

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101823\
 Data File : PP061021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2023 10:02
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 14:58:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.552	3.687	120.6E6	66556969	54.844	49.229
2)	SA Decachlor...	10.510	8.750	90807570	72831736	57.987	48.440
Target Compounds							
3)	L1 AR-1016-1	5.743	4.785	38889717	25345142	541.716	486.992
4)	L1 AR-1016-2	5.766	4.804	54705153	35054603	533.345	489.459
5)	L1 AR-1016-3	5.829	4.982	33783000	19813000	540.613	490.334
6)	L1 AR-1016-4	5.929	5.024	27668503	15865979	541.633	490.506
7)	L1 AR-1016-5	6.228	5.240	27166580	20498636	537.326	490.946
8)	L2 AR-1221-1	4.759	3.903	3764413	2800805	134.017	137.309
9)	L2 AR-1221-2	4.852	3.990	5801890	3872594	279.349	263.621
10)	L2 AR-1221-3	4.930	4.067	20889507	13639004	338.519	325.203
11)	L3 AR-1232-1	4.930	4.067	20889507	13639004	412.934	394.950
12)	L3 AR-1232-2	5.470	4.804	29484939	35054603	1105.429	1060.013
13)	L3 AR-1232-3	5.766	4.982	54705153	19813000	1165.724	1069.201
14)	L3 AR-1232-4	5.929	5.067	27668503	19552053	1182.610	1163.908
15)	L3 AR-1232-5	6.020	5.240	24555486	20498636	1259.996	1091.238
16)	L4 AR-1242-1	5.743	4.785	38889717	25345142	692.256	627.856
17)	L4 AR-1242-2	5.766	4.804	54705153	35054603	687.684	640.239
18)	L4 AR-1242-3	5.829	4.982	33783000	19813000	680.499	637.790
19)	L4 AR-1242-4	5.929	5.067	27668503	19552053	692.646	622.320
20)	L4 AR-1242-5	6.677	5.595	3869298	16519803	95.359	422.501 #
21)	L5 AR-1248-1	5.743	4.785	38889717	25345142	895.656	820.912
22)	L5 AR-1248-2	6.020	5.024	24555486	15865979	379.762	362.177
23)	L5 AR-1248-3	6.228	5.067	27166580	19552053	386.905	421.790
24)	L5 AR-1248-4	6.637	5.240	3942974	20498636	51.605	370.818 #
25)	L5 AR-1248-5	6.677	5.635	3869298	2650695	52.434	50.846
26)	L6 AR-1254-1	6.611	5.595	20518694	16519803	259.438	213.817
27)	L6 AR-1254-2	6.831	5.743	22153145	15848324	185.961	228.737
28)	L6 AR-1254-3	7.203	6.166	12497181	28641766	102.151	253.128 #
29)	L6 AR-1254-4	7.492	6.380	7912804	3039978	89.898	44.244 #
30)	L6 AR-1254-5	7.914	6.800	71035837	56647482	715.365	529.568 #
31)	L7 AR-1260-1	7.369	6.281	50237851	39299109	536.697	474.909
32)	L7 AR-1260-2	7.628	6.470	58535070	46959984	539.158	476.884
33)	L7 AR-1260-3	7.991	6.625	38079881	44870261	547.898	474.478
34)	L7 AR-1260-4	8.225	7.100	46092765	34065930	540.315	475.300
35)	L7 AR-1260-5	8.562	7.343	85961399	79926379	532.785	476.547
36)	L8 AR-1262-1	7.991	6.892	38079881	18990885	303.175	398.382 #
37)	L8 AR-1262-2	8.562	7.100	85961399	34065930	388.518	323.434
38)	L8 AR-1262-3	8.907	7.628	56019805	16220163	373.037	193.747 #
39)	L8 AR-1262-4	8.968f	7.691	31024084	57970800	274.299	383.366 #
40)	L8 AR-1262-5	9.692	8.191	21130716	18264556	280.833	258.055
41)	L9 AR-1268-1	8.907	7.628	56019805	16220163	214.987	67.609 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

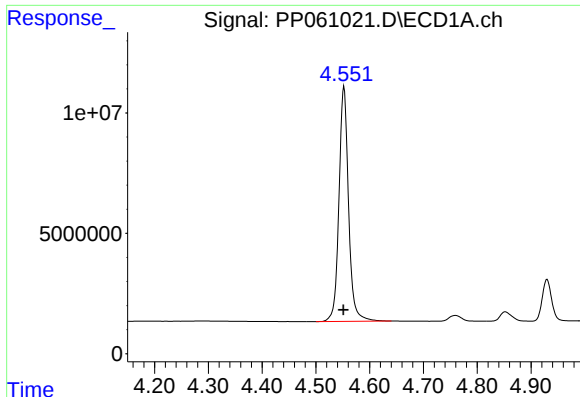
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 14:58:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.968f	7.691	31024084	57970800	132.315	270.189 #
43) L9	AR-1268-3	9.238	7.901	1814408	1745338	8.873	9.214
44) L9	AR-1268-4	9.692	8.191	21130716	18264556	262.344	238.353
45) L9	AR-1268-5	10.141	8.489	7858081	6640520	12.317	12.025

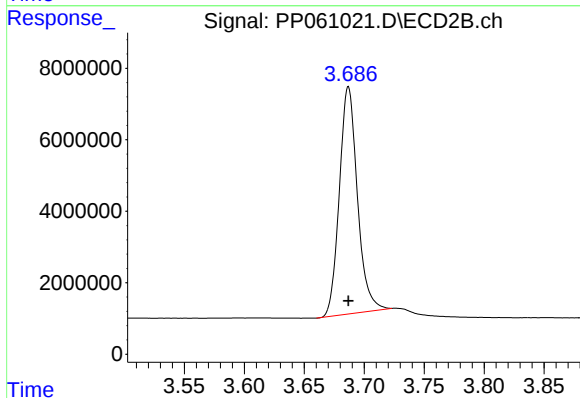
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

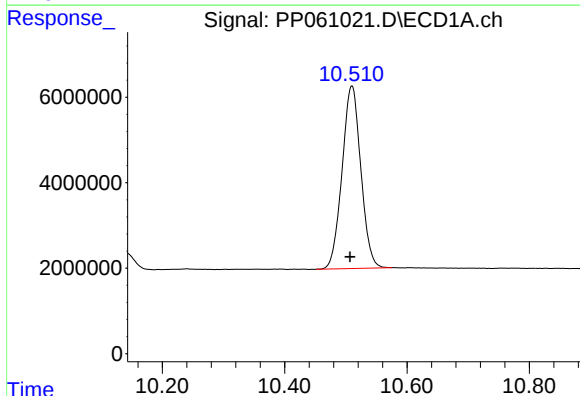
R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 120565152
Conc: 54.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



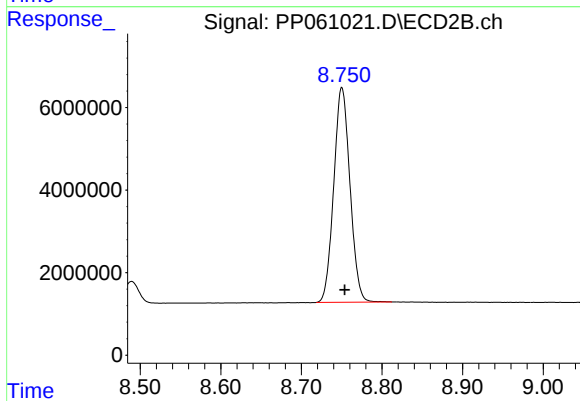
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 66556969
Conc: 49.23 ng/ml



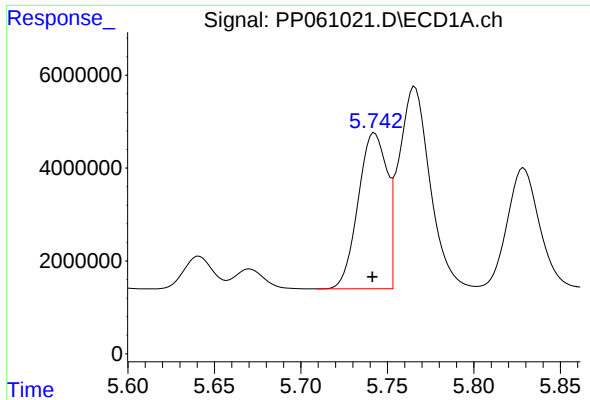
#2 Decachlorobiphenyl

R.T.: 10.510 min
Delta R.T.: 0.003 min
Response: 90807570
Conc: 57.99 ng/ml



#2 Decachlorobiphenyl

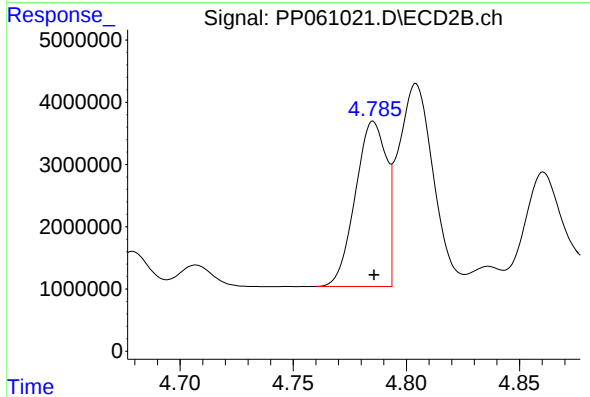
R.T.: 8.750 min
Delta R.T.: -0.003 min
Response: 72831736
Conc: 48.44 ng/ml



#3 AR-1016-1

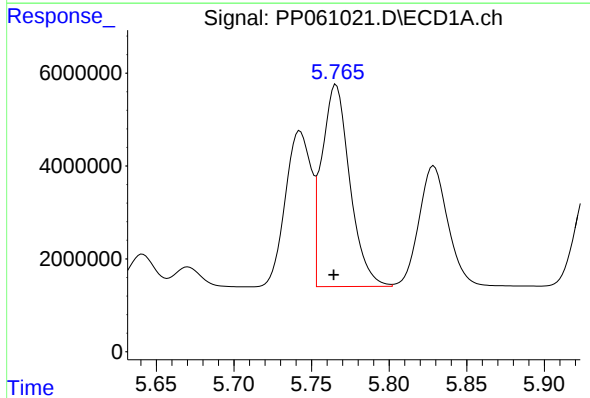
R.T.: 5.743 min
Delta R.T.: 0.001 min
Response: 38889717
Conc: 541.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



