

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022223\
 Data File : PP055836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 13:13
 Operator : YP\AJ
 Sample : 01633-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:25:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.323	3.566	41314087	30475158	25.641	20.871
2)	SA Decachlor...	10.068	8.571	51346563	28794220	25.170	25.381
Target Compounds							
3)	L1 AR-1016-1	5.493	4.649	30837541	22559982	516.769	500.998
4)	L1 AR-1016-2	5.516	4.667	45189039	31043391	516.510	478.003
5)	L1 AR-1016-3	5.578	4.843	27806306	16398489	500.566	471.858
6)	L1 AR-1016-4	5.677	4.886	22424990	14545208	503.238	486.612
7)	L1 AR-1016-5	5.973	5.098	23463657	16187831	485.944	409.471
8)	L2 AR-1221-1	4.528	3.778	3091662	2749552	148.533	153.070
9)	L2 AR-1221-2	4.618	3.864	4054343	4160577	254.882	316.795
10)	L2 AR-1221-3	4.695	3.939	16632823	14690787	342.856	351.979
11)	L3 AR-1232-1	4.695	3.939	16632823	14690787	419.915	426.741
12)	L3 AR-1232-2	5.225	4.667	26226392	31043391	1262.618	1057.687
13)	L3 AR-1232-3	5.516	4.843	45189039	16398489	1146.825	1079.040
14)	L3 AR-1232-4	5.677	4.927	22424990	17522043	1144.734	1155.836
15)	L3 AR-1232-5	5.768	5.098	19771466	16187831	1236.234	987.575
16)	L4 AR-1242-1	5.493	4.649	30837541	22559982	638.640	613.159
17)	L4 AR-1242-2	5.516	4.667	45189039	31043391	635.937	589.374
18)	L4 AR-1242-3	5.578	4.843	27806306	16398489	623.261	579.237
19)	L4 AR-1242-4	5.677	4.927	22424990	17522043	620.667	567.923
20)	L4 AR-1242-5	6.417	5.451	4110624	15574714	98.131	467.579 #
21)	L5 AR-1248-1	5.493	4.649	30837541	22559982	847.579	807.788
22)	L5 AR-1248-2	5.768	4.886	19771466	14545208	343.625	341.913
23)	L5 AR-1248-3	5.973	4.927	23463657	17522043	361.100	393.741
24)	L5 AR-1248-4	6.378	5.098	3943246	16187831	54.350	316.160 #
25)	L5 AR-1248-5	6.417	5.491	4110624	3569510	57.996	80.985 #
26)	L6 AR-1254-1	6.352	5.451	18246577	15574714	248.178	211.693
27)	L6 AR-1254-2	6.571	5.599	23996374	15995625	207.933	254.234
28)	L6 AR-1254-3	6.939	6.018	14121403	23695518	114.744	241.600 #
29)	L6 AR-1254-4	7.226	6.232	8211380	3382914	89.400	61.456 #
30)	L6 AR-1254-5	7.645	6.651	65667715	39707845	624.793	488.719
31)	L7 AR-1260-1	7.104	6.133	47925284	33811686	462.850	463.799
32)	L7 AR-1260-2	7.362	6.322	49974417	36211169	397.342	443.776
33)	L7 AR-1260-3	7.724	6.476	34205873	33492272	389.468	396.328
34)	L7 AR-1260-4	7.949	6.949	44756358	24345743	416.435	380.398
35)	L7 AR-1260-5	8.265	7.192	84001693	52983046	406.888	391.425
36)	L8 AR-1262-1	7.724	6.743	34205873	14121546	289.927	400.632 #
37)	L8 AR-1262-2	8.265	6.949	84001693	24345743	382.736	327.875
38)	L8 AR-1262-3	8.588	7.476	55471217	10480357	362.845	188.889 #
39)	L8 AR-1262-4	8.663	7.539	11920164	38505763	158.334	379.307 #
40)	L8 AR-1262-5	9.318	8.036	21706452	11479350	263.280	252.423
41)	L9 AR-1268-1	8.588	7.476	55471217	10480357	194.364	62.332 #

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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

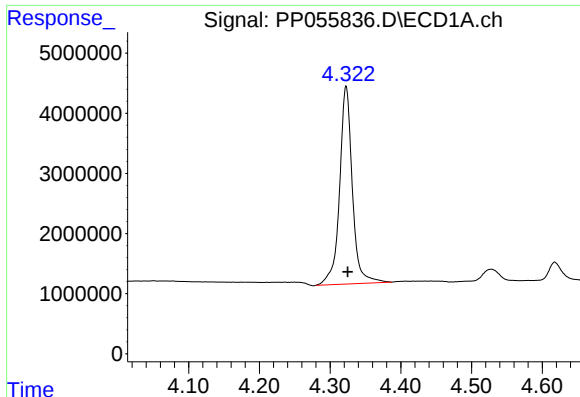
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:25:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.663	7.539	11920164	38505763	44.707	251.737 #
43) L9	AR-1268-3	8.894	7.747	1531755	984672	6.509	7.176
44) L9	AR-1268-4	9.318	8.036	21706452	11479350	219.859	208.650
45) L9	AR-1268-5	9.732	8.322	7091776	4044329	9.420	10.027

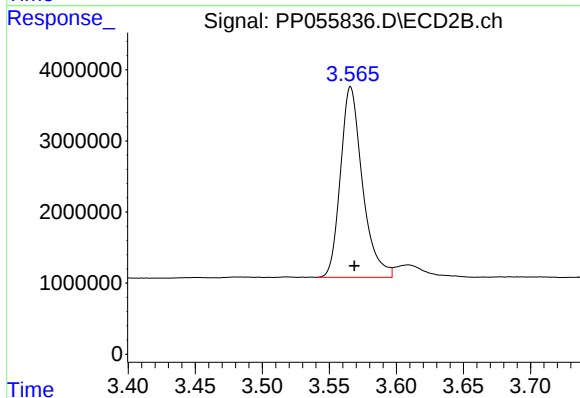
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

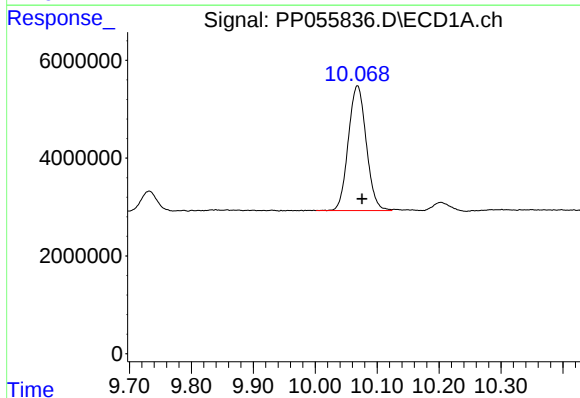
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 41314087
Conc: 25.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



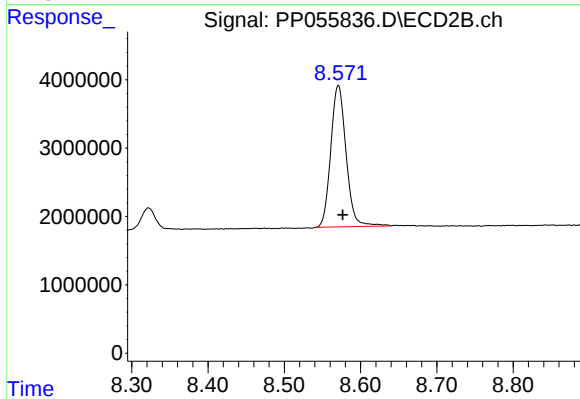
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.003 min
Response: 30475158
Conc: 20.87 ng/ml



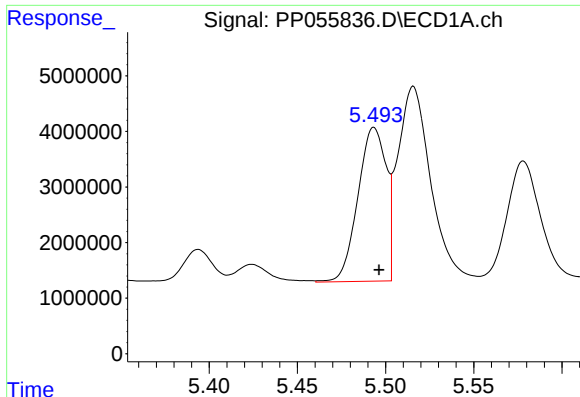
#2 Decachlorobiphenyl

R.T.: 10.068 min
Delta R.T.: -0.008 min
Response: 51346563
Conc: 25.17 ng/ml



#2 Decachlorobiphenyl

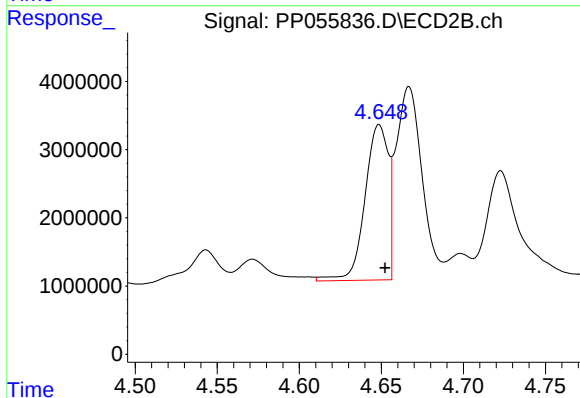
R.T.: 8.571 min
Delta R.T.: -0.006 min
Response: 28794220
Conc: 25.38 ng/ml



#3 AR-1016-1

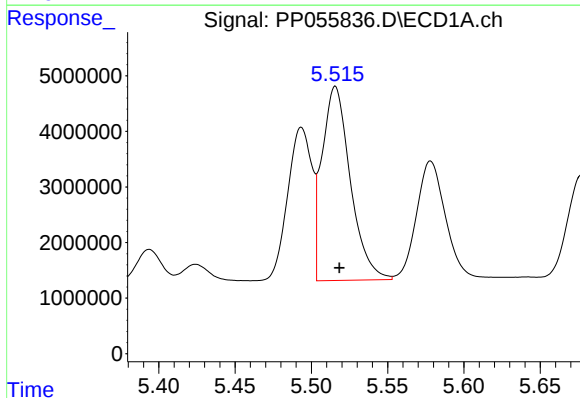
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 30837541
Conc: 516.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



