

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060822\
 Data File : PR054774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2022 11:34
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 12:56:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 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...	3.650	2.924	227.2E6	102.6E6	56.291	55.333
2)	SA Decachlor...	9.537	8.148	75816804	75371205	46.391	45.063
Target Compounds							
3)	L1 AR-1016-1	4.867	4.030	65112459	35017545	510.875	531.178
4)	L1 AR-1016-2	4.889	4.048	91440658	48251173	510.002	539.155
5)	L1 AR-1016-3	4.953	4.225	54872757	27471142	501.700	565.927
6)	L1 AR-1016-4	5.055	4.276	44318289	20766339	504.247	549.870
7)	L1 AR-1016-5	5.370	4.491	39107178	27371546	490.722	562.931
8)	L2 AR-1221-1	3.866	3.146	7717494	3213985	167.295	153.777
9)	L2 AR-1221-2	3.959	3.231	10459694	4894882	306.450	309.475
10)	L2 AR-1221-3	4.036	3.308	38591753	18196979	377.700	375.108
11)	L3 AR-1232-1	4.036	3.308	38591753	18196979	402.590	403.011
12)	L3 AR-1232-2	4.583	4.048	49983557	48251173	1103.021	1156.673
13)	L3 AR-1232-3	4.889	4.225	91440658	27471142	1097.885	1209.724
14)	L3 AR-1232-4	5.055	4.317	44318289	24660735	1103.547	1259.176
15)	L3 AR-1232-5	5.159	4.491	34184599	27371546	1188.277	1211.345
16)	L4 AR-1242-1	4.867	4.030	65112459	35017545	670.535	706.994
17)	L4 AR-1242-2	4.889	4.048	91440658	48251173	682.204	711.668
18)	L4 AR-1242-3	4.953	4.225	54872757	27471142	660.499	740.140
19)	L4 AR-1242-4	5.055	4.317	44318289	24660735	657.864	708.420
20)	L4 AR-1242-5	5.842	4.859	5632046	20228147	96.512	447.842 #
21)	L5 AR-1248-1	4.867	4.030	65112459	35017545	912.669	948.287
22)	L5 AR-1248-2	5.159	4.276	34184599	20766339	381.714	425.332
23)	L5 AR-1248-3	5.370	4.317	39107178	24660735	391.061	489.513 #
24)	L5 AR-1248-4	5.800	4.491	4607538	27371546	46.637	447.245 #
25)	L5 AR-1248-5	5.842	4.900	5632046	4227385	58.847	67.996
26)	L6 AR-1254-1	5.772	4.859	24753467	20228147	247.602	216.070
27)	L6 AR-1254-2	6.009	5.016	25831617	19463844	183.905	240.205 #
28)	L6 AR-1254-3	6.400	5.436	13076681	10277784	97.361	77.300
29)	L6 AR-1254-4	6.711	5.680	7832571	5598568	79.529	65.521
30)	L6 AR-1254-5	7.166	6.122	67603419	65581440	693.621	550.760
31)	L7 AR-1260-1	6.580	5.575	48575607	48066124	472.237	513.266
32)	L7 AR-1260-2	6.863	5.779	53910276	57627993	452.706	499.399
33)	L7 AR-1260-3	7.253	5.936	41076138	53624465	536.410	447.703
34)	L7 AR-1260-4	7.496	6.440	44365392	41032139	492.119	498.465
35)	L7 AR-1260-5	7.833	6.704	80914698	97771773	483.815	502.426
36)	L8 AR-1262-1	7.253	6.167	41076138	43053189	355.369	353.460
37)	L8 AR-1262-2	7.833	6.440	80914698	41032139	406.425	368.454
38)	L8 AR-1262-3	8.146	7.008	52657129	20182992	384.048	229.404 #
39)	L8 AR-1262-4	8.224	7.074	13714182	70800326	224.092	421.582 #
40)	L8 AR-1262-5	8.845	7.612	23492839	23787932	310.622	299.521
41)	L9 AR-1268-1	8.146	7.008	52657129	20182992	225.732	78.161 #

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 ALS Vial : 3 Sample Multiplier: 1

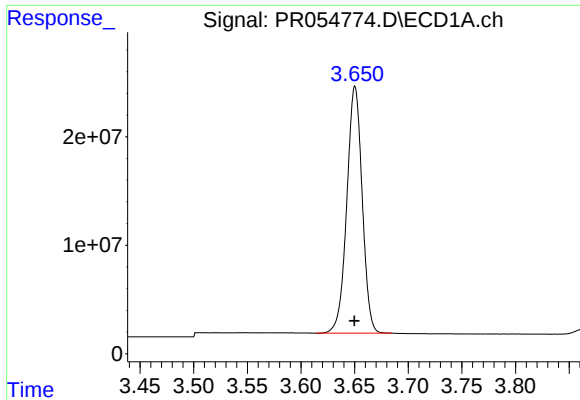
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 12:56:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 2022
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 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
42) L9	AR-1268-2	8.224	7.074	13714182	70800326	63.763	297.178 #
43) L9	AR-1268-3	8.445	7.298	25068931	1505116	139.872	7.578 #
44) L9	AR-1268-4	8.845	7.612	23492839	23787932	278.120	266.661
45) L9	AR-1268-5	9.228	7.906	6959577	7150542	11.756	11.008

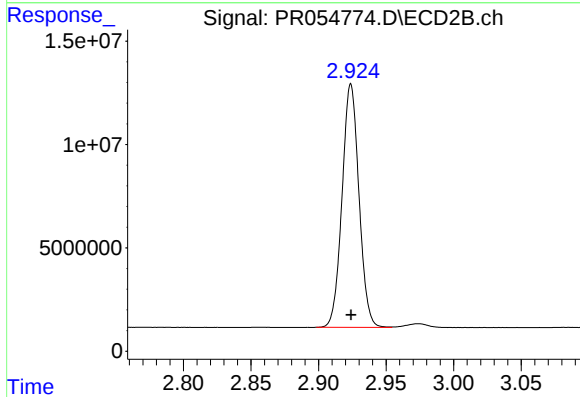
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

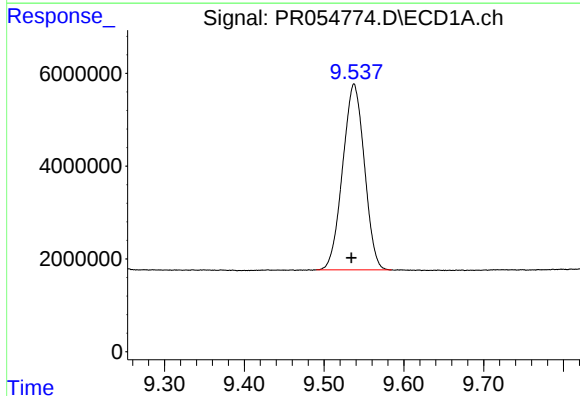
R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 227228234
Conc: 56.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



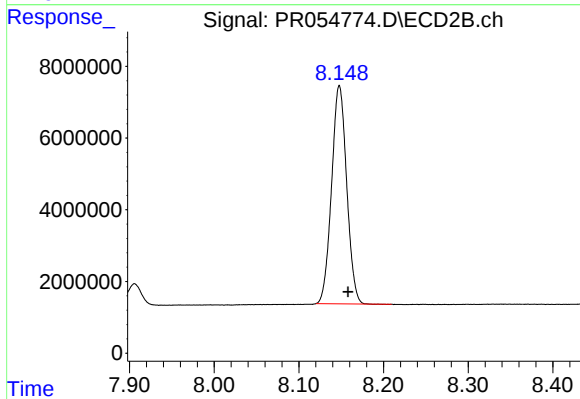
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: 0.000 min
Response: 102598380
Conc: 55.33 ng/ml



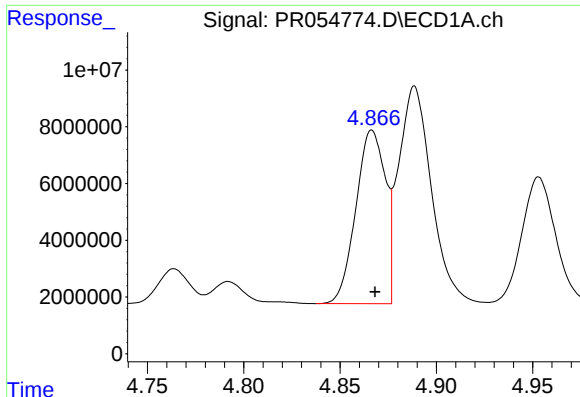
#2 Decachlorobiphenyl

R.T.: 9.537 min
Delta R.T.: 0.003 min
Response: 75816804
Conc: 46.39 ng/ml



#2 Decachlorobiphenyl

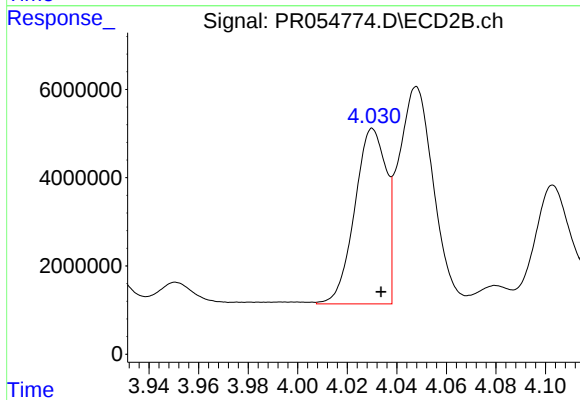
R.T.: 8.148 min
Delta R.T.: -0.010 min
Response: 75371205
Conc: 45.06 ng/ml



#3 AR-1016-1

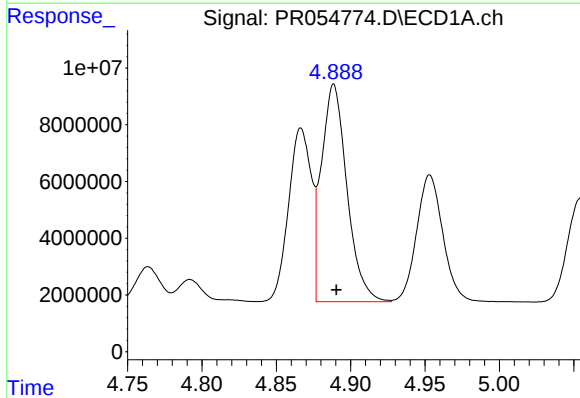
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 65112459
Conc: 510.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