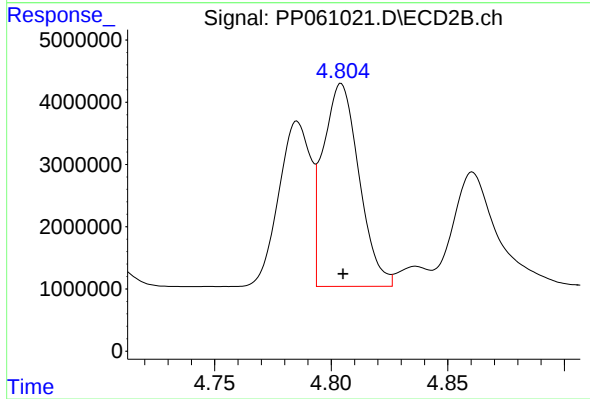
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 25345142
Conc: 486.99 ng/ml



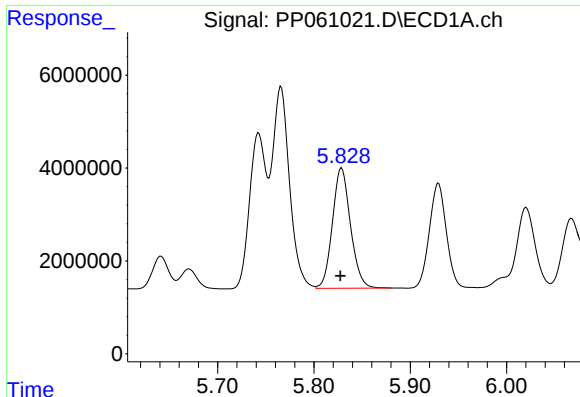
#4 AR-1016-2

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 54705153
Conc: 533.34 ng/ml



#4 AR-1016-2

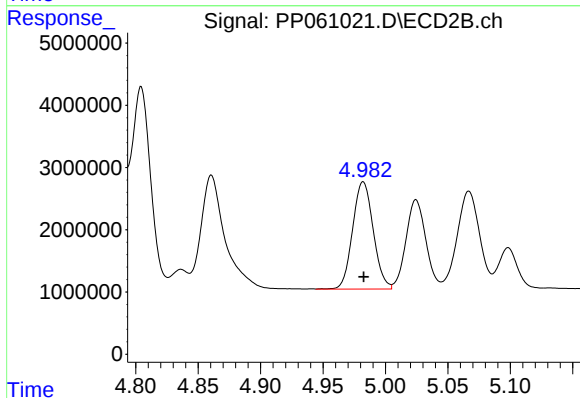
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 35054603
Conc: 489.46 ng/ml



#5 AR-1016-3

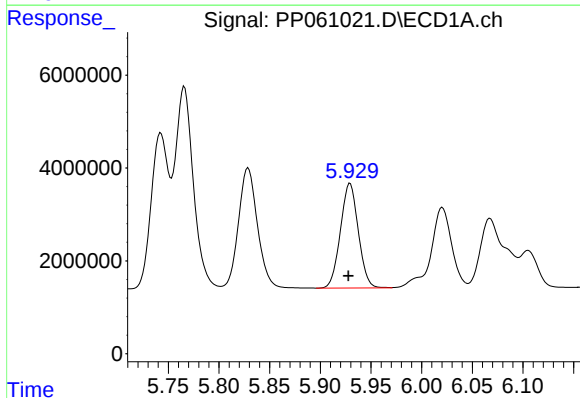
R.T.: 5.829 min
Delta R.T.: 0.001 min
Response: 33783000
Conc: 540.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



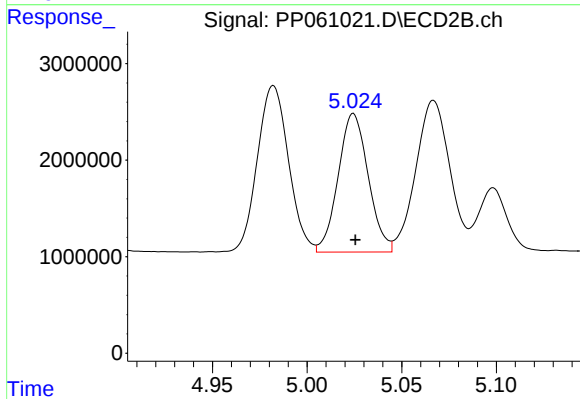
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 19813000
Conc: 490.33 ng/ml



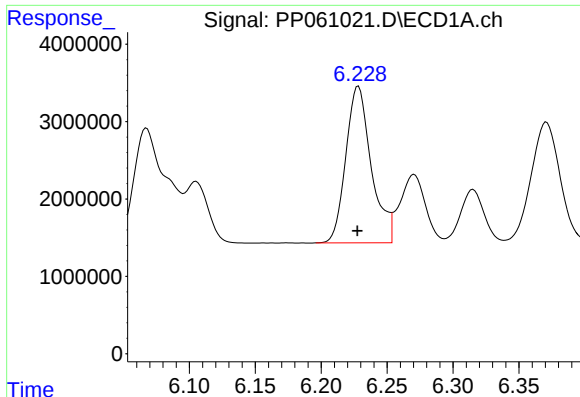
#6 AR-1016-4

R.T.: 5.929 min
Delta R.T.: 0.002 min
Response: 27668503
Conc: 541.63 ng/ml



#6 AR-1016-4

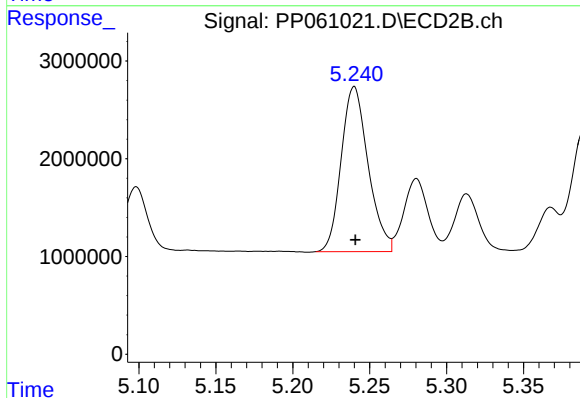
R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 15865979
Conc: 490.51 ng/ml



#7 AR-1016-5

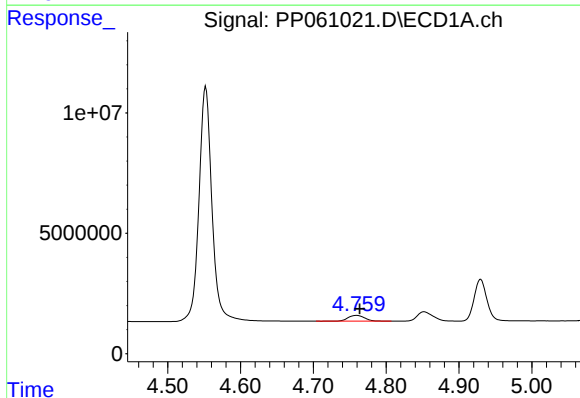
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 27166580
Conc: 537.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



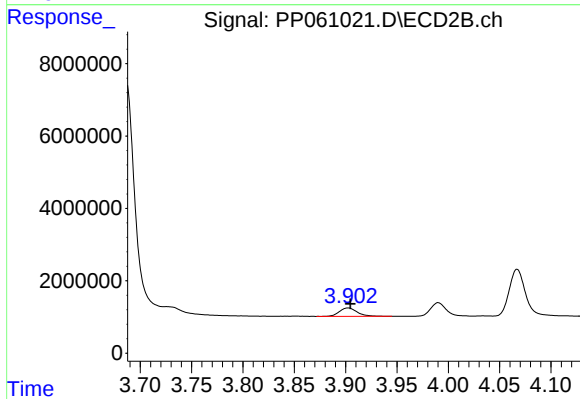
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 20498636
Conc: 490.95 ng/ml



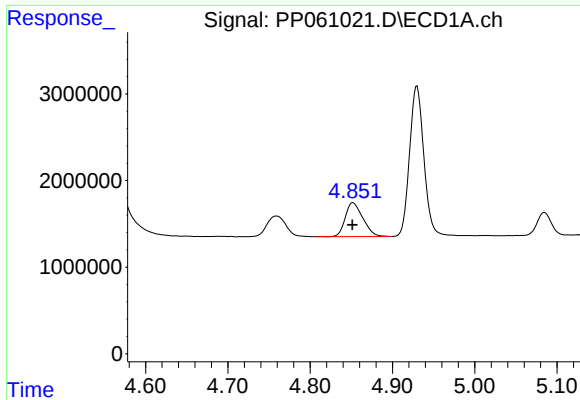
#8 AR-1221-1

R.T.: 4.759 min
Delta R.T.: -0.004 min
Response: 3764413
Conc: 134.02 ng/ml



#8 AR-1221-1

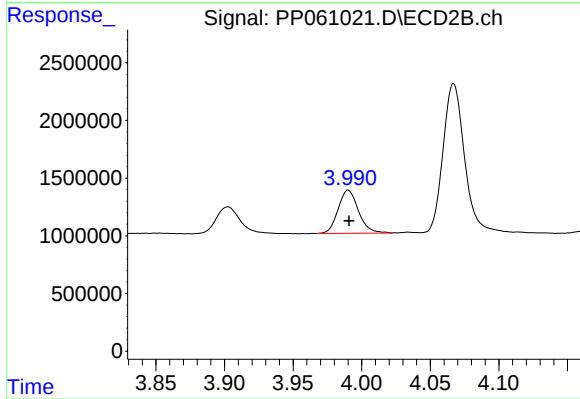
R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 2800805
Conc: 137.31 ng/ml



#9 AR-1221-2

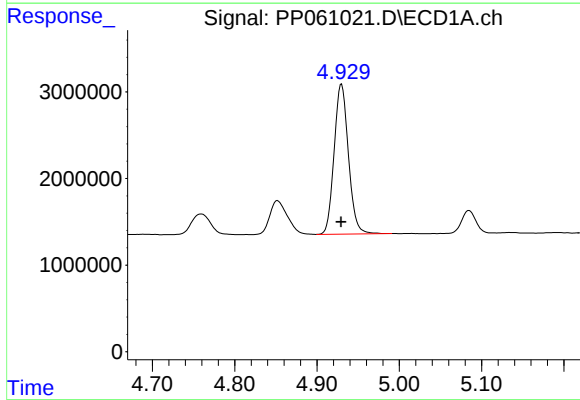
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 5801890
Conc: 279.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