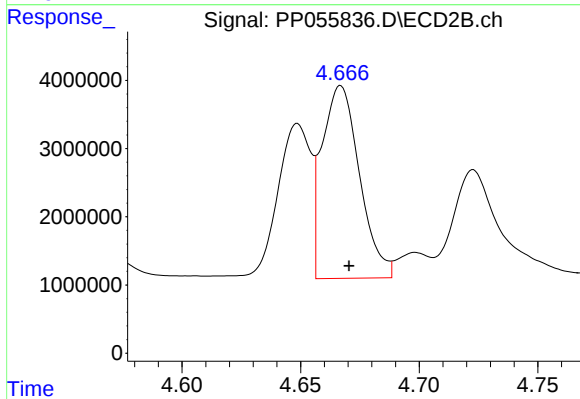
#3 AR-1016-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 22559982
Conc: 501.00 ng/ml



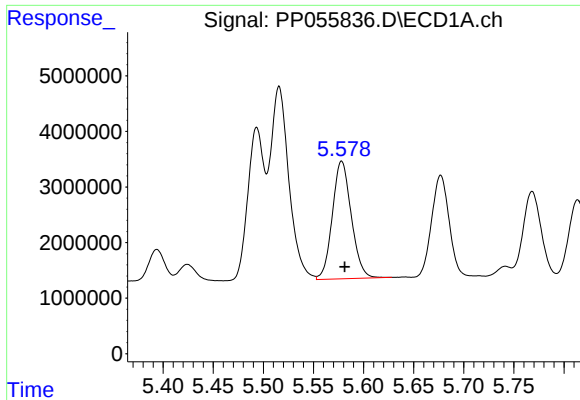
#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 45189039
Conc: 516.51 ng/ml



#4 AR-1016-2

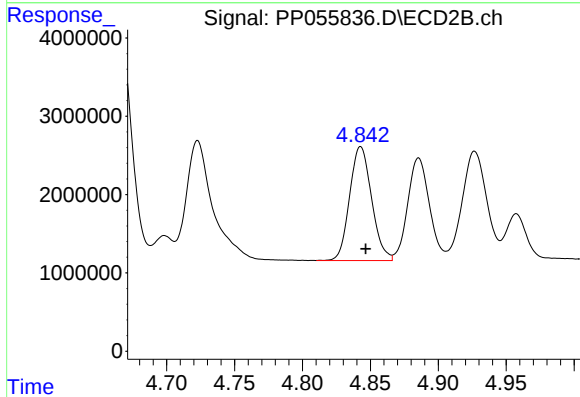
R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 31043391
Conc: 478.00 ng/ml



#5 AR-1016-3

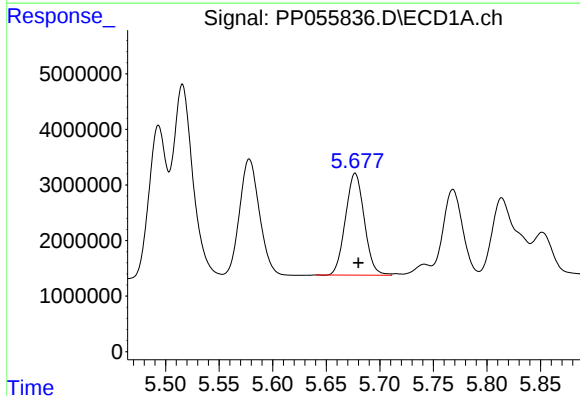
R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 27806306
Conc: 500.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



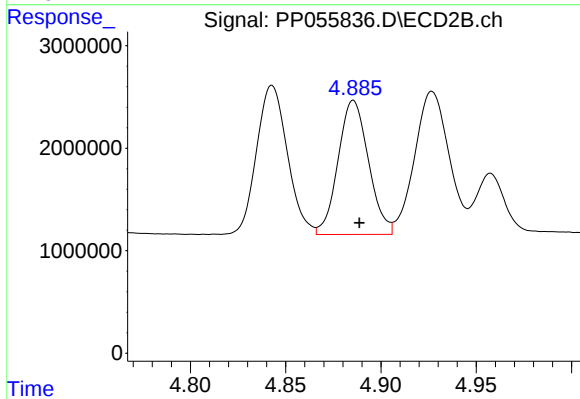
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16398489
Conc: 471.86 ng/ml



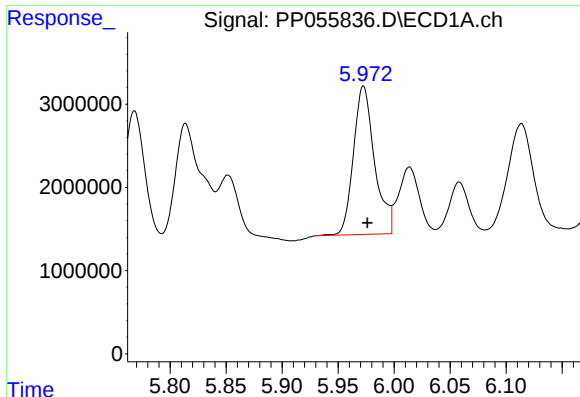
#6 AR-1016-4

R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 22424990
Conc: 503.24 ng/ml



#6 AR-1016-4

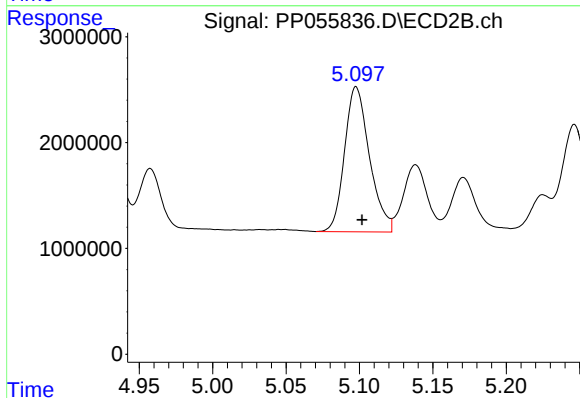
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 14545208
Conc: 486.61 ng/ml



#7 AR-1016-5

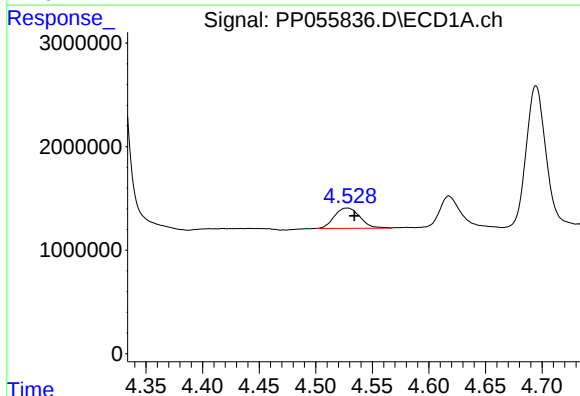
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 23463657
Conc: 485.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



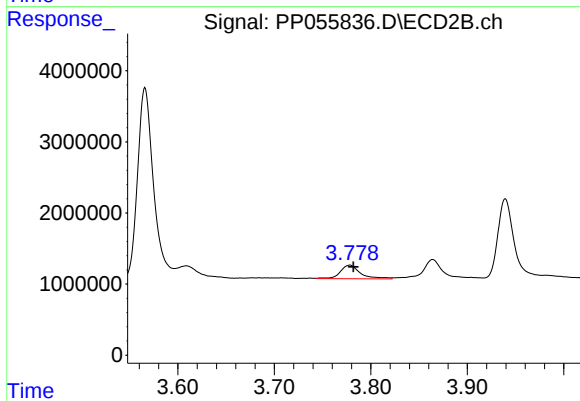
#7 AR-1016-5

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 16187831
Conc: 409.47 ng/ml



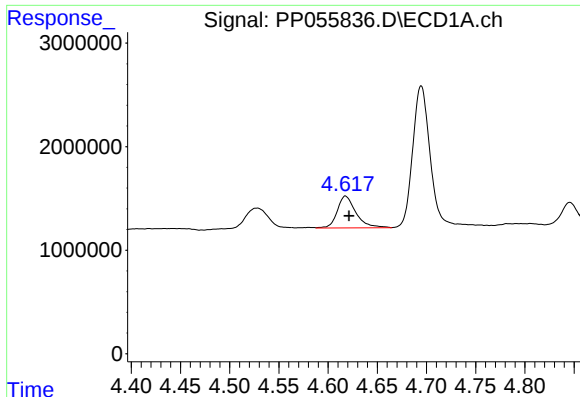
#8 AR-1221-1

R.T.: 4.528 min
Delta R.T.: -0.006 min
Response: 3091662
Conc: 148.53 ng/ml



#8 AR-1221-1

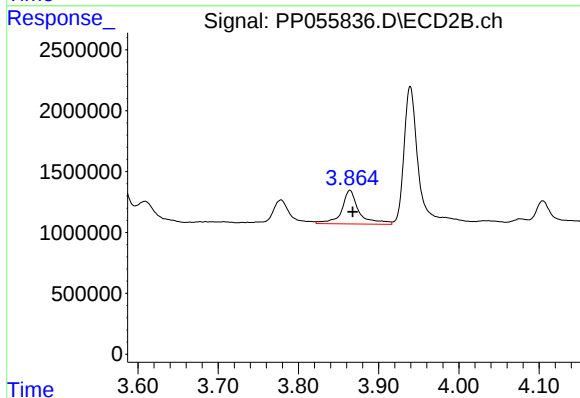
R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 2749552
Conc: 153.07 ng/ml



#9 AR-1221-2

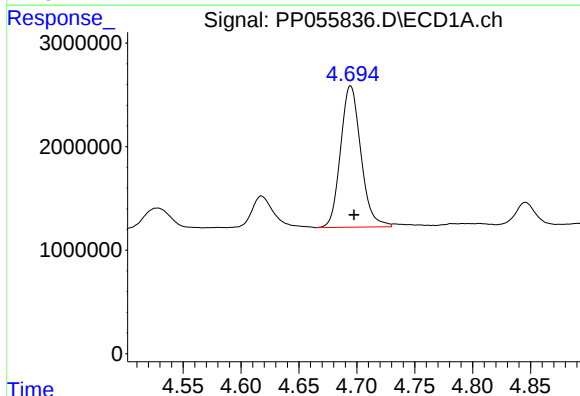
R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 4054343
Conc: 254.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



