

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031023\
 Data File : PP056360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 15:49
 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: Mar 09 20:30:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.320	3.562	84045780	68511319	54.128	48.553
2)	SA Decachlor...	10.061	8.558	91011384	54713608	45.818	48.945
Target Compounds							
3)	L1 AR-1016-1	5.490	4.642	29875920	20788784	516.056	493.443
4)	L1 AR-1016-2	5.512	4.660	43325164	29260404	505.735	482.773
5)	L1 AR-1016-3	5.574	4.836	27456968	15970056	503.405	493.407
6)	L1 AR-1016-4	5.673	4.878	22057010	13644167	507.971	486.156
7)	L1 AR-1016-5	5.968	5.091	23007898	17858893	501.821	499.169
8)	L2 AR-1221-1	4.523	3.772	3033341	2360820	151.428	135.746
9)	L2 AR-1221-2	4.616	3.859	4443585	3426805	292.451	265.190
10)	L2 AR-1221-3	4.691	3.934	17066917	13359586	366.901	329.310
11)	L3 AR-1232-1	4.691	3.934	17066917	13359586	440.216	405.952
12)	L3 AR-1232-2	5.221	4.660	22896304	29260404	1131.743	1055.340
13)	L3 AR-1232-3	5.512	4.836	43325164	15970056	1112.249	1127.605
14)	L3 AR-1232-4	5.673	4.919	22057010	16767747	1127.924	1180.585
15)	L3 AR-1232-5	5.765	5.091	18593519	17858893	1173.834	1164.444
16)	L4 AR-1242-1	5.490	4.642	29875920	20788784	613.039	587.868
17)	L4 AR-1242-2	5.512	4.660	43325164	29260404	607.231	575.896
18)	L4 AR-1242-3	5.574	4.836	27456968	15970056	603.129	591.819
19)	L4 AR-1242-4	5.673	4.919	22057010	16767747	617.110	572.289
20)	L4 AR-1242-5	6.413	5.443	6684801	16751486	156.369	519.205 #
21)	L5 AR-1248-1	5.490	4.642	29875920	20788784	838.990	800.691
22)	L5 AR-1248-2	5.765	4.878	18593519	13644167	333.030	350.760
23)	L5 AR-1248-3	5.968	4.919	23007898	16767747	378.108	411.182
24)	L5 AR-1248-4	6.374	5.091	7941765	17858893	114.972	381.358 #
25)	L5 AR-1248-5	6.413	5.483	6684801	4000341	98.385	96.867
26)	L6 AR-1254-1	6.348	5.443	20084144	16751486	266.082	233.421
27)	L6 AR-1254-2	6.567	5.591	17516389	11829852	150.965	193.992 #
28)	L6 AR-1254-3	6.935	6.009	8671484	21121130	70.715	228.152 #
29)	L6 AR-1254-4	7.221	6.224	5584333	1396110	61.494	25.898 #
30)	L6 AR-1254-5	7.641	6.641	60877277	37027485	588.858	473.776
31)	L7 AR-1260-1	7.100	6.124	46040519	31696328	467.187	464.953
32)	L7 AR-1260-2	7.358	6.314	52956321	36101520	456.541	471.928
33)	L7 AR-1260-3	7.718	6.467	40671180	34060782	475.122	471.039
34)	L7 AR-1260-4	7.944	6.939	46088178	28633711	466.171	477.489
35)	L7 AR-1260-5	8.260	7.183	92325849	59994879	461.986	469.517
36)	L8 AR-1262-1	7.718	6.733	40671180	15265849	340.755	464.469 #
37)	L8 AR-1262-2	8.260	6.939	92325849	28633711	423.007	401.676
38)	L8 AR-1262-3	8.581	7.465	60364721	14947769	395.102	274.499 #
39)	L8 AR-1262-4	8.659	7.530	16736503	44353936	208.190	458.752 #
40)	L8 AR-1262-5	9.312	8.026	26646963	14890312	321.643	331.374
41)	L9 AR-1268-1	8.581	7.465	60364721	14947769	219.025	88.588 #

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 Acq On : 09 Mar 2023 15:49
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

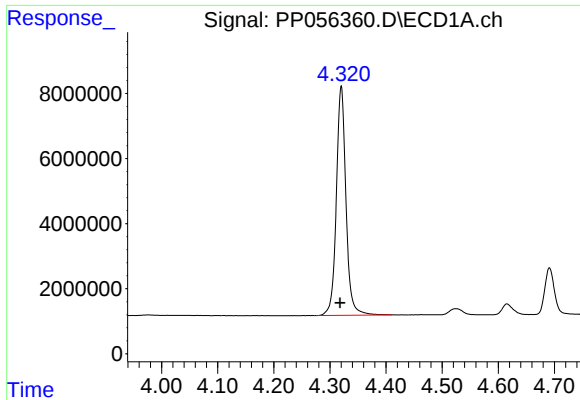
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:30:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
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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
42) L9	AR-1268-2	8.659	7.530	16736503	44353936	64.905	296.594 #
43) L9	AR-1268-3	8.888	7.735	1568633	936309	6.843	6.894
44) L9	AR-1268-4	9.312	8.026	26646963	14890312	285.400	291.772
45) L9	AR-1268-5	9.725	8.311	7602637	4887902	10.475	12.562

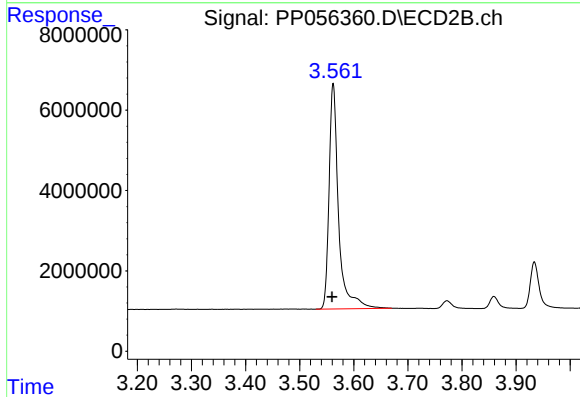
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

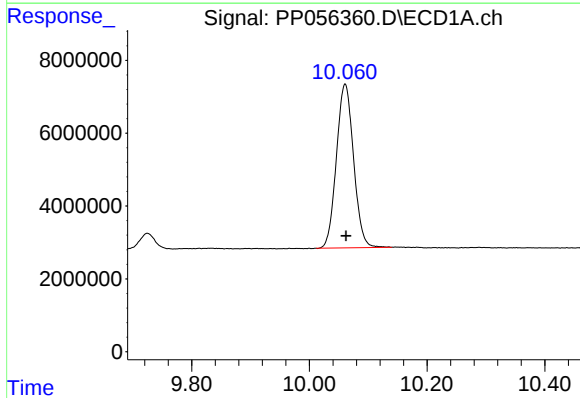
R.T.: 4.320 min
Delta R.T.: 0.002 min
Response: 84045780
Conc: 54.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



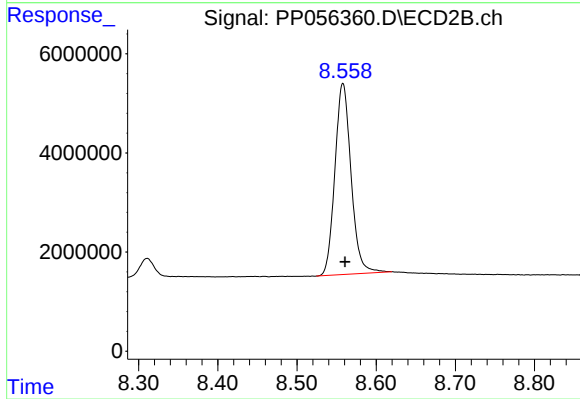
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.002 min
Response: 68511319
Conc: 48.55 ng/ml



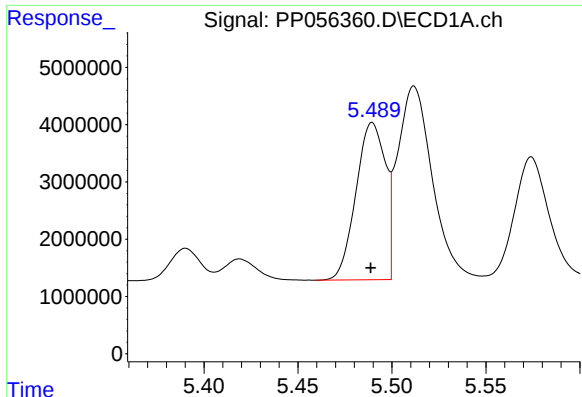
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 91011384
Conc: 45.82 ng/ml



#2 Decachlorobiphenyl

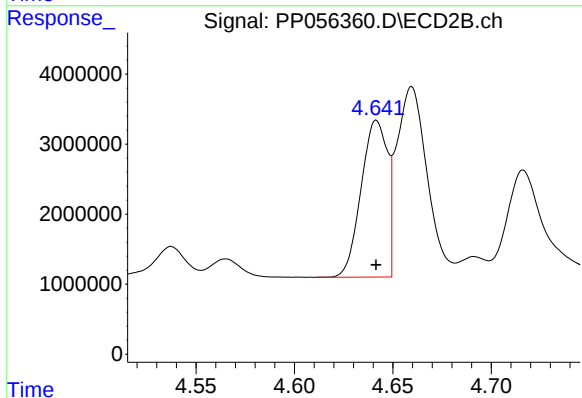
R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 54713608
Conc: 48.94 ng/ml



#3 AR-1016-1

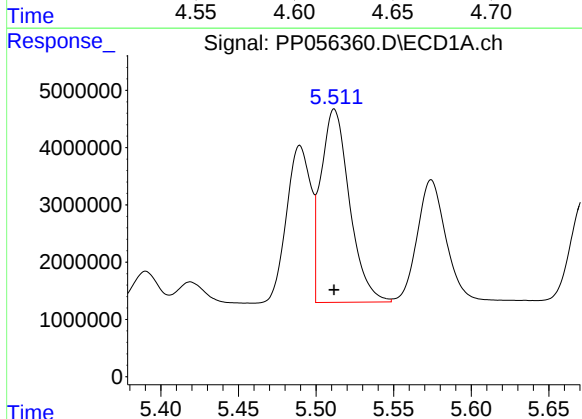
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 29875920
Conc: 516.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