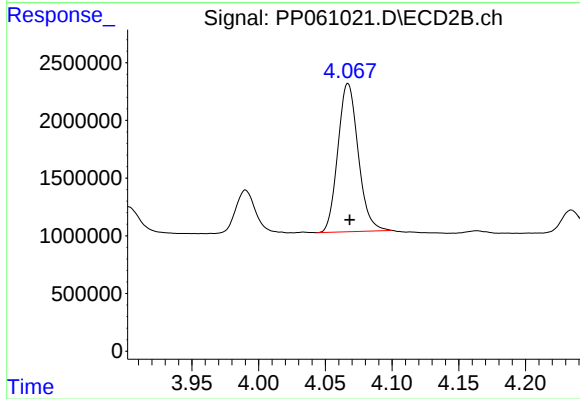
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 3872594
Conc: 263.62 ng/ml



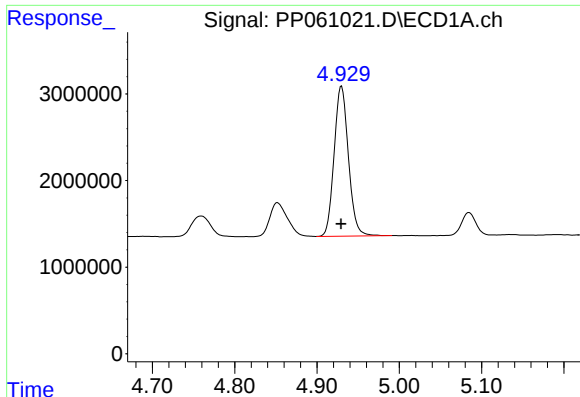
#10 AR-1221-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 20889507
Conc: 338.52 ng/ml



#10 AR-1221-3

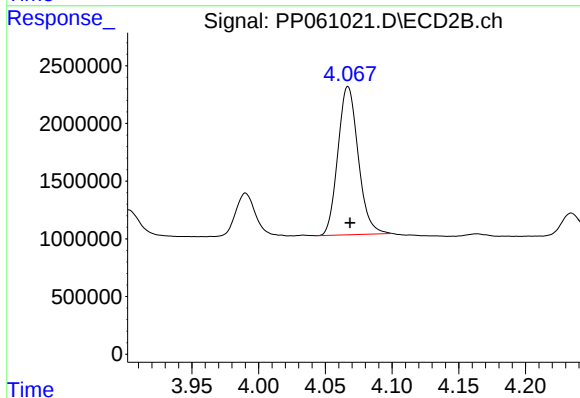
R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 13639004
Conc: 325.20 ng/ml



#11 AR-1232-1

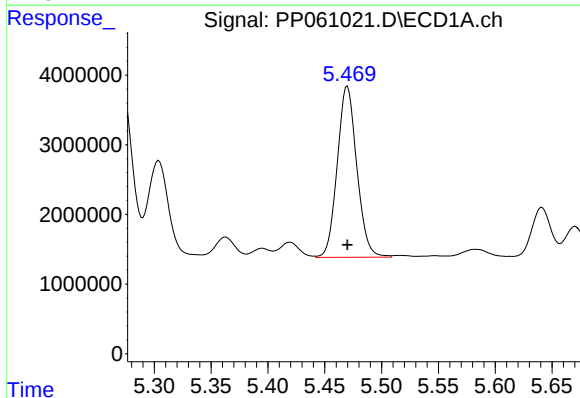
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 20889507
Conc: 412.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



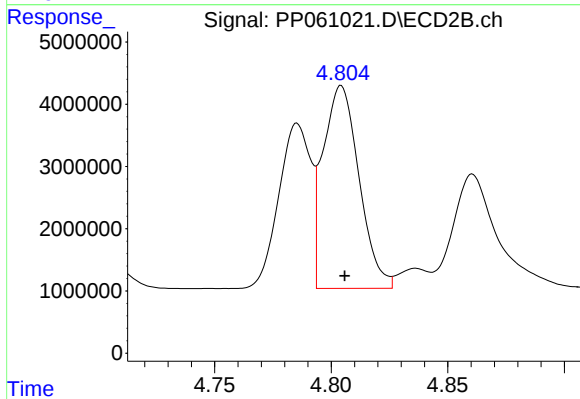
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 13639004
Conc: 394.95 ng/ml



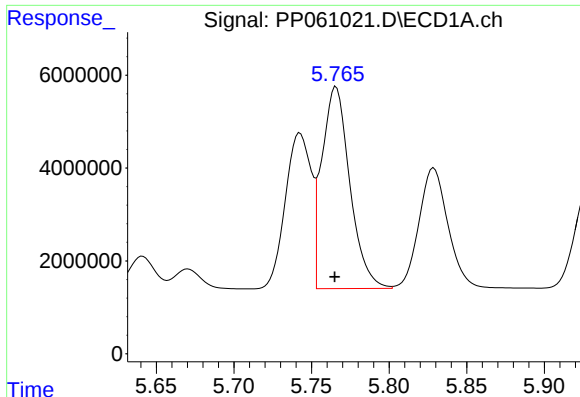
#12 AR-1232-2

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 29484939
Conc: 1105.43 ng/ml



#12 AR-1232-2

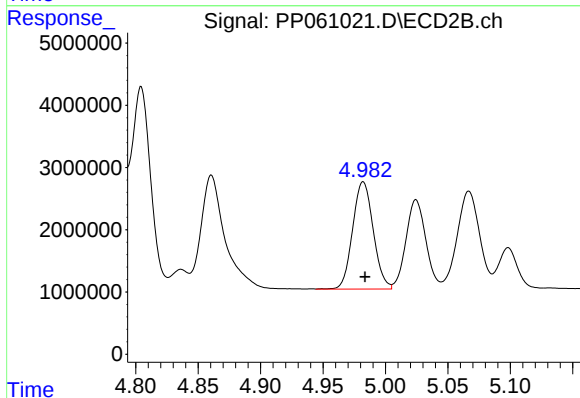
R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 35054603
Conc: 1060.01 ng/ml



#13 AR-1232-3

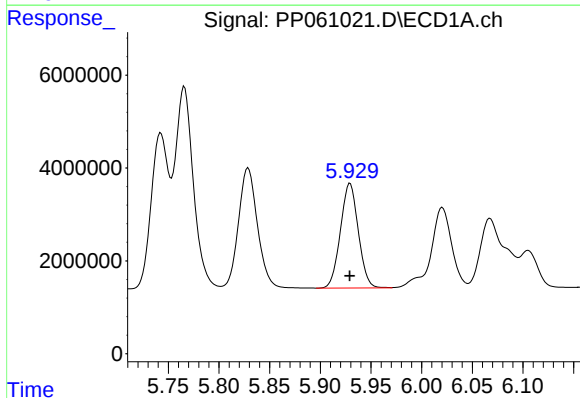
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 54705153
Conc: 1165.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



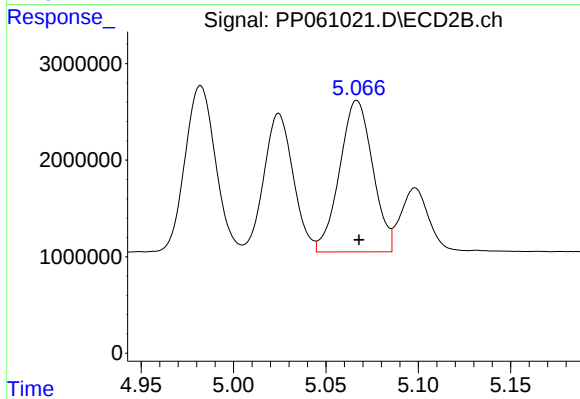
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: -0.002 min
Response: 19813000
Conc: 1069.20 ng/ml



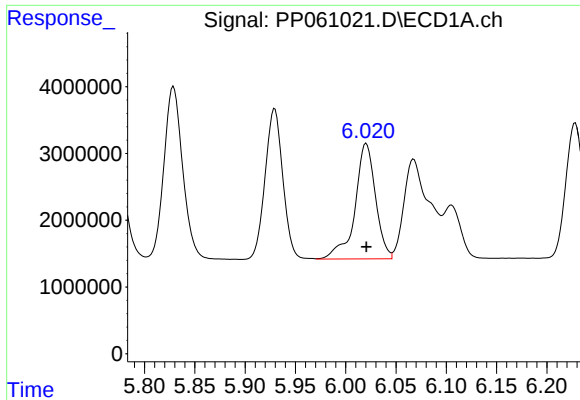
#14 AR-1232-4

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 27668503
Conc: 1182.61 ng/ml



#14 AR-1232-4

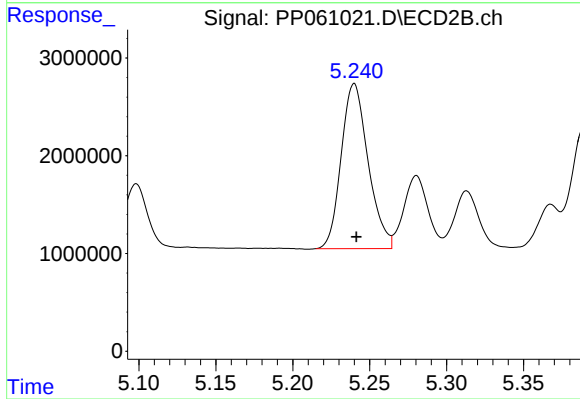
R.T.: 5.067 min
Delta R.T.: -0.001 min
Response: 19552053
Conc: 1163.91 ng/ml



#15 AR-1232-5

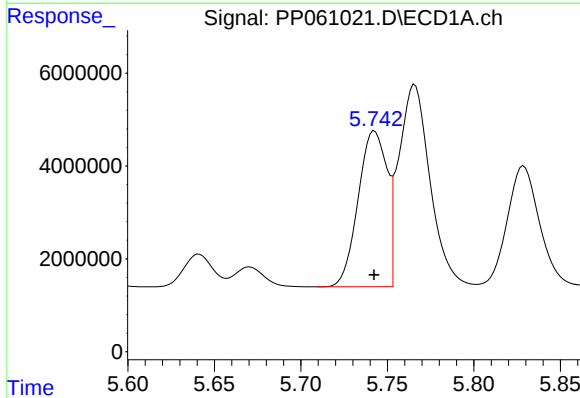
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 24555486
Conc: 1260.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



