

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081822\
 Data File : PP050685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 10:03
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 22:39:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 2022
 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...	4.343	3.589	80449031	164.9E6	49.979	52.636
2)	SA Decachlor...	10.092	8.551	81497772	75564357	46.282	49.097
Target Compounds							
3)	L1 AR-1016-1	5.520	4.660	19174579	32215799	306.229	316.944
4)	L1 AR-1016-2	5.543	4.678	22512309	34135279	254.222	235.997
5)	L1 AR-1016-3	5.604	4.854	10475016	21884624	191.663	288.399 #
6)	L1 AR-1016-4	5.703	4.894	12952377	40702704	280.877	698.568 #
7)	L1 AR-1016-5	5.998	5.106	30953938	52304189	692.792	684.557
8)	L2 AR-1221-1	4.563	3.796	548722	464075	27.773	12.142 #
9)	L2 AR-1221-2	4.651	3.885	1817175	2698677	122.373	94.506
10)	L2 AR-1221-3	4.720	3.958	1831015	2923167	40.697	34.145
11)	L3 AR-1232-1	4.720	3.958	1831015	2923167	48.982	41.874
12)	L3 AR-1232-2	5.250	4.678	7864030	34135279	434.220	530.951
13)	L3 AR-1232-3	5.543	4.854	22512309	21884624	571.733	652.491
14)	L3 AR-1232-4	5.703	4.935	12952377	45183657	640.165	1533.735 #
15)	L3 AR-1232-5	5.793	5.106	27362197	52304189	1750.215	1588.316
16)	L4 AR-1242-1	5.520	4.660	19174579	32215799	378.332	388.611
17)	L4 AR-1242-2	5.543	4.678	22512309	34135279	311.634	292.305
18)	L4 AR-1242-3	5.604	4.854	10475016	21884624	236.866	356.889 #
19)	L4 AR-1242-4	5.703	4.935	12952377	45183657	347.582	771.848 #
20)	L4 AR-1242-5	6.444	5.455	35684147	71967669	845.568	1035.360
21)	L5 AR-1248-1	5.520	4.660	19174579	32215799	474.885	482.024
22)	L5 AR-1248-2	5.793	4.894	27362197	40702704	489.780	471.182
23)	L5 AR-1248-3	5.998	4.935	30953938	45183657	483.885	498.412
24)	L5 AR-1248-4	6.405	5.106	37519203	52304189	474.307	496.251
25)	L5 AR-1248-5	6.444	5.496	35684147	51247687	470.059	516.148
26)	L6 AR-1254-1	6.377	5.455	29441611	71967669	397.939	506.382 #
27)	L6 AR-1254-2	6.602	5.601	36209473	21472137	311.689	181.436 #
28)	L6 AR-1254-3	6.966	6.003	20190574	28504833	162.940	165.657
29)	L6 AR-1254-4	7.253	6.230	16730285	21846434	170.988	207.060
30)	L6 AR-1254-5	7.673	6.646	5048552	5286257	50.322	39.700
31)	L7 AR-1260-1	7.127	6.148	3886264	10152823	42.551	89.596 #
32)	L7 AR-1260-2	7.381	6.318	5349641	3062504	46.824	22.797 #
33)	L7 AR-1260-3	7.736	6.471	1389073	3043171	16.312	25.262 #
34)	L7 AR-1260-4	7.965	6.940	2768677	393320	29.087	4.437 #
35)	L7 AR-1260-5	8.292	7.182	1875797	754488	10.035	3.870 #
36)	L8 AR-1262-1	7.736	6.716f	1389073	335375	11.599	2.482 #
37)	L8 AR-1262-2	8.292	6.940	1875797	393320	8.681	3.620 #
38)	L8 AR-1262-3	8.624f	7.466	1636896	1026819	16.658	14.149
39)	L8 AR-1262-4	0.000	7.526	0	757317	N.D.	5.493 #
40)	L8 AR-1262-5	9.347	0.000	2176095	0	27.568	N.D. #
41)	L9 AR-1268-1	8.624f	7.466	1636896	1026819	6.447	4.673 #

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 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

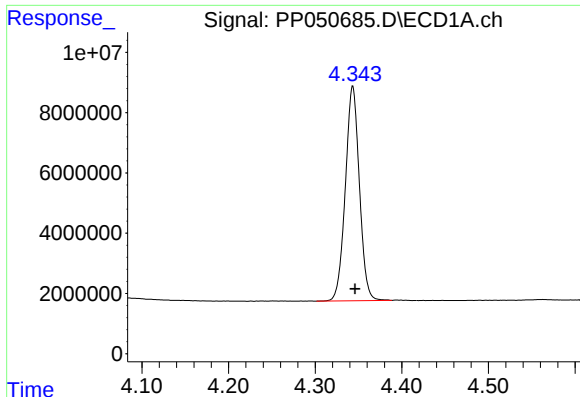
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 22:39:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.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	0.000	7.526	0	757317	N.D.	3.802 #
43) L9	AR-1268-3	8.928	0.000	814771	0	4.103	N.D. #
44) L9	AR-1268-4	9.347	0.000	2176095	0	25.248	N.D. #
45) L9	AR-1268-5	9.777f	8.305	2590517	270288	3.884	0.491 #

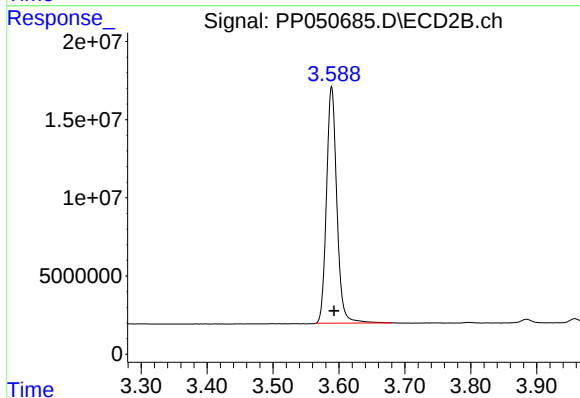
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

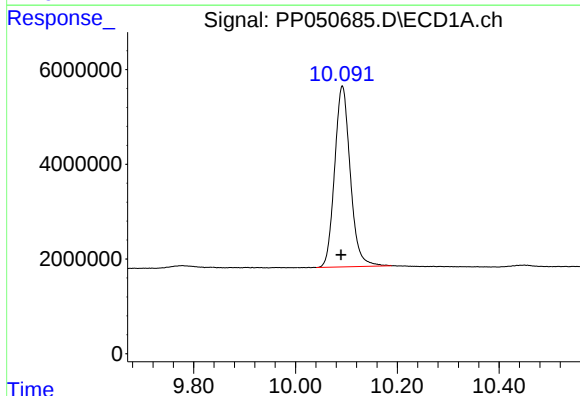
R.T.: 4.343 min
Delta R.T.: -0.003 min
Response: 80449031
Conc: 49.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



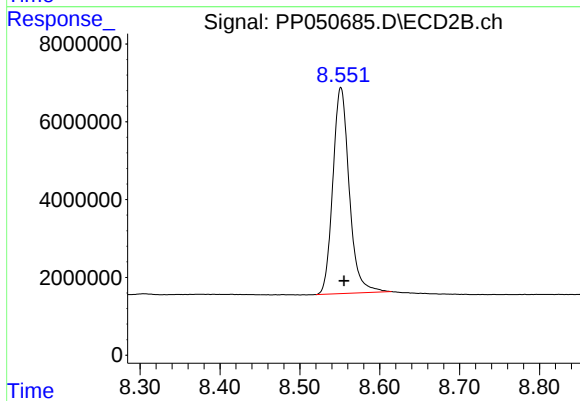
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.004 min
Response: 164866817
Conc: 52.64 ng/ml



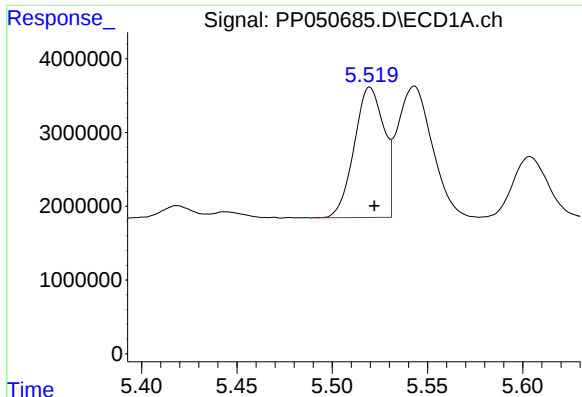
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: 0.002 min
Response: 81497772
Conc: 46.28 ng/ml



#2 Decachlorobiphenyl

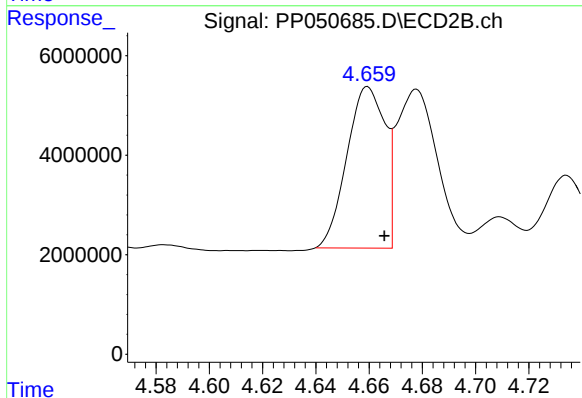
R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 75564357
Conc: 49.10 ng/ml



#3 AR-1016-1

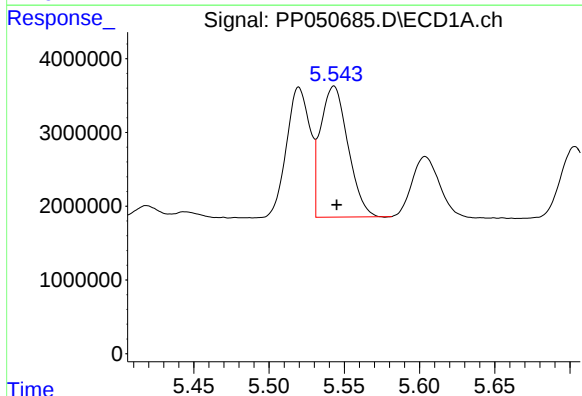
R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 19174579
Conc: 306.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