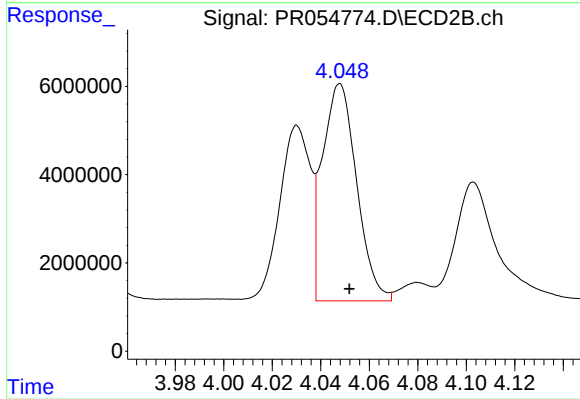
#3 AR-1016-1

R.T.: 4.030 min
Delta R.T.: -0.003 min
Response: 35017545
Conc: 531.18 ng/ml



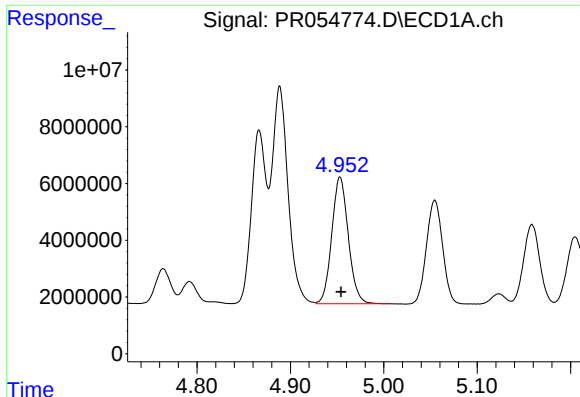
#4 AR-1016-2

R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 91440658
Conc: 510.00 ng/ml



#4 AR-1016-2

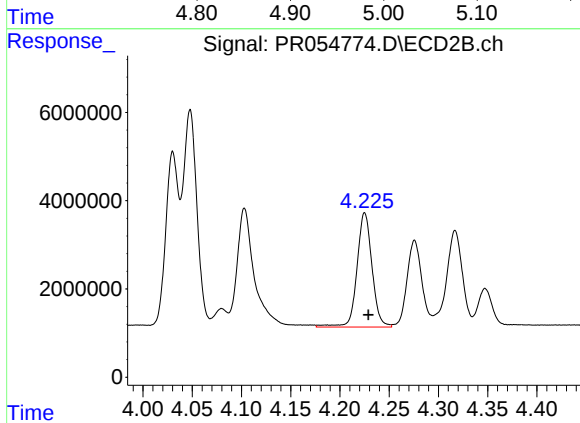
R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 48251173
Conc: 539.15 ng/ml



#5 AR-1016-3

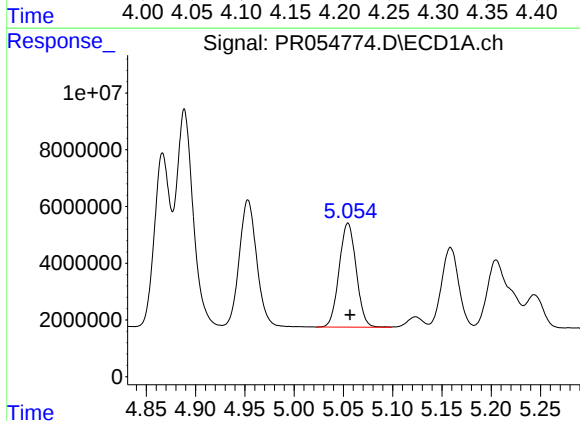
R.T.: 4.953 min
Delta R.T.: -0.001 min
Response: 54872757
Conc: 501.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



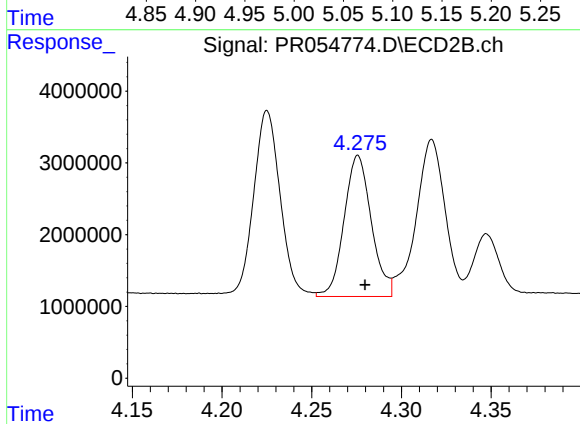
#5 AR-1016-3

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 27471142
Conc: 565.93 ng/ml



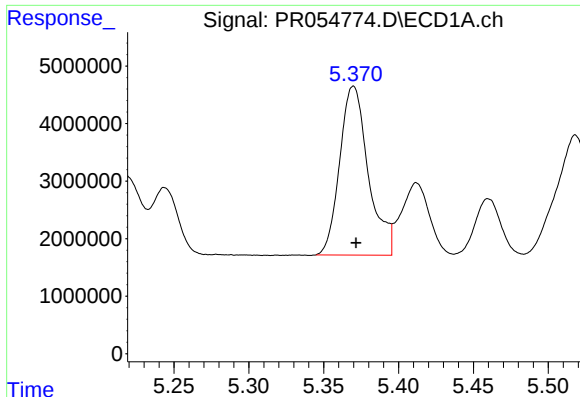
#6 AR-1016-4

R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 44318289
Conc: 504.25 ng/ml



#6 AR-1016-4

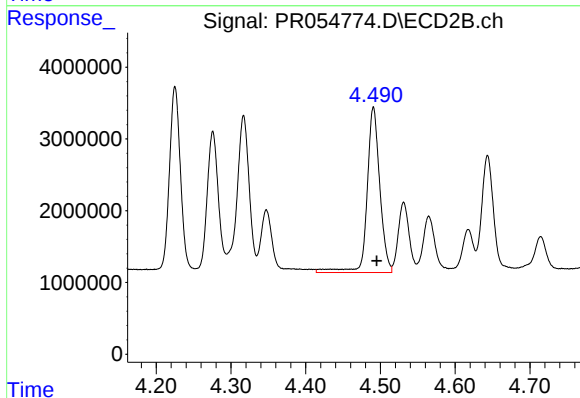
R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 20766339
Conc: 549.87 ng/ml



#7 AR-1016-5

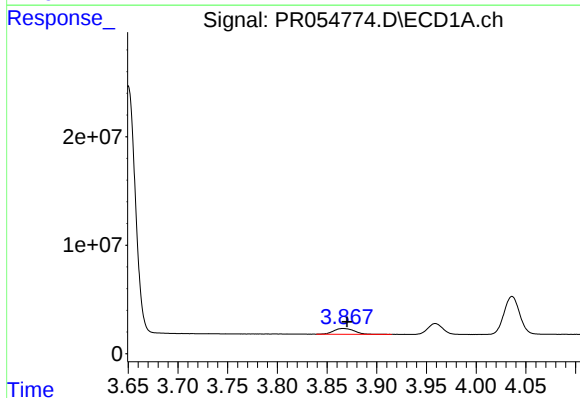
R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 39107178
Conc: 490.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



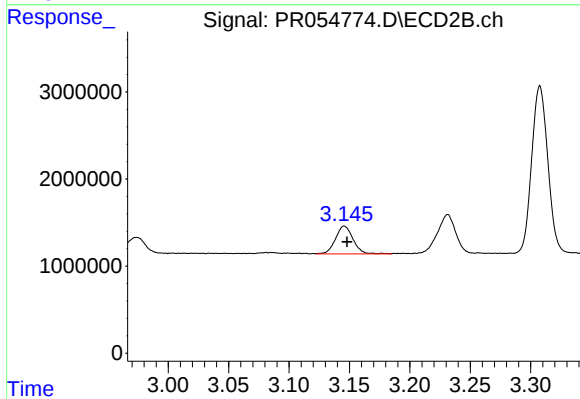
#7 AR-1016-5

R.T.: 4.491 min
Delta R.T.: -0.005 min
Response: 27371546
Conc: 562.93 ng/ml



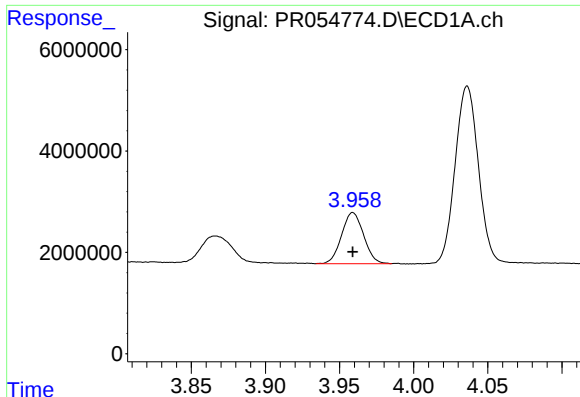
#8 AR-1221-1

R.T.: 3.866 min
Delta R.T.: -0.004 min
Response: 7717494
Conc: 167.30 ng/ml



#8 AR-1221-1

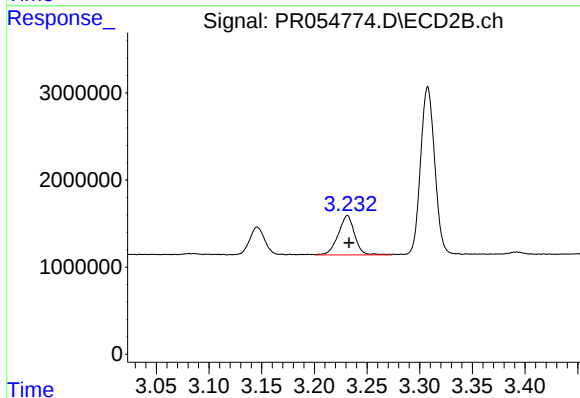
R.T.: 3.146 min
Delta R.T.: -0.002 min
Response: 3213985
Conc: 153.78 ng/ml



#9 AR-1221-2

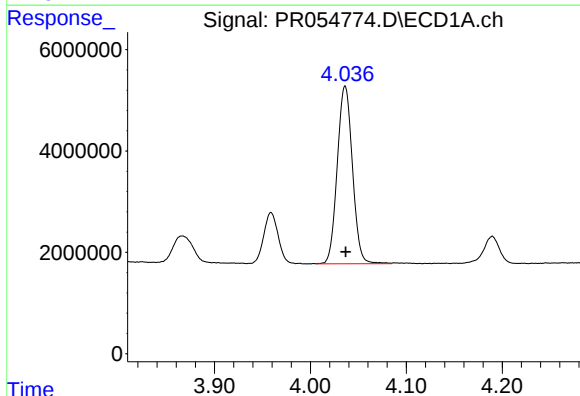
R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 10459694
Conc: 306.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