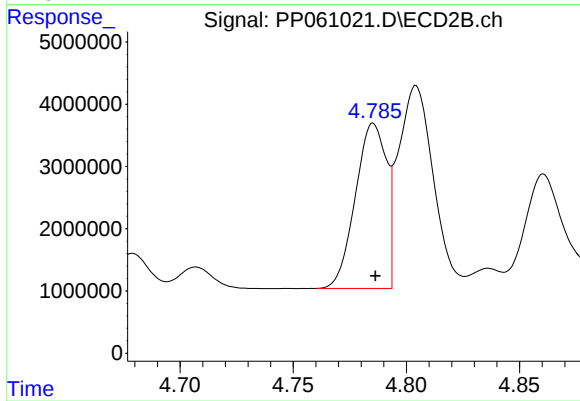
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 20498636
Conc: 1091.24 ng/ml



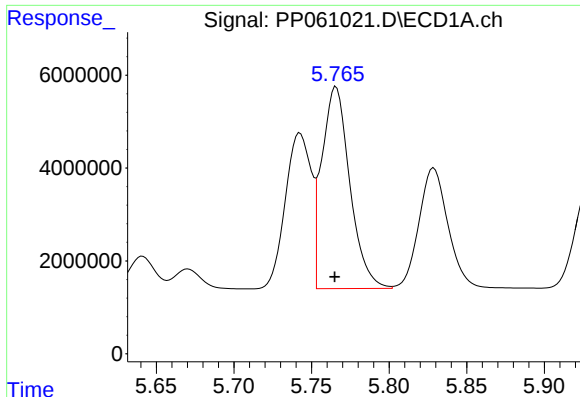
#16 AR-1242-1

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 38889717
Conc: 692.26 ng/ml



#16 AR-1242-1

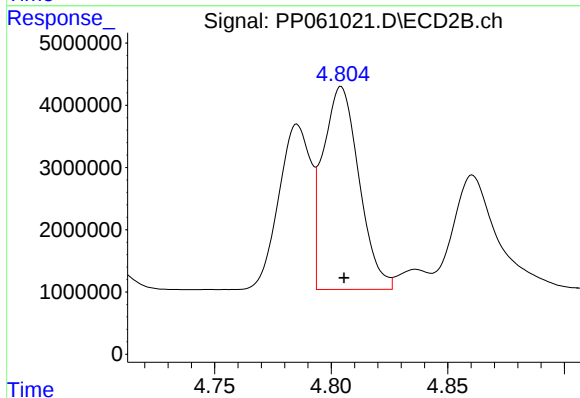
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 25345142
Conc: 627.86 ng/ml



#17 AR-1242-2

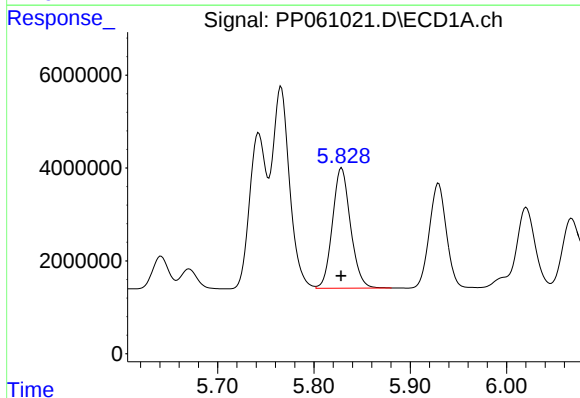
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 54705153
Conc: 687.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



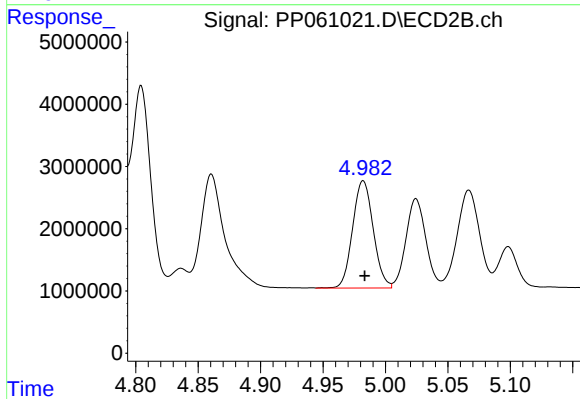
#17 AR-1242-2

R.T.: 4.804 min
Delta R.T.: -0.001 min
Response: 35054603
Conc: 640.24 ng/ml



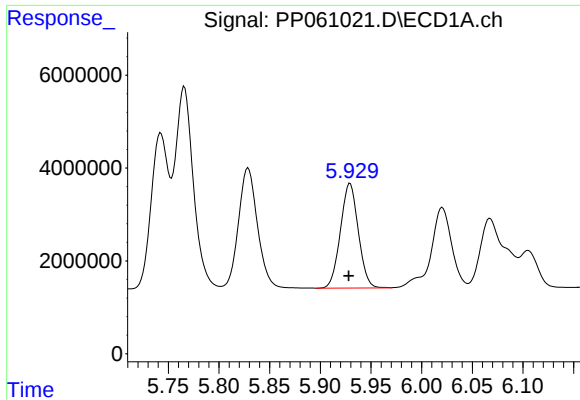
#18 AR-1242-3

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 33783000
Conc: 680.50 ng/ml



#18 AR-1242-3

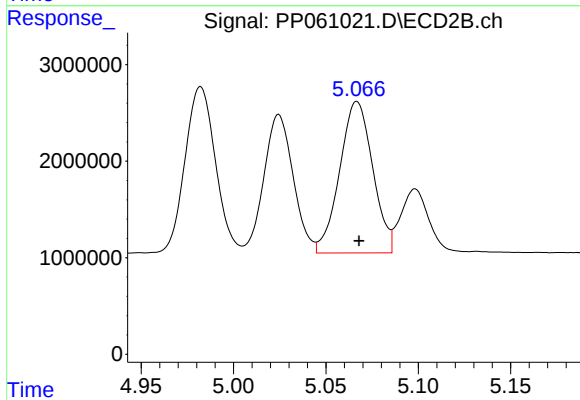
R.T.: 4.982 min
Delta R.T.: -0.001 min
Response: 19813000
Conc: 637.79 ng/ml



#19 AR-1242-4

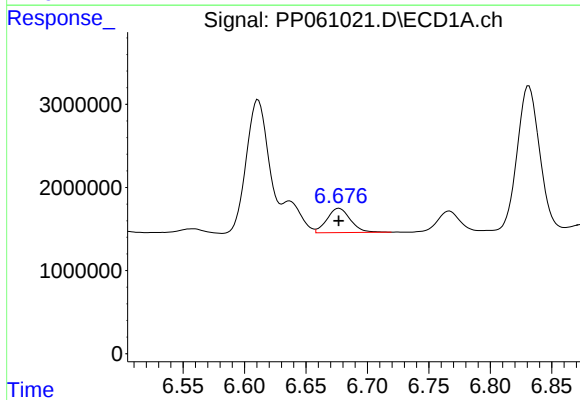
R.T.: 5.929 min
Delta R.T.: 0.001 min
Response: 27668503
Conc: 692.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



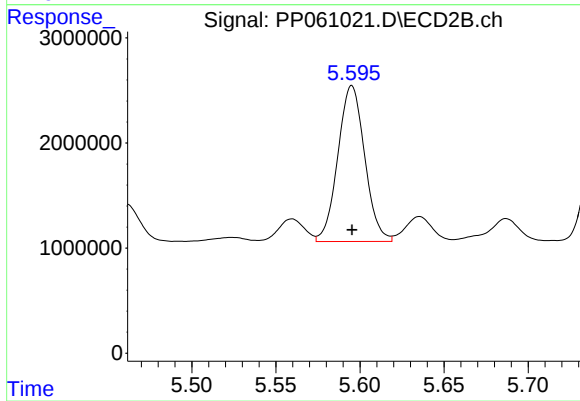
#19 AR-1242-4

R.T.: 5.067 min
Delta R.T.: -0.001 min
Response: 19552053
Conc: 622.32 ng/ml



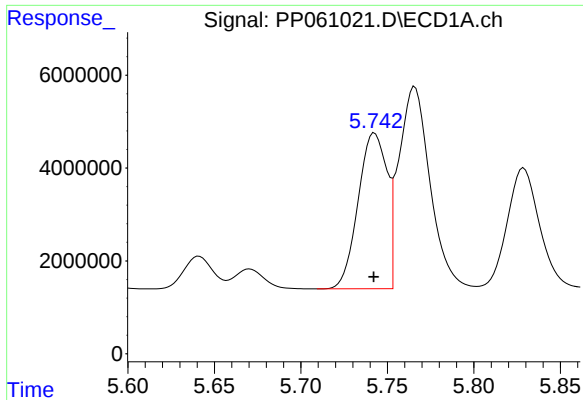
#20 AR-1242-5

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3869298
Conc: 95.36 ng/ml



#20 AR-1242-5

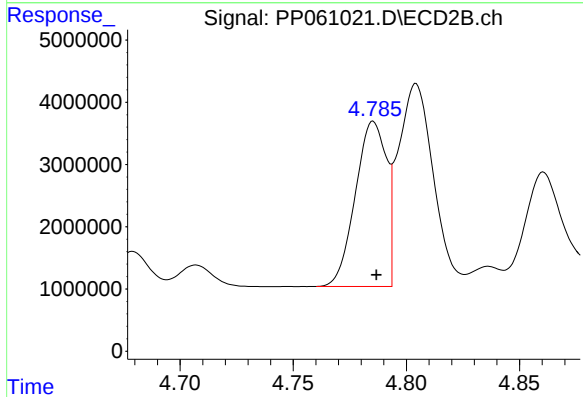
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 16519803
Conc: 422.50 ng/ml



#21 AR-1248-1

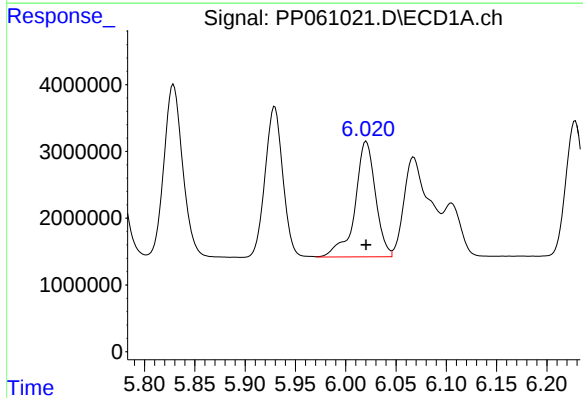
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 38889717
Conc: 895.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