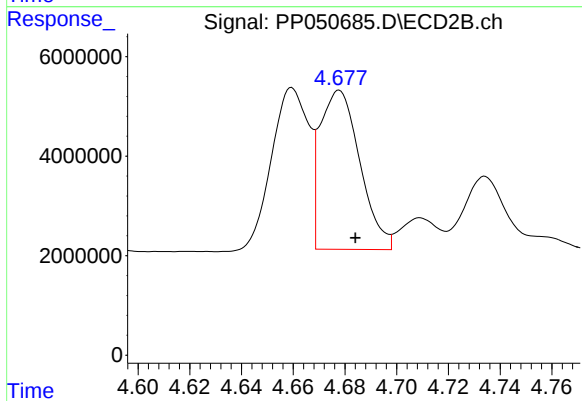
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 32215799
Conc: 316.94 ng/ml



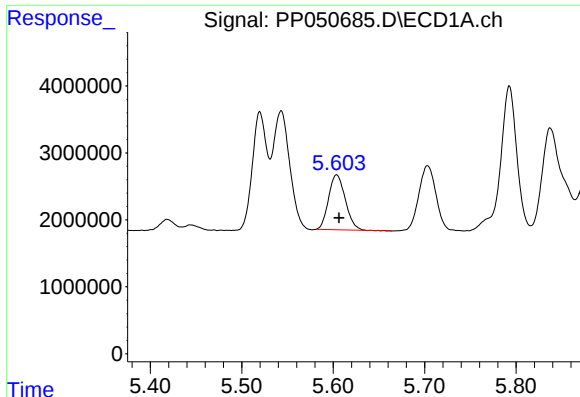
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 22512309
Conc: 254.22 ng/ml



#4 AR-1016-2

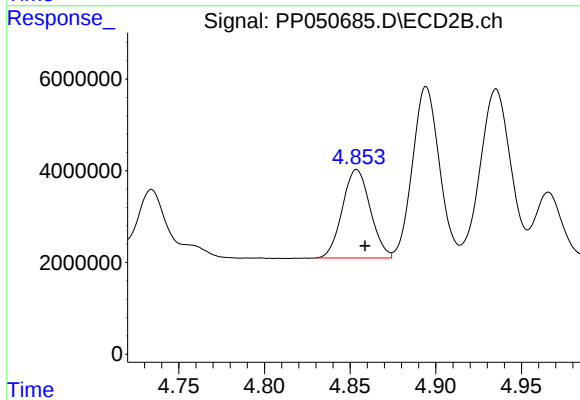
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 34135279
Conc: 236.00 ng/ml



#5 AR-1016-3

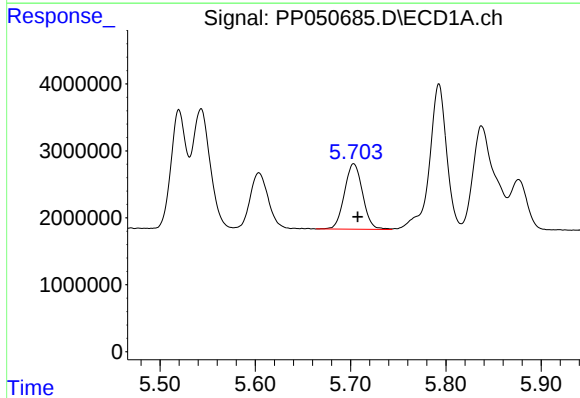
R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 10475016
Conc: 191.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



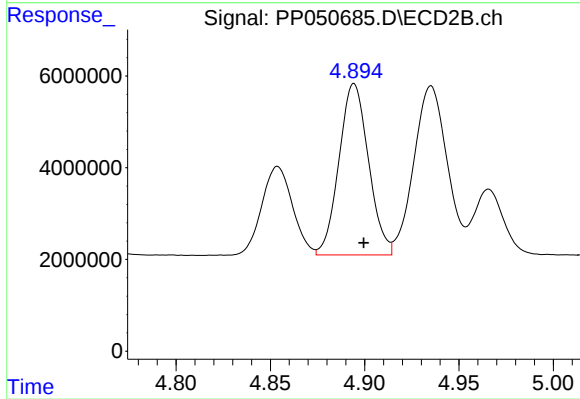
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 21884624
Conc: 288.40 ng/ml



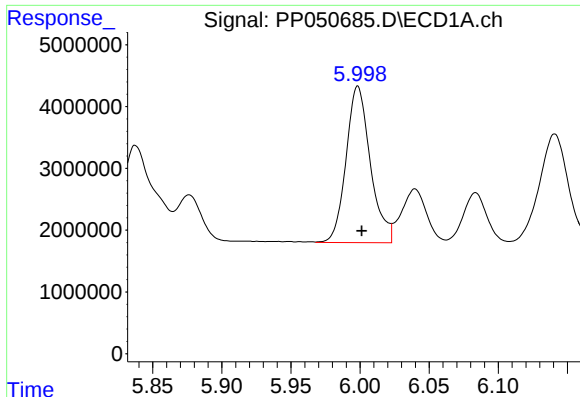
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 12952377
Conc: 280.88 ng/ml



#6 AR-1016-4

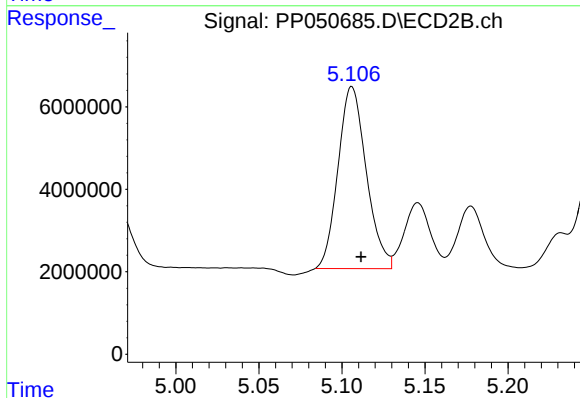
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 40702704
Conc: 698.57 ng/ml



#7 AR-1016-5

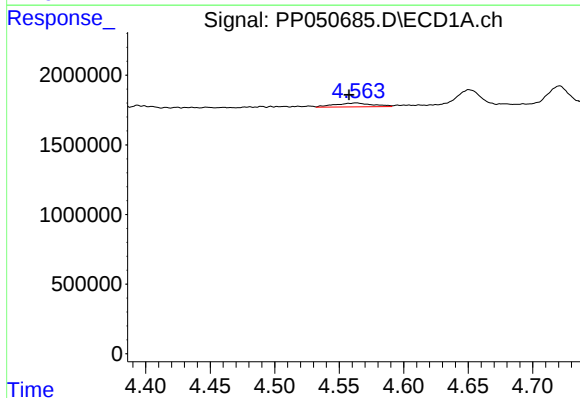
R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 30953938
Conc: 692.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



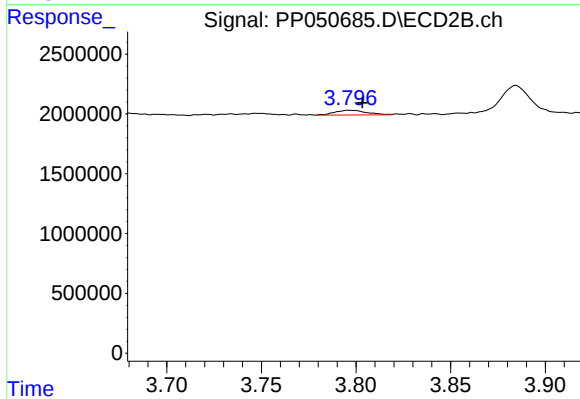
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 52304189
Conc: 684.56 ng/ml



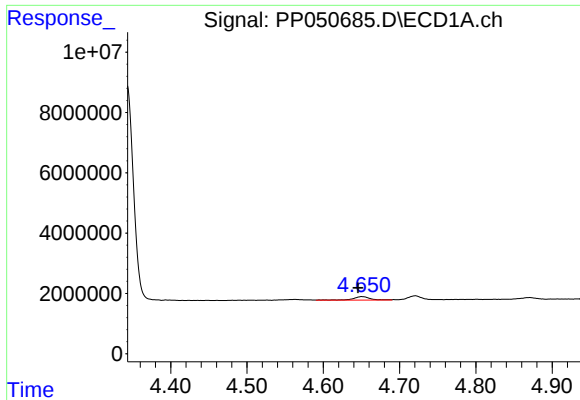
#8 AR-1221-1

R.T.: 4.563 min
Delta R.T.: 0.005 min
Response: 548722
Conc: 27.77 ng/ml



#8 AR-1221-1

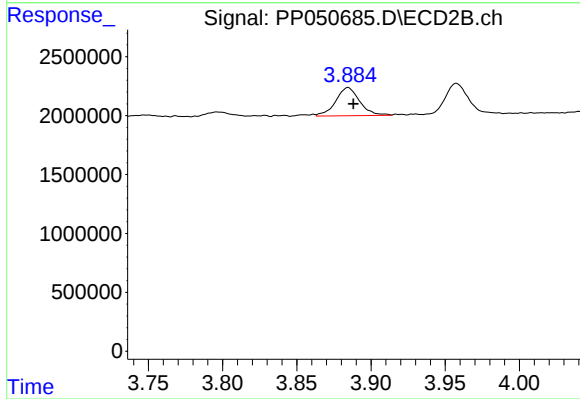
R.T.: 3.796 min
Delta R.T.: -0.007 min
Response: 464075
Conc: 12.14 ng/ml



#9 AR-1221-2

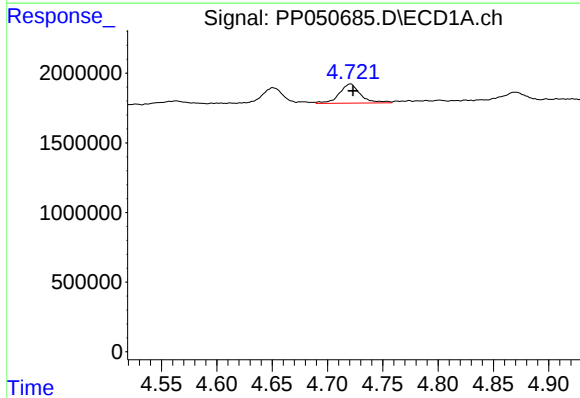
R.T.: 4.651 min
Delta R.T.: 0.005 min
Response: 1817175
Conc: 122.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