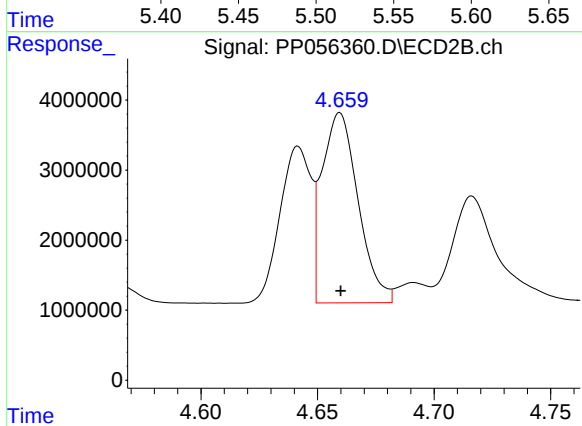
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 20788784
Conc: 493.44 ng/ml



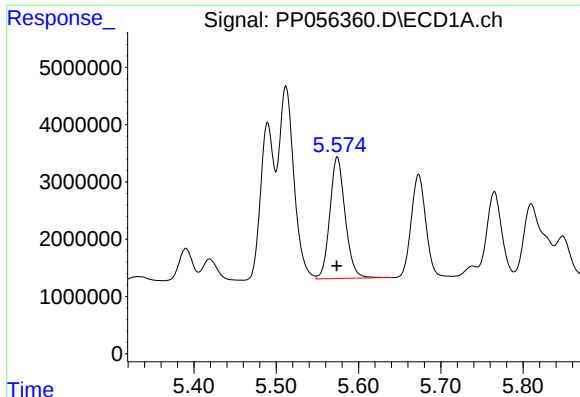
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 43325164
Conc: 505.73 ng/ml



#4 AR-1016-2

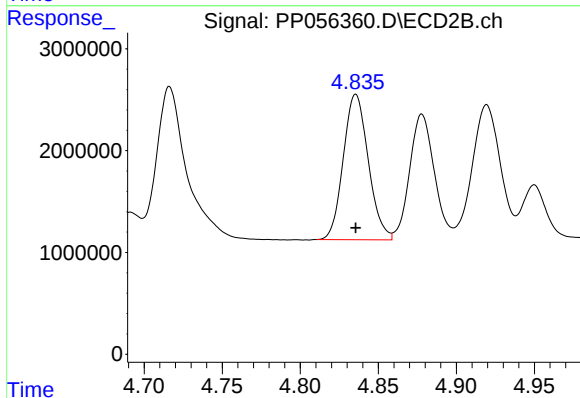
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 29260404
Conc: 482.77 ng/ml



#5 AR-1016-3

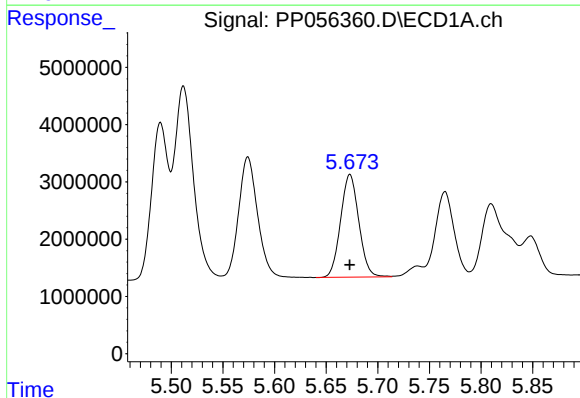
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 27456968
Conc: 503.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



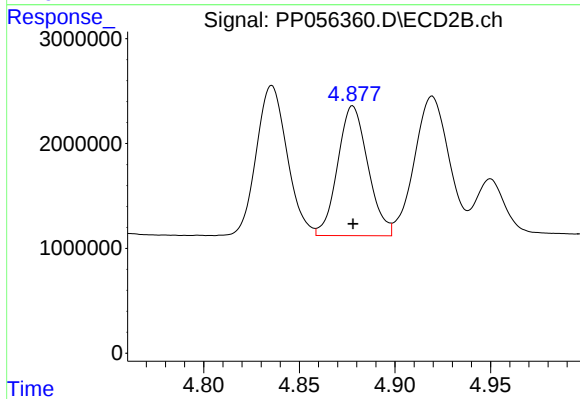
#5 AR-1016-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 15970056
Conc: 493.41 ng/ml



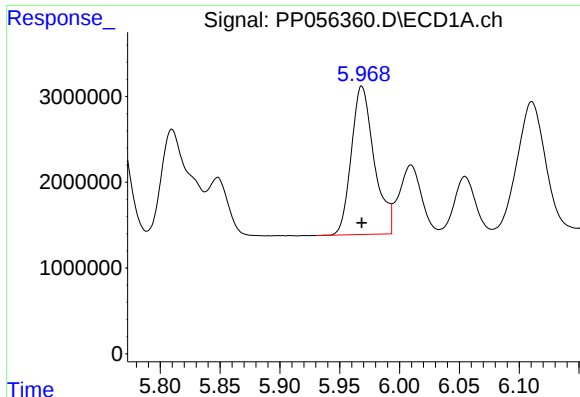
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 22057010
Conc: 507.97 ng/ml



#6 AR-1016-4

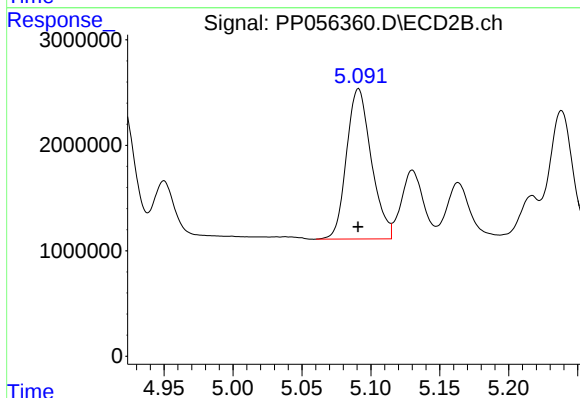
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 13644167
Conc: 486.16 ng/ml



#7 AR-1016-5

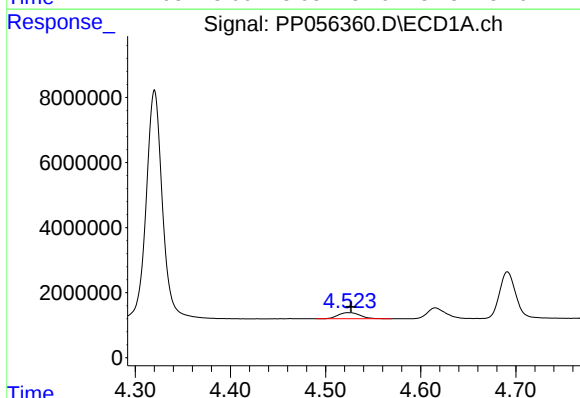
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 23007898
Conc: 501.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



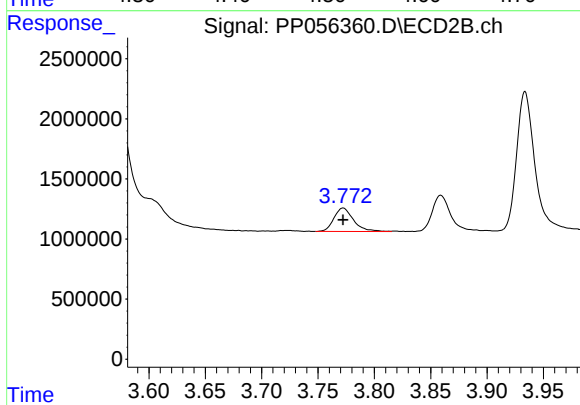
#7 AR-1016-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 17858893
Conc: 499.17 ng/ml



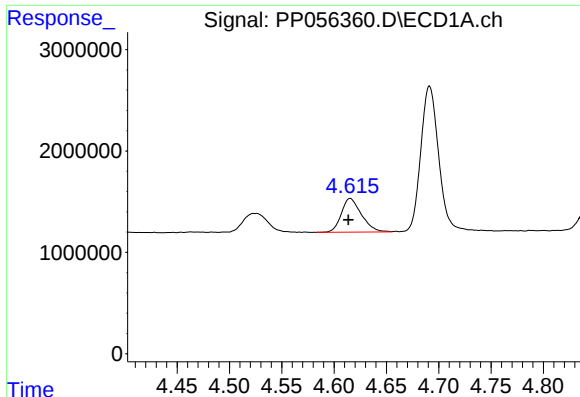
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 3033341
Conc: 151.43 ng/ml



#8 AR-1221-1

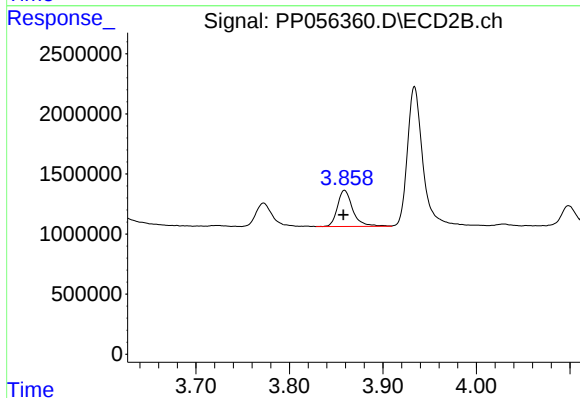
R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2360820
Conc: 135.75 ng/ml



#9 AR-1221-2

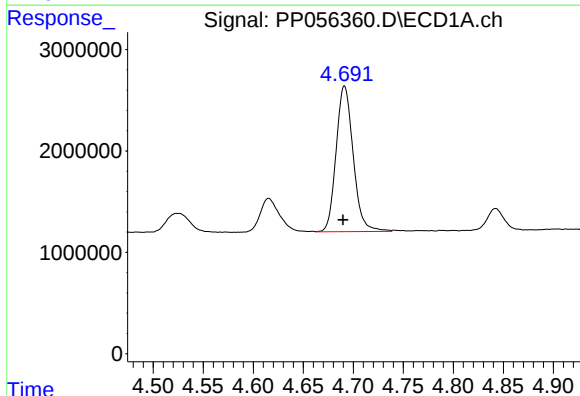
R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 4443585
Conc: 292.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