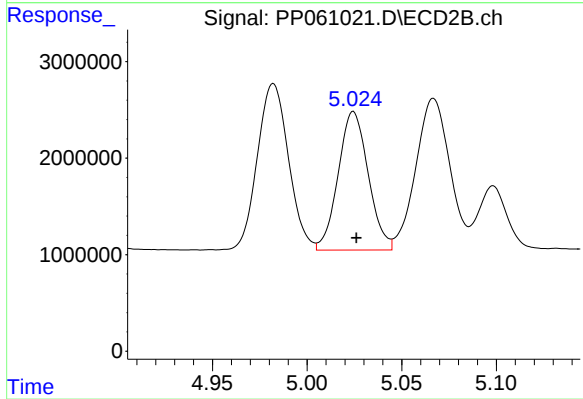
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 25345142
Conc: 820.91 ng/ml



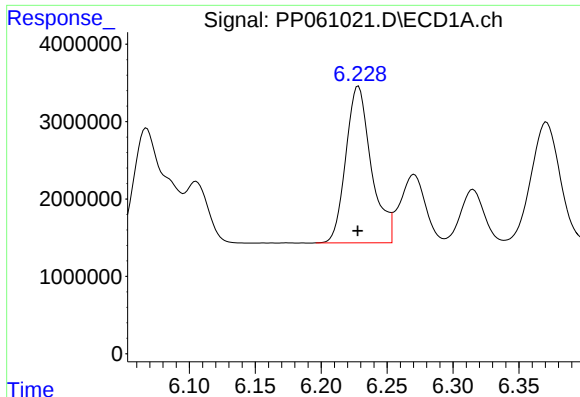
#22 AR-1248-2

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 24555486
Conc: 379.76 ng/ml



#22 AR-1248-2

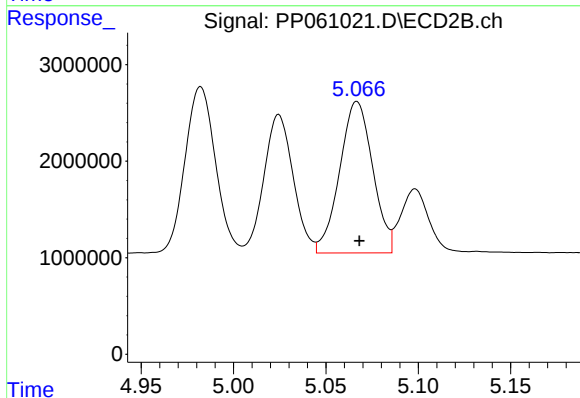
R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 15865979
Conc: 362.18 ng/ml



#23 AR-1248-3

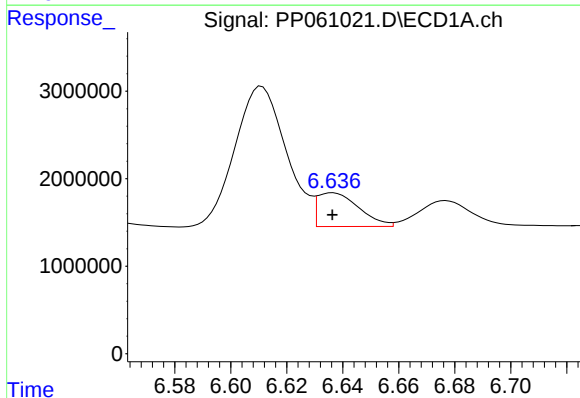
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 27166580
Conc: 386.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



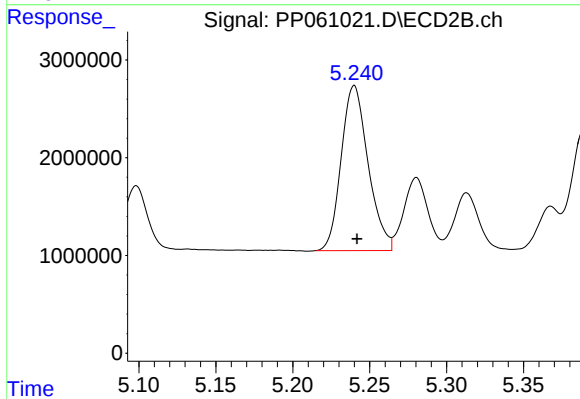
#23 AR-1248-3

R.T.: 5.067 min
Delta R.T.: -0.001 min
Response: 19552053
Conc: 421.79 ng/ml



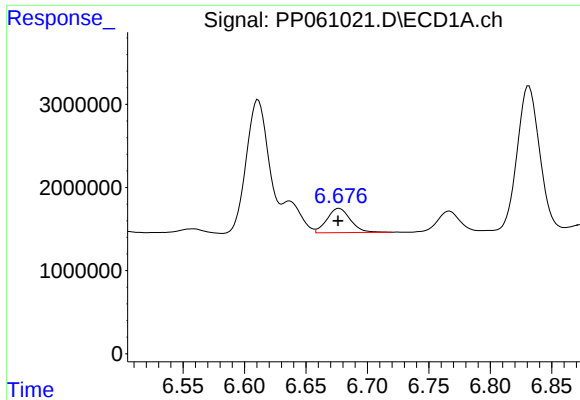
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 3942974
Conc: 51.60 ng/ml



#24 AR-1248-4

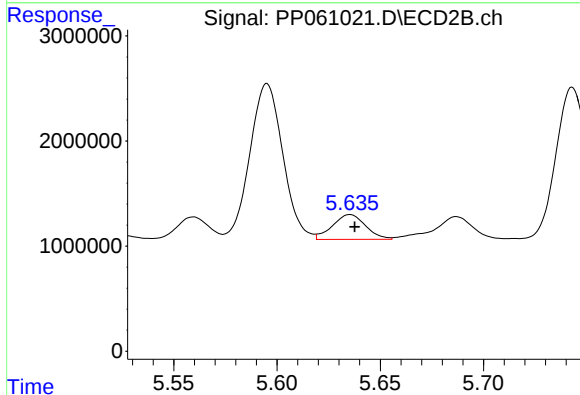
R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 20498636
Conc: 370.82 ng/ml



#25 AR-1248-5

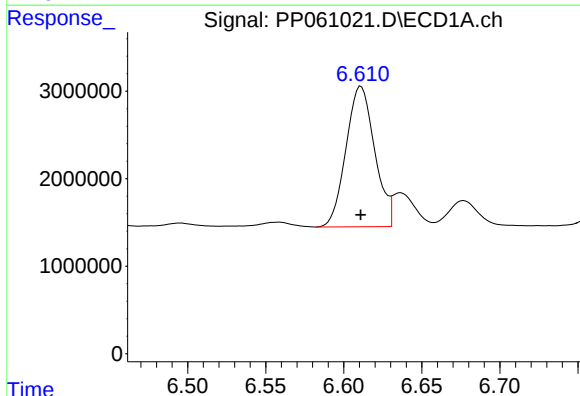
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3869298
Conc: 52.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



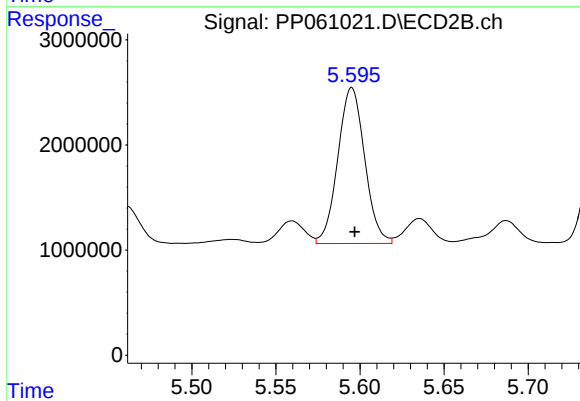
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 2650695
Conc: 50.85 ng/ml



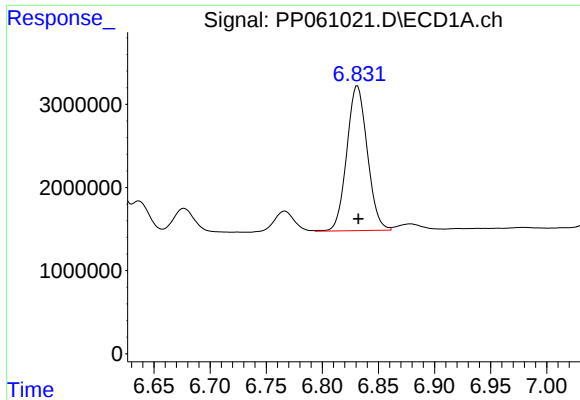
#26 AR-1254-1

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 20518694
Conc: 259.44 ng/ml



#26 AR-1254-1

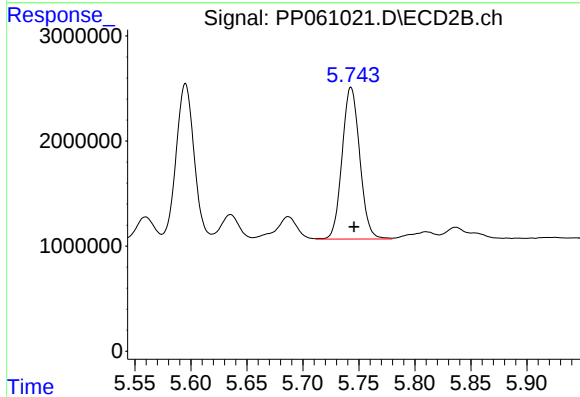
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 16519803
Conc: 213.82 ng/ml



#27 AR-1254-2

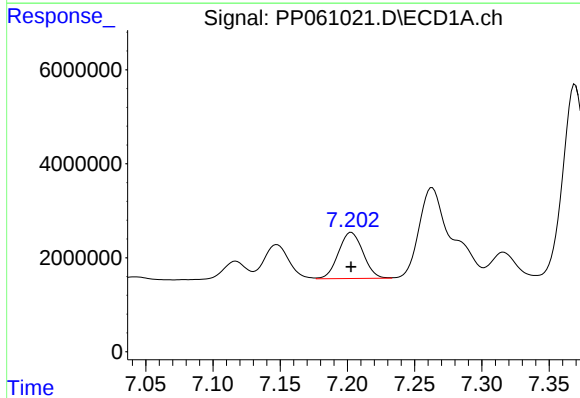
R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 22153145
Conc: 185.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