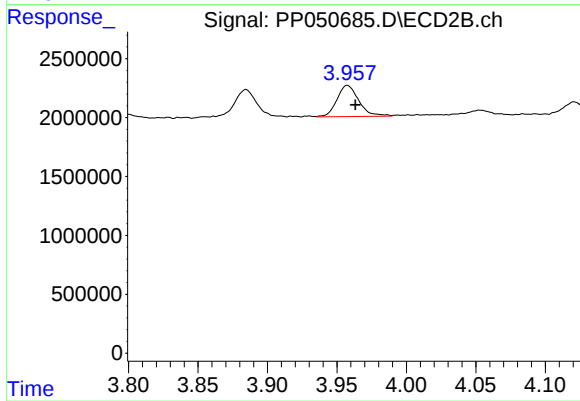
#9 AR-1221-2

R.T.: 3.885 min
Delta R.T.: -0.004 min
Response: 2698677
Conc: 94.51 ng/ml



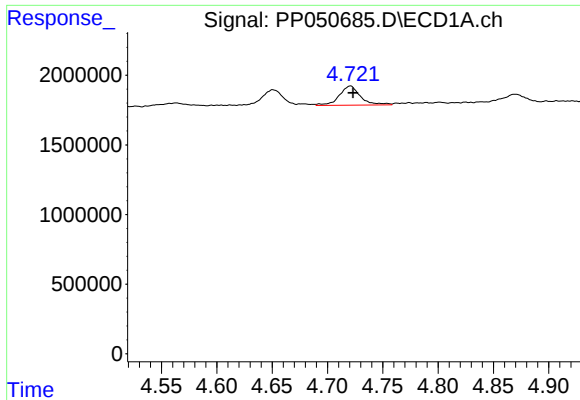
#10 AR-1221-3

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 1831015
Conc: 40.70 ng/ml



#10 AR-1221-3

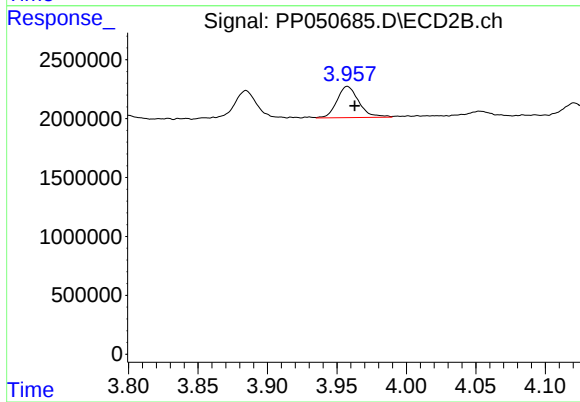
R.T.: 3.958 min
Delta R.T.: -0.006 min
Response: 2923167
Conc: 34.14 ng/ml



#11 AR-1232-1

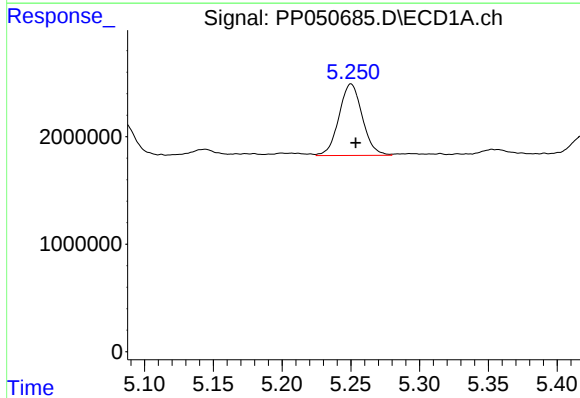
R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 1831015
Conc: 48.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



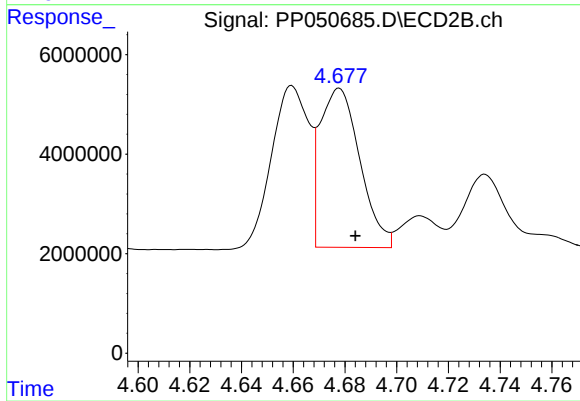
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 2923167
Conc: 41.87 ng/ml



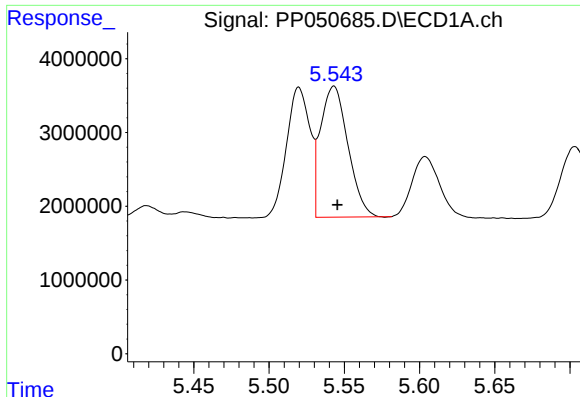
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 7864030
Conc: 434.22 ng/ml



#12 AR-1232-2

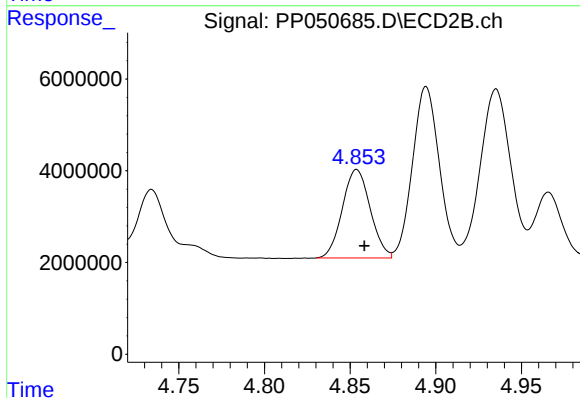
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 34135279
Conc: 530.95 ng/ml



#13 AR-1232-3

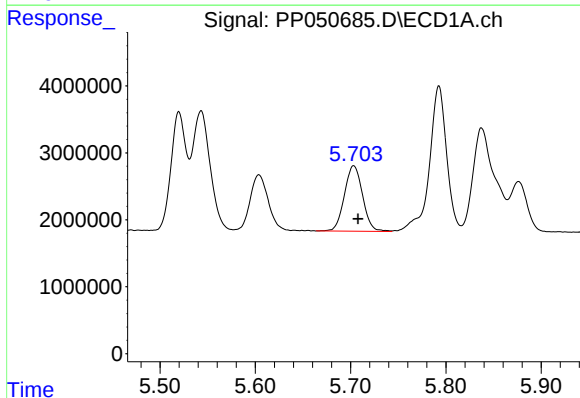
R.T.: 5.543 min
Delta R.T.: -0.003 min
Response: 22512309
Conc: 571.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



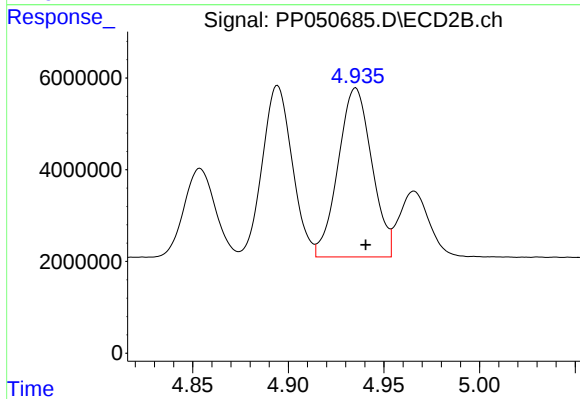
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 21884624
Conc: 652.49 ng/ml



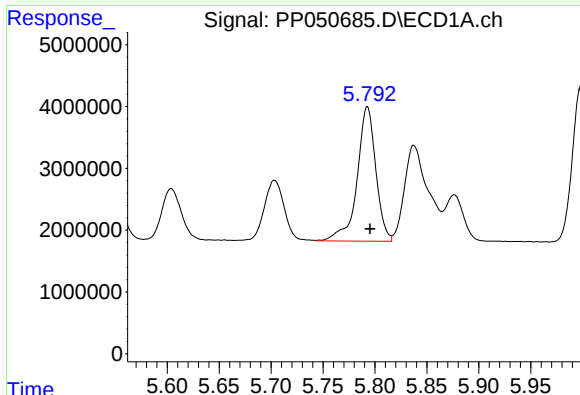
#14 AR-1232-4

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 12952377
Conc: 640.16 ng/ml



#14 AR-1232-4

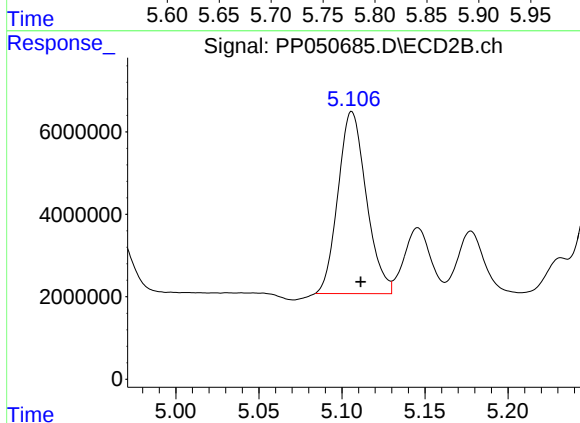
R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 45183657
Conc: 1533.74 ng/ml



#15 AR-1232-5

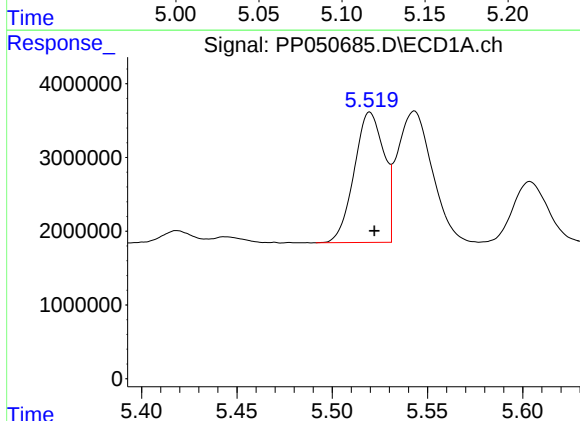
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 27362197
Conc: 1750.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