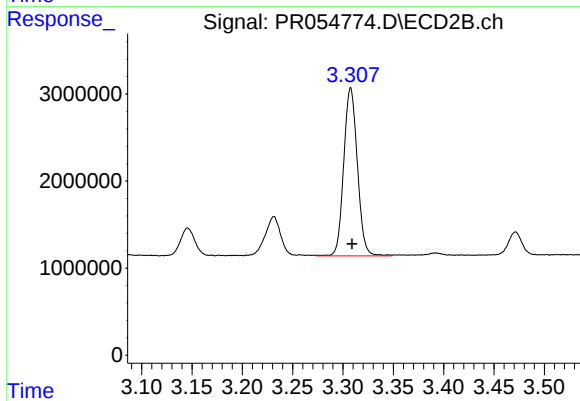
#9 AR-1221-2

R.T.: 3.231 min
Delta R.T.: -0.001 min
Response: 4894882
Conc: 309.48 ng/ml



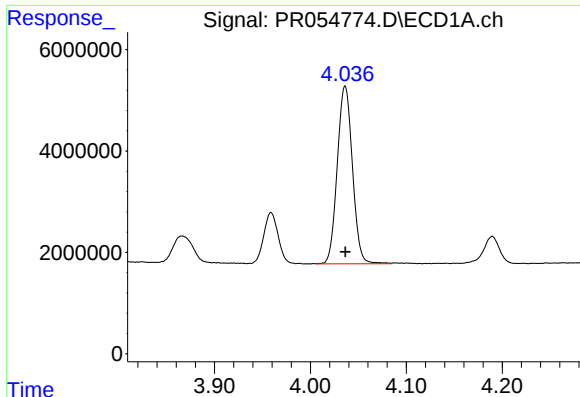
#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 38591753
Conc: 377.70 ng/ml



#10 AR-1221-3

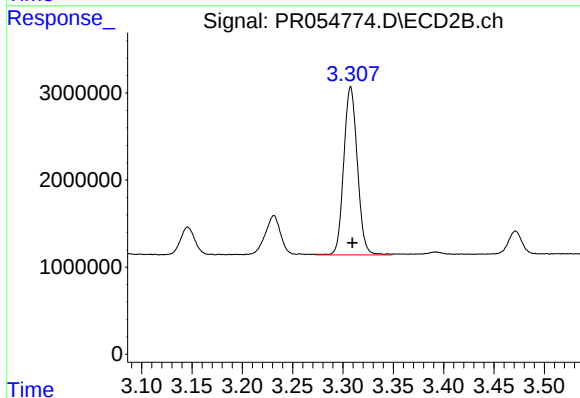
R.T.: 3.308 min
Delta R.T.: -0.001 min
Response: 18196979
Conc: 375.11 ng/ml



#11 AR-1232-1

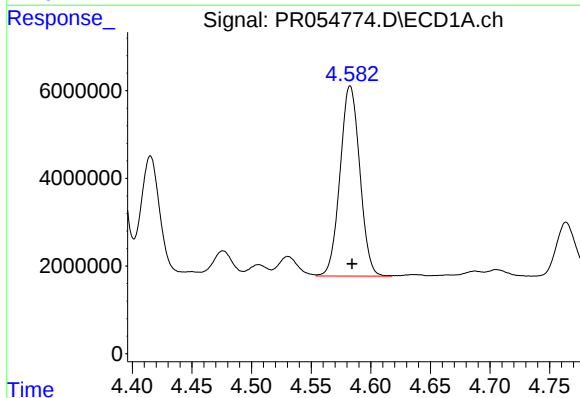
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 38591753
Conc: 402.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



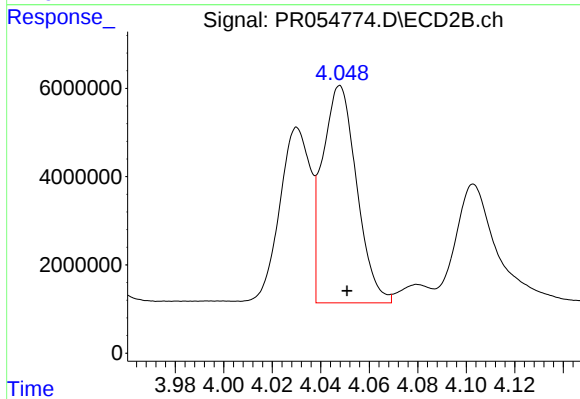
#11 AR-1232-1

R.T.: 3.308 min
Delta R.T.: -0.002 min
Response: 18196979
Conc: 403.01 ng/ml



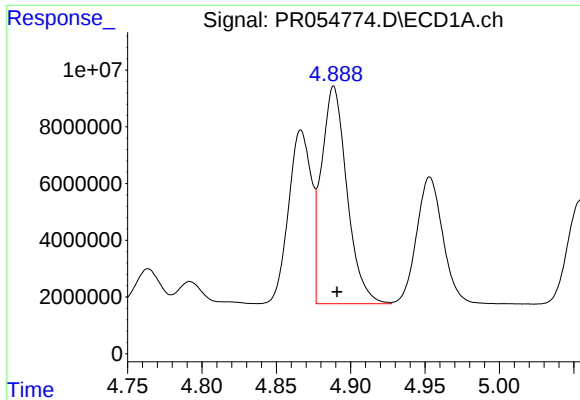
#12 AR-1232-2

R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 49983557
Conc: 1103.02 ng/ml



#12 AR-1232-2

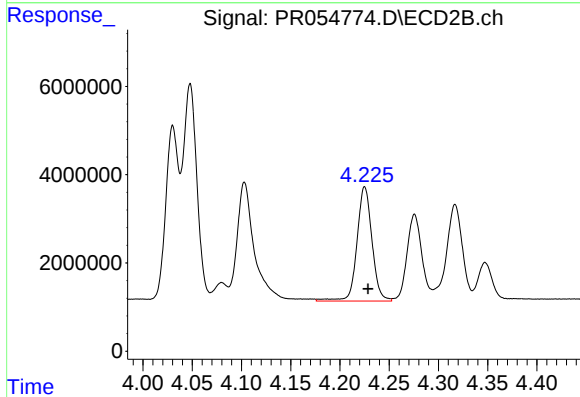
R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 48251173
Conc: 1156.67 ng/ml



#13 AR-1232-3

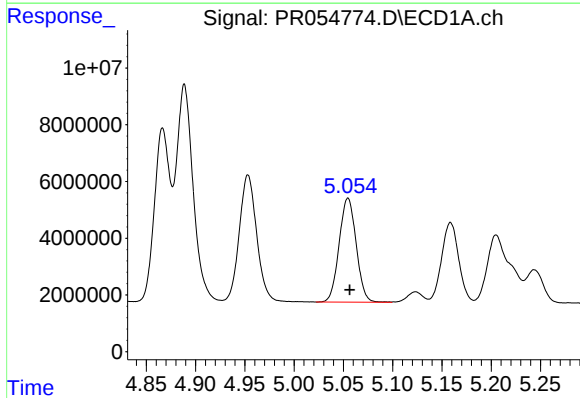
R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 91440658
Conc: 1097.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



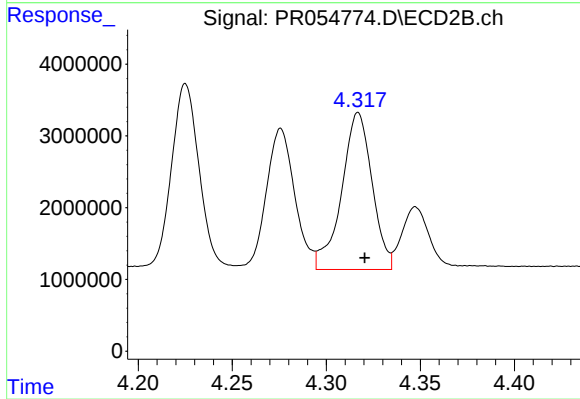
#13 AR-1232-3

R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 27471142
Conc: 1209.72 ng/ml



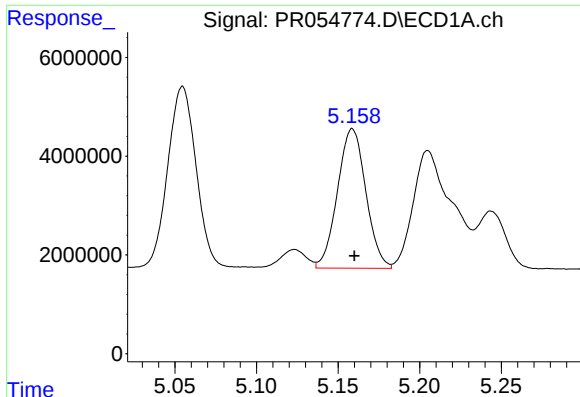
#14 AR-1232-4

R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 44318289
Conc: 1103.55 ng/ml



#14 AR-1232-4

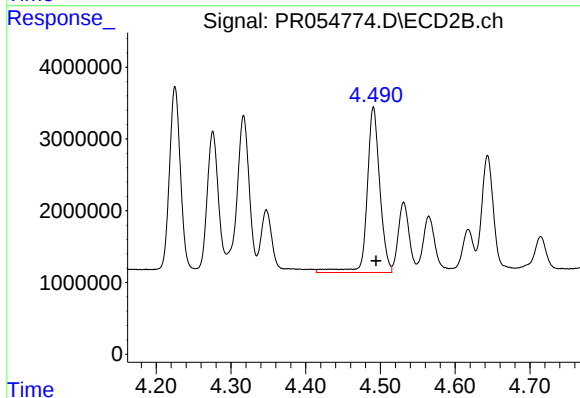
R.T.: 4.317 min
Delta R.T.: -0.003 min
Response: 24660735
Conc: 1259.18 ng/ml



#15 AR-1232-5

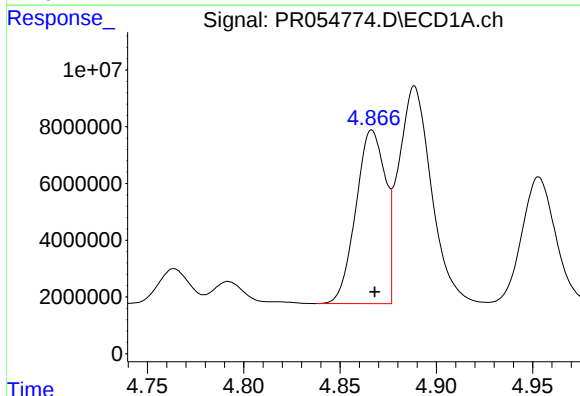
R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 34184599
Conc: 1188.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