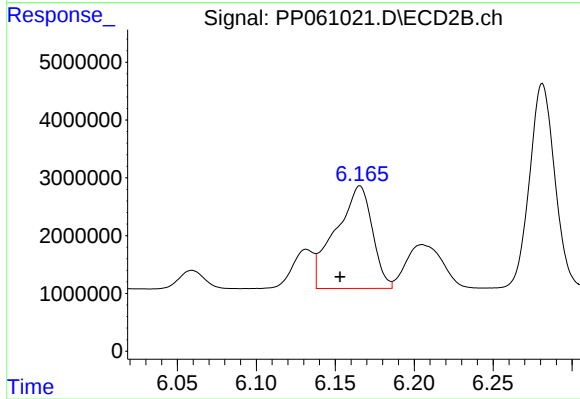
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 15848324
Conc: 228.74 ng/ml



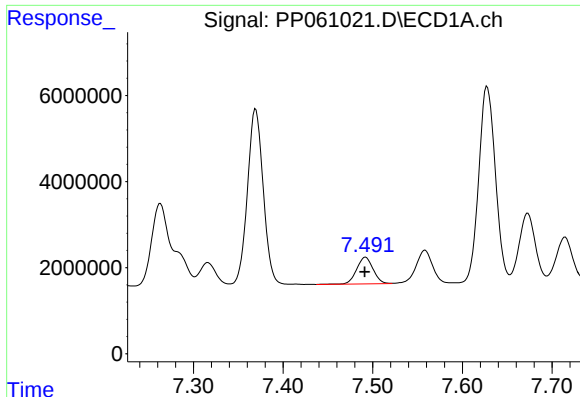
#28 AR-1254-3

R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 12497181
Conc: 102.15 ng/ml



#28 AR-1254-3

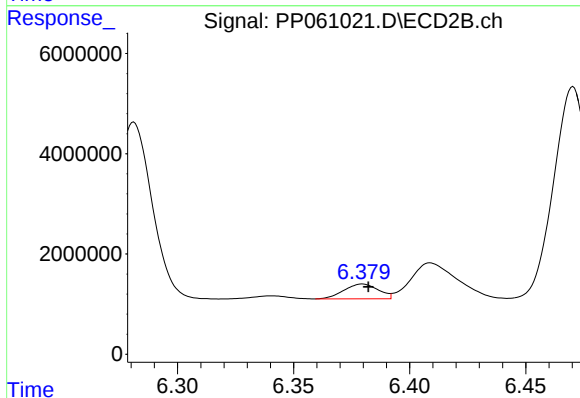
R.T.: 6.166 min
Delta R.T.: 0.013 min
Response: 28641766
Conc: 253.13 ng/ml



#29 AR-1254-4

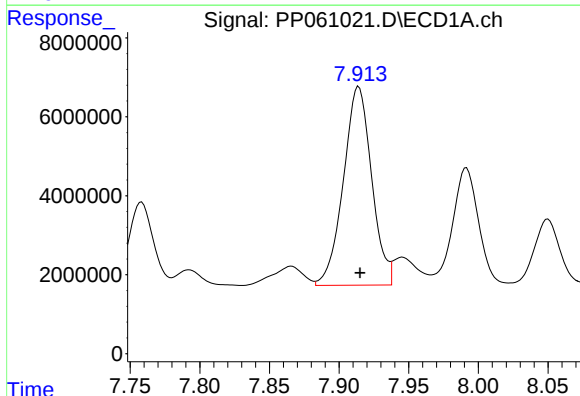
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 7912804
Conc: 89.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



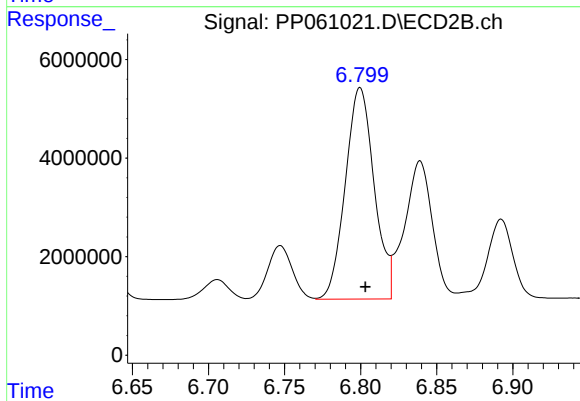
#29 AR-1254-4

R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 3039978
Conc: 44.24 ng/ml



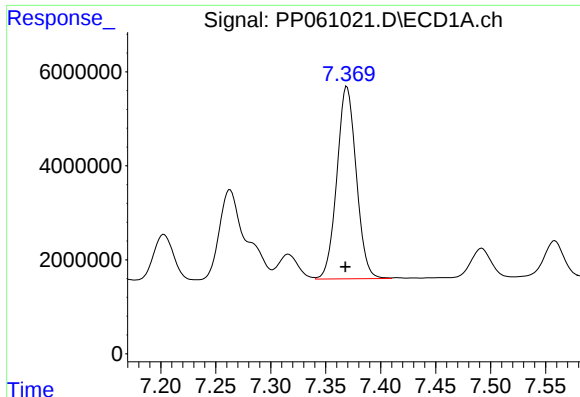
#30 AR-1254-5

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 71035837
Conc: 715.37 ng/ml



#30 AR-1254-5

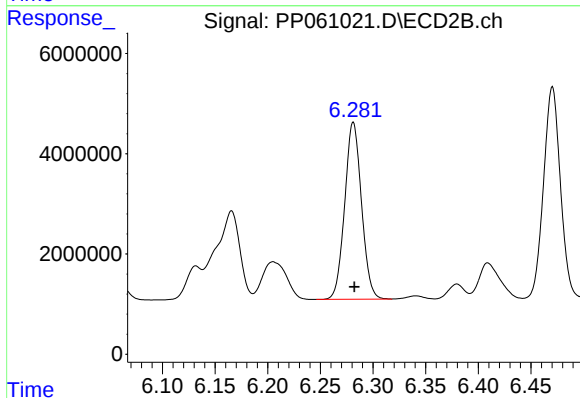
R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 56647482
Conc: 529.57 ng/ml



#31 AR-1260-1

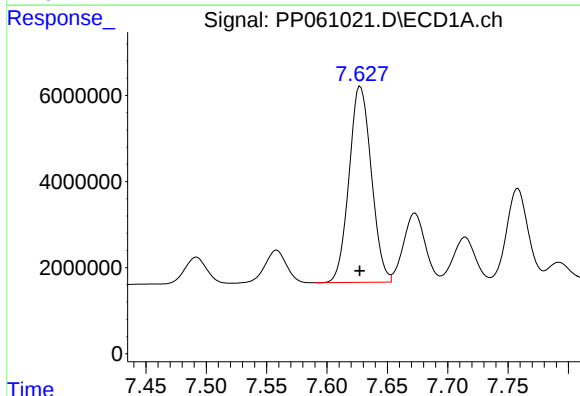
R.T.: 7.369 min
Delta R.T.: 0.001 min
Response: 50237851
Conc: 536.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



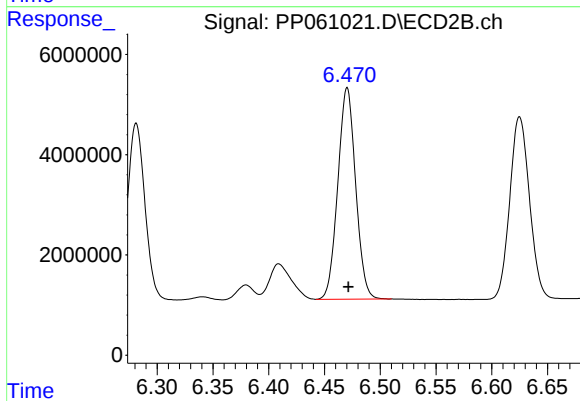
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: -0.001 min
Response: 39299109
Conc: 474.91 ng/ml



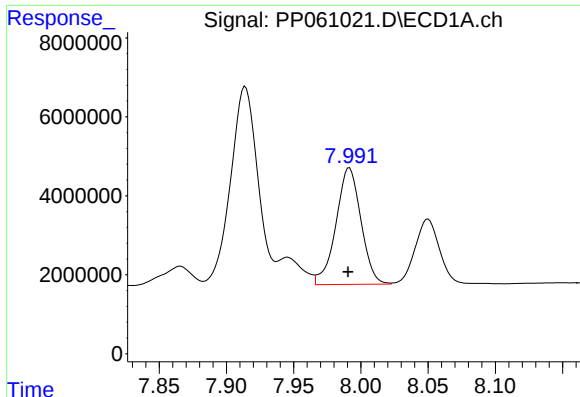
#32 AR-1260-2

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 58535070
Conc: 539.16 ng/ml



#32 AR-1260-2

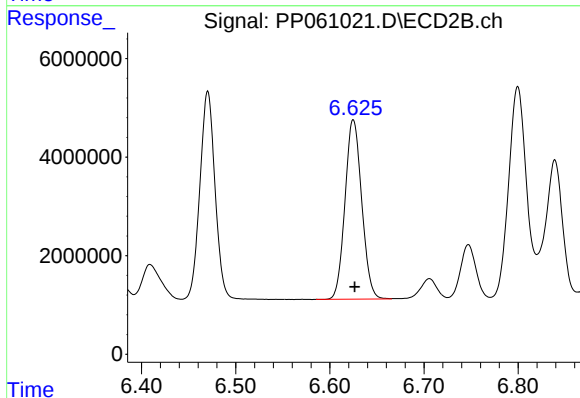
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 46959984
Conc: 476.88 ng/ml



#33 AR-1260-3

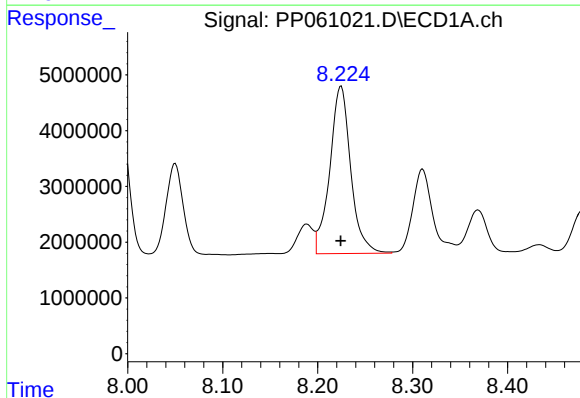
R.T.: 7.991 min
Delta R.T.: 0.001 min
Response: 38079881
Conc: 547.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