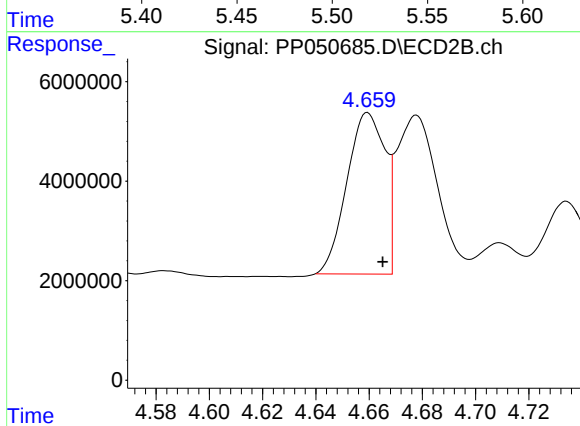
#15 AR-1232-5

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 52304189
Conc: 1588.32 ng/ml



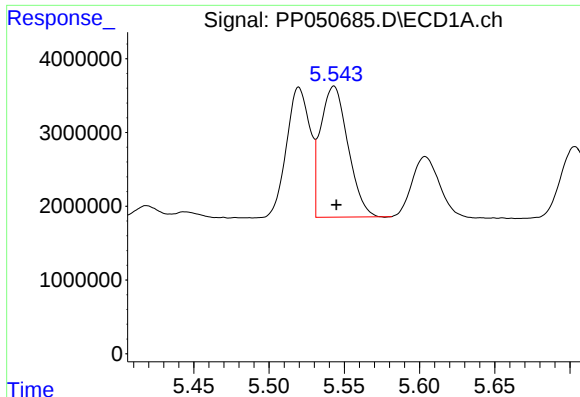
#16 AR-1242-1

R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 19174579
Conc: 378.33 ng/ml



#16 AR-1242-1

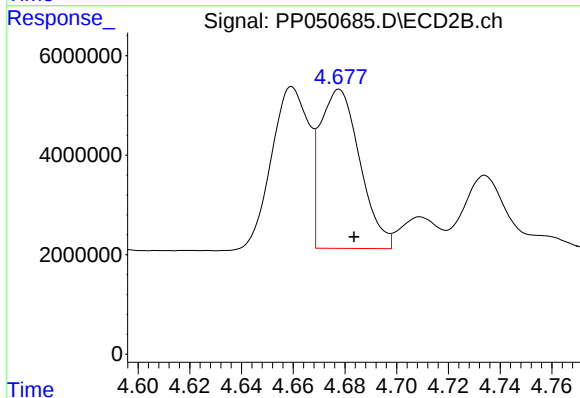
R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 32215799
Conc: 388.61 ng/ml



#17 AR-1242-2

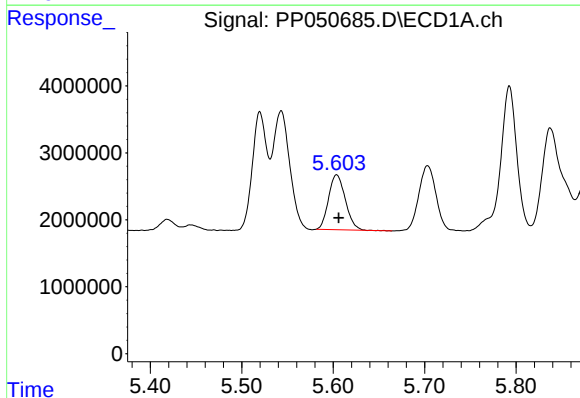
R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 22512309
Conc: 311.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



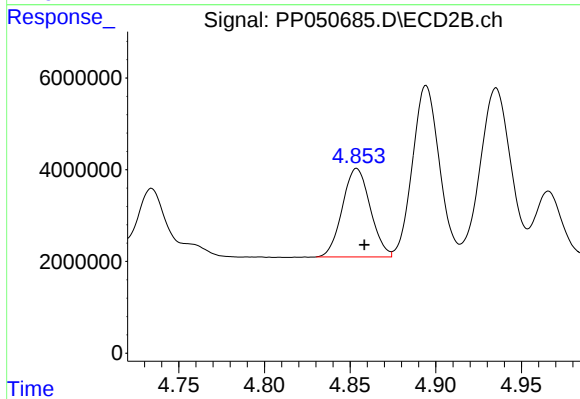
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 34135279
Conc: 292.30 ng/ml



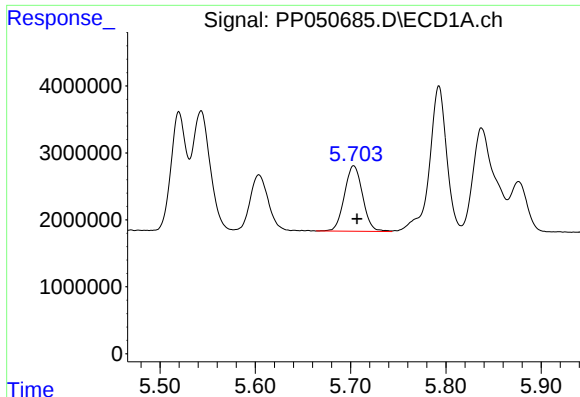
#18 AR-1242-3

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 10475016
Conc: 236.87 ng/ml



#18 AR-1242-3

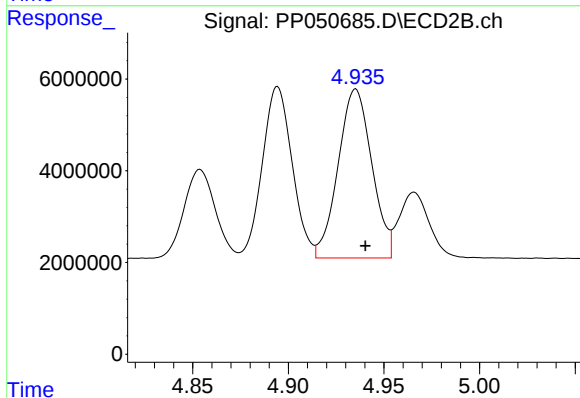
R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 21884624
Conc: 356.89 ng/ml



#19 AR-1242-4

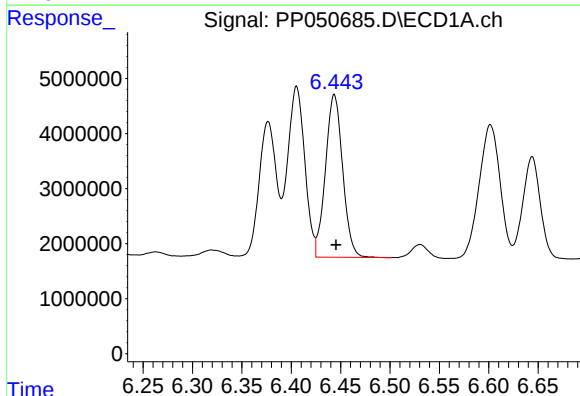
R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 12952377
Conc: 347.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



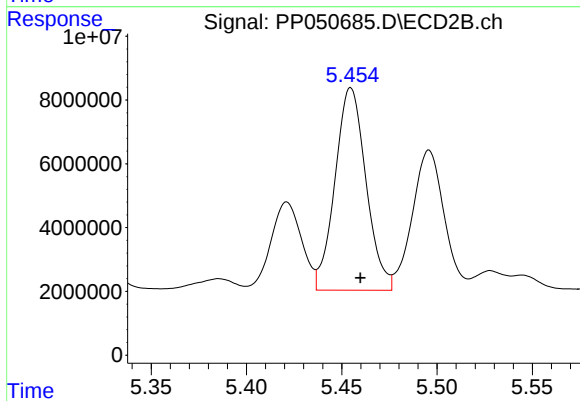
#19 AR-1242-4

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 45183657
Conc: 771.85 ng/ml



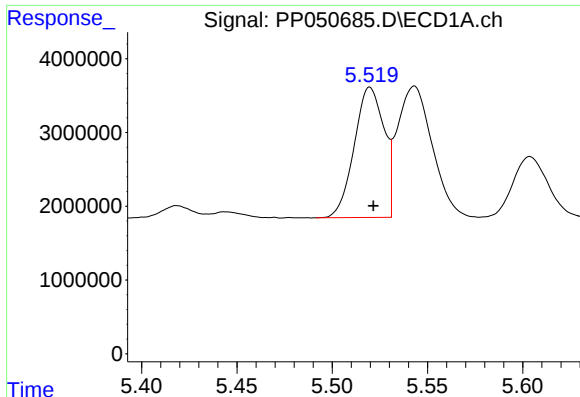
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 35684147
Conc: 845.57 ng/ml



#20 AR-1242-5

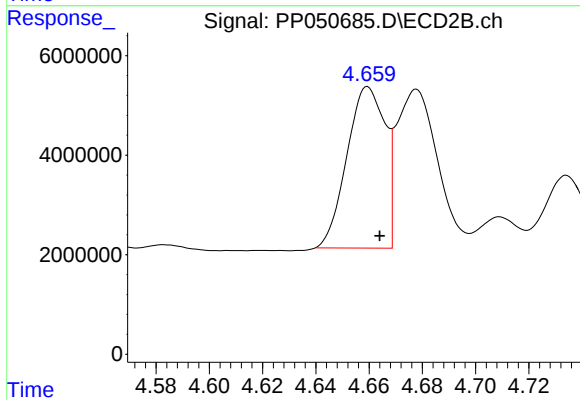
R.T.: 5.455 min
Delta R.T.: -0.005 min
Response: 71967669
Conc: 1035.36 ng/ml



#21 AR-1248-1

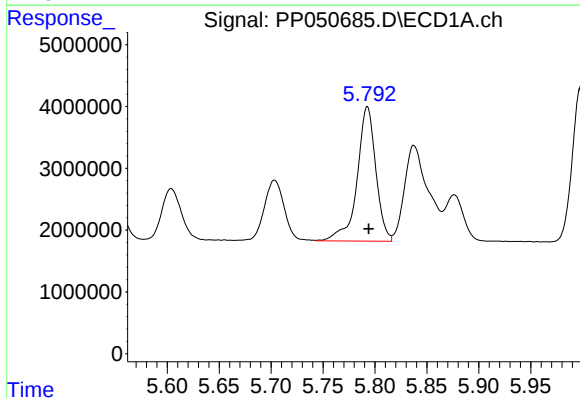
R.T.: 5.520 min
Delta R.T.: -0.001 min
Response: 19174579
Conc: 474.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