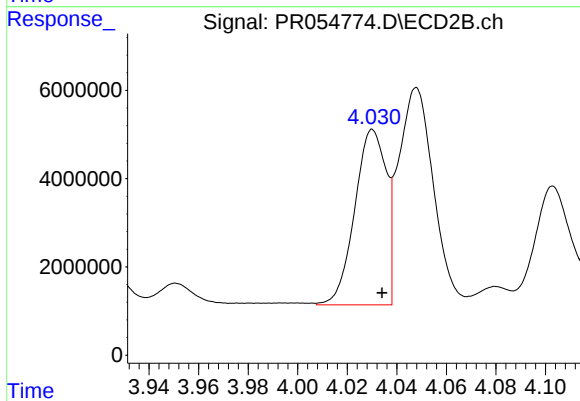
#15 AR-1232-5

R.T.: 4.491 min
Delta R.T.: -0.004 min
Response: 27371546
Conc: 1211.35 ng/ml



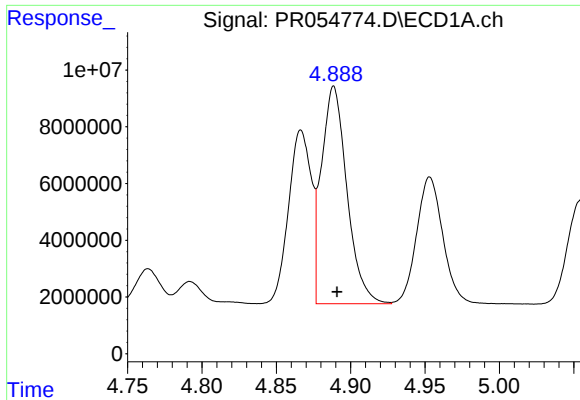
#16 AR-1242-1

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 65112459
Conc: 670.53 ng/ml



#16 AR-1242-1

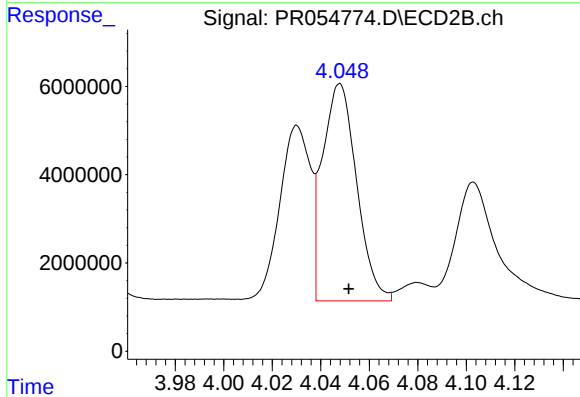
R.T.: 4.030 min
Delta R.T.: -0.004 min
Response: 35017545
Conc: 706.99 ng/ml



#17 AR-1242-2

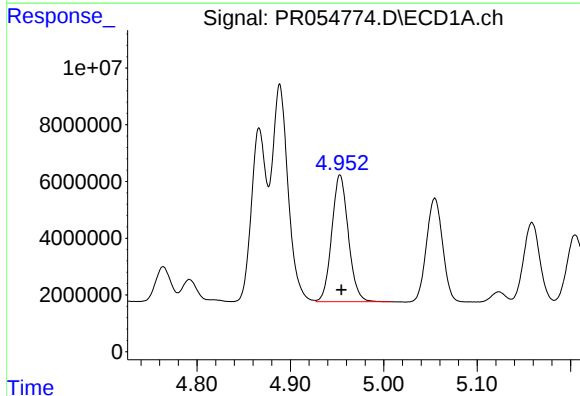
R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 91440658
Conc: 682.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



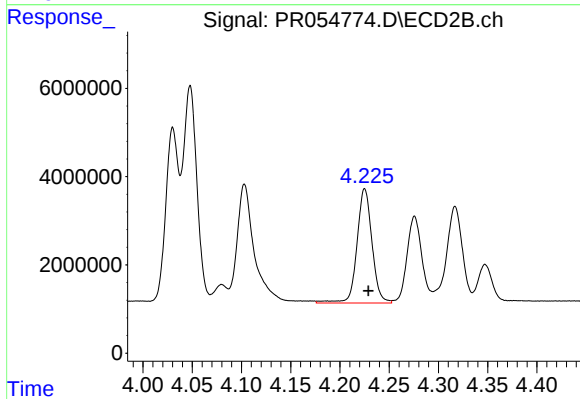
#17 AR-1242-2

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 48251173
Conc: 711.67 ng/ml



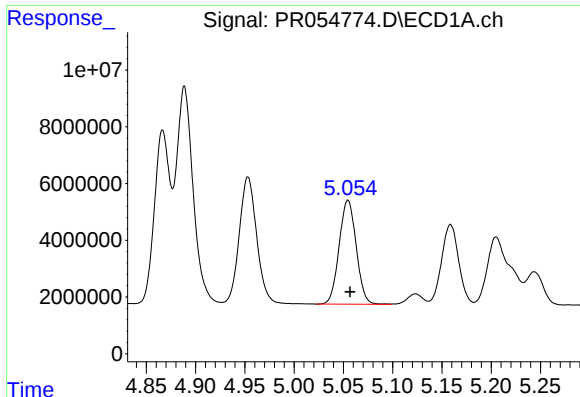
#18 AR-1242-3

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 54872757
Conc: 660.50 ng/ml



#18 AR-1242-3

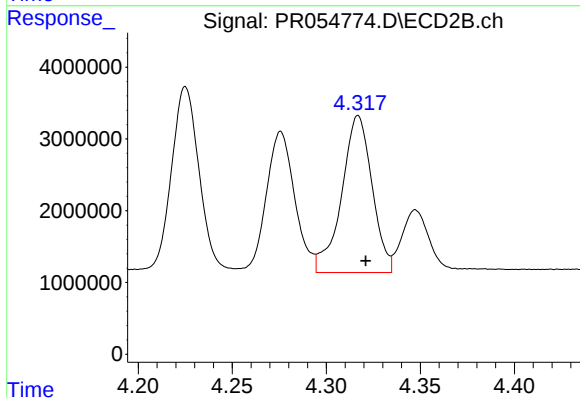
R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 27471142
Conc: 740.14 ng/ml



#19 AR-1242-4

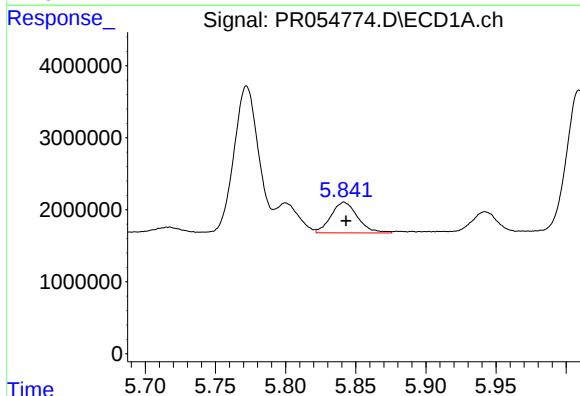
R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 44318289
Conc: 657.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



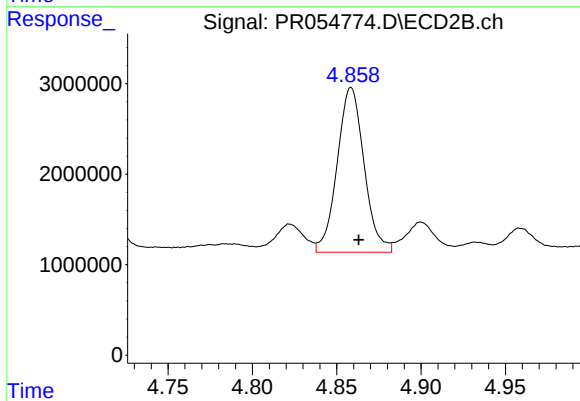
#19 AR-1242-4

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 24660735
Conc: 708.42 ng/ml



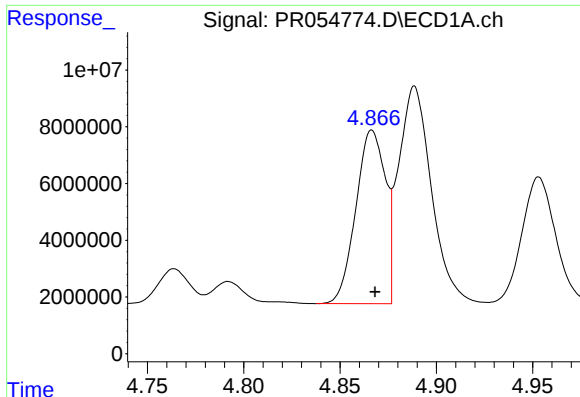
#20 AR-1242-5

R.T.: 5.842 min
Delta R.T.: -0.001 min
Response: 5632046
Conc: 96.51 ng/ml



#20 AR-1242-5

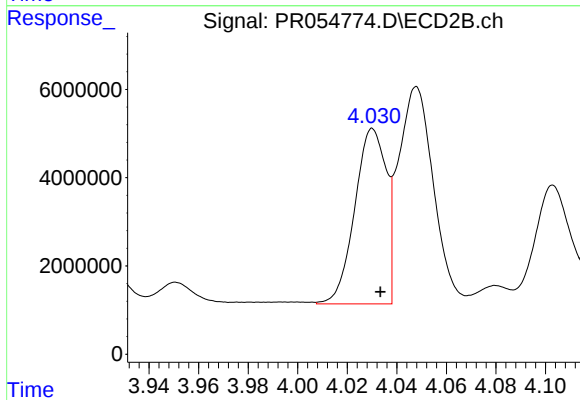
R.T.: 4.859 min
Delta R.T.: -0.005 min
Response: 20228147
Conc: 447.84 ng/ml



#21 AR-1248-1

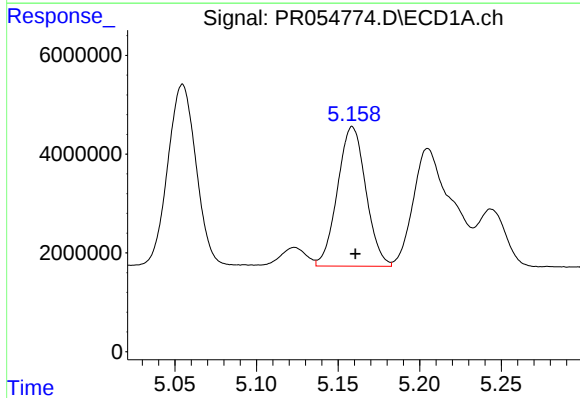
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 65112459
Conc: 912.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