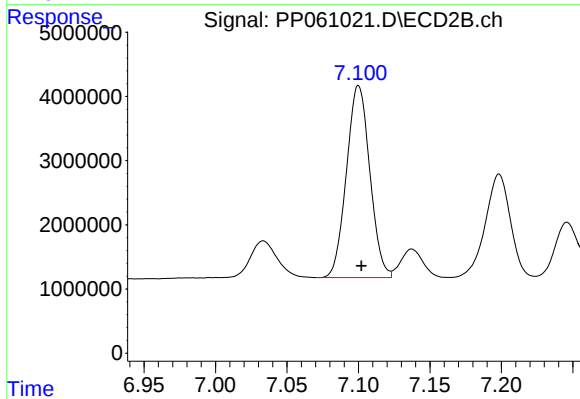
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: -0.001 min
Response: 44870261
Conc: 474.48 ng/ml



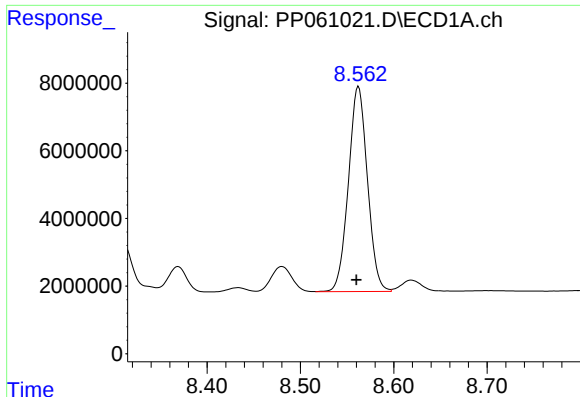
#34 AR-1260-4

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 46092765
Conc: 540.32 ng/ml



#34 AR-1260-4

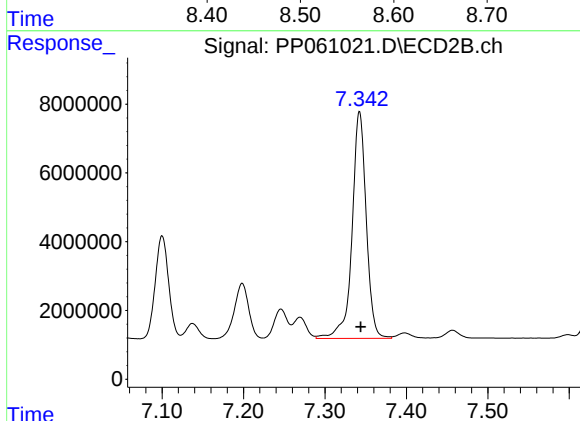
R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 34065930
Conc: 475.30 ng/ml



#35 AR-1260-5

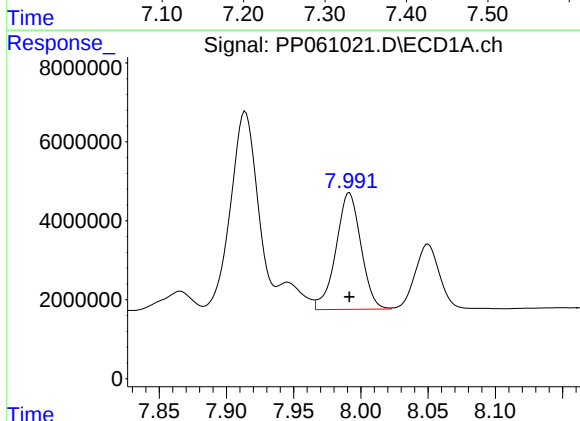
R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 85961399
Conc: 532.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



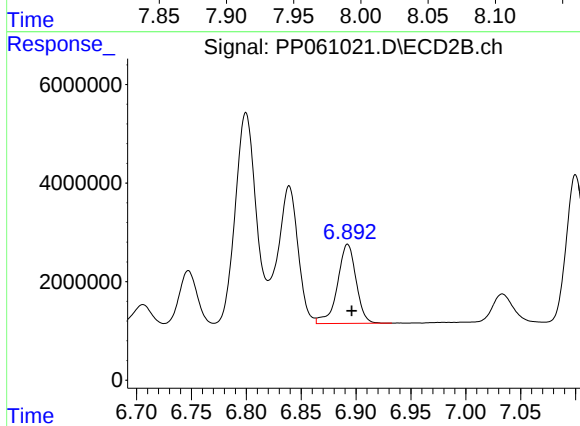
#35 AR-1260-5

R.T.: 7.343 min
Delta R.T.: -0.002 min
Response: 79926379
Conc: 476.55 ng/ml



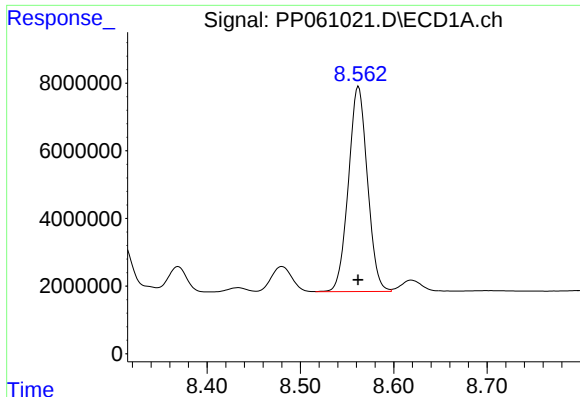
#36 AR-1262-1

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 38079881
Conc: 303.18 ng/ml



#36 AR-1262-1

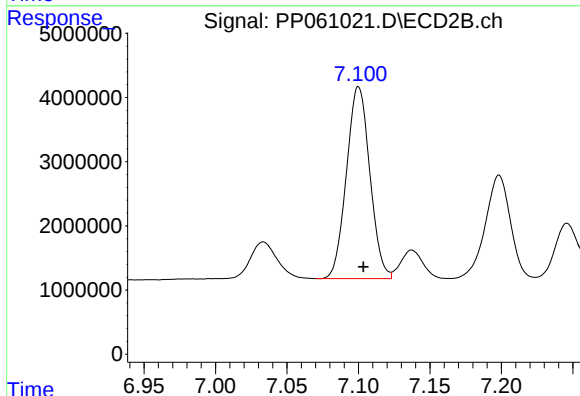
R.T.: 6.892 min
Delta R.T.: -0.004 min
Response: 18990885
Conc: 398.38 ng/ml



#37 AR-1262-2

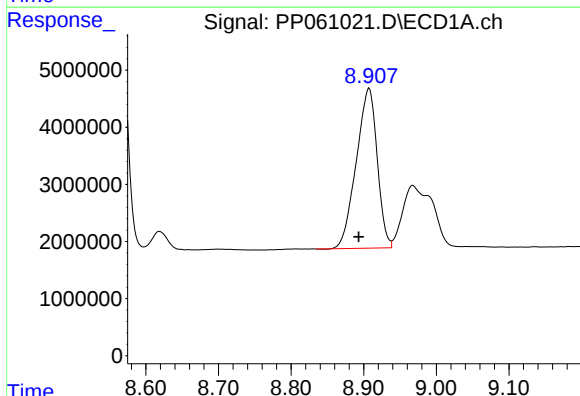
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 85961399
Conc: 388.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



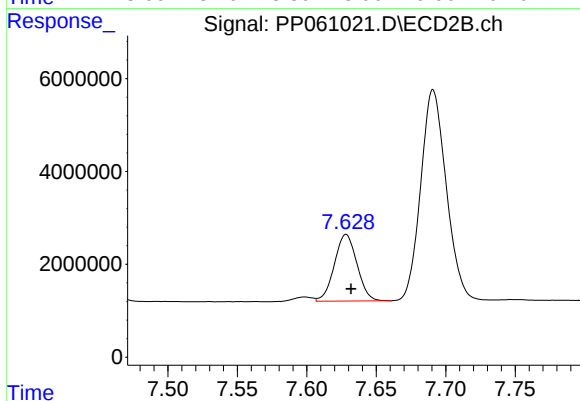
#37 AR-1262-2

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 34065930
Conc: 323.43 ng/ml



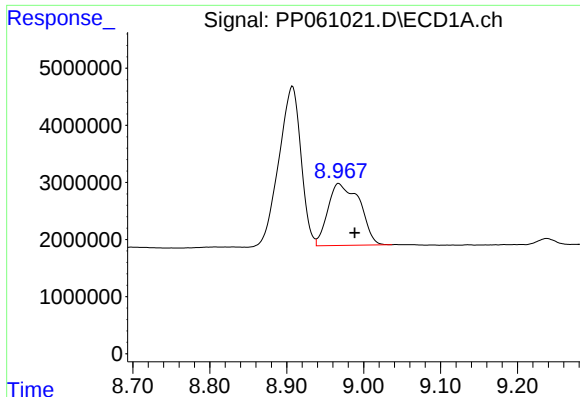
#38 AR-1262-3

R.T.: 8.907 min
Delta R.T.: 0.014 min
Response: 56019805
Conc: 373.04 ng/ml



#38 AR-1262-3

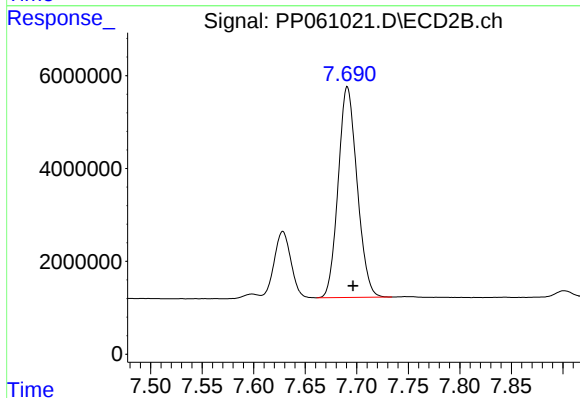
R.T.: 7.628 min
Delta R.T.: -0.004 min
Response: 16220163
Conc: 193.75 ng/ml



#39 AR-1262-4

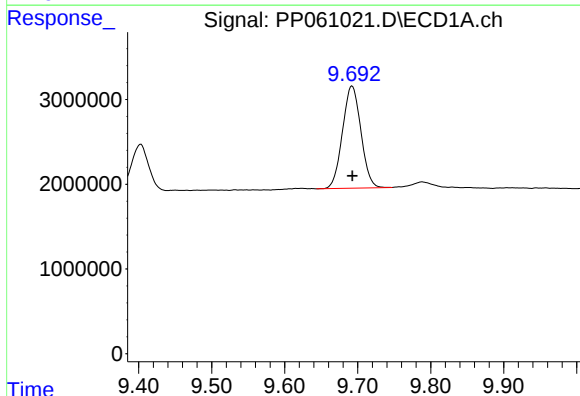
R.T.: 8.968 min
Delta R.T.: -0.021 min
Response: 31024084
Conc: 274.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