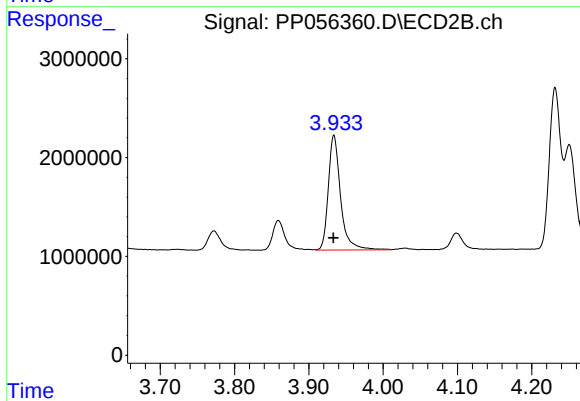
#9 AR-1221-2

R.T.: 3.859 min
Delta R.T.: 0.001 min
Response: 3426805
Conc: 265.19 ng/ml



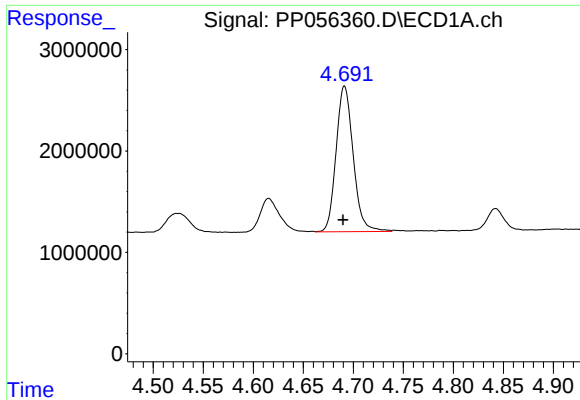
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 17066917
Conc: 366.90 ng/ml



#10 AR-1221-3

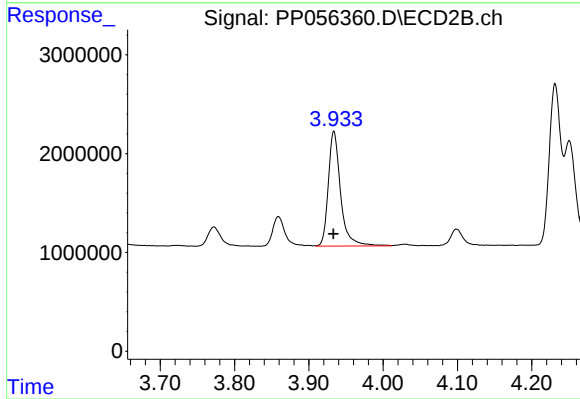
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 13359586
Conc: 329.31 ng/ml



#11 AR-1232-1

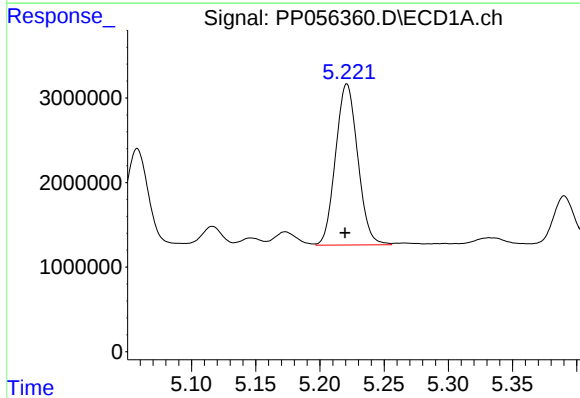
R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 17066917
Conc: 440.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



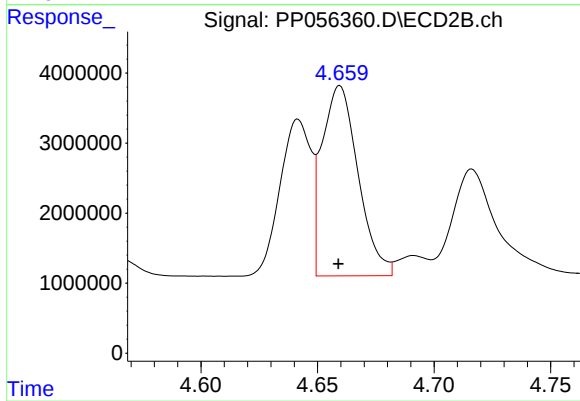
#11 AR-1232-1

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 13359586
Conc: 405.95 ng/ml



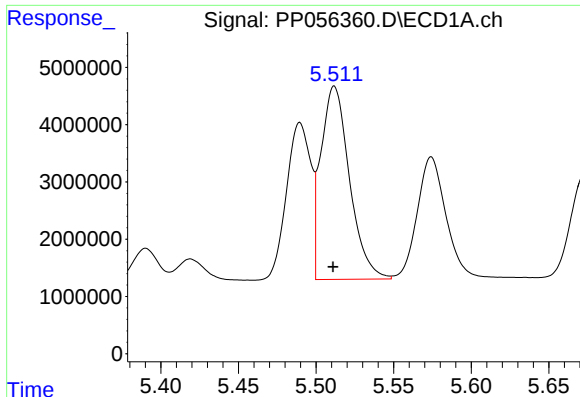
#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 22896304
Conc: 1131.74 ng/ml



#12 AR-1232-2

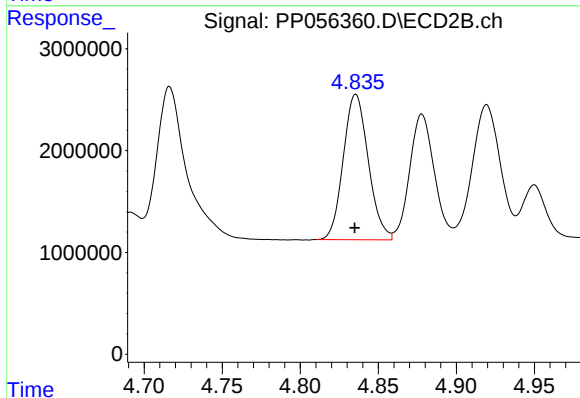
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 29260404
Conc: 1055.34 ng/ml



#13 AR-1232-3

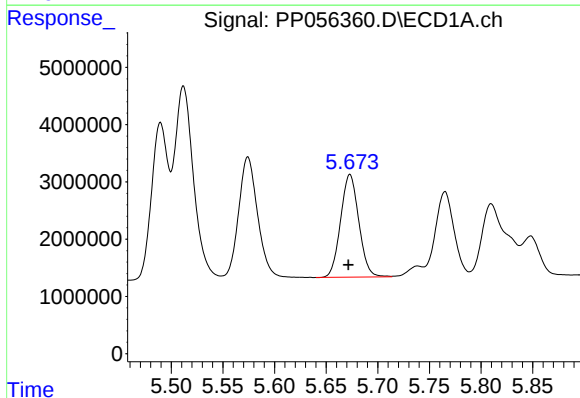
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 43325164
Conc: 1112.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



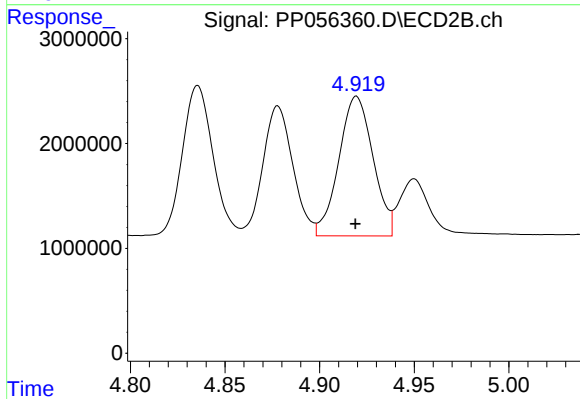
#13 AR-1232-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 15970056
Conc: 1127.60 ng/ml



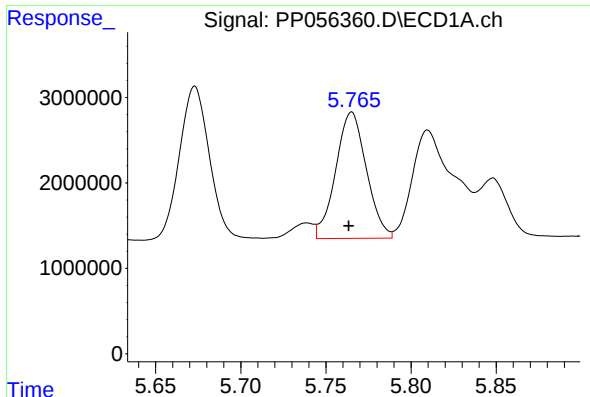
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 22057010
Conc: 1127.92 ng/ml



#14 AR-1232-4

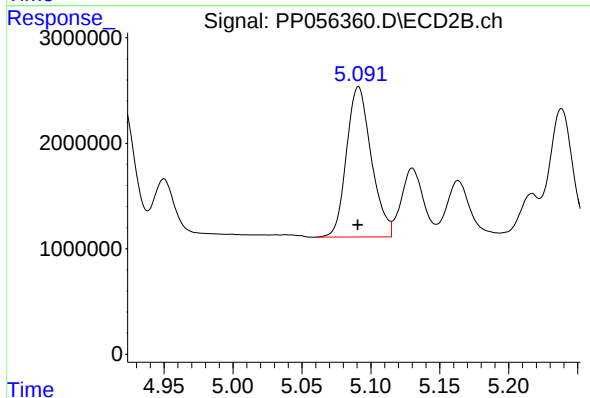
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 16767747
Conc: 1180.58 ng/ml



#15 AR-1232-5

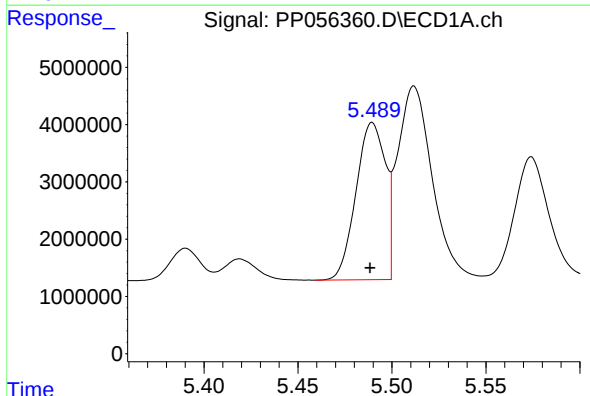
R.T.: 5.765 min
Delta R.T.: 0.002 min
Response: 18593519
Conc: 1173.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