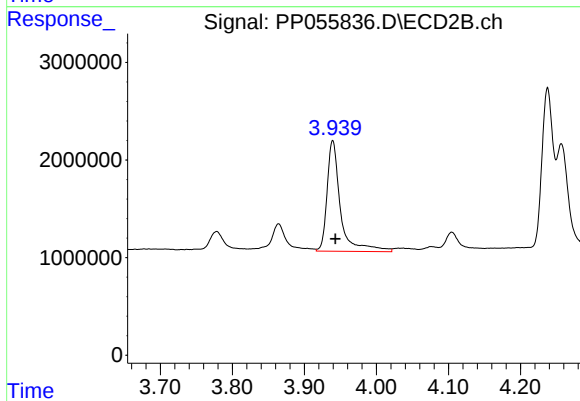
#9 AR-1221-2

R.T.: 3.864 min
Delta R.T.: -0.004 min
Response: 4160577
Conc: 316.79 ng/ml



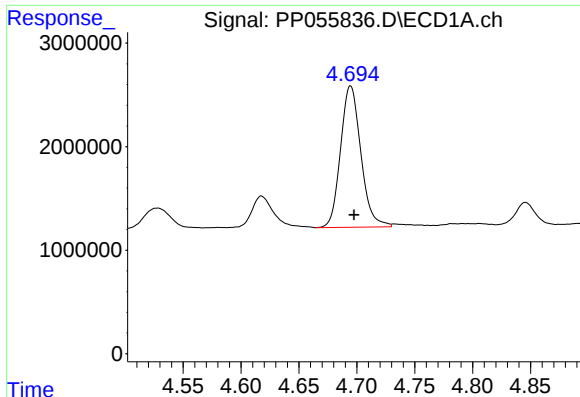
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 16632823
Conc: 342.86 ng/ml



#10 AR-1221-3

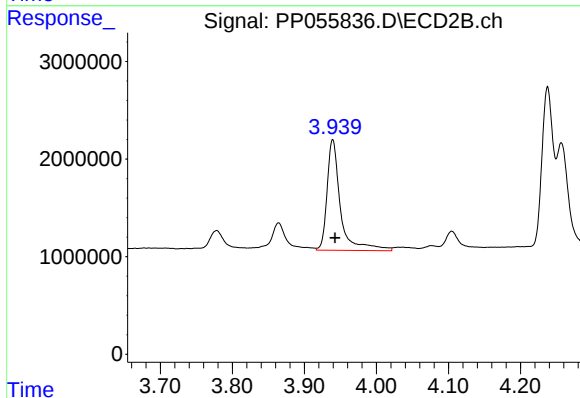
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 14690787
Conc: 351.98 ng/ml



#11 AR-1232-1

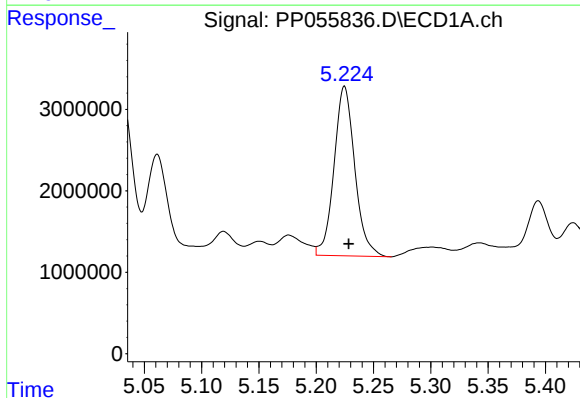
R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 16632823
Conc: 419.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



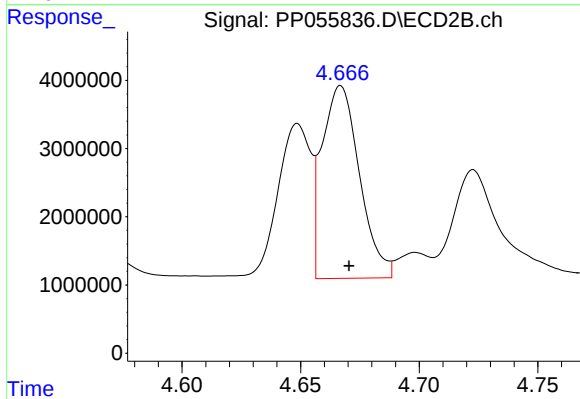
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 14690787
Conc: 426.74 ng/ml



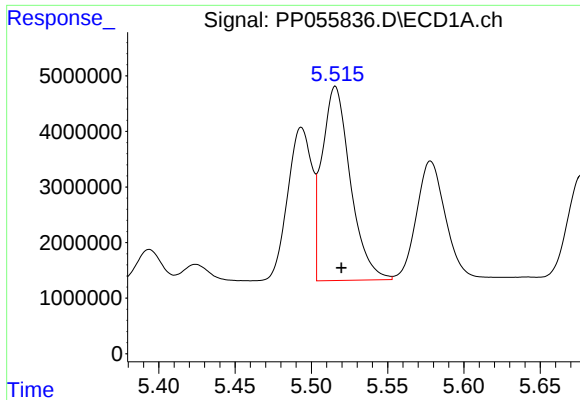
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 26226392
Conc: 1262.62 ng/ml



#12 AR-1232-2

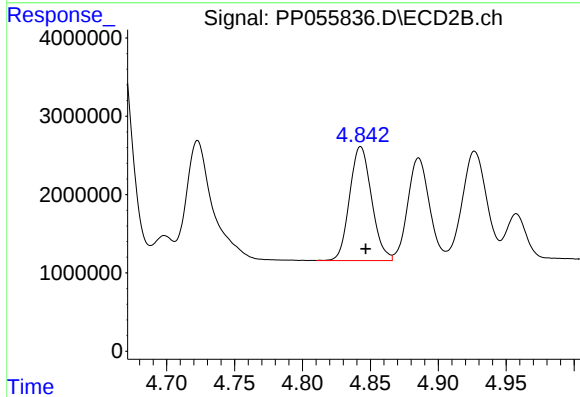
R.T.: 4.667 min
Delta R.T.: -0.004 min
Response: 31043391
Conc: 1057.69 ng/ml



#13 AR-1232-3

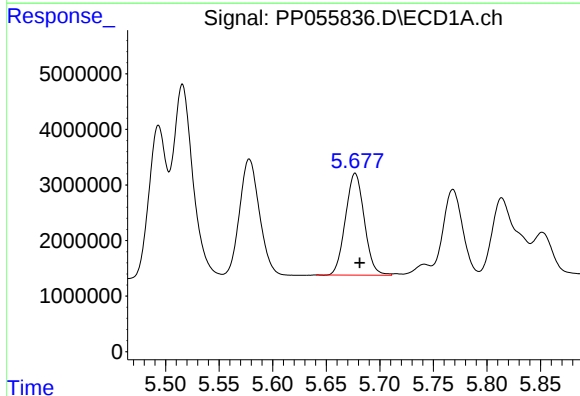
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 45189039
Conc: 1146.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



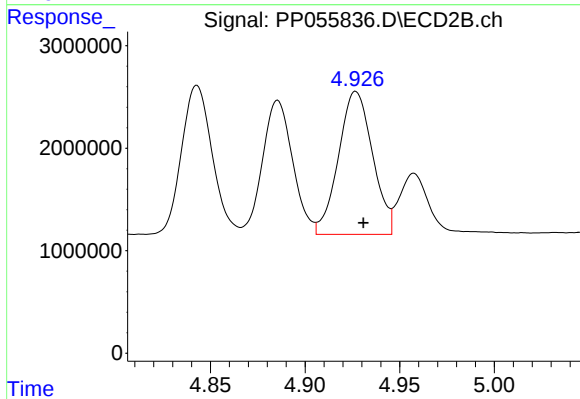
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16398489
Conc: 1079.04 ng/ml



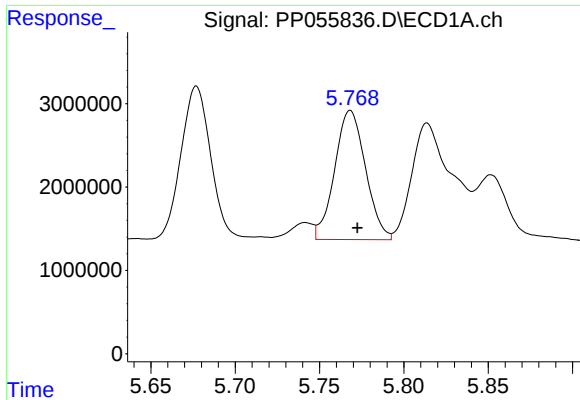
#14 AR-1232-4

R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 22424990
Conc: 1144.73 ng/ml



#14 AR-1232-4

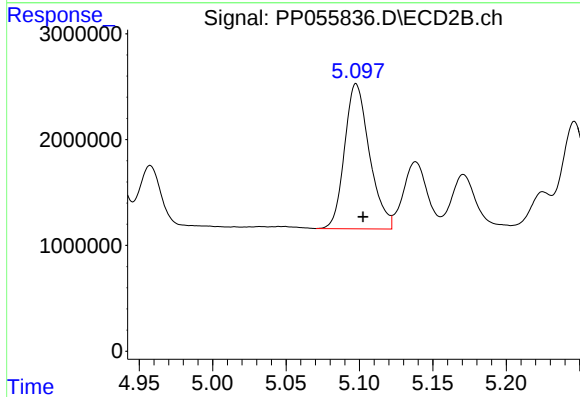
R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 17522043
Conc: 1155.84 ng/ml



#15 AR-1232-5

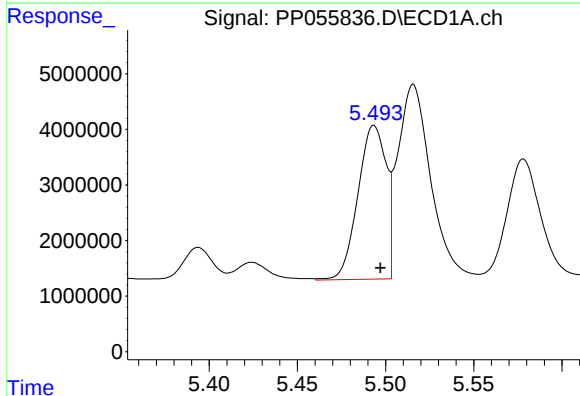
R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 19771466
Conc: 1236.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