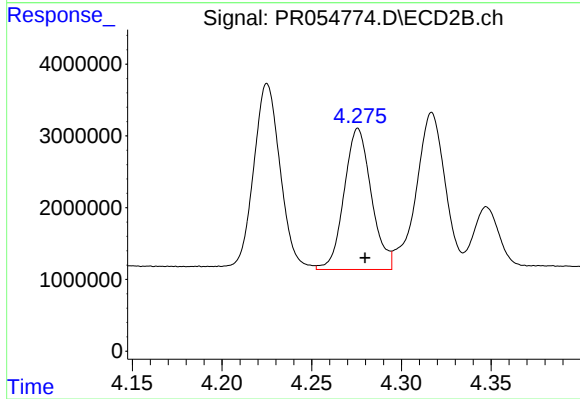
#21 AR-1248-1

R.T.: 4.030 min
Delta R.T.: -0.003 min
Response: 35017545
Conc: 948.29 ng/ml



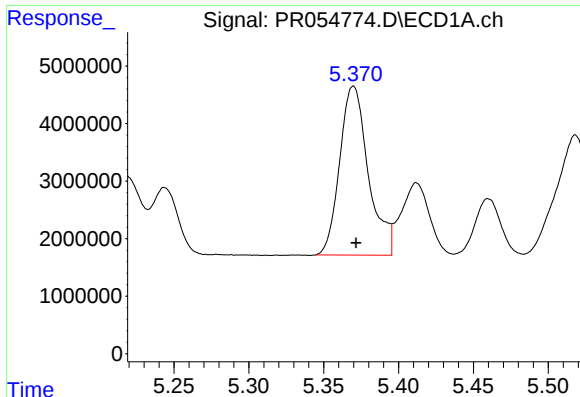
#22 AR-1248-2

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 34184599
Conc: 381.71 ng/ml



#22 AR-1248-2

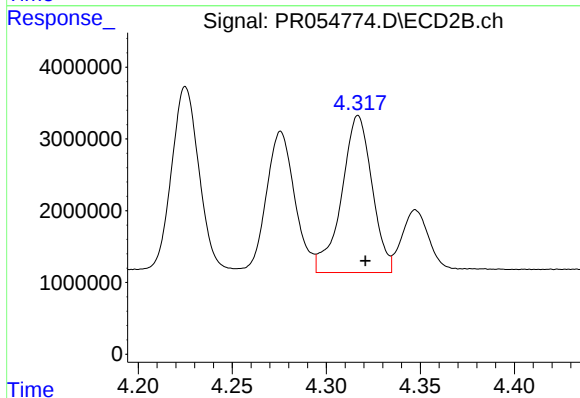
R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 20766339
Conc: 425.33 ng/ml



#23 AR-1248-3

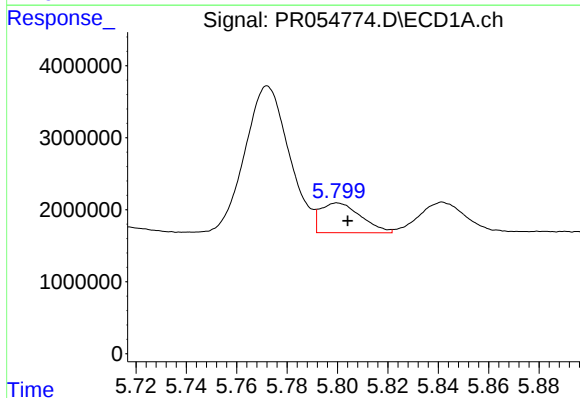
R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 39107178
Conc: 391.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



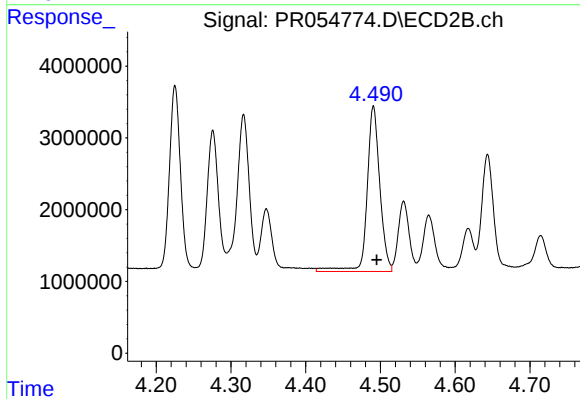
#23 AR-1248-3

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 24660735
Conc: 489.51 ng/ml



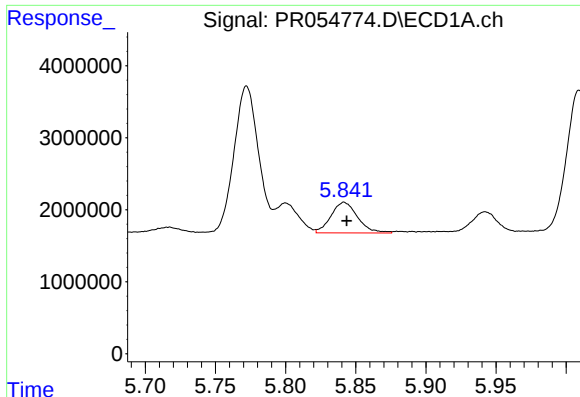
#24 AR-1248-4

R.T.: 5.800 min
Delta R.T.: -0.004 min
Response: 4607538
Conc: 46.64 ng/ml



#24 AR-1248-4

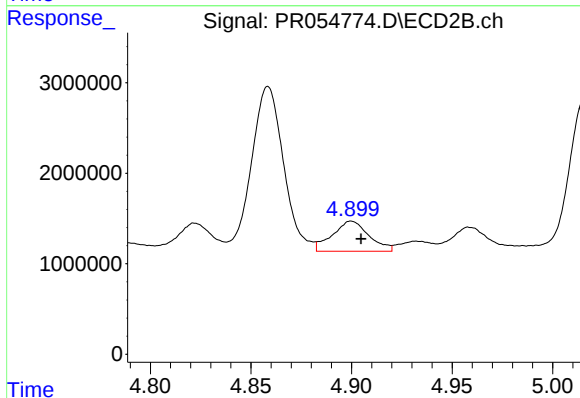
R.T.: 4.491 min
Delta R.T.: -0.004 min
Response: 27371546
Conc: 447.24 ng/ml



#25 AR-1248-5

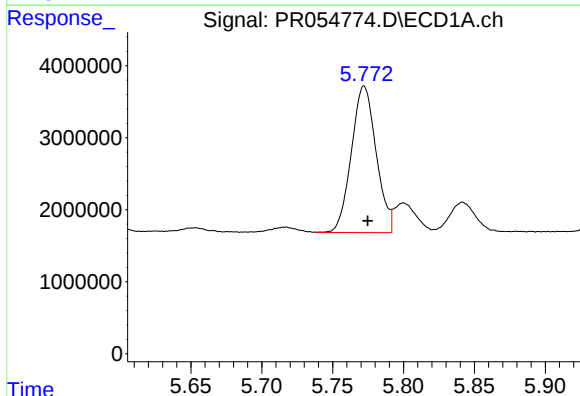
R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 5632046
Conc: 58.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



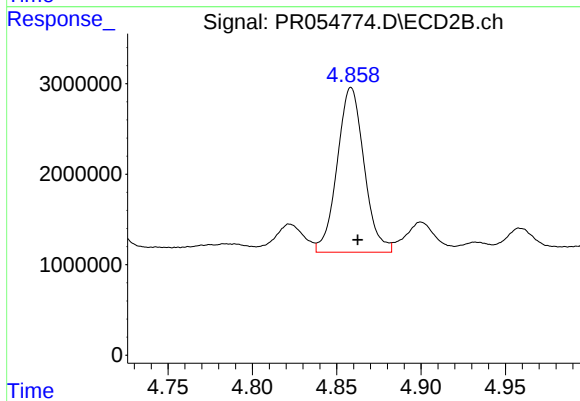
#25 AR-1248-5

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 4227385
Conc: 68.00 ng/ml



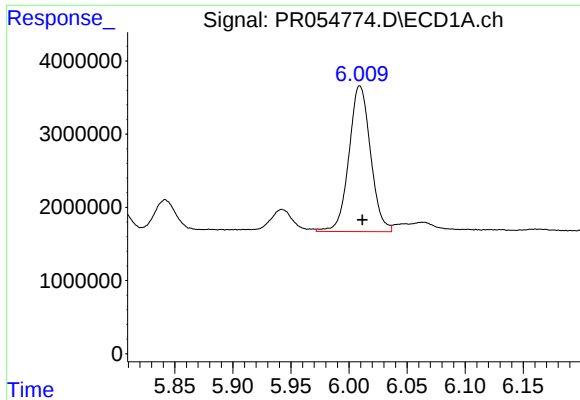
#26 AR-1254-1

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 24753467
Conc: 247.60 ng/ml



#26 AR-1254-1

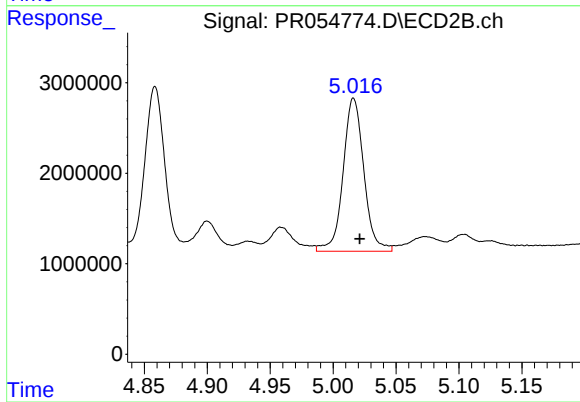
R.T.: 4.859 min
Delta R.T.: -0.004 min
Response: 20228147
Conc: 216.07 ng/ml



#27 AR-1254-2

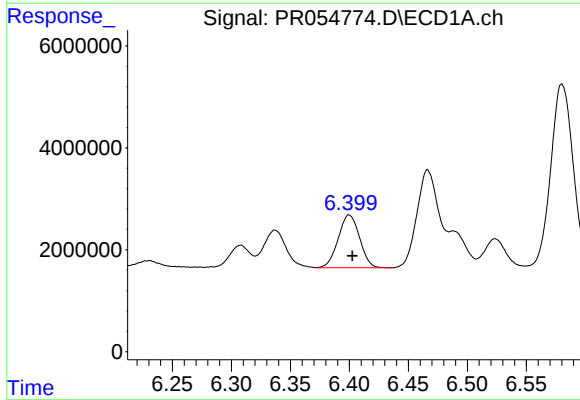
R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 25831617
Conc: 183.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