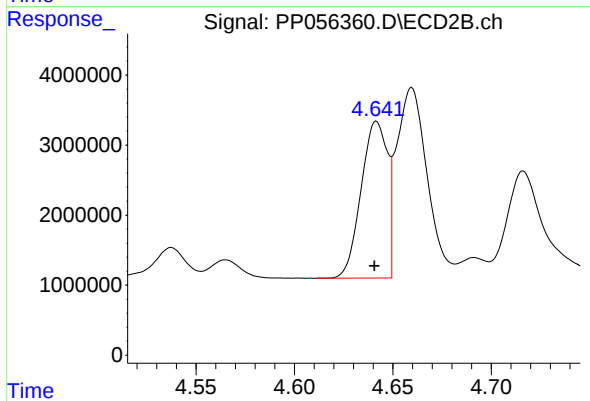
#15 AR-1232-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 17858893
Conc: 1164.44 ng/ml



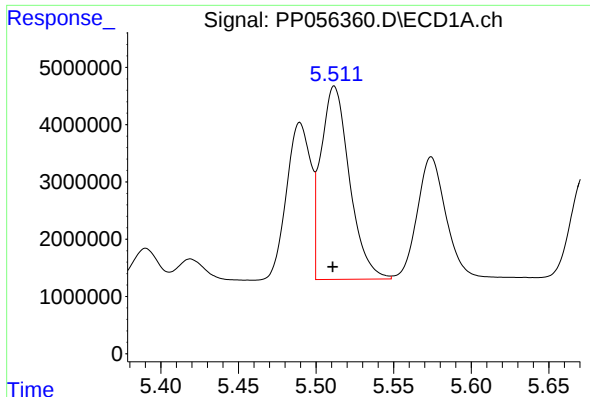
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 29875920
Conc: 613.04 ng/ml



#16 AR-1242-1

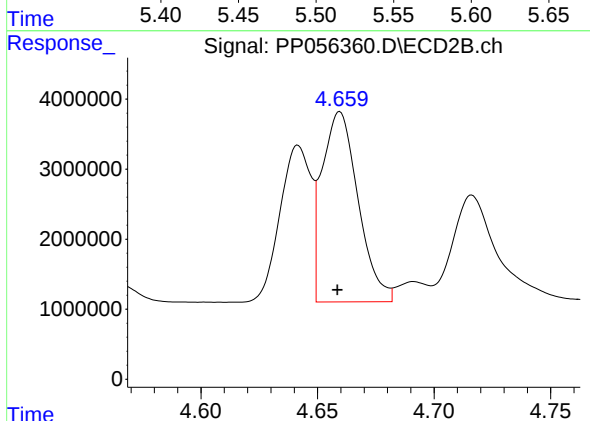
R.T.: 4.642 min
Delta R.T.: 0.001 min
Response: 20788784
Conc: 587.87 ng/ml



#17 AR-1242-2

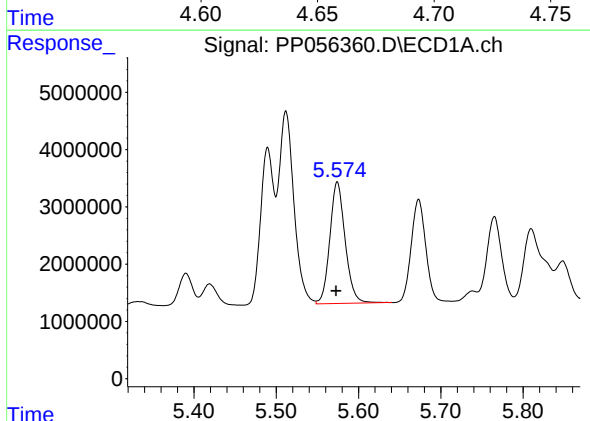
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 43325164
Conc: 607.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



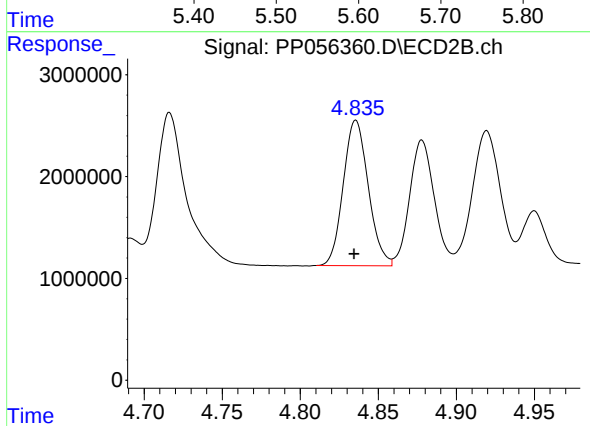
#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: 0.001 min
Response: 29260404
Conc: 575.90 ng/ml



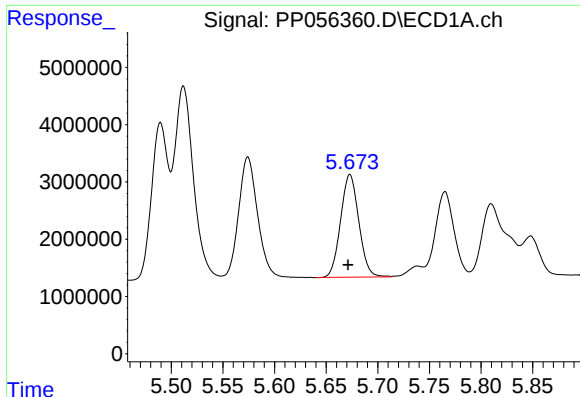
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.002 min
Response: 27456968
Conc: 603.13 ng/ml



#18 AR-1242-3

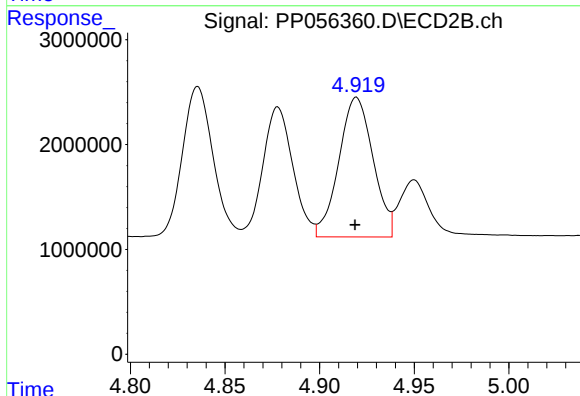
R.T.: 4.836 min
Delta R.T.: 0.001 min
Response: 15970056
Conc: 591.82 ng/ml



#19 AR-1242-4

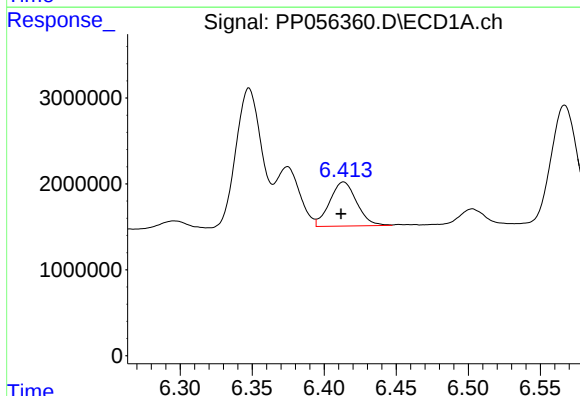
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 22057010
Conc: 617.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



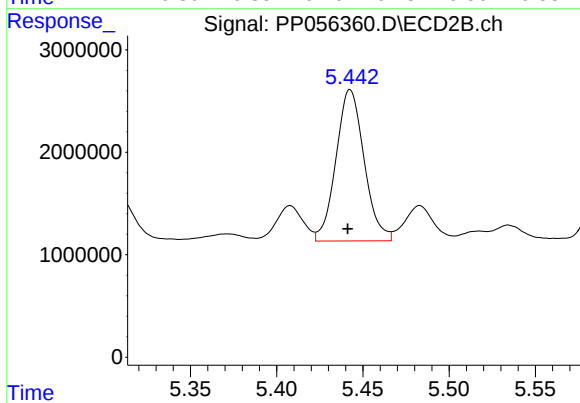
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 16767747
Conc: 572.29 ng/ml



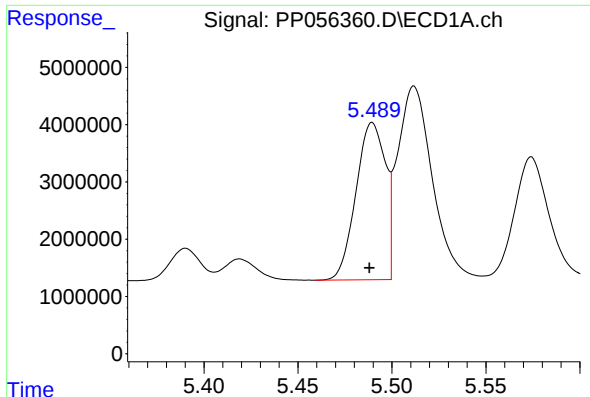
#20 AR-1242-5

R.T.: 6.413 min
Delta R.T.: 0.002 min
Response: 6684801
Conc: 156.37 ng/ml



#20 AR-1242-5

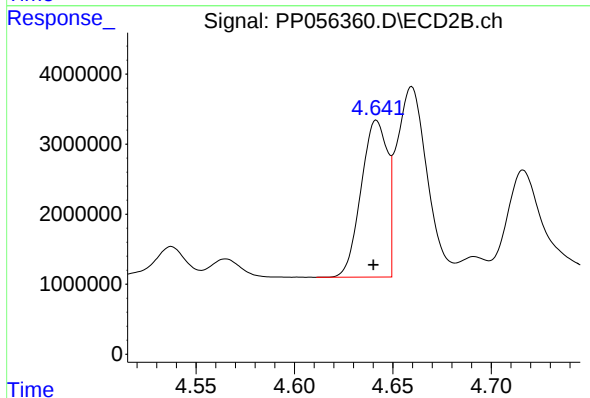
R.T.: 5.443 min
Delta R.T.: 0.001 min
Response: 16751486
Conc: 519.21 ng/ml



#21 AR-1248-1

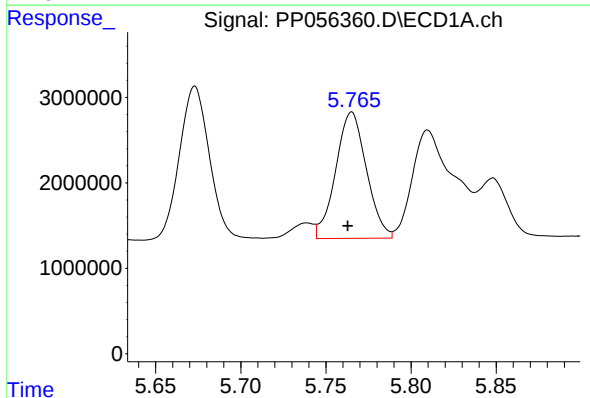
R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 29875920
Conc: 838.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