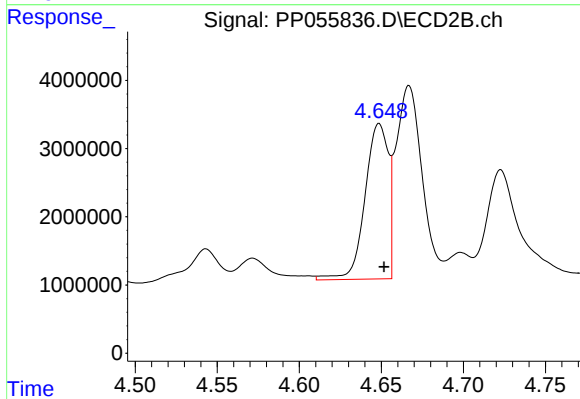
#15 AR-1232-5

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 16187831
Conc: 987.57 ng/ml



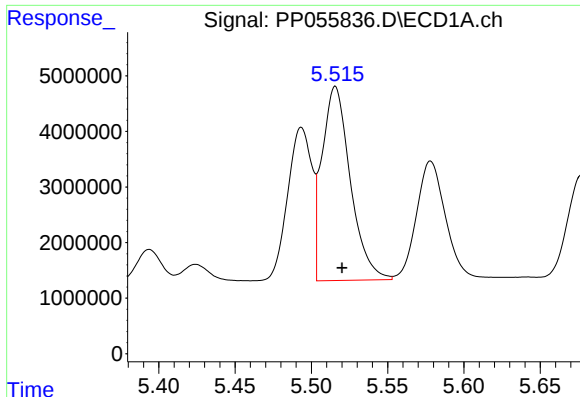
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 30837541
Conc: 638.64 ng/ml



#16 AR-1242-1

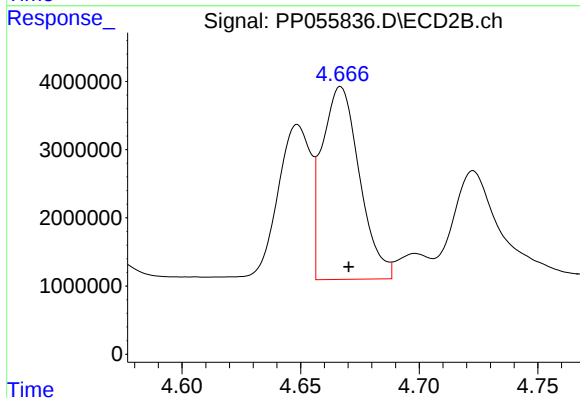
R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 22559982
Conc: 613.16 ng/ml



#17 AR-1242-2

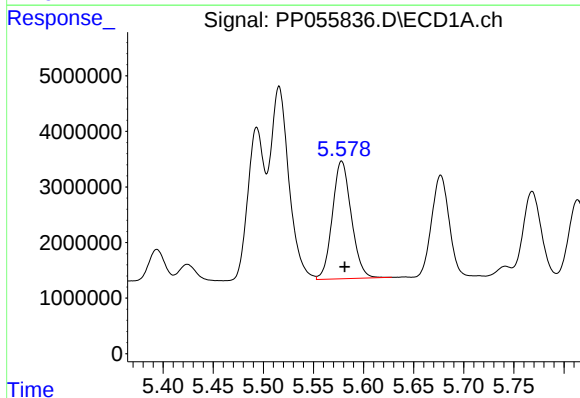
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 45189039
Conc: 635.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



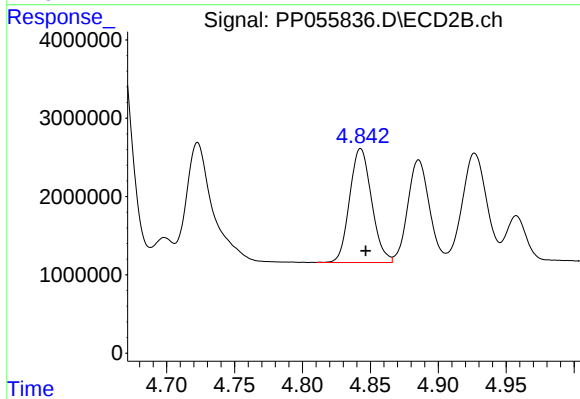
#17 AR-1242-2

R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 31043391
Conc: 589.37 ng/ml



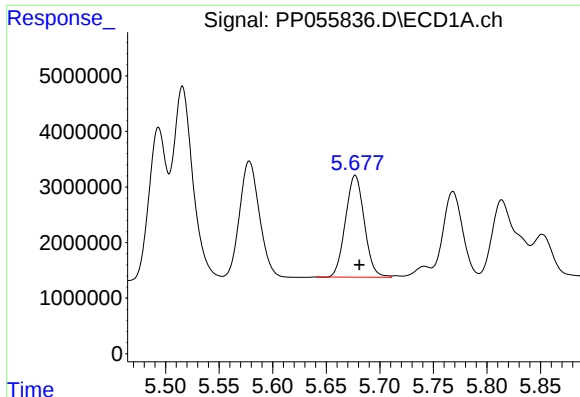
#18 AR-1242-3

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 27806306
Conc: 623.26 ng/ml



#18 AR-1242-3

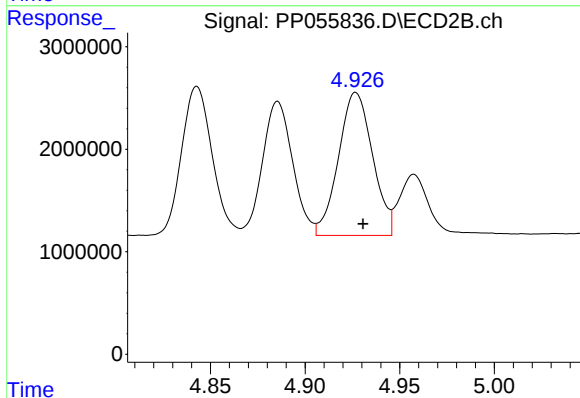
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16398489
Conc: 579.24 ng/ml



#19 AR-1242-4

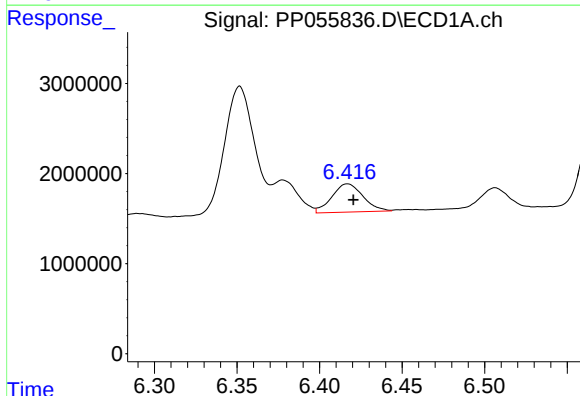
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 22424990
Conc: 620.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



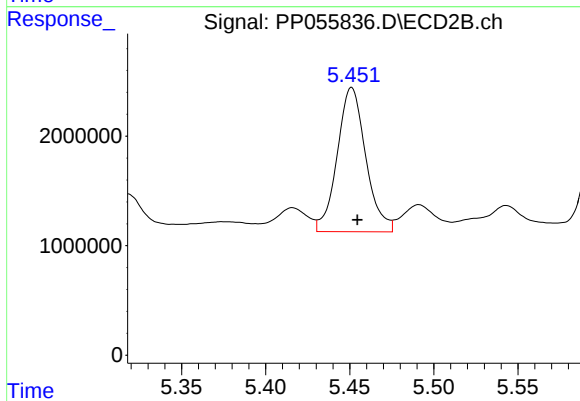
#19 AR-1242-4

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 17522043
Conc: 567.92 ng/ml



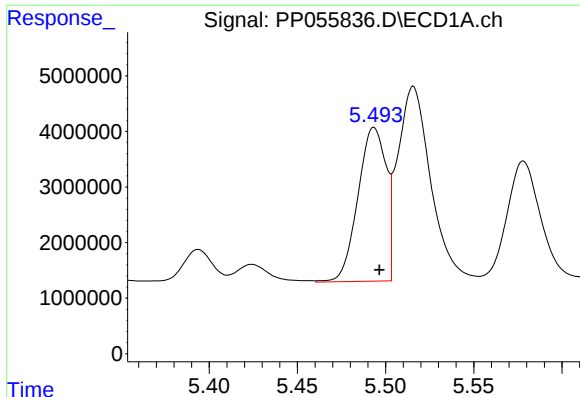
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 4110624
Conc: 98.13 ng/ml



#20 AR-1242-5

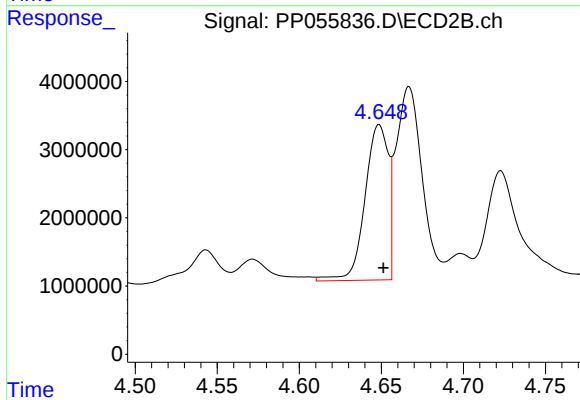
R.T.: 5.451 min
Delta R.T.: -0.003 min
Response: 15574714
Conc: 467.58 ng/ml



#21 AR-1248-1

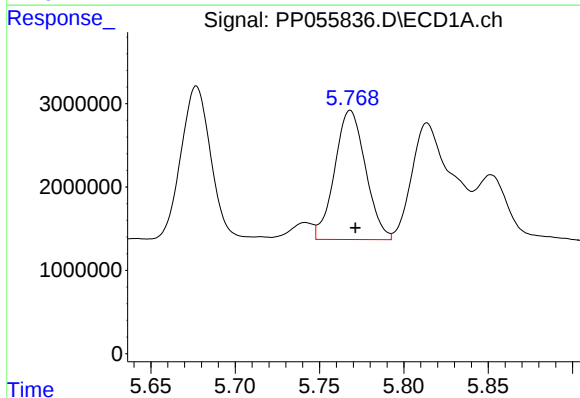
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 30837541
Conc: 847.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