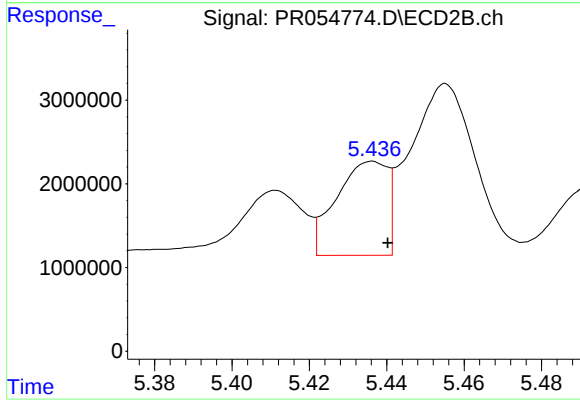
#27 AR-1254-2

R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 19463844
Conc: 240.21 ng/ml



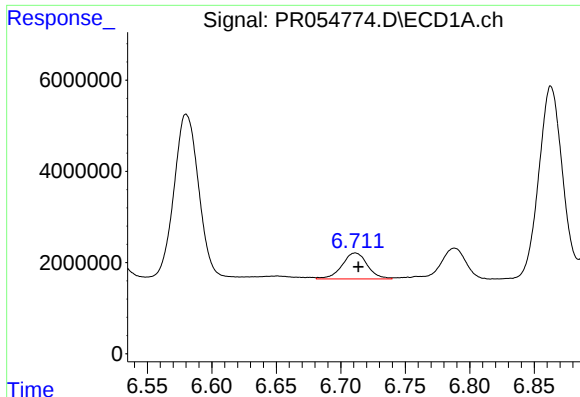
#28 AR-1254-3

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 13076681
Conc: 97.36 ng/ml



#28 AR-1254-3

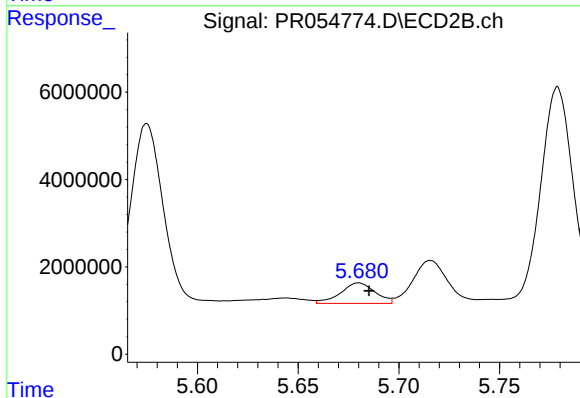
R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 10277784
Conc: 77.30 ng/ml



#29 AR-1254-4

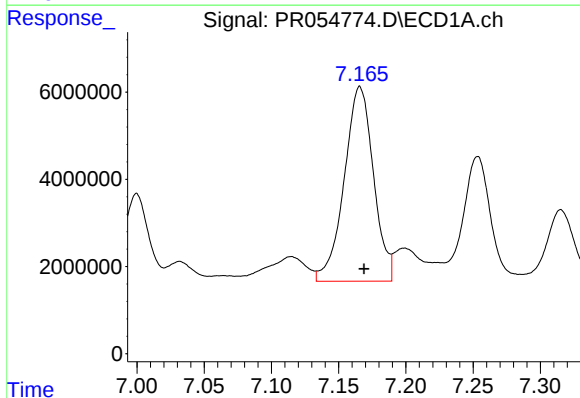
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 7832571
Conc: 79.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



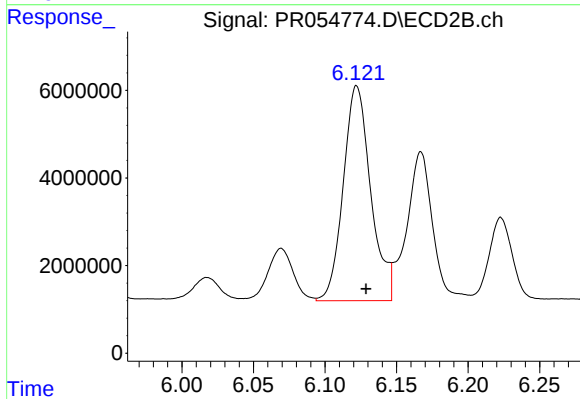
#29 AR-1254-4

R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 5598568
Conc: 65.52 ng/ml



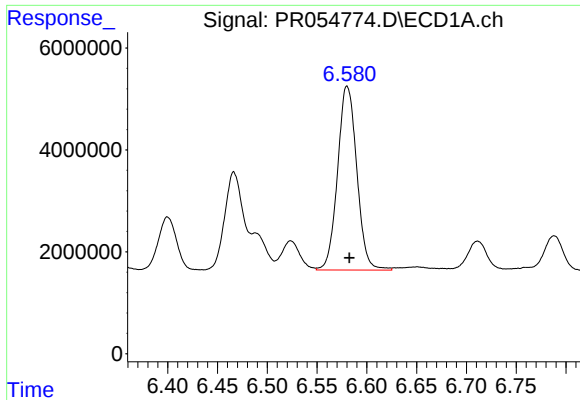
#30 AR-1254-5

R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 67603419
Conc: 693.62 ng/ml



#30 AR-1254-5

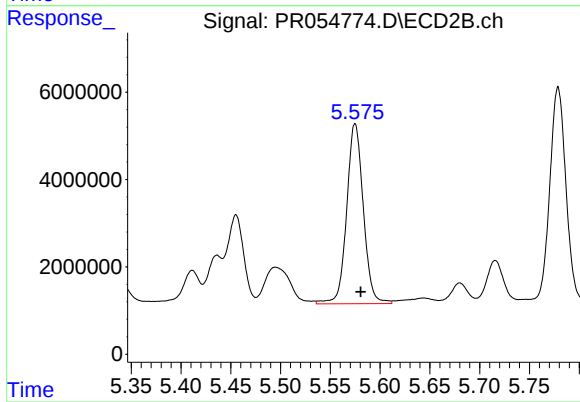
R.T.: 6.122 min
Delta R.T.: -0.007 min
Response: 65581440
Conc: 550.76 ng/ml



#31 AR-1260-1

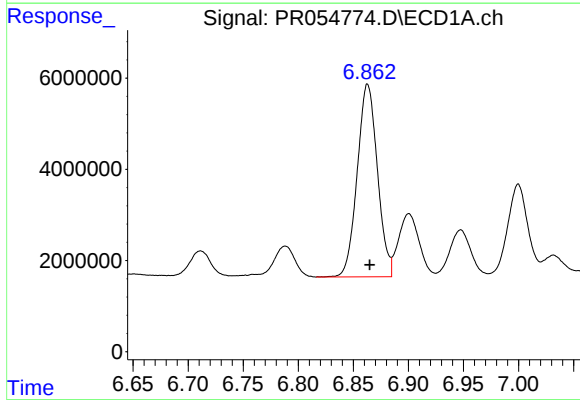
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 48575607
Conc: 472.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



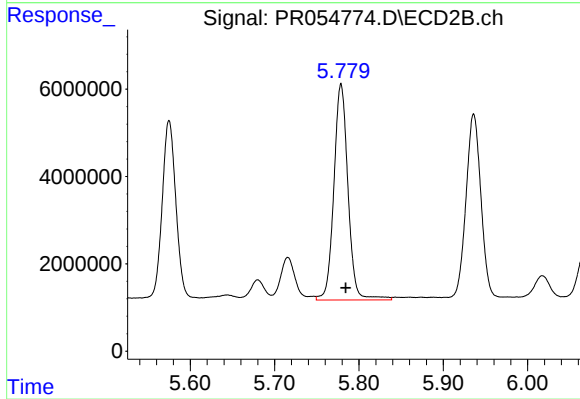
#31 AR-1260-1

R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 48066124
Conc: 513.27 ng/ml



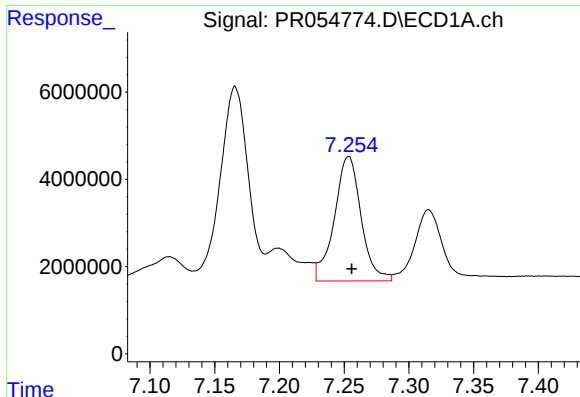
#32 AR-1260-2

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 53910276
Conc: 452.71 ng/ml



#32 AR-1260-2

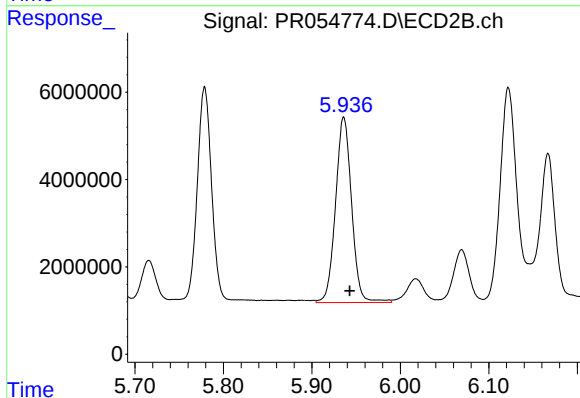
R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 57627993
Conc: 499.40 ng/ml



#33 AR-1260-3

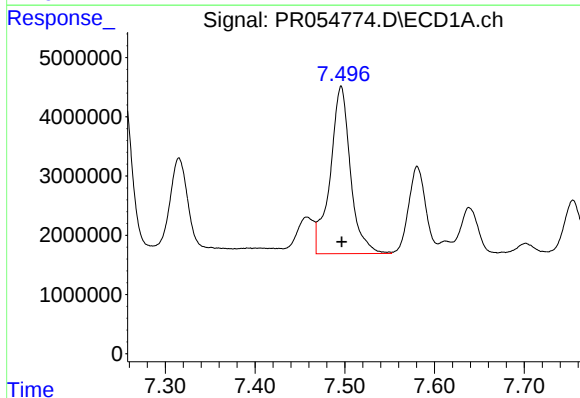
R.T.: 7.253 min
Delta R.T.: -0.002 min
Response: 41076138
Conc: 536.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