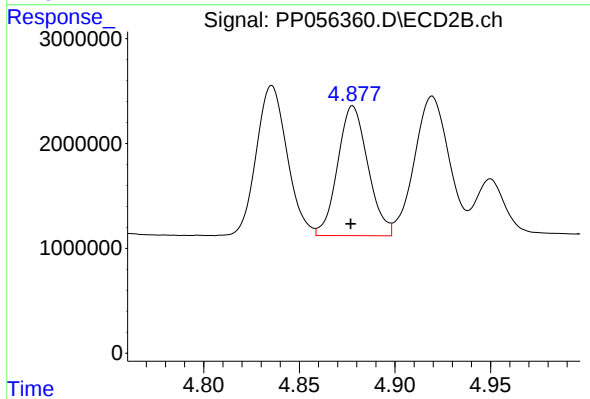
#21 AR-1248-1

R.T.: 4.642 min
Delta R.T.: 0.002 min
Response: 20788784
Conc: 800.69 ng/ml



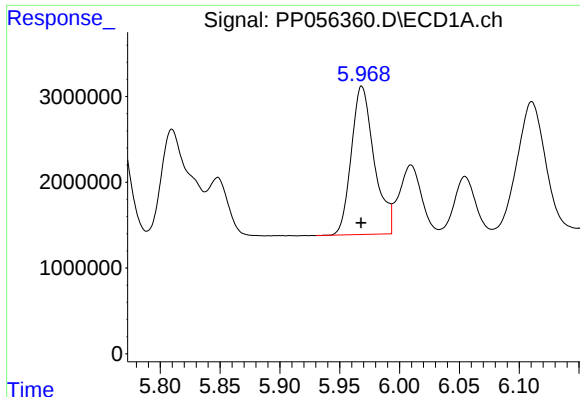
#22 AR-1248-2

R.T.: 5.765 min
Delta R.T.: 0.002 min
Response: 18593519
Conc: 333.03 ng/ml



#22 AR-1248-2

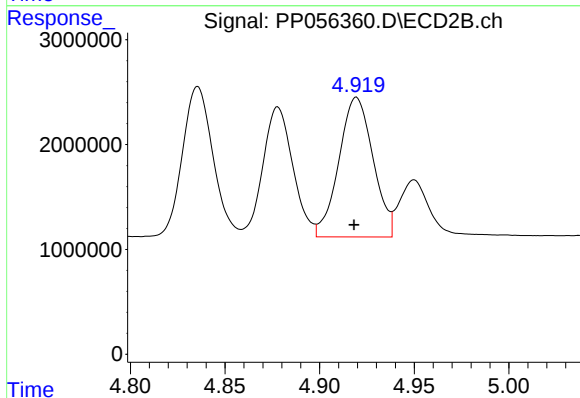
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 13644167
Conc: 350.76 ng/ml



#23 AR-1248-3

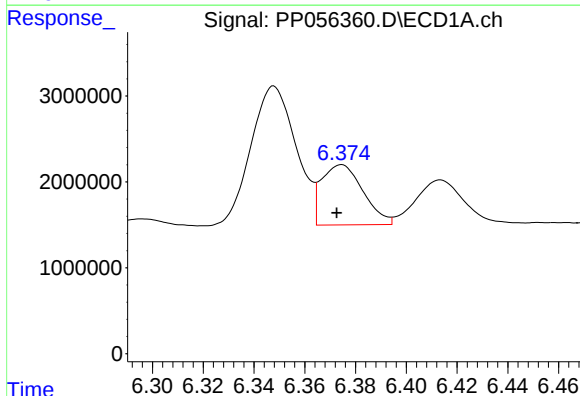
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 23007898
Conc: 378.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



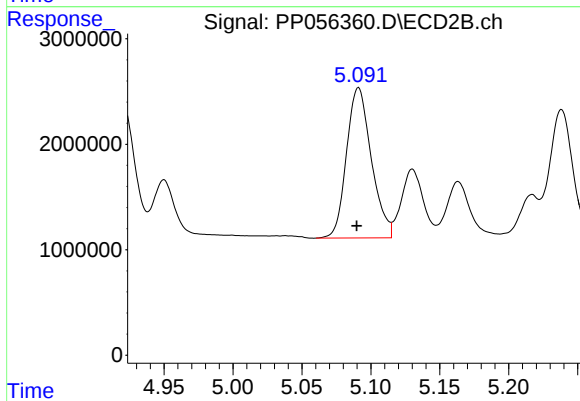
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 16767747
Conc: 411.18 ng/ml



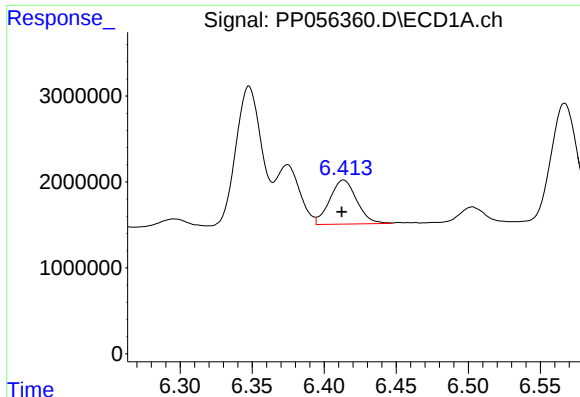
#24 AR-1248-4

R.T.: 6.374 min
Delta R.T.: 0.002 min
Response: 7941765
Conc: 114.97 ng/ml



#24 AR-1248-4

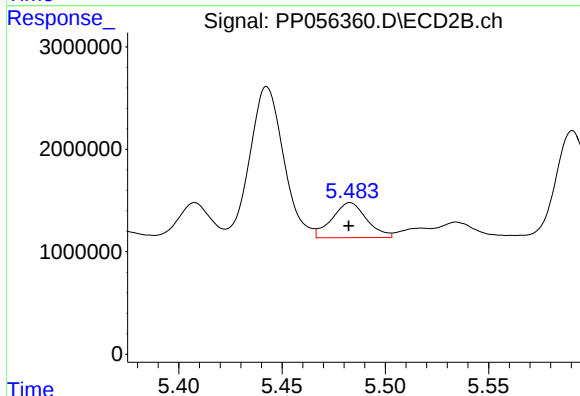
R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 17858893
Conc: 381.36 ng/ml



#25 AR-1248-5

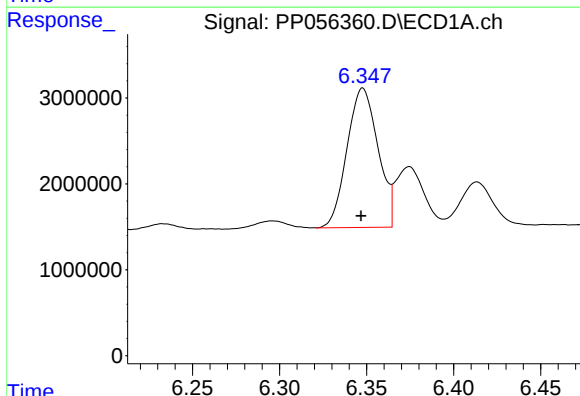
R.T.: 6.413 min
Delta R.T.: 0.001 min
Response: 6684801
Conc: 98.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



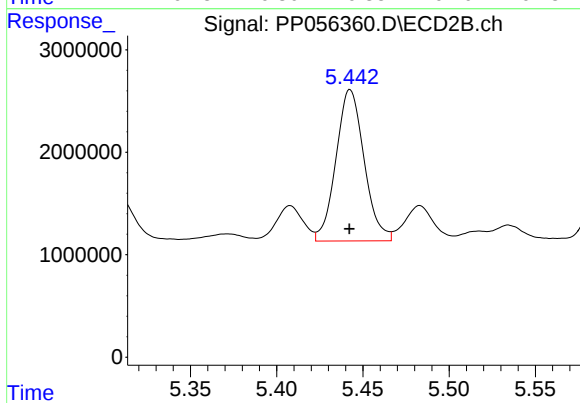
#25 AR-1248-5

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 4000341
Conc: 96.87 ng/ml



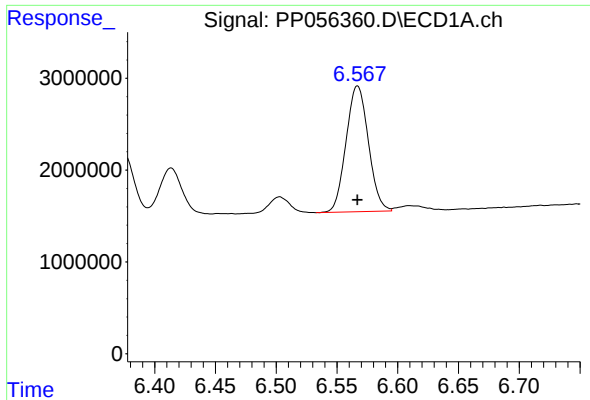
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.001 min
Response: 20084144
Conc: 266.08 ng/ml



#26 AR-1254-1

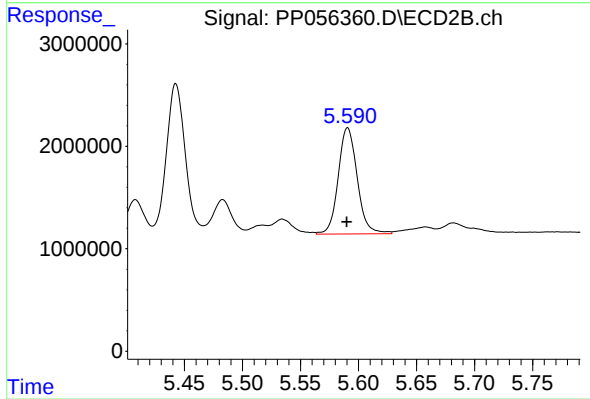
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 16751486
Conc: 233.42 ng/ml