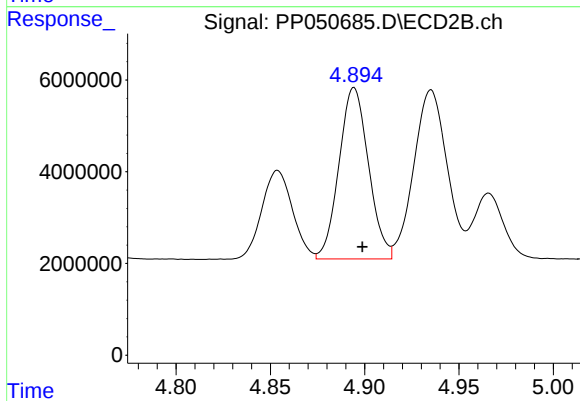
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 32215799
Conc: 482.02 ng/ml



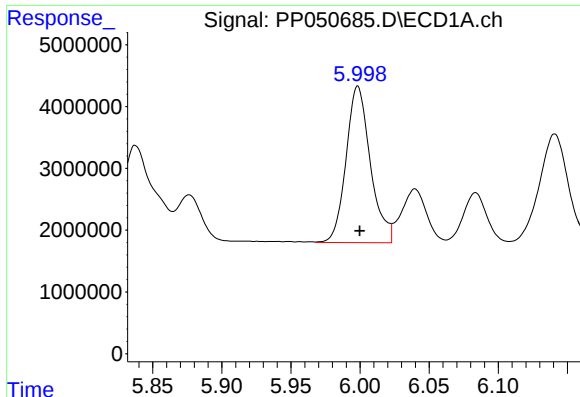
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: -0.001 min
Response: 27362197
Conc: 489.78 ng/ml



#22 AR-1248-2

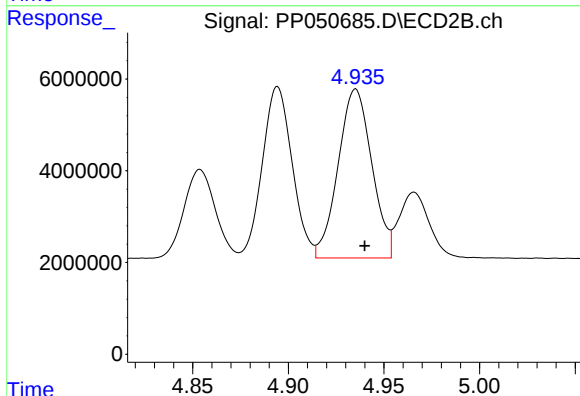
R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 40702704
Conc: 471.18 ng/ml



#23 AR-1248-3

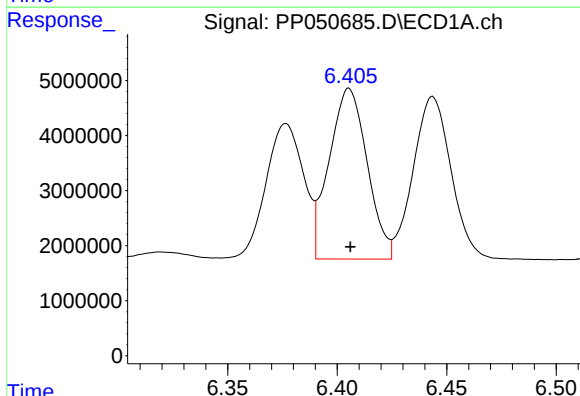
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 30953938
Conc: 483.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



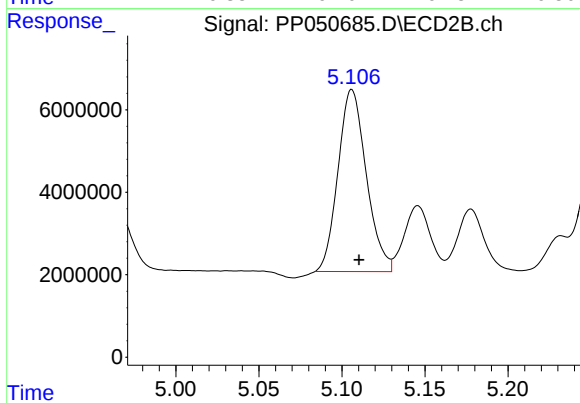
#23 AR-1248-3

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 45183657
Conc: 498.41 ng/ml



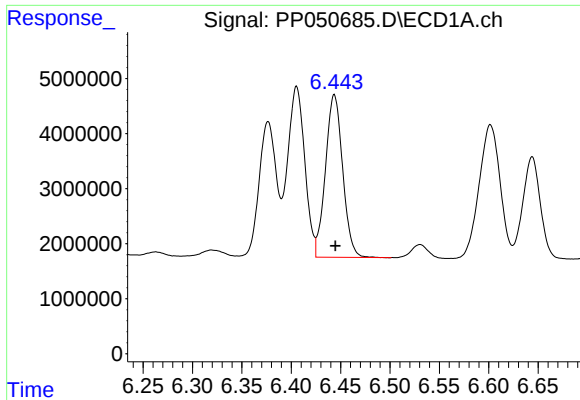
#24 AR-1248-4

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 37519203
Conc: 474.31 ng/ml



#24 AR-1248-4

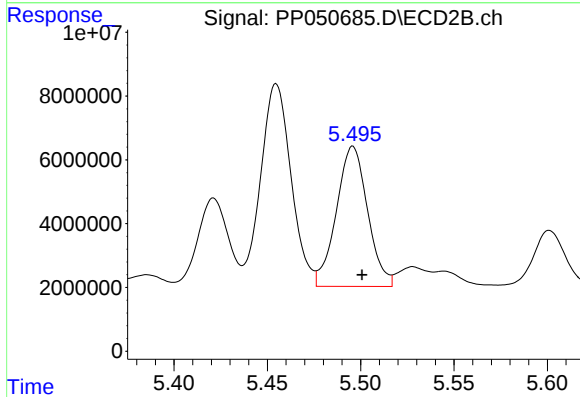
R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 52304189
Conc: 496.25 ng/ml



#25 AR-1248-5

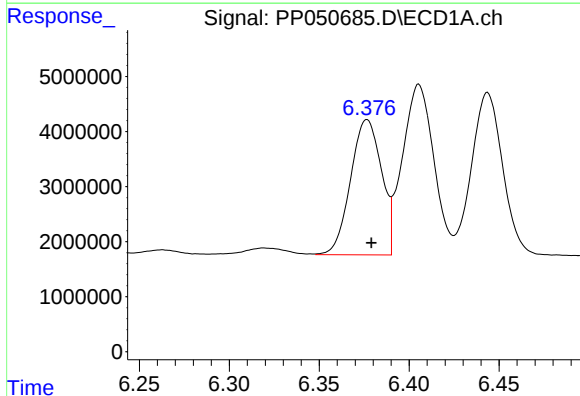
R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 35684147
Conc: 470.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



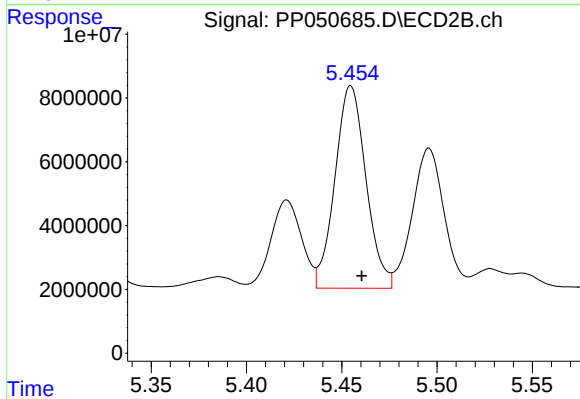
#25 AR-1248-5

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 51247687
Conc: 516.15 ng/ml



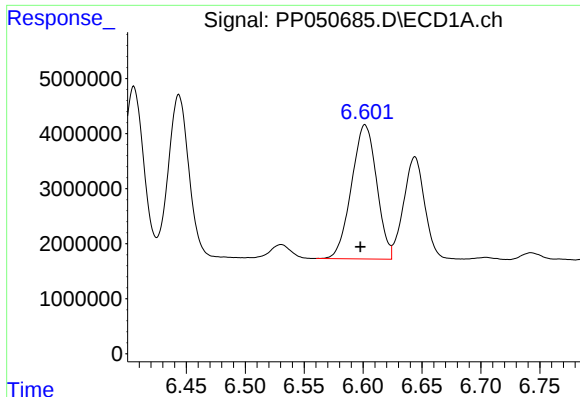
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 29441611
Conc: 397.94 ng/ml



#26 AR-1254-1

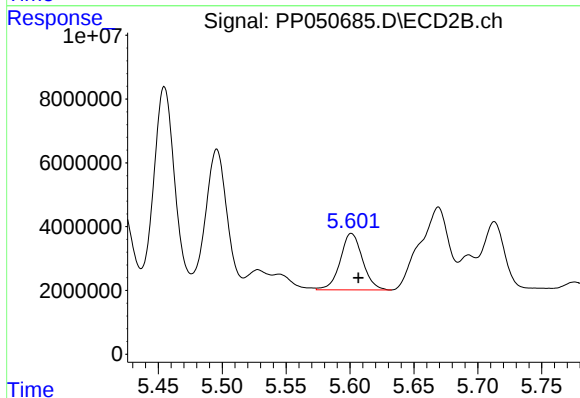
R.T.: 5.455 min
Delta R.T.: -0.006 min
Response: 71967669
Conc: 506.38 ng/ml



#27 AR-1254-2

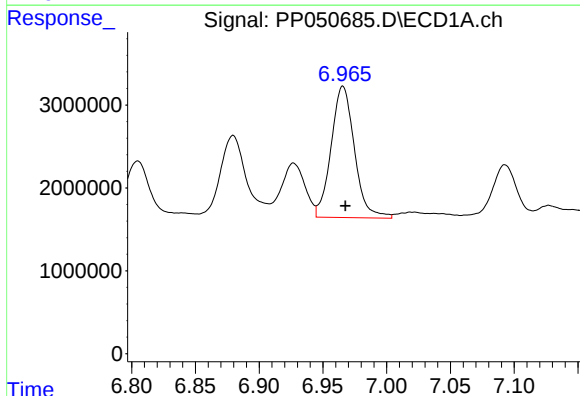
R.T.: 6.602 min
Delta R.T.: 0.004 min
Response: 36209473
Conc: 311.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