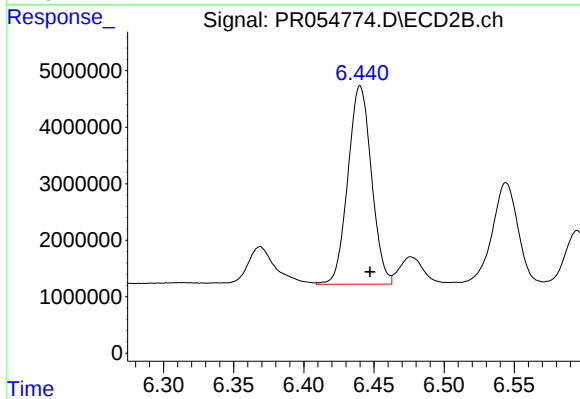
#33 AR-1260-3

R.T.: 5.936 min
Delta R.T.: -0.007 min
Response: 53624465
Conc: 447.70 ng/ml



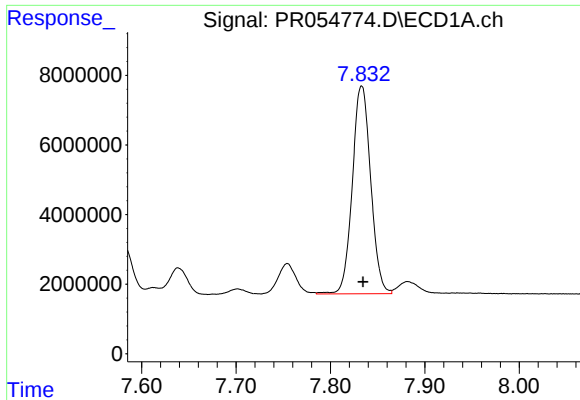
#34 AR-1260-4

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 44365392
Conc: 492.12 ng/ml



#34 AR-1260-4

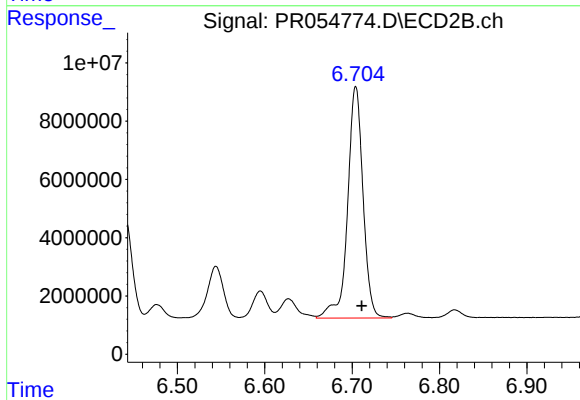
R.T.: 6.440 min
Delta R.T.: -0.007 min
Response: 41032139
Conc: 498.46 ng/ml



#35 AR-1260-5

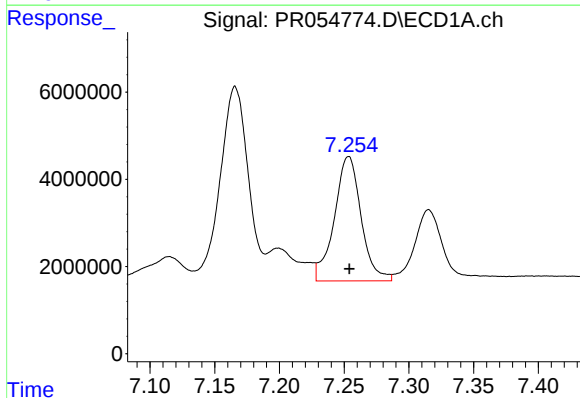
R.T.: 7.833 min
Delta R.T.: -0.001 min
Response: 80914698
Conc: 483.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



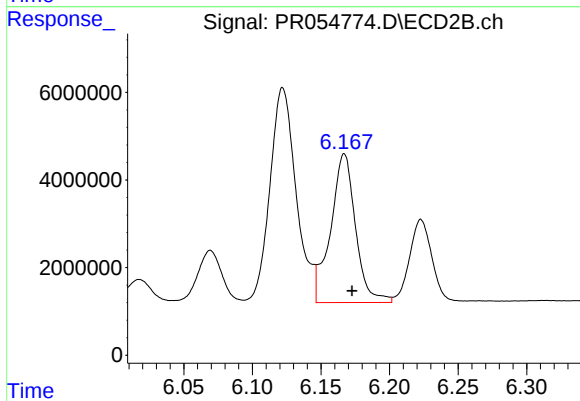
#35 AR-1260-5

R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 97771773
Conc: 502.43 ng/ml



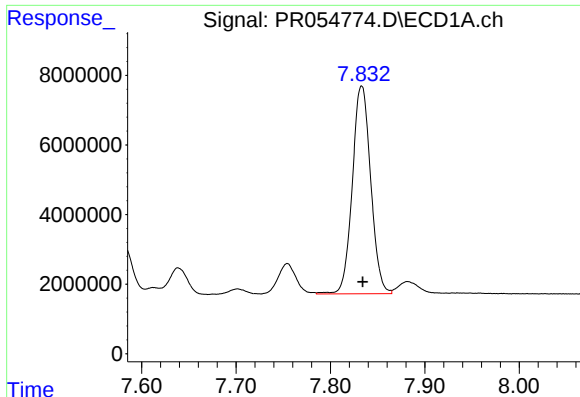
#36 AR-1262-1

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 41076138
Conc: 355.37 ng/ml



#36 AR-1262-1

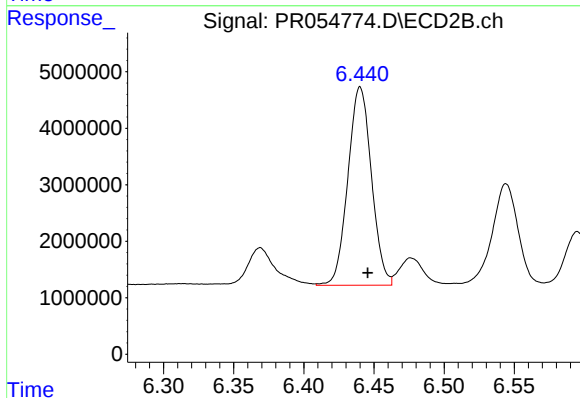
R.T.: 6.167 min
Delta R.T.: -0.006 min
Response: 43053189
Conc: 353.46 ng/ml



#37 AR-1262-2

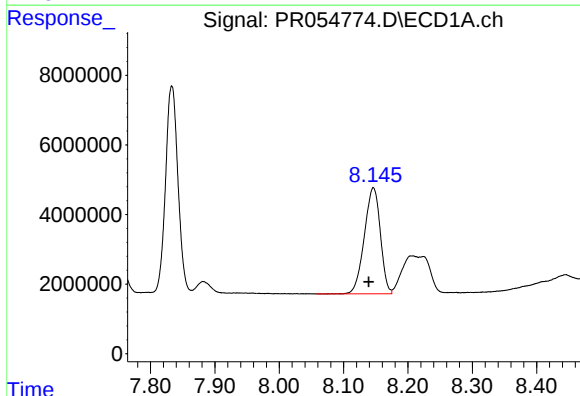
R.T.: 7.833 min
Delta R.T.: -0.001 min
Response: 80914698
Conc: 406.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



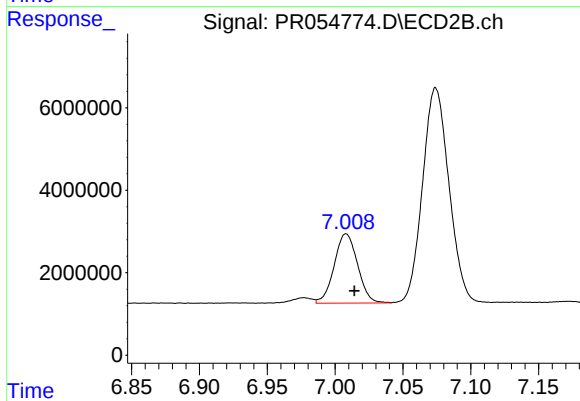
#37 AR-1262-2

R.T.: 6.440 min
Delta R.T.: -0.005 min
Response: 41032139
Conc: 368.45 ng/ml



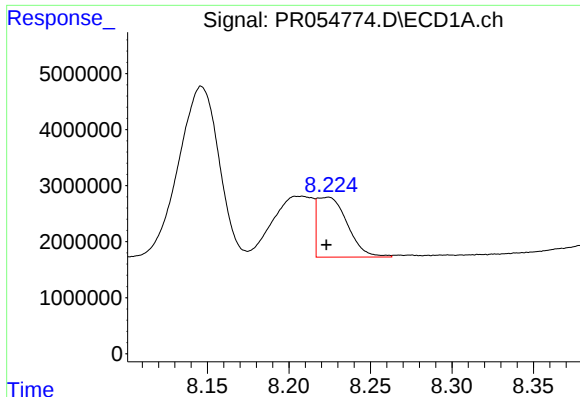
#38 AR-1262-3

R.T.: 8.146 min
Delta R.T.: 0.007 min
Response: 52657129
Conc: 384.05 ng/ml



#38 AR-1262-3

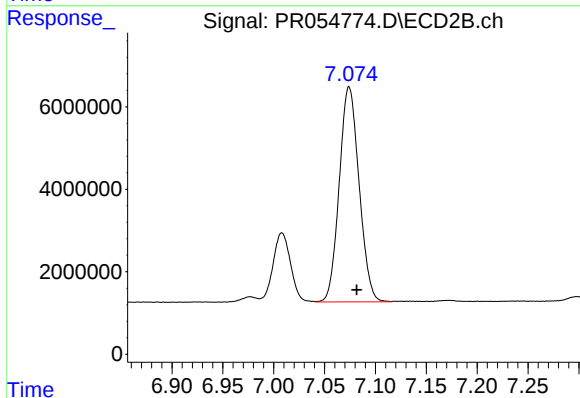
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 20182992
Conc: 229.40 ng/ml