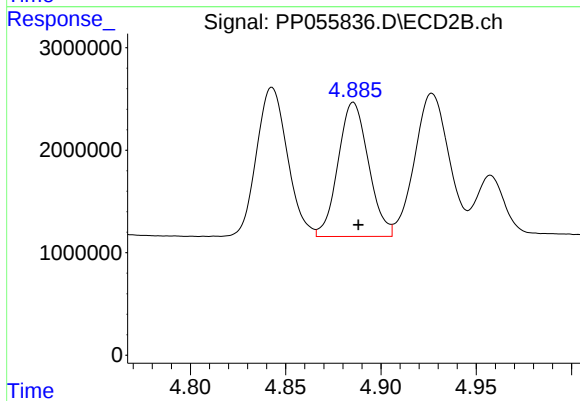
#21 AR-1248-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 22559982
Conc: 807.79 ng/ml



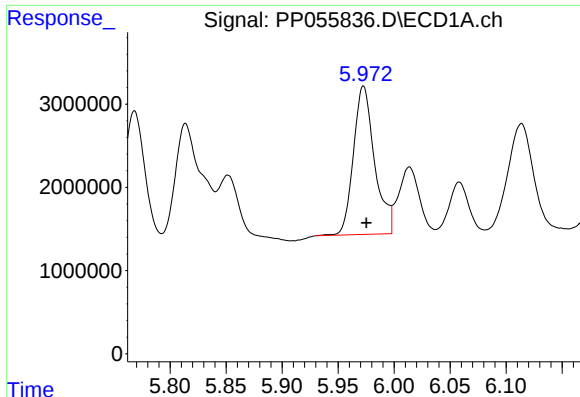
#22 AR-1248-2

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 19771466
Conc: 343.63 ng/ml



#22 AR-1248-2

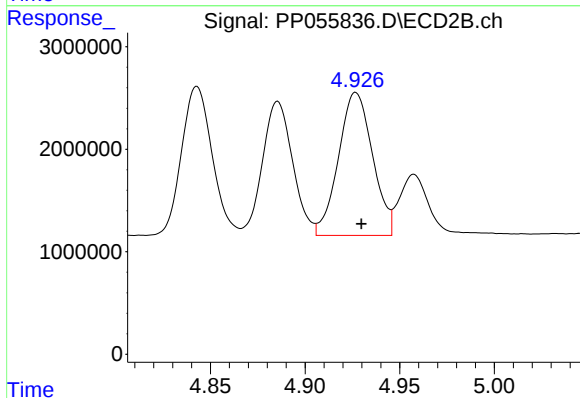
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 14545208
Conc: 341.91 ng/ml



#23 AR-1248-3

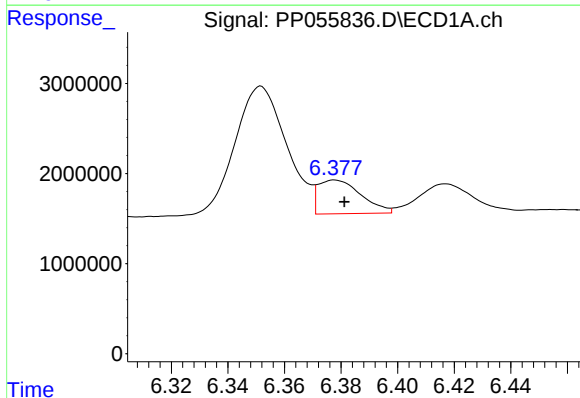
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 23463657
Conc: 361.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



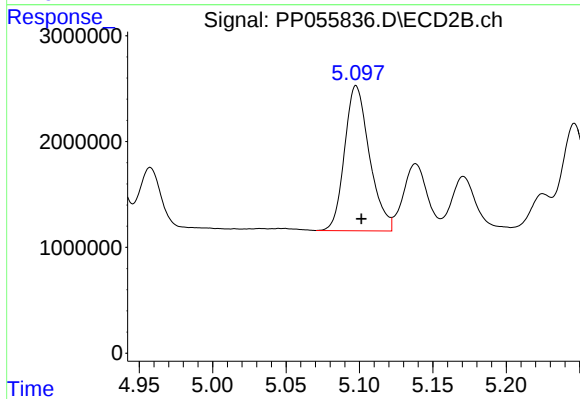
#23 AR-1248-3

R.T.: 4.927 min
Delta R.T.: -0.003 min
Response: 17522043
Conc: 393.74 ng/ml



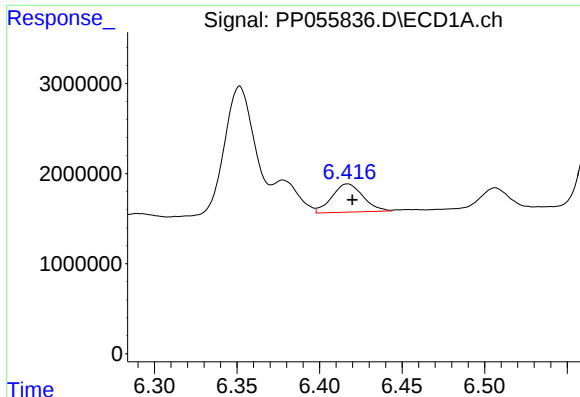
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 3943246
Conc: 54.35 ng/ml



#24 AR-1248-4

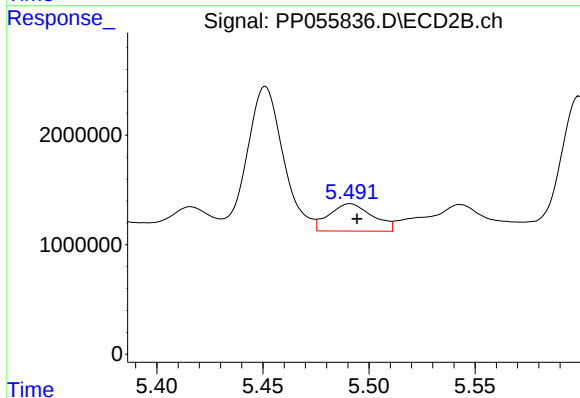
R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 16187831
Conc: 316.16 ng/ml



#25 AR-1248-5

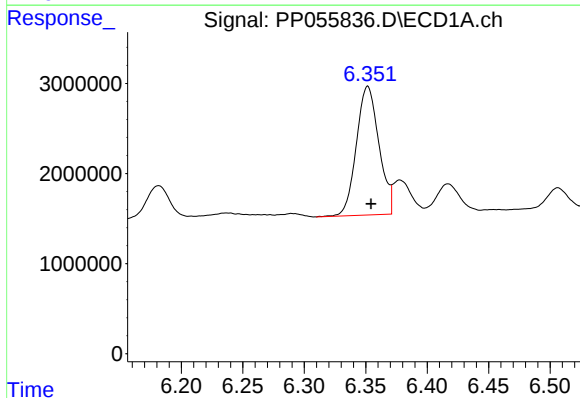
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 4110624
Conc: 58.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



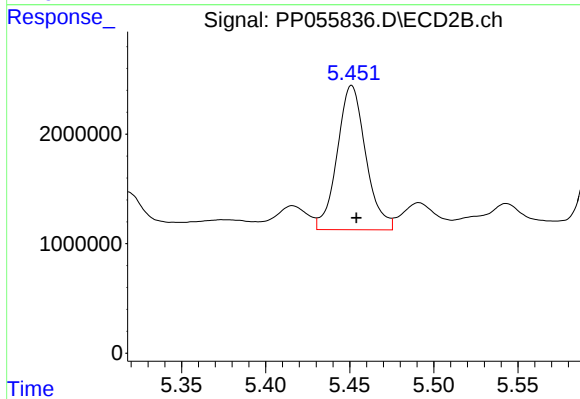
#25 AR-1248-5

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 3569510
Conc: 80.99 ng/ml



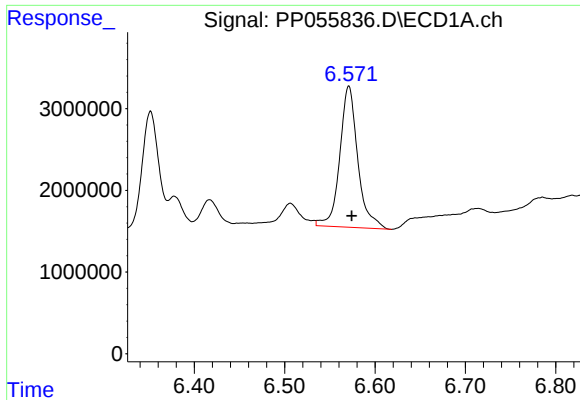
#26 AR-1254-1

R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 18246577
Conc: 248.18 ng/ml



#26 AR-1254-1

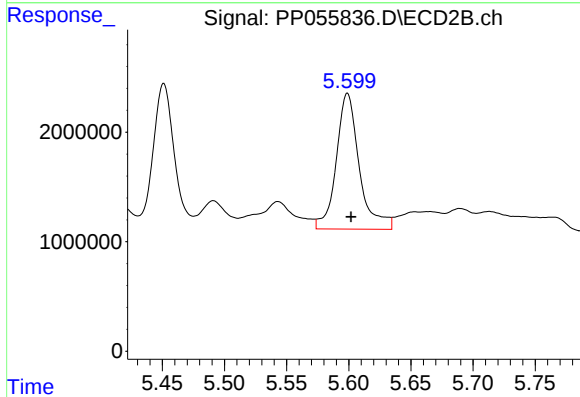
R.T.: 5.451 min
Delta R.T.: -0.003 min
Response: 15574714
Conc: 211.69 ng/ml



#27 AR-1254-2

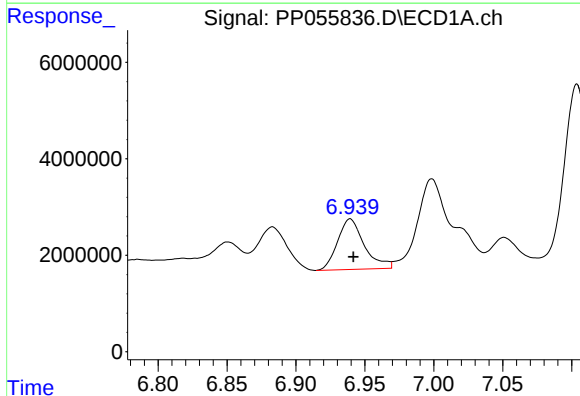
R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 23996374
Conc: 207.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