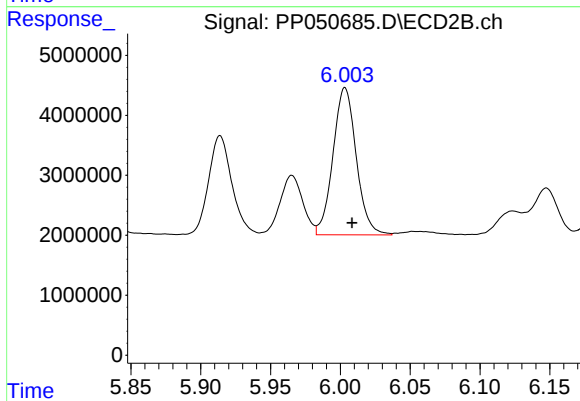
#27 AR-1254-2

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 21472137
Conc: 181.44 ng/ml



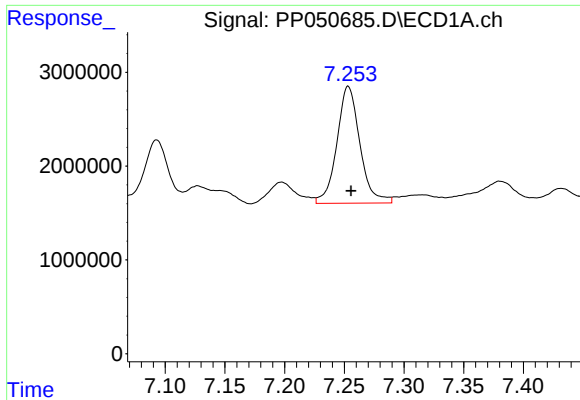
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 20190574
Conc: 162.94 ng/ml



#28 AR-1254-3

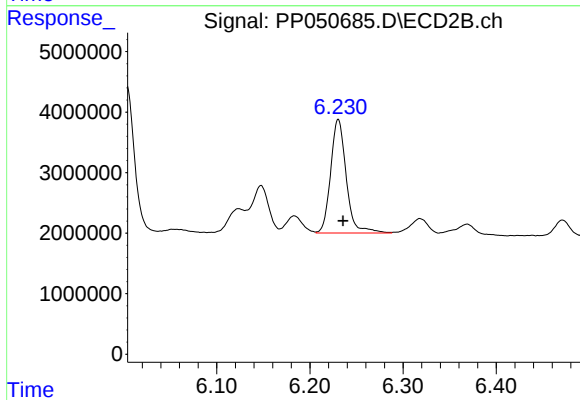
R.T.: 6.003 min
Delta R.T.: -0.005 min
Response: 28504833
Conc: 165.66 ng/ml



#29 AR-1254-4

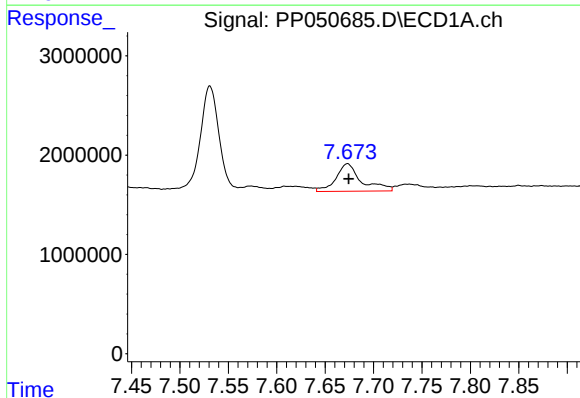
R.T.: 7.253 min
Delta R.T.: -0.002 min
Response: 16730285
Conc: 170.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



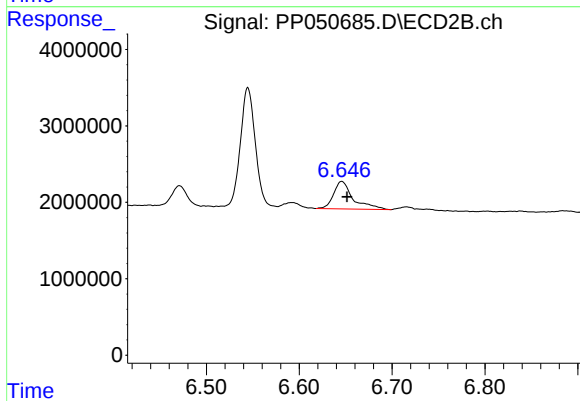
#29 AR-1254-4

R.T.: 6.230 min
Delta R.T.: -0.005 min
Response: 21846434
Conc: 207.06 ng/ml



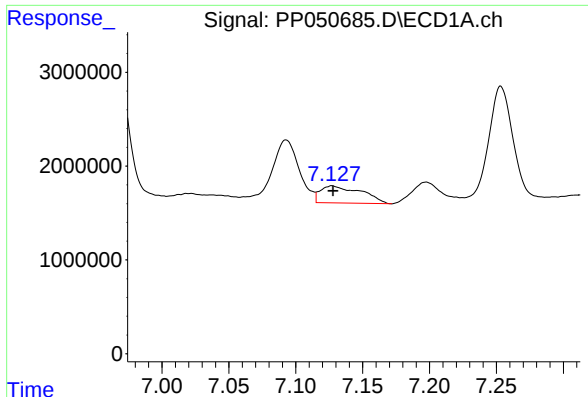
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: -0.001 min
Response: 5048552
Conc: 50.32 ng/ml



#30 AR-1254-5

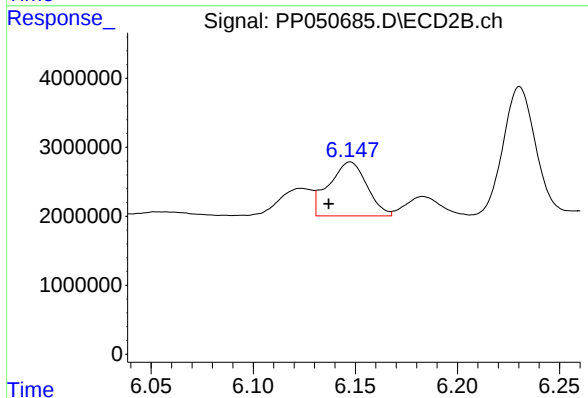
R.T.: 6.646 min
Delta R.T.: -0.006 min
Response: 5286257
Conc: 39.70 ng/ml



#31 AR-1260-1

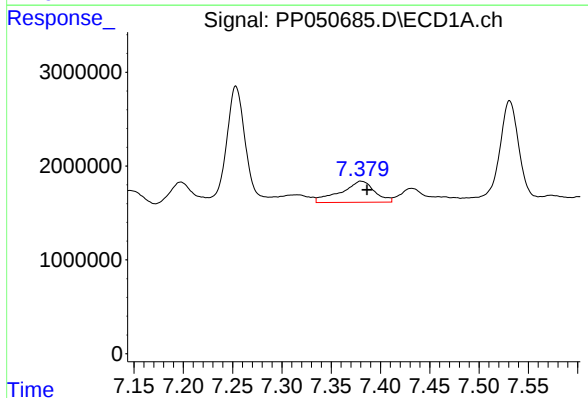
R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 3886264
Conc: 42.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



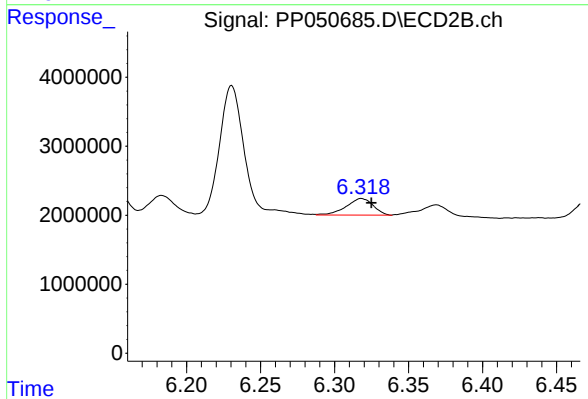
#31 AR-1260-1

R.T.: 6.148 min
Delta R.T.: 0.011 min
Response: 10152823
Conc: 89.60 ng/ml



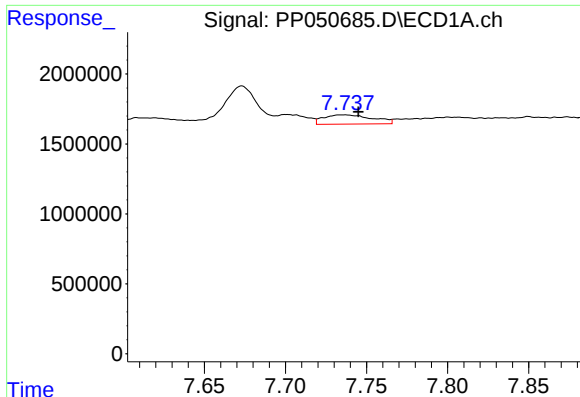
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 5349641
Conc: 46.82 ng/ml



#32 AR-1260-2

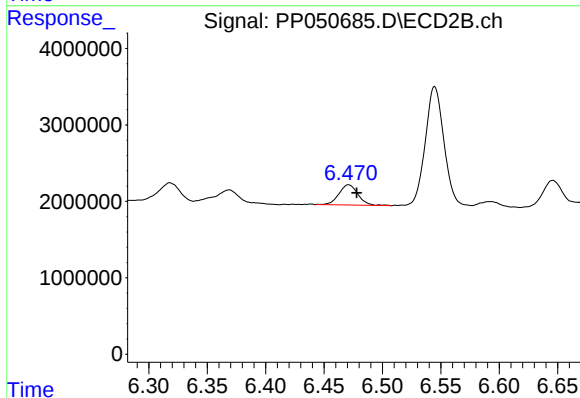
R.T.: 6.318 min
Delta R.T.: -0.007 min
Response: 3062504
Conc: 22.80 ng/ml



#33 AR-1260-3

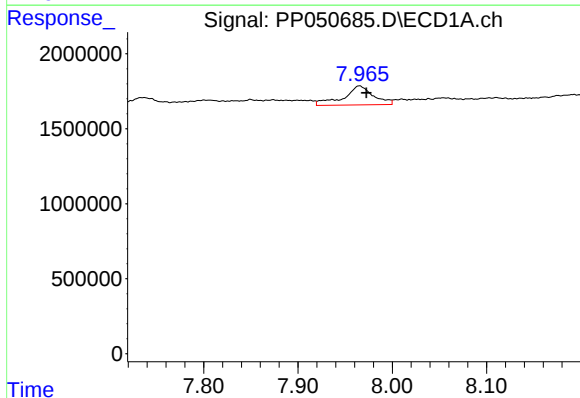
R.T.: 7.736 min
Delta R.T.: -0.009 min
Response: 1389073
Conc: 16.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