#39 AR-1262-4

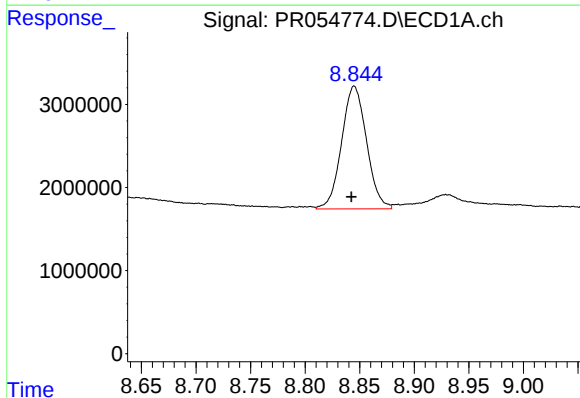
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 13714182
Conc: 224.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



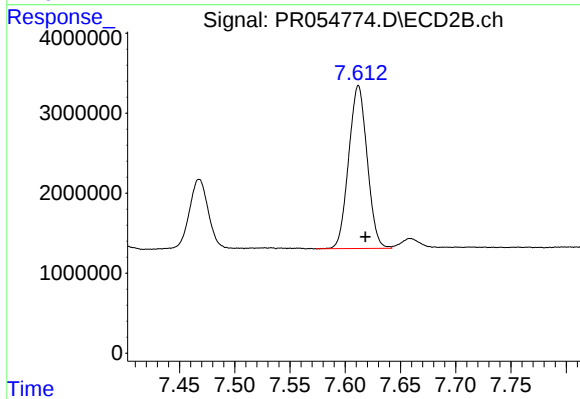
#39 AR-1262-4

R.T.: 7.074 min
Delta R.T.: -0.007 min
Response: 70800326
Conc: 421.58 ng/ml



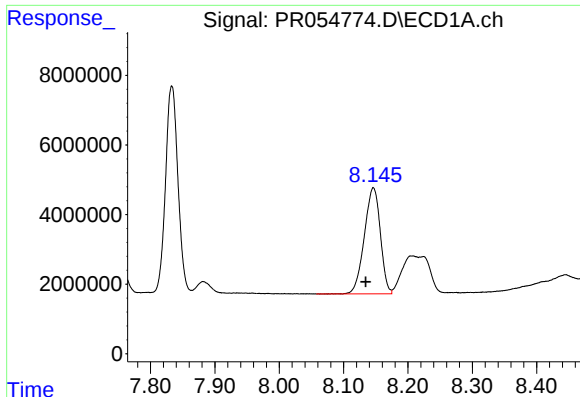
#40 AR-1262-5

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 23492839
Conc: 310.62 ng/ml



#40 AR-1262-5

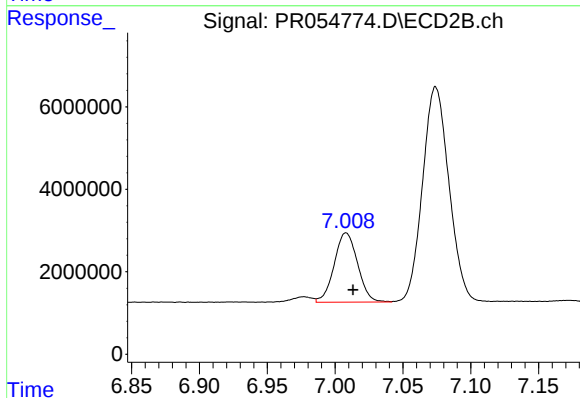
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 23787932
Conc: 299.52 ng/ml



#41 AR-1268-1

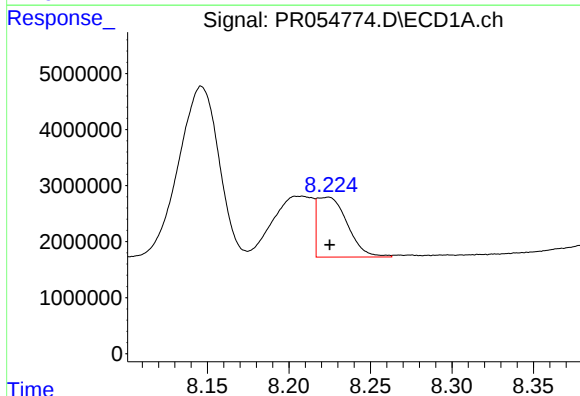
R.T.: 8.146 min
Delta R.T.: 0.012 min
Response: 52657129
Conc: 225.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



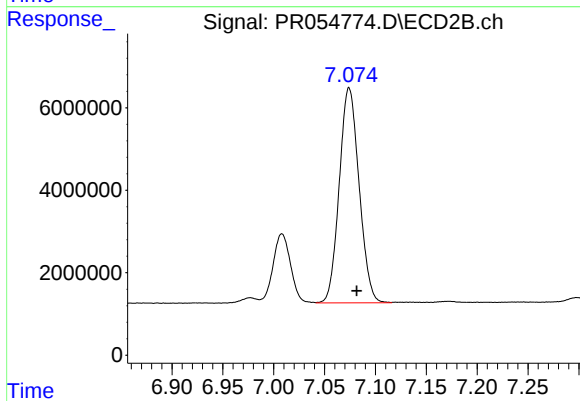
#41 AR-1268-1

R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 20182992
Conc: 78.16 ng/ml



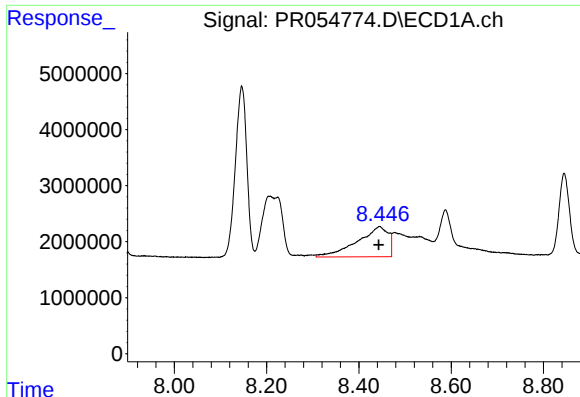
#42 AR-1268-2

R.T.: 8.224 min
Delta R.T.: -0.001 min
Response: 13714182
Conc: 63.76 ng/ml



#42 AR-1268-2

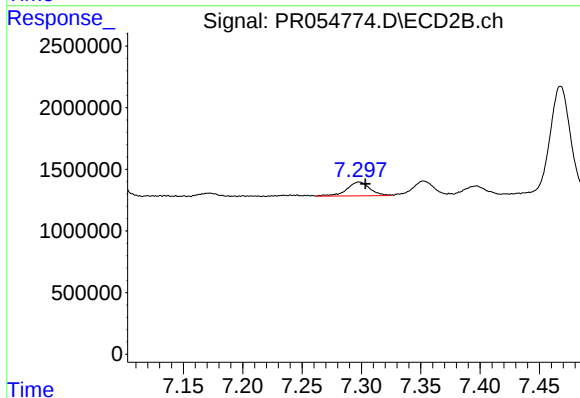
R.T.: 7.074 min
Delta R.T.: -0.007 min
Response: 70800326
Conc: 297.18 ng/ml



#43 AR-1268-3

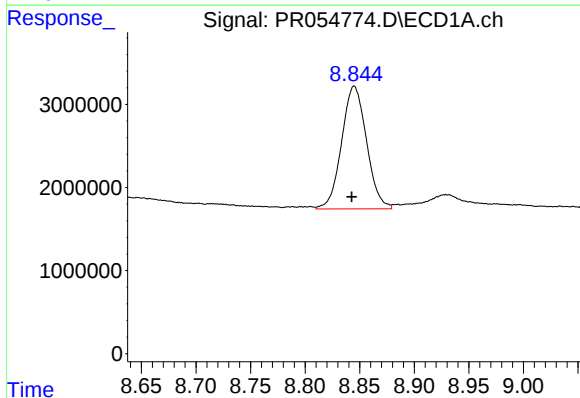
R.T.: 8.445 min
Delta R.T.: 0.002 min
Response: 25068931
Conc: 139.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



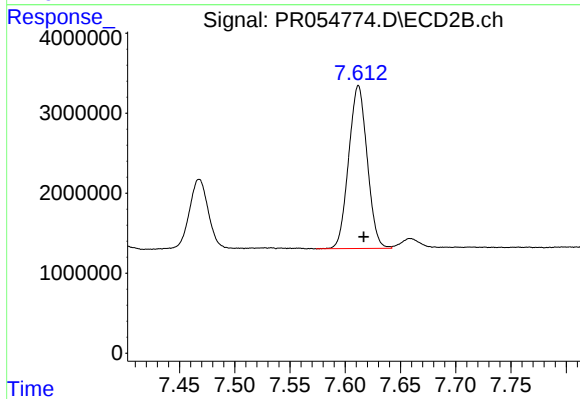
#43 AR-1268-3

R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 1505116
Conc: 7.58 ng/ml



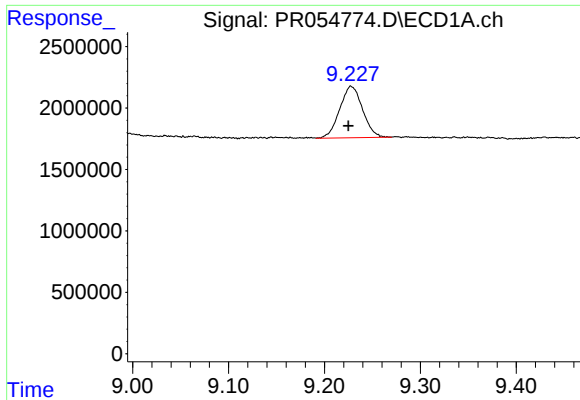
#44 AR-1268-4

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 23492839
Conc: 278.12 ng/ml



#44 AR-1268-4

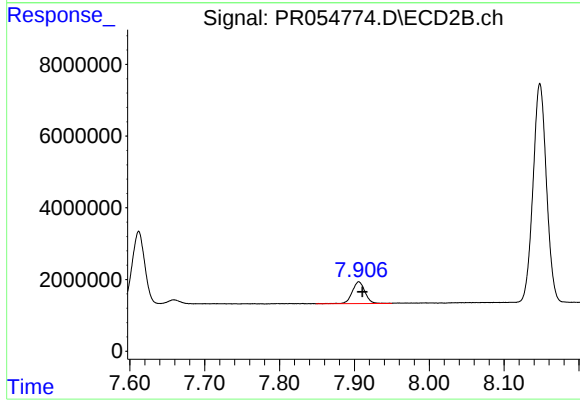
R.T.: 7.612 min
Delta R.T.: -0.005 min
Response: 23787932
Conc: 266.66 ng/ml



#45 AR-1268-5

R.T.: 9.228 min
Delta R.T.: 0.003 min
Response: 6959577
Conc: 11.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 7150542
Conc: 11.01 ng/ml