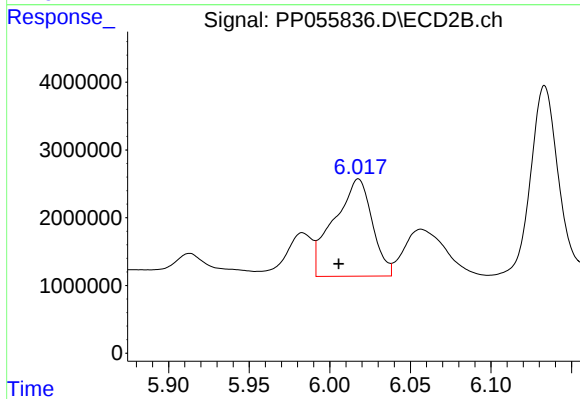
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 15995625
Conc: 254.23 ng/ml



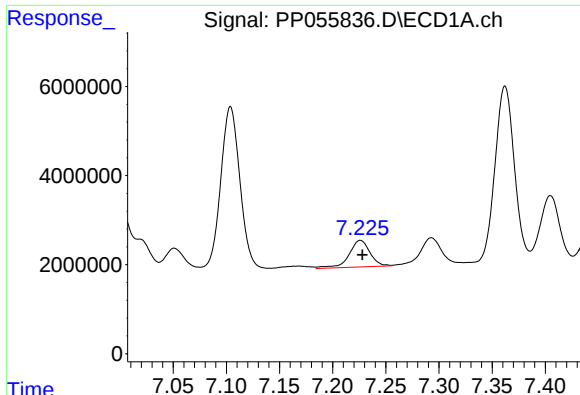
#28 AR-1254-3

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 14121403
Conc: 114.74 ng/ml



#28 AR-1254-3

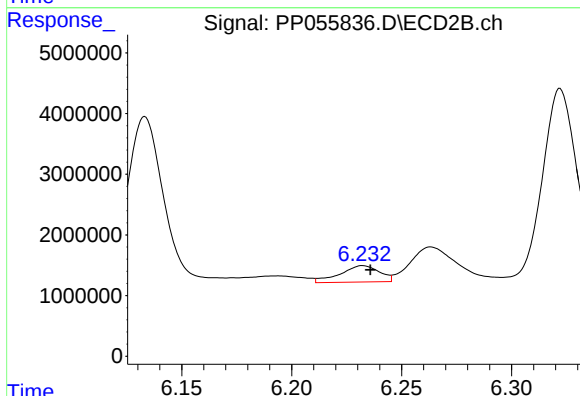
R.T.: 6.018 min
Delta R.T.: 0.012 min
Response: 23695518
Conc: 241.60 ng/ml



#29 AR-1254-4

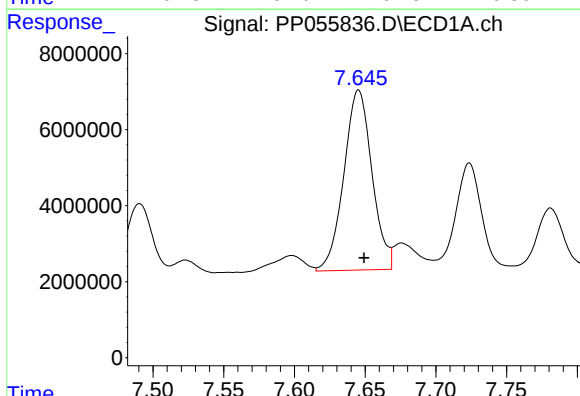
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 8211380
Conc: 89.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



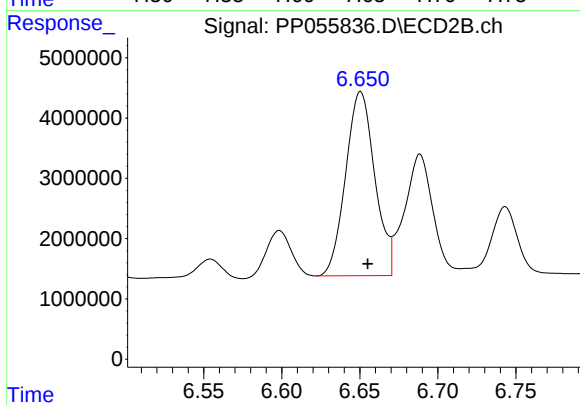
#29 AR-1254-4

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 3382914
Conc: 61.46 ng/ml



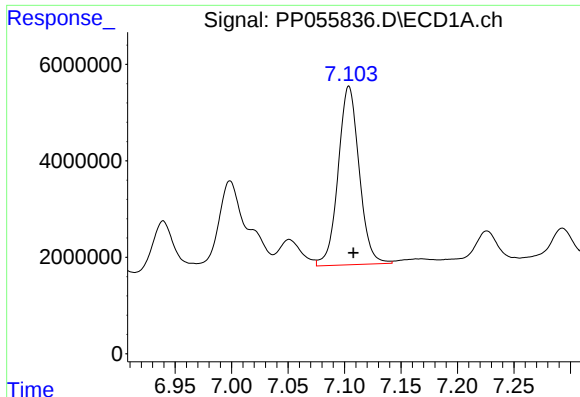
#30 AR-1254-5

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 65667715
Conc: 624.79 ng/ml



#30 AR-1254-5

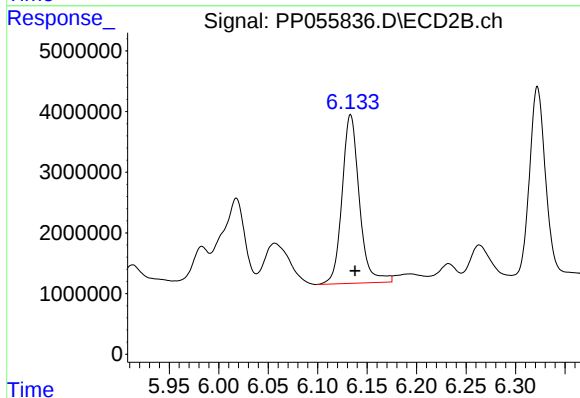
R.T.: 6.651 min
Delta R.T.: -0.005 min
Response: 39707845
Conc: 488.72 ng/ml



#31 AR-1260-1

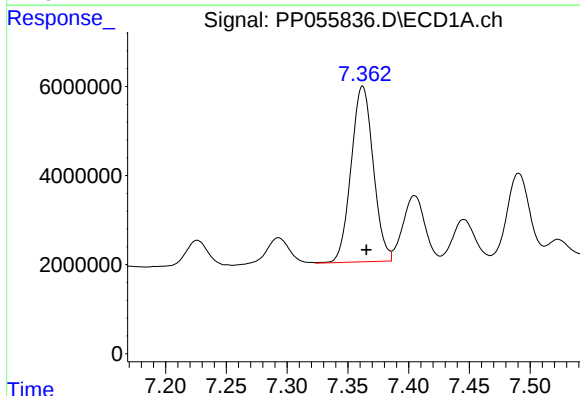
R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 47925284
Conc: 462.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



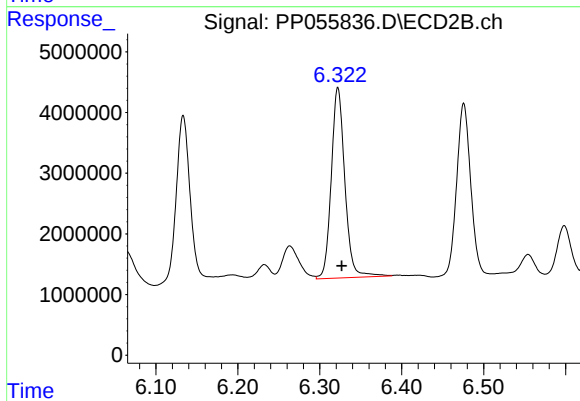
#31 AR-1260-1

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 33811686
Conc: 463.80 ng/ml



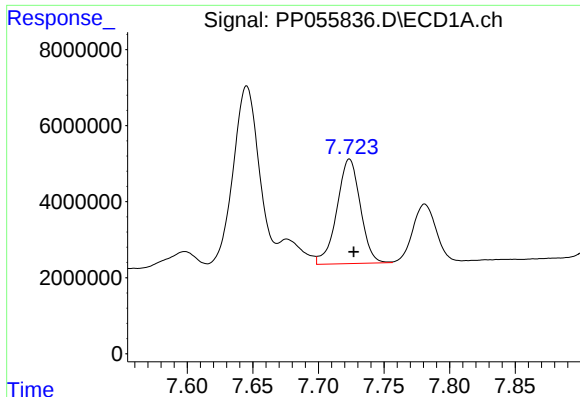
#32 AR-1260-2

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 49974417
Conc: 397.34 ng/ml



#32 AR-1260-2

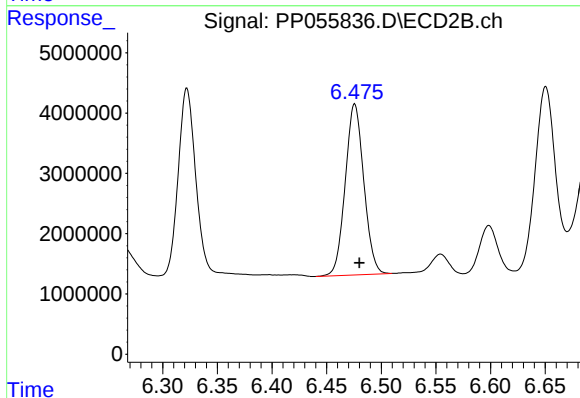
R.T.: 6.322 min
Delta R.T.: -0.005 min
Response: 36211169
Conc: 443.78 ng/ml



#33 AR-1260-3

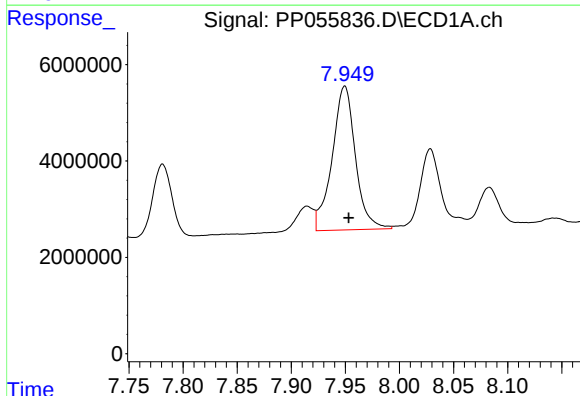
R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 34205873
Conc: 389.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