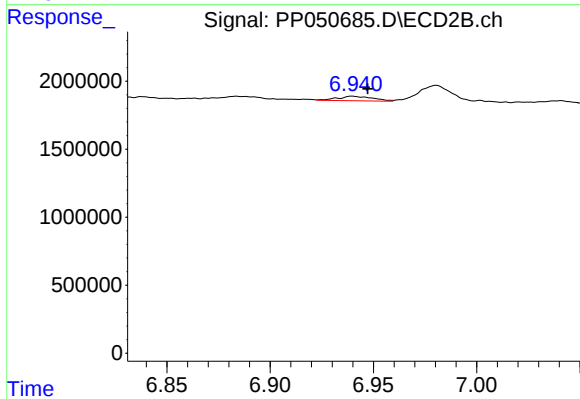
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 3043171
Conc: 25.26 ng/ml



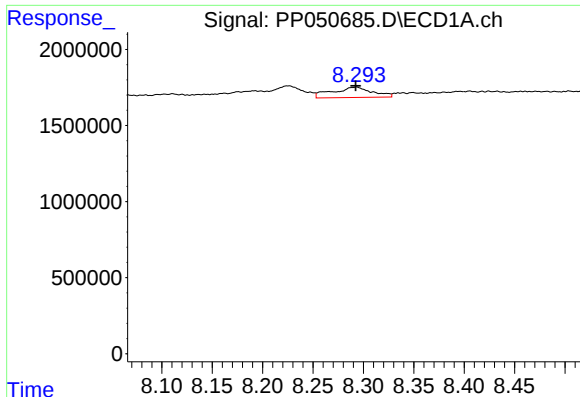
#34 AR-1260-4

R.T.: 7.965 min
Delta R.T.: -0.007 min
Response: 2768677
Conc: 29.09 ng/ml



#34 AR-1260-4

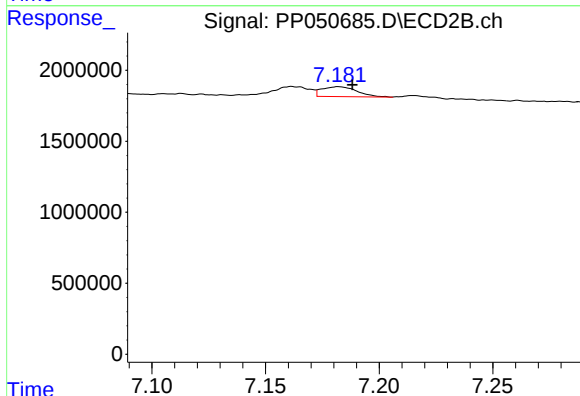
R.T.: 6.940 min
Delta R.T.: -0.007 min
Response: 393320
Conc: 4.44 ng/ml



#35 AR-1260-5

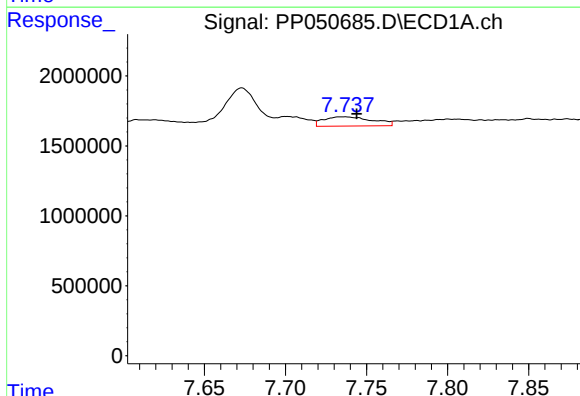
R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 1875797
Conc: 10.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



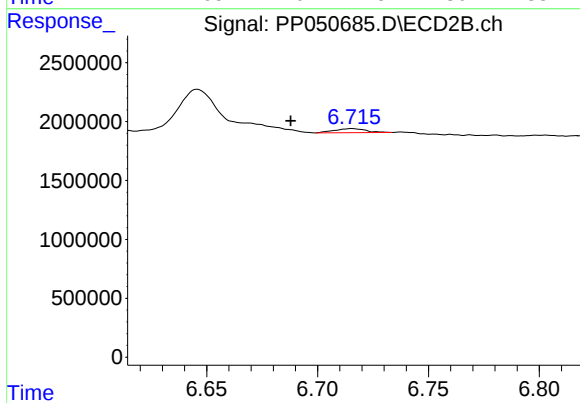
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 754488
Conc: 3.87 ng/ml



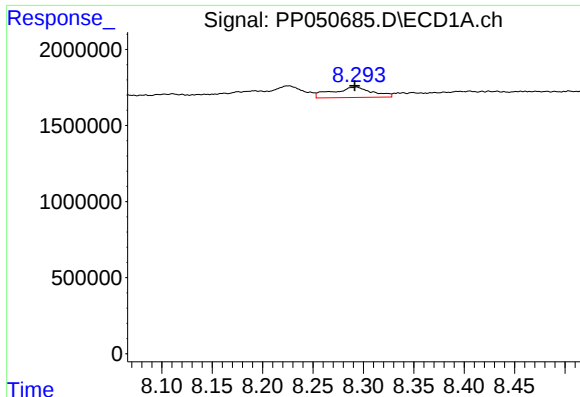
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 1389073
Conc: 11.60 ng/ml



#36 AR-1262-1

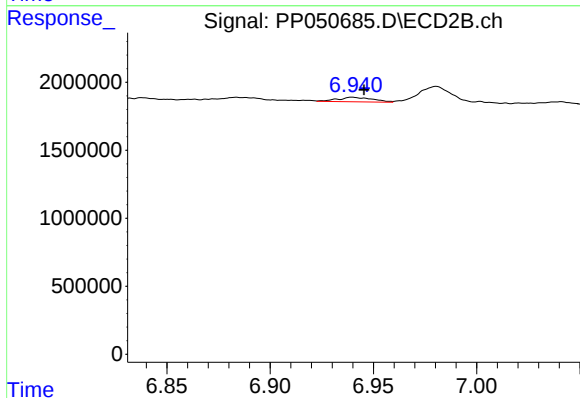
R.T.: 6.716 min
Delta R.T.: 0.028 min
Response: 335375
Conc: 2.48 ng/ml



#37 AR-1262-2

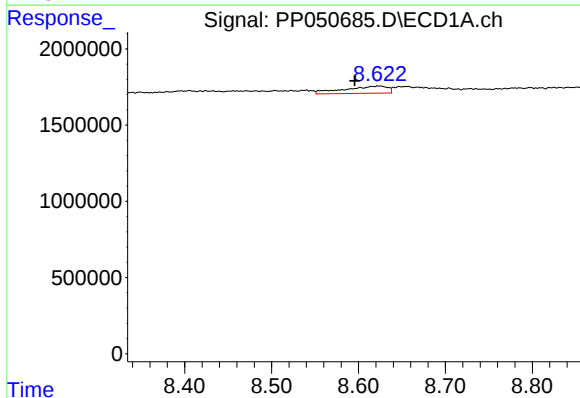
R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 1875797
Conc: 8.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



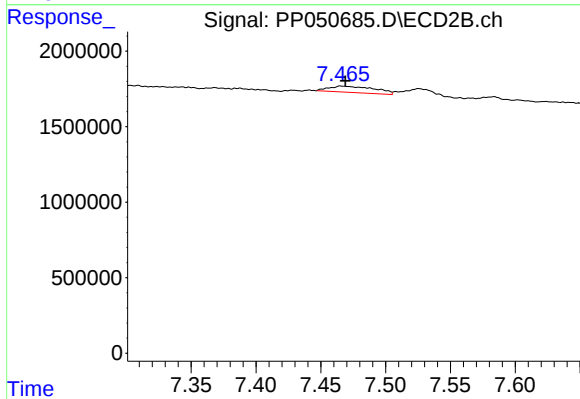
#37 AR-1262-2

R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 393320
Conc: 3.62 ng/ml



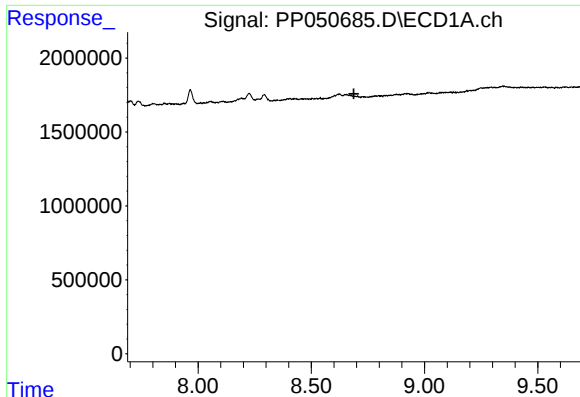
#38 AR-1262-3

R.T.: 8.624 min
Delta R.T.: 0.028 min
Response: 1636896
Conc: 16.66 ng/ml



#38 AR-1262-3

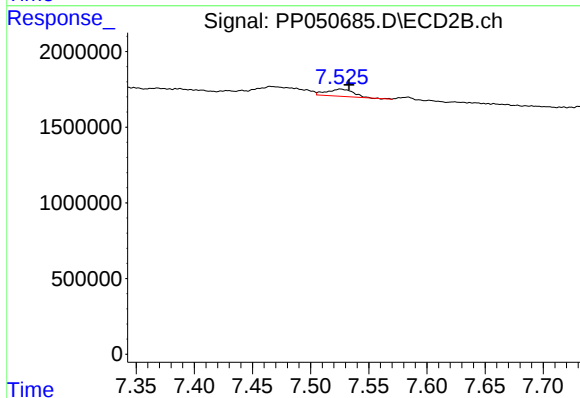
R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 1026819
Conc: 14.15 ng/ml