#27 AR-1254-2

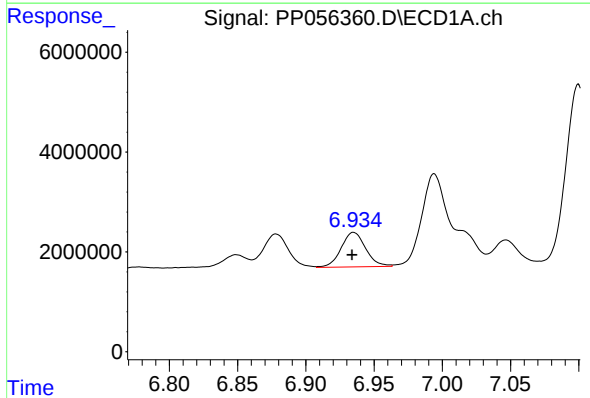
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 17516389
Conc: 150.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



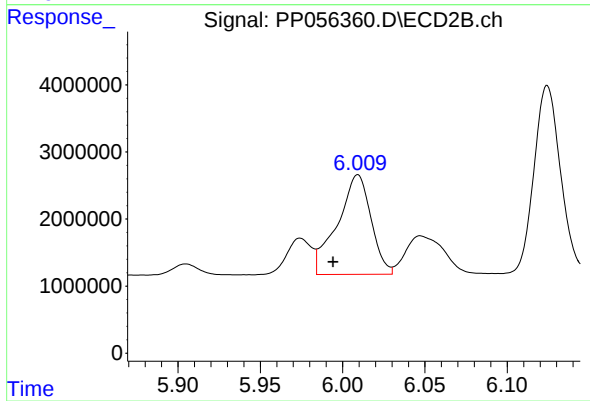
#27 AR-1254-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 11829852
Conc: 193.99 ng/ml



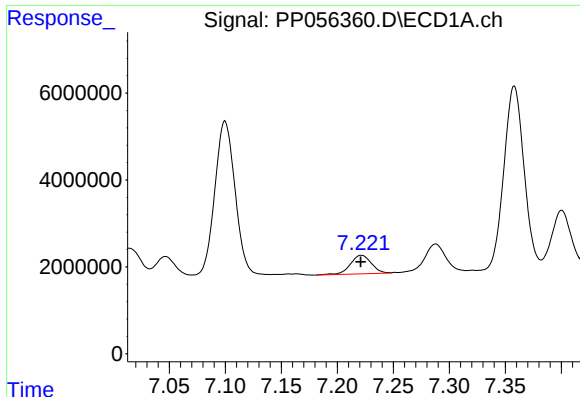
#28 AR-1254-3

R.T.: 6.935 min
Delta R.T.: 0.001 min
Response: 8671484
Conc: 70.72 ng/ml



#28 AR-1254-3

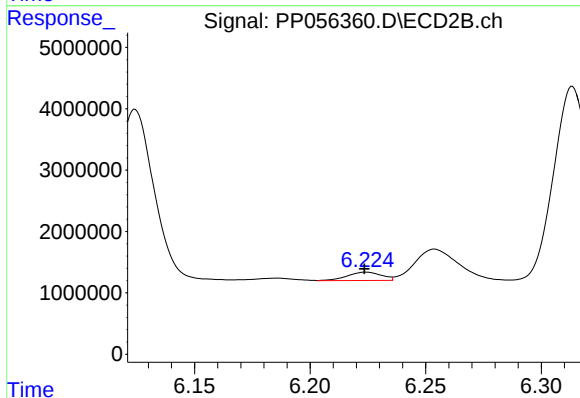
R.T.: 6.009 min
Delta R.T.: 0.015 min
Response: 21121130
Conc: 228.15 ng/ml



#29 AR-1254-4

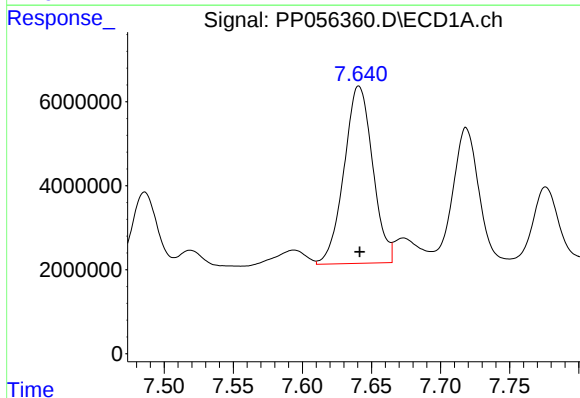
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 5584333
Conc: 61.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



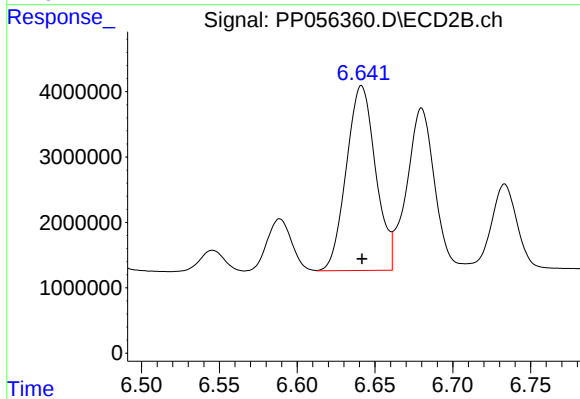
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1396110
Conc: 25.90 ng/ml



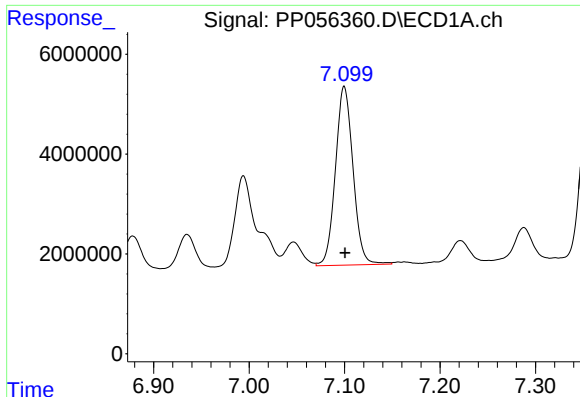
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 60877277
Conc: 588.86 ng/ml



#30 AR-1254-5

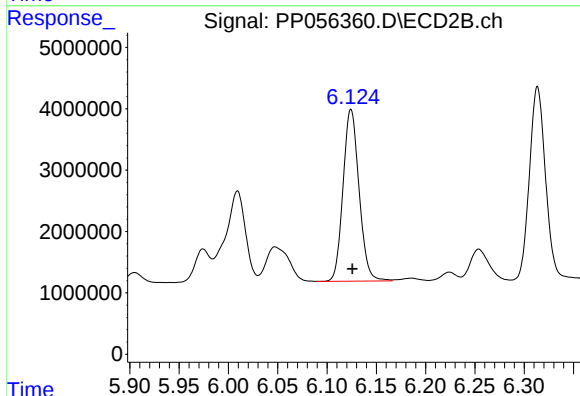
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 37027485
Conc: 473.78 ng/ml



#31 AR-1260-1

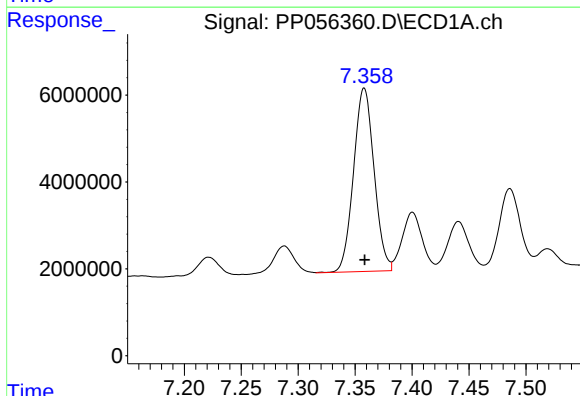
R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 46040519
Conc: 467.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



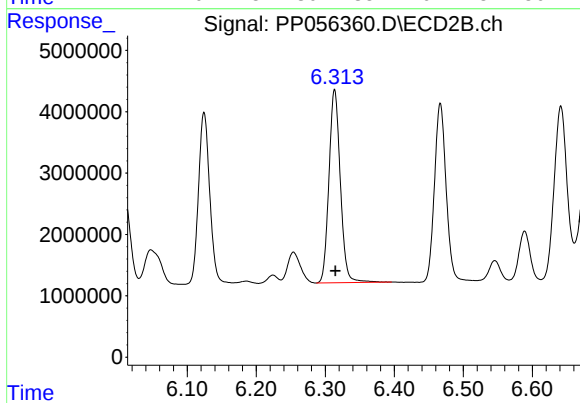
#31 AR-1260-1

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 31696328
Conc: 464.95 ng/ml



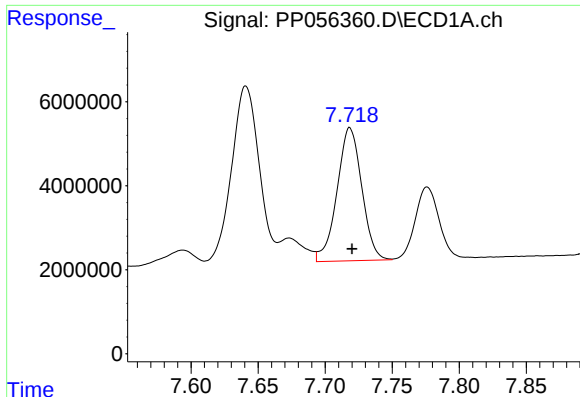
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 52956321
Conc: 456.54 ng/ml



#32 AR-1260-2

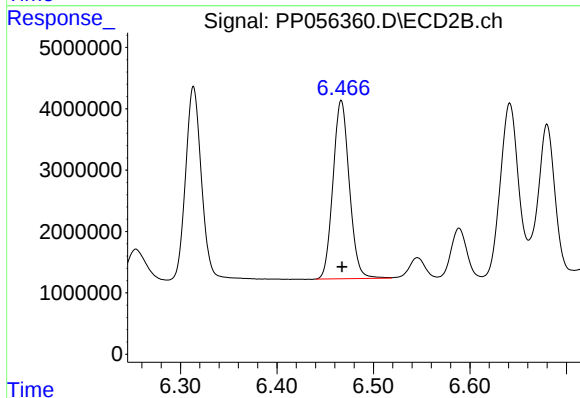
R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 36101520
Conc: 471.93 ng/ml