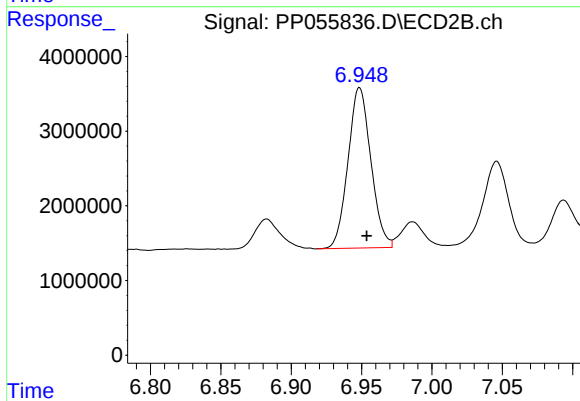
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 33492272
Conc: 396.33 ng/ml



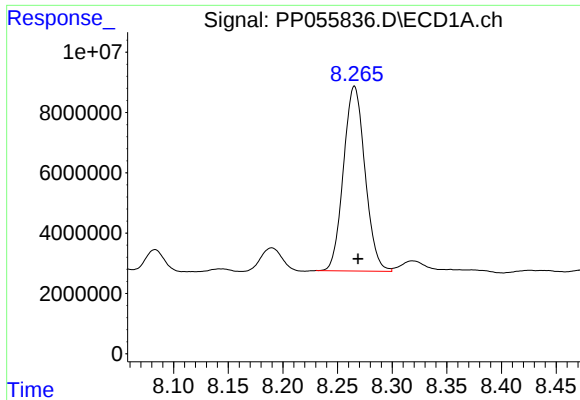
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.003 min
Response: 44756358
Conc: 416.44 ng/ml



#34 AR-1260-4

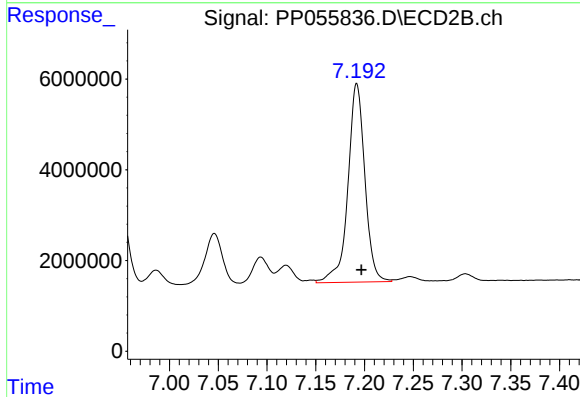
R.T.: 6.949 min
Delta R.T.: -0.005 min
Response: 24345743
Conc: 380.40 ng/ml



#35 AR-1260-5

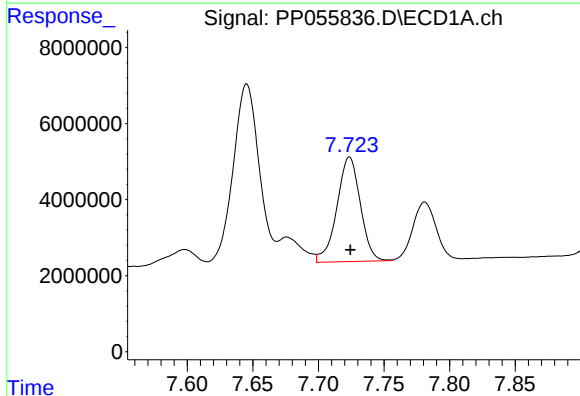
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 84001693
Conc: 406.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



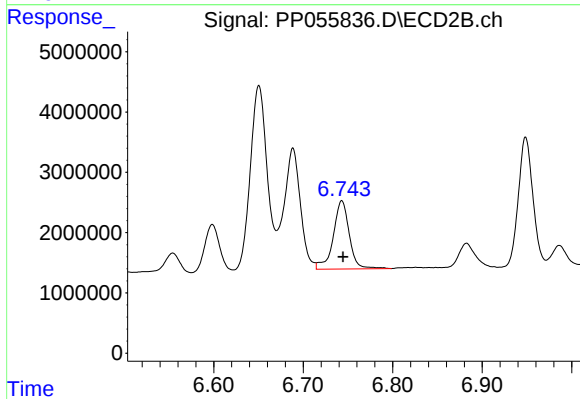
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.005 min
Response: 52983046
Conc: 391.42 ng/ml



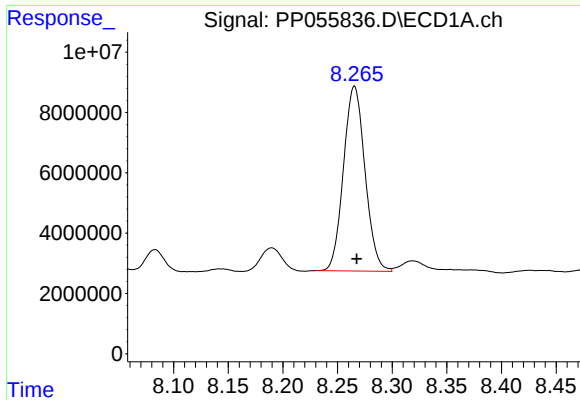
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 34205873
Conc: 289.93 ng/ml



#36 AR-1262-1

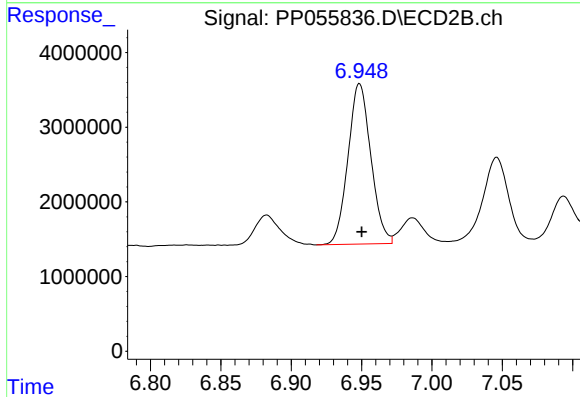
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 14121546
Conc: 400.63 ng/ml



#37 AR-1262-2

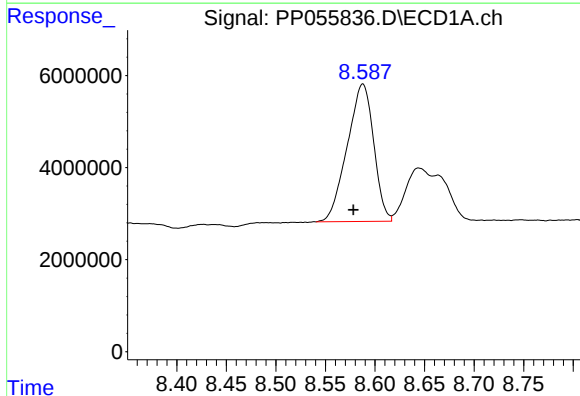
R.T.: 8.265 min
Delta R.T.: -0.002 min
Response: 84001693
Conc: 382.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



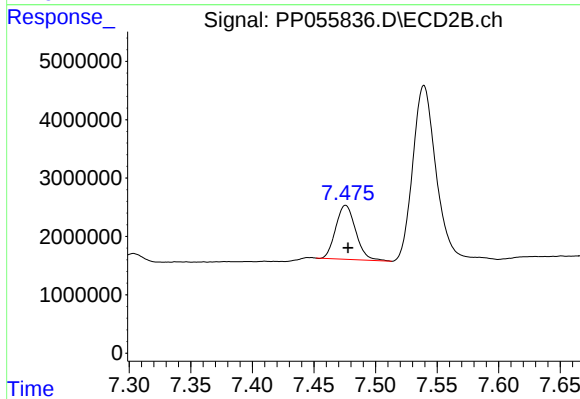
#37 AR-1262-2

R.T.: 6.949 min
Delta R.T.: -0.002 min
Response: 24345743
Conc: 327.87 ng/ml



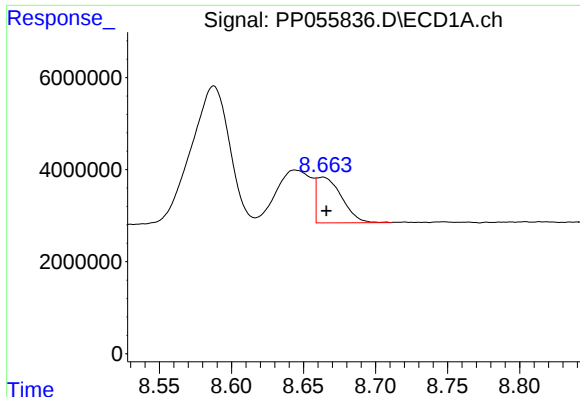
#38 AR-1262-3

R.T.: 8.588 min
Delta R.T.: 0.009 min
Response: 55471217
Conc: 362.84 ng/ml



#38 AR-1262-3

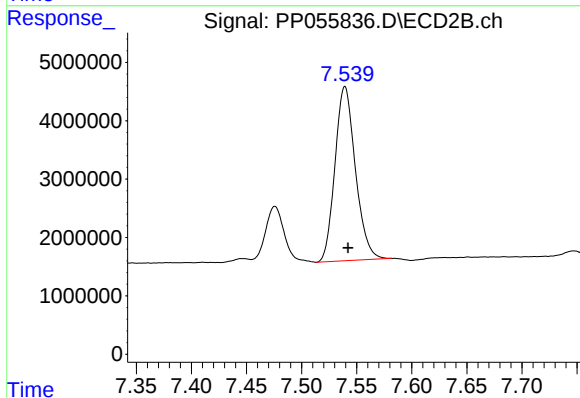
R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 10480357
Conc: 188.89 ng/ml



#39 AR-1262-4

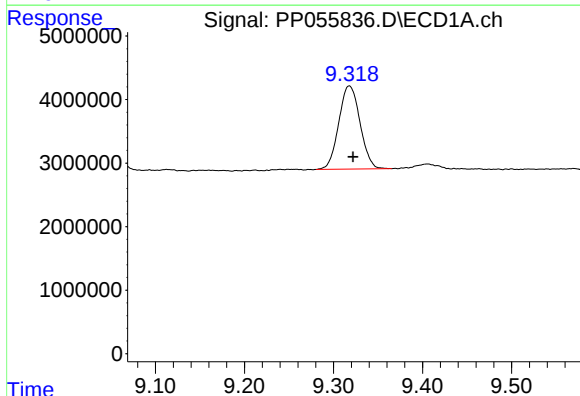
R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 11920164
Conc: 158.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