#39 AR-1262-4

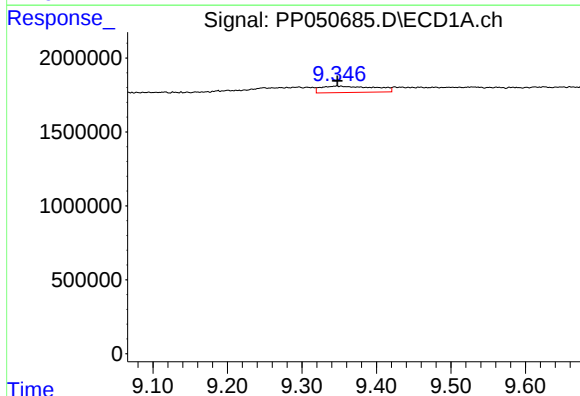
R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



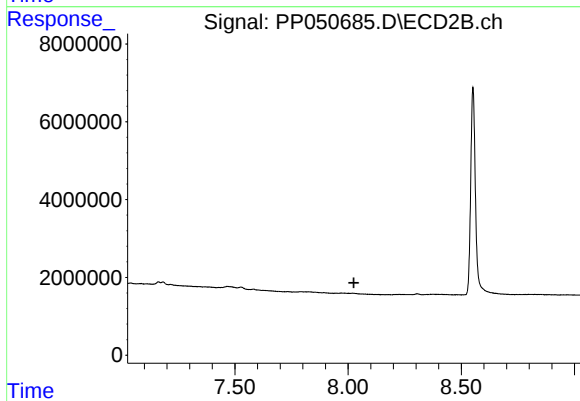
#39 AR-1262-4

R.T.: 7.526 min
Delta R.T.: -0.007 min
Response: 757317
Conc: 5.49 ng/ml



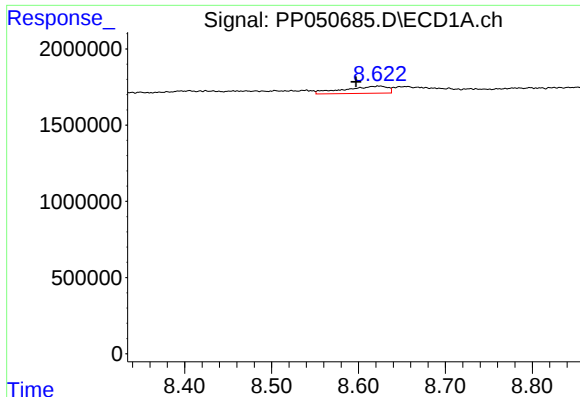
#40 AR-1262-5

R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 2176095
Conc: 27.57 ng/ml



#40 AR-1262-5

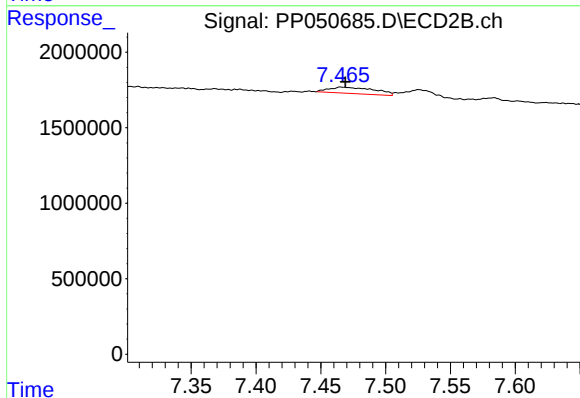
R.T.: 0.000 min
Exp R.T.: 8.026 min
Response: 0
Conc: N.D.



#41 AR-1268-1

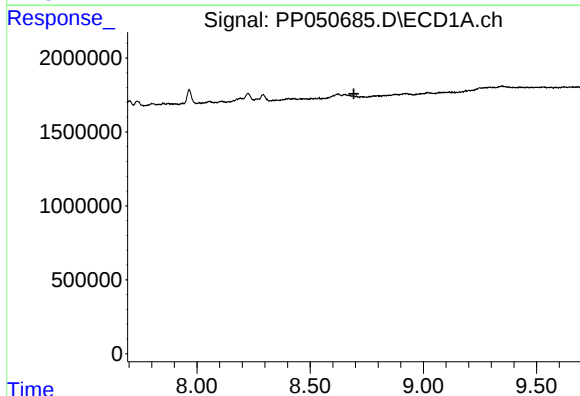
R.T.: 8.624 min
Delta R.T.: 0.027 min
Response: 1636896
Conc: 6.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



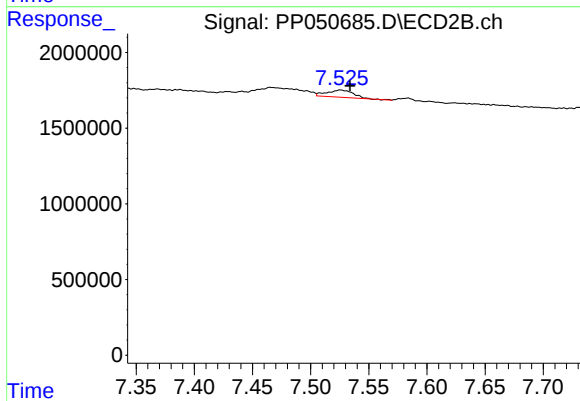
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 1026819
Conc: 4.67 ng/ml



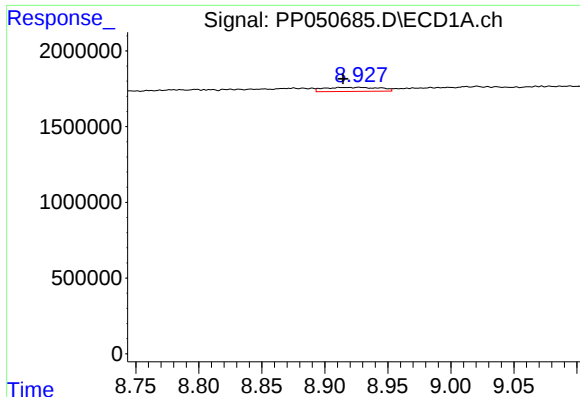
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.693 min
Response: 0
Conc: N.D.



#42 AR-1268-2

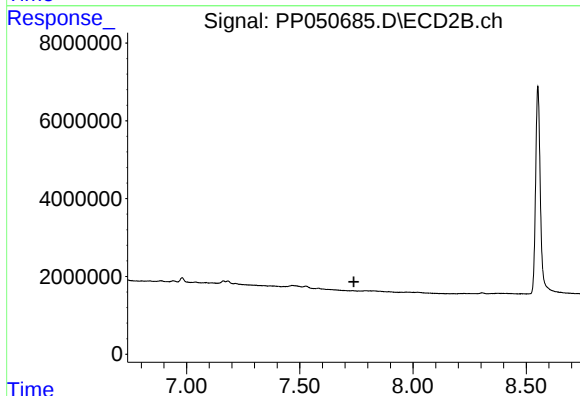
R.T.: 7.526 min
Delta R.T.: -0.008 min
Response: 757317
Conc: 3.80 ng/ml



#43 AR-1268-3

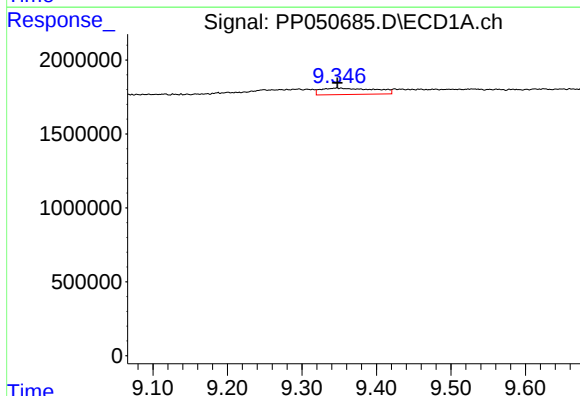
R.T.: 8.928 min
Delta R.T.: 0.013 min
Response: 814771
Conc: 4.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



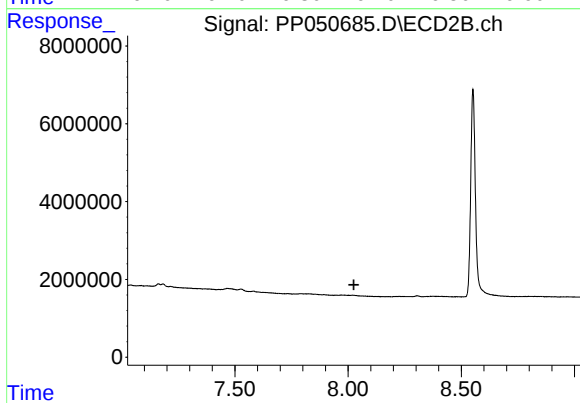
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.739 min
Response: 0
Conc: N.D.



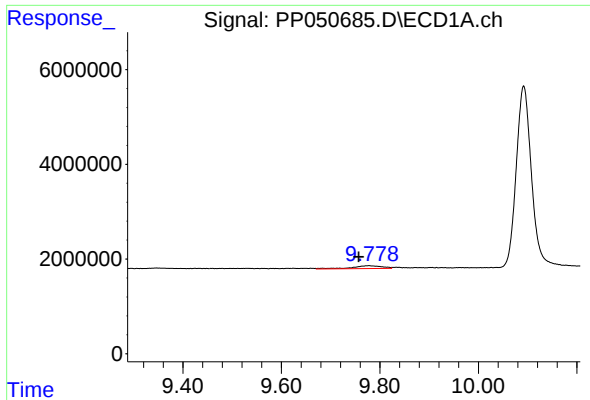
#44 AR-1268-4

R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 2176095
Conc: 25.25 ng/ml



#44 AR-1268-4

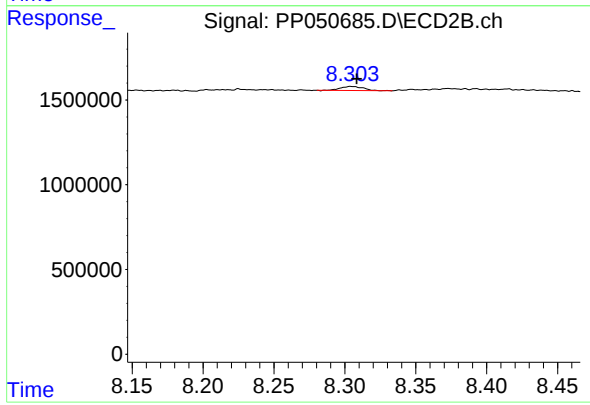
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.777 min
Delta R.T.: 0.020 min
Response: 2590517
Conc: 3.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.305 min
Delta R.T.: -0.004 min
Response: 270288
Conc: 0.49 ng/ml