#33 AR-1260-3

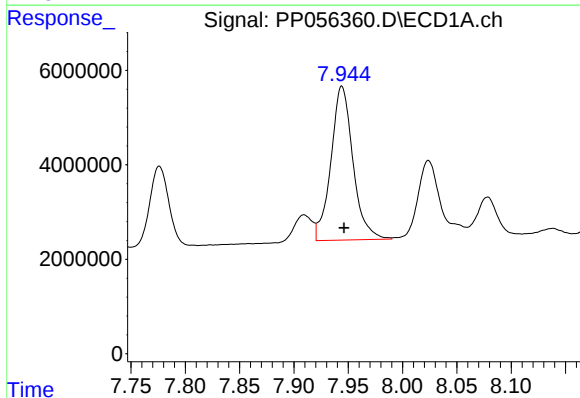
R.T.: 7.718 min
Delta R.T.: -0.002 min
Response: 40671180
Conc: 475.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



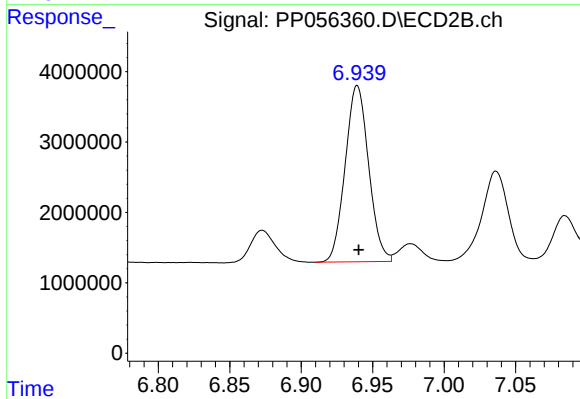
#33 AR-1260-3

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 34060782
Conc: 471.04 ng/ml



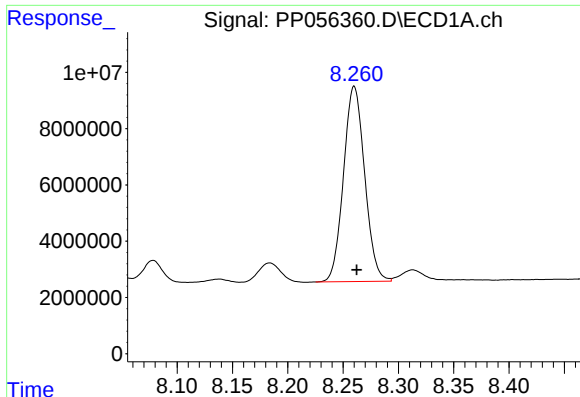
#34 AR-1260-4

R.T.: 7.944 min
Delta R.T.: -0.002 min
Response: 46088178
Conc: 466.17 ng/ml



#34 AR-1260-4

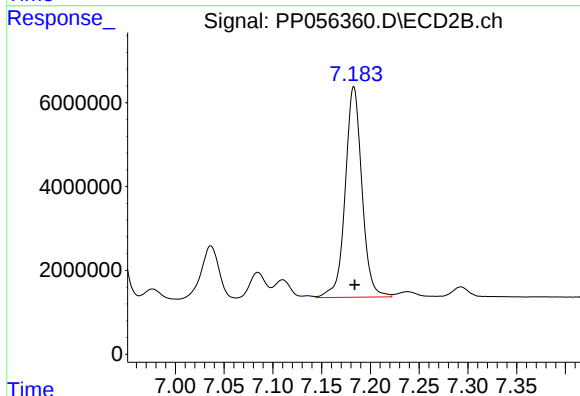
R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 28633711
Conc: 477.49 ng/ml



#35 AR-1260-5

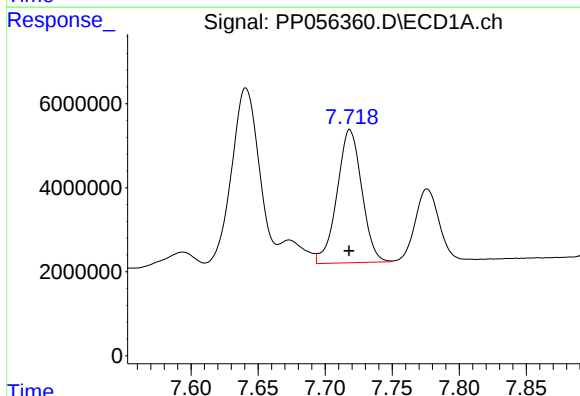
R.T.: 8.260 min
Delta R.T.: -0.002 min
Response: 92325849
Conc: 461.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



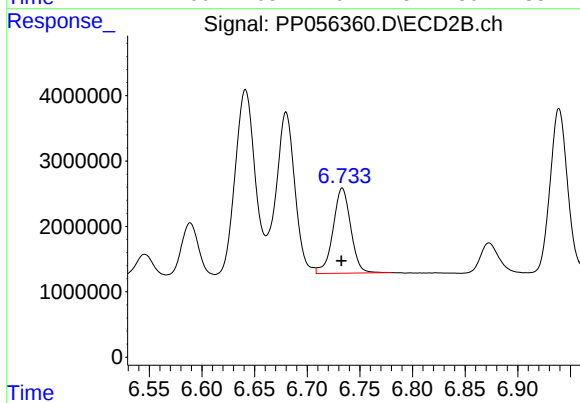
#35 AR-1260-5

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 59994879
Conc: 469.52 ng/ml



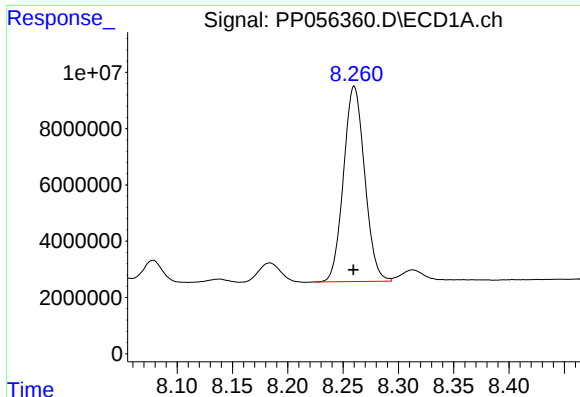
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 40671180
Conc: 340.75 ng/ml



#36 AR-1262-1

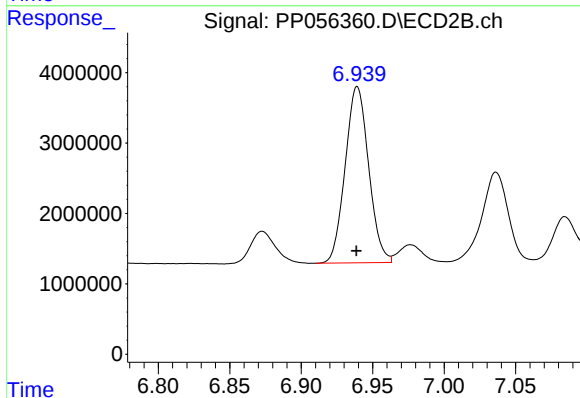
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 15265849
Conc: 464.47 ng/ml



#37 AR-1262-2

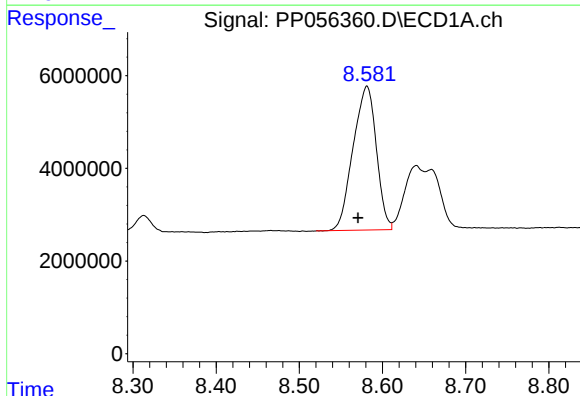
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 92325849
Conc: 423.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



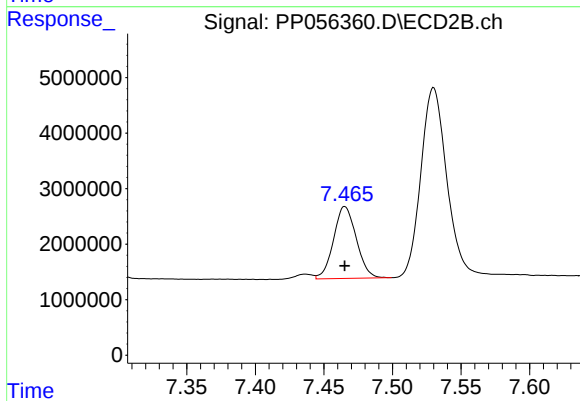
#37 AR-1262-2

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 28633711
Conc: 401.68 ng/ml



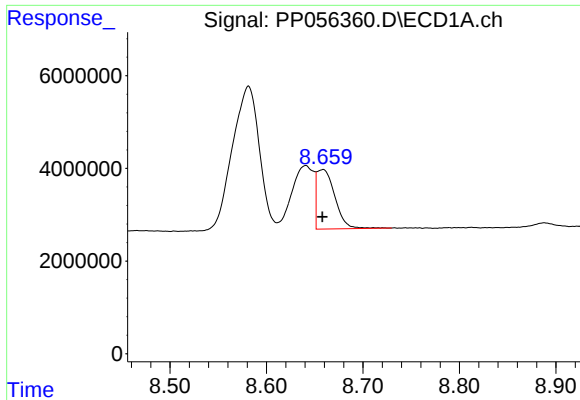
#38 AR-1262-3

R.T.: 8.581 min
Delta R.T.: 0.010 min
Response: 60364721
Conc: 395.10 ng/ml



#38 AR-1262-3

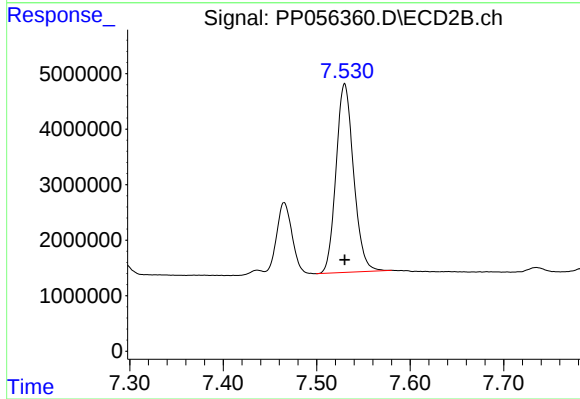
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 14947769
Conc: 274.50 ng/ml