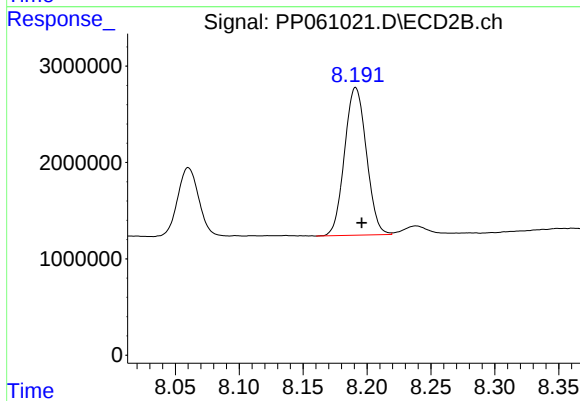
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: -0.005 min
Response: 57970800
Conc: 383.37 ng/ml



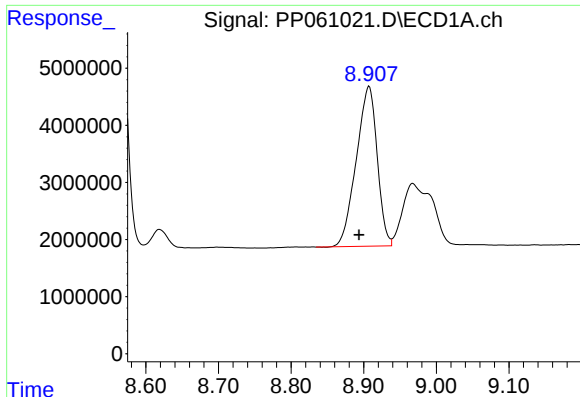
#40 AR-1262-5

R.T.: 9.692 min
Delta R.T.: 0.000 min
Response: 21130716
Conc: 280.83 ng/ml



#40 AR-1262-5

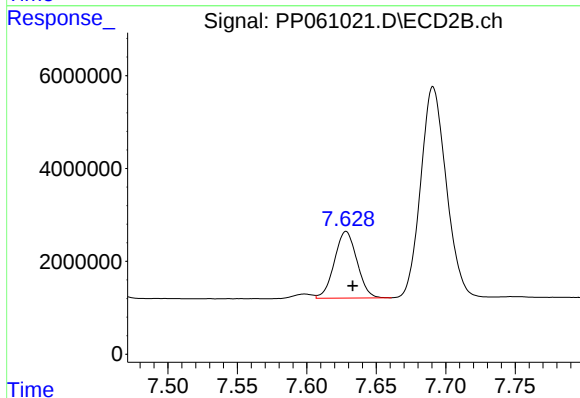
R.T.: 8.191 min
Delta R.T.: -0.005 min
Response: 18264556
Conc: 258.05 ng/ml



#41 AR-1268-1

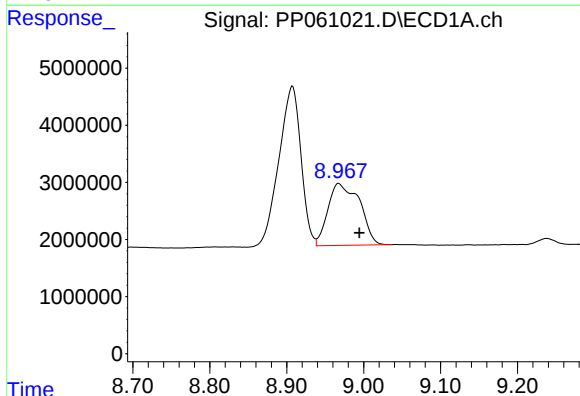
R.T.: 8.907 min
Delta R.T.: 0.014 min
Response: 56019805
Conc: 214.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



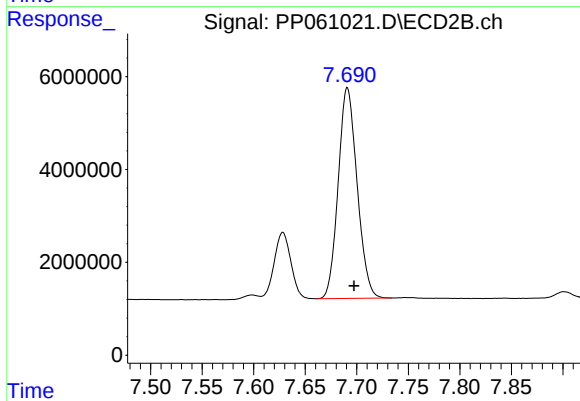
#41 AR-1268-1

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 16220163
Conc: 67.61 ng/ml



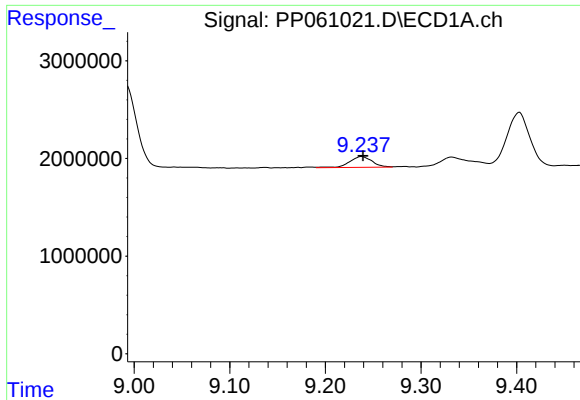
#42 AR-1268-2

R.T.: 8.968 min
Delta R.T.: -0.027 min
Response: 31024084
Conc: 132.32 ng/ml



#42 AR-1268-2

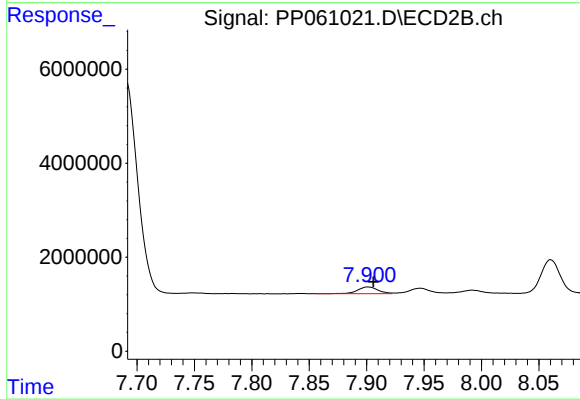
R.T.: 7.691 min
Delta R.T.: -0.007 min
Response: 57970800
Conc: 270.19 ng/ml



#43 AR-1268-3

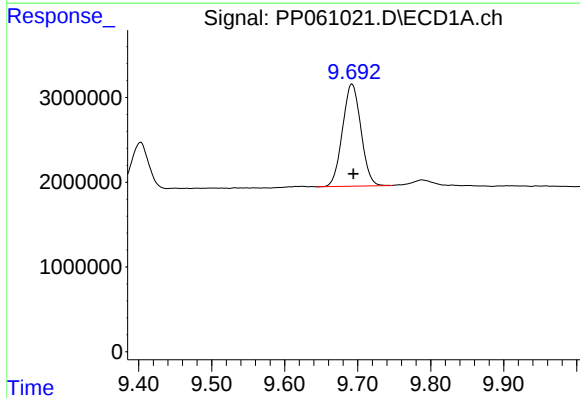
R.T.: 9.238 min
Delta R.T.: -0.002 min
Response: 1814408
Conc: 8.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



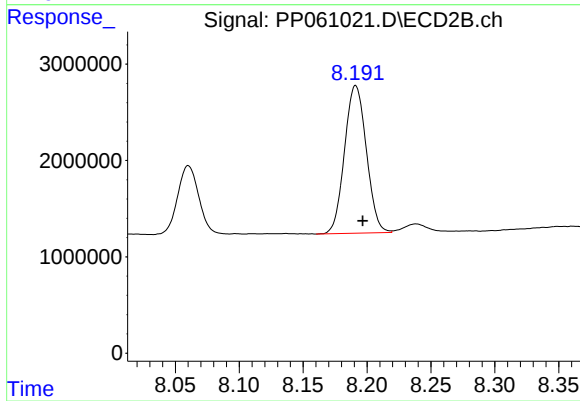
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: -0.005 min
Response: 1745338
Conc: 9.21 ng/ml



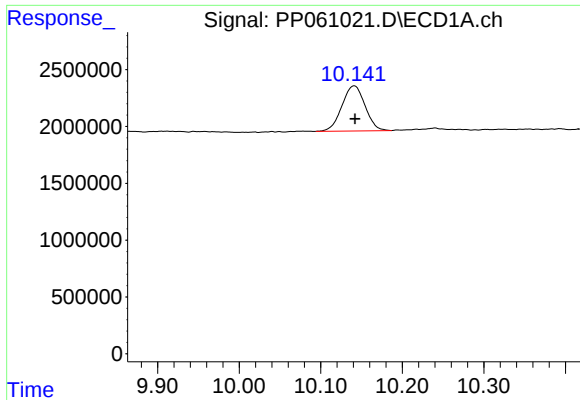
#44 AR-1268-4

R.T.: 9.692 min
Delta R.T.: -0.002 min
Response: 21130716
Conc: 262.34 ng/ml



#44 AR-1268-4

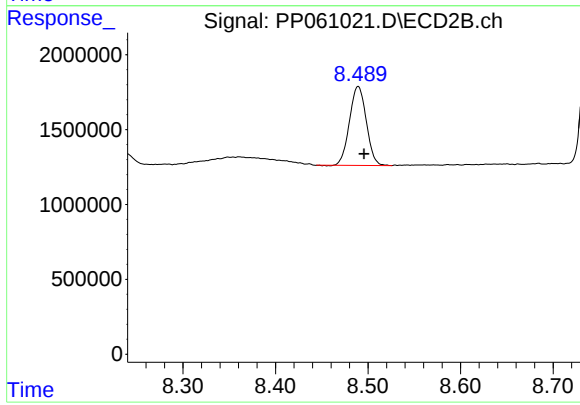
R.T.: 8.191 min
Delta R.T.: -0.006 min
Response: 18264556
Conc: 238.35 ng/ml



#45 AR-1268-5

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 7858081
Conc: 12.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: -0.006 min
Response: 6640520
Conc: 12.02 ng/ml