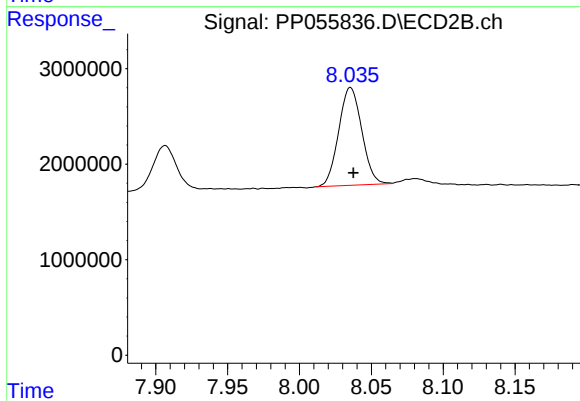
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 38505763
Conc: 379.31 ng/ml



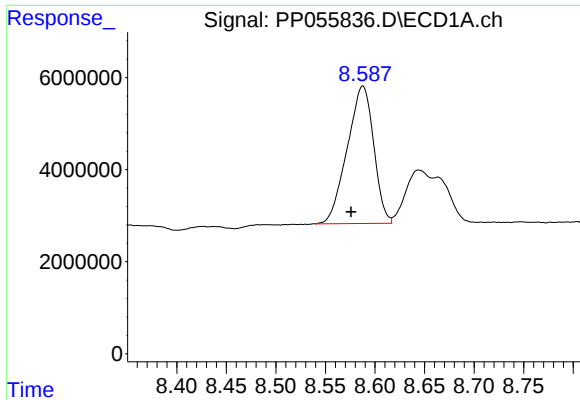
#40 AR-1262-5

R.T.: 9.318 min
Delta R.T.: -0.004 min
Response: 21706452
Conc: 263.28 ng/ml



#40 AR-1262-5

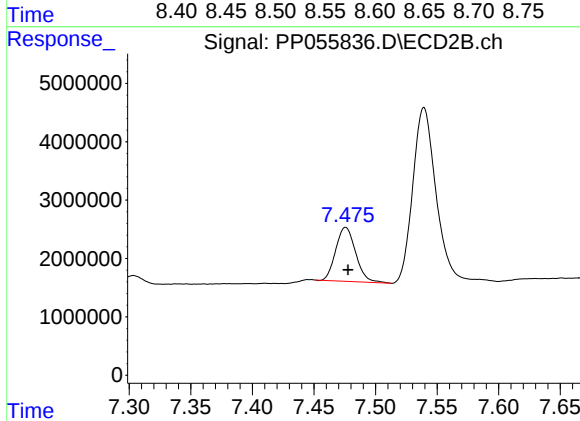
R.T.: 8.036 min
Delta R.T.: -0.002 min
Response: 11479350
Conc: 252.42 ng/ml



#41 AR-1268-1

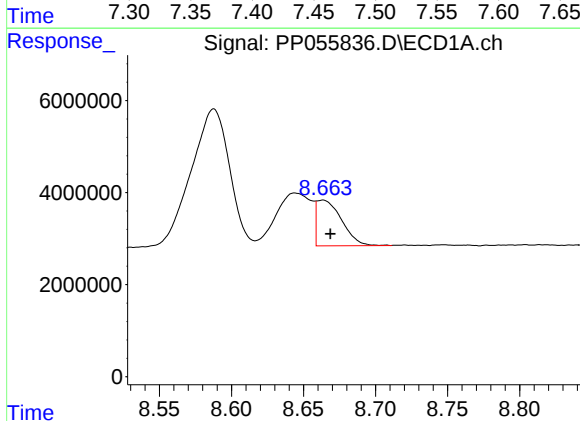
R.T.: 8.588 min
Delta R.T.: 0.012 min
Response: 55471217
Conc: 194.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



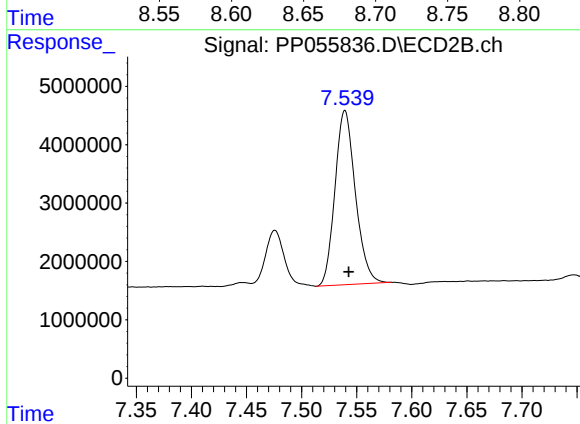
#41 AR-1268-1

R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 10480357
Conc: 62.33 ng/ml



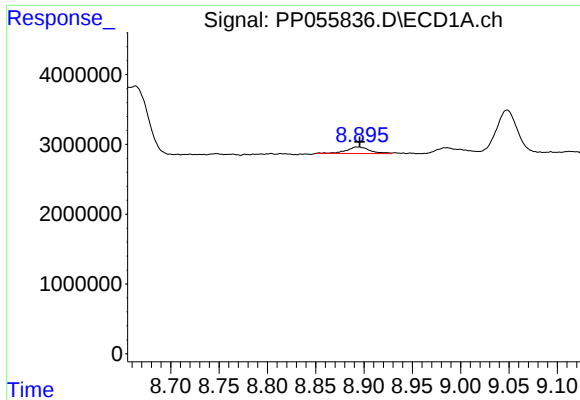
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.005 min
Response: 11920164
Conc: 44.71 ng/ml



#42 AR-1268-2

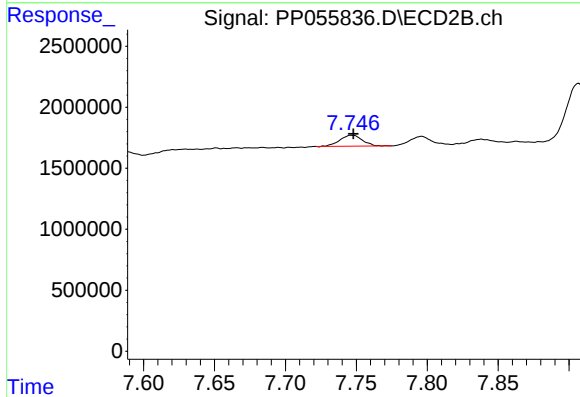
R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 38505763
Conc: 251.74 ng/ml



#43 AR-1268-3

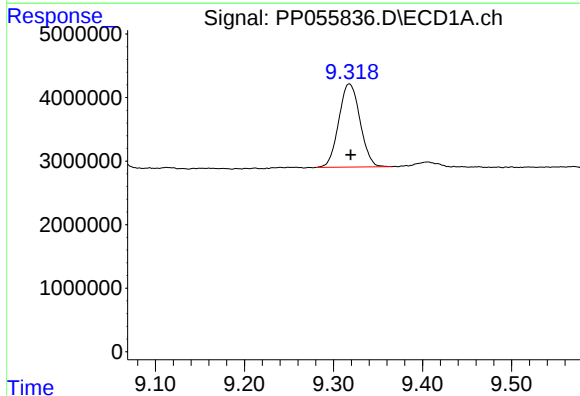
R.T.: 8.894 min
Delta R.T.: -0.002 min
Response: 1531755
Conc: 6.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



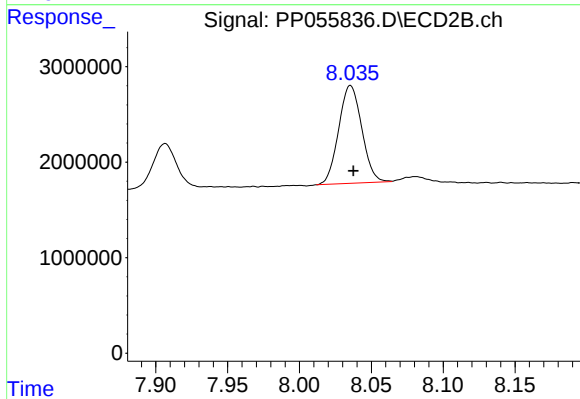
#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: -0.001 min
Response: 984672
Conc: 7.18 ng/ml



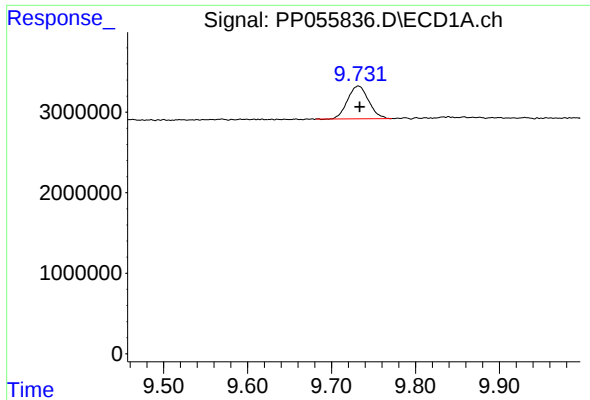
#44 AR-1268-4

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 21706452
Conc: 219.86 ng/ml



#44 AR-1268-4

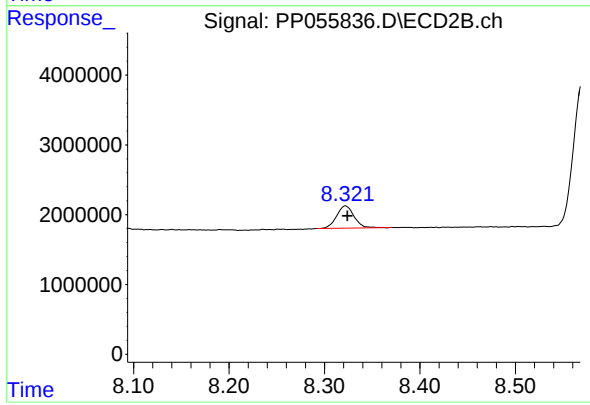
R.T.: 8.036 min
Delta R.T.: -0.002 min
Response: 11479350
Conc: 208.65 ng/ml



#45 AR-1268-5

R.T.: 9.732 min
Delta R.T.: -0.002 min
Response: 7091776
Conc: 9.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 4044329
Conc: 10.03 ng/ml