#39 AR-1262-4

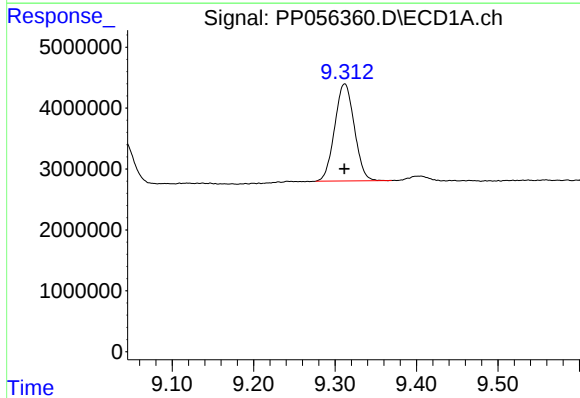
R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 16736503
Conc: 208.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



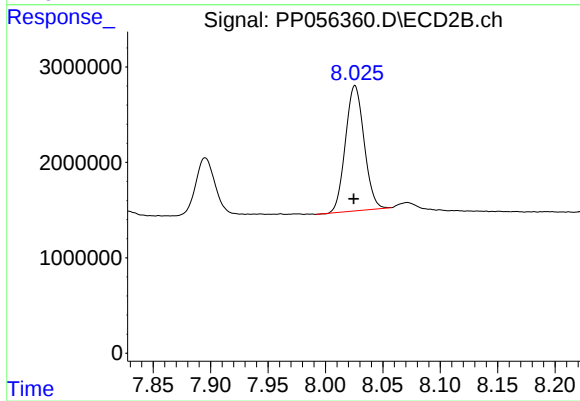
#39 AR-1262-4

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 44353936
Conc: 458.75 ng/ml



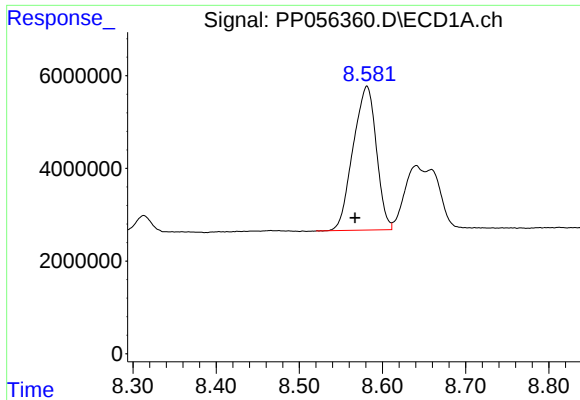
#40 AR-1262-5

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 26646963
Conc: 321.64 ng/ml



#40 AR-1262-5

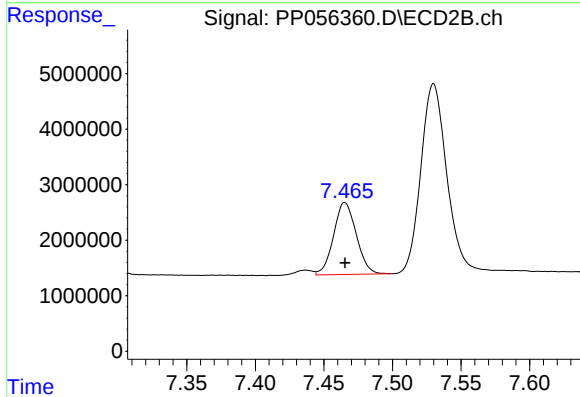
R.T.: 8.026 min
Delta R.T.: 0.001 min
Response: 14890312
Conc: 331.37 ng/ml



#41 AR-1268-1

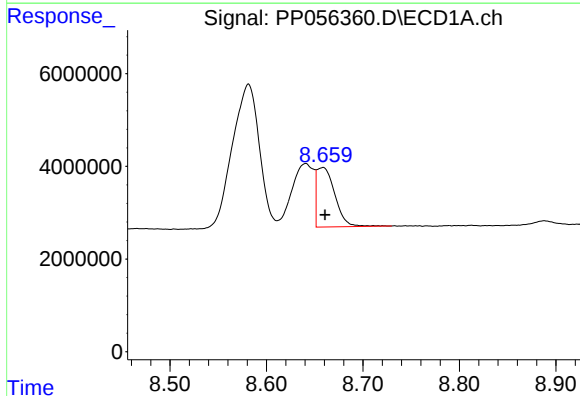
R.T.: 8.581 min
Delta R.T.: 0.014 min
Response: 60364721
Conc: 219.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



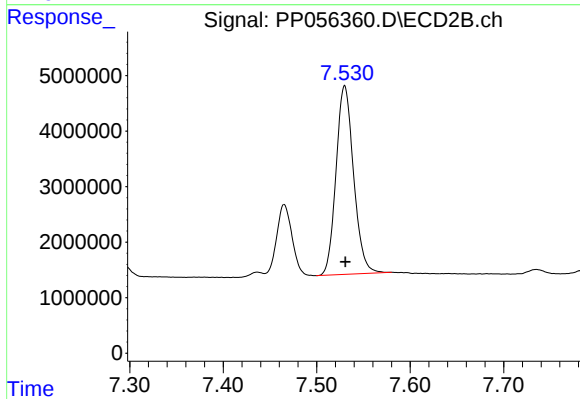
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 14947769
Conc: 88.59 ng/ml



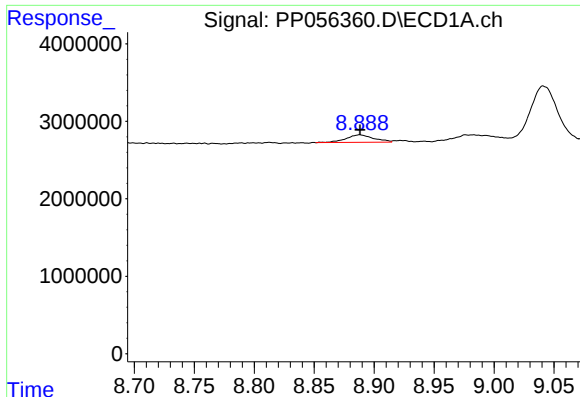
#42 AR-1268-2

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 16736503
Conc: 64.91 ng/ml



#42 AR-1268-2

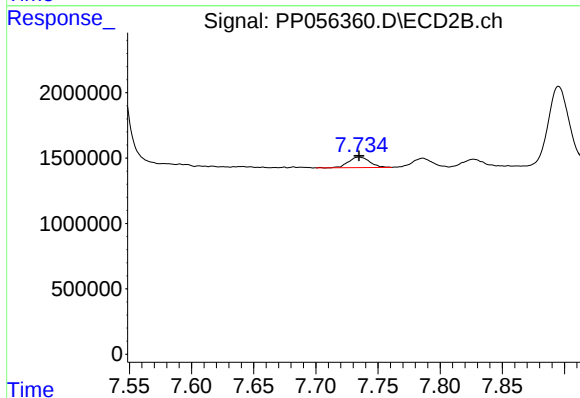
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 44353936
Conc: 296.59 ng/ml



#43 AR-1268-3

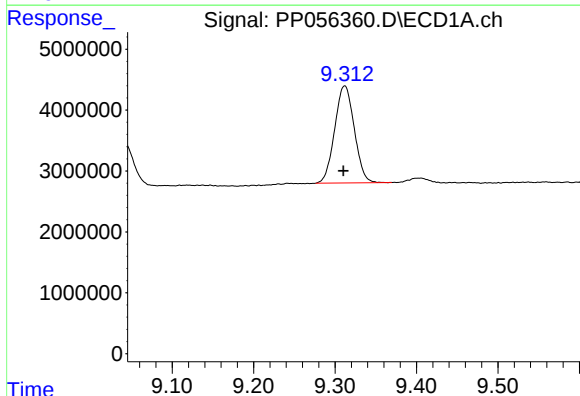
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 1568633
Conc: 6.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



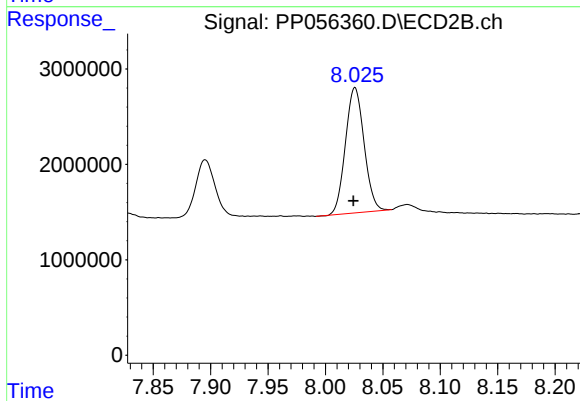
#43 AR-1268-3

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 936309
Conc: 6.89 ng/ml



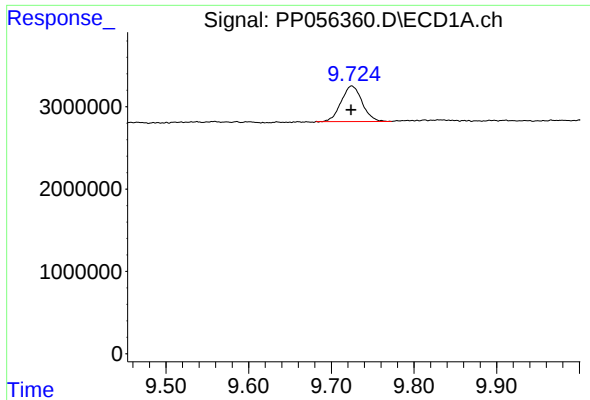
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.001 min
Response: 26646963
Conc: 285.40 ng/ml



#44 AR-1268-4

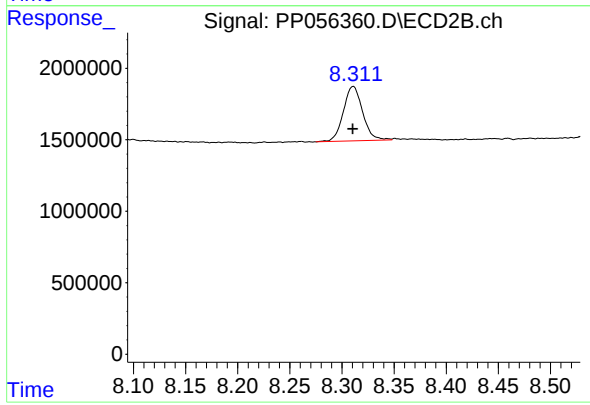
R.T.: 8.026 min
Delta R.T.: 0.002 min
Response: 14890312
Conc: 291.77 ng/ml



#45 AR-1268-5

R.T.: 9.725 min
Delta R.T.: 0.000 min
Response: 7602637
Conc: 10.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4887902
Conc: 12.56 ng/ml