

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102020\
 Data File : PO072555.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Oct 2020 20:32
 Operator : DD\AJ
 Sample : PB132510BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 04:44:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 17:47:24 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.319	3.503	1767797	848180	20.842	20.136
2)	SA Decachlor...	9.920	8.667	2305278	1068392	20.899	20.667
Target Compounds							
3)	L1 AR-1016-1	5.621	4.721	721154	351437	218.797	204.354
4)	L1 AR-1016-2	5.643	4.739	1028192	483871	220.007	196.989
5)	L1 AR-1016-3	5.706	4.923	619407	256665	232.411	209.356
6)	L1 AR-1016-4	5.813	4.980	531417	224179	223.874	212.910
7)	L1 AR-1016-5	6.121	5.200	468282	266076	230.613	202.058
8)	L2 AR-1221-1	4.569	0.000	51514	0	61.574	N.D. #
9)	L2 AR-1221-2	4.669	3.846	77595	44352	122.568	115.853
10)	L2 AR-1221-3	4.756	3.931	324649	172317	156.926	151.845
11)	L3 AR-1232-1	4.756	3.931	324649	172317	184.955	177.941
12)	L3 AR-1232-2	5.329	4.739	479293	483871	503.342	466.444
13)	L3 AR-1232-3	5.643	4.923	1028192	256665	524.745	496.606
14)	L3 AR-1232-4	5.813	5.022	531417	241779	548.678	549.139
15)	L3 AR-1232-5	5.910	5.200	401879	266076	670.210	520.810
16)	L4 AR-1242-1	5.621	4.721	721154	351437	296.116	271.898
17)	L4 AR-1242-2	5.643	4.739	1028192	483871	292.107	264.232
18)	L4 AR-1242-3	5.706	4.923	619407	256665	299.411	272.639
19)	L4 AR-1242-4	5.813	5.022	531417	241779	306.510	272.956
20)	L4 AR-1242-5	6.582	5.572	77387	213138	33.196	155.244 #
21)	L5 AR-1248-1	5.621	4.721	721154	351437	385.756	345.519
22)	L5 AR-1248-2	5.910	4.980	401879	224179	160.625	157.222
23)	L5 AR-1248-3	6.121	5.022	468282	241779	161.633	180.030
24)	L5 AR-1248-4	6.545	5.200	88207	266076	19.947	158.445 #
25)	L5 AR-1248-5	6.582	0.000	77387	0	19.685	N.D. #
26)	L6 AR-1254-1	6.511	5.572	399902	213138	94.664	77.107
27)	L6 AR-1254-2	6.739	5.733	476214	216600	73.479	89.089
28)	L6 AR-1254-3	7.115	6.161	258201	388823	37.989	101.043 #
29)	L6 AR-1254-4	7.408	6.382	222557	44513	33.577	16.577 #
30)	L6 AR-1254-5	7.830	6.802	1845809	788190	288.151	215.076 #
31)	L7 AR-1260-1	7.277	6.277	1144569	541619	234.869	211.717
32)	L7 AR-1260-2	7.543	6.478	1693383	667678	220.701	207.062
33)	L7 AR-1260-3	7.900	6.623	1186431	622551	185.127	207.429
34)	L7 AR-1260-4	8.127	7.098	1163801	473411	191.224	179.560
35)	L7 AR-1260-5	8.442	7.351	2594838	1110694	178.618	170.004
36)	L8 AR-1262-1	7.900	6.802	1186431	788190	125.101	413.076 #
37)	L8 AR-1262-2	8.442	7.351	2594838	1110694	162.350	166.295
38)	L8 AR-1262-3	8.710	7.629	504979	260756	72.266	91.494 #
39)	L8 AR-1262-4	8.775f	7.690	886471	845720	221.823	164.097 #
40)	L8 AR-1262-5	9.338	8.190	633370	280991	119.056	111.264
41)	L9 AR-1268-1	8.710	7.629	504979	260756	26.230	32.882 #

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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

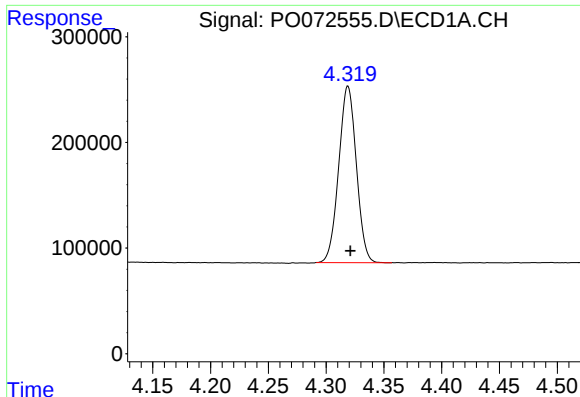
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.775f	7.690	886471	845720	53.695	116.237 #
43) L9	AR-1268-3	8.970	0.000	45971	0	3.293	N.D. #
44) L9	AR-1268-4	9.338	8.190	633370	280991	106.152	99.396
45) L9	AR-1268-5	9.662	8.455	188369	94208	4.581	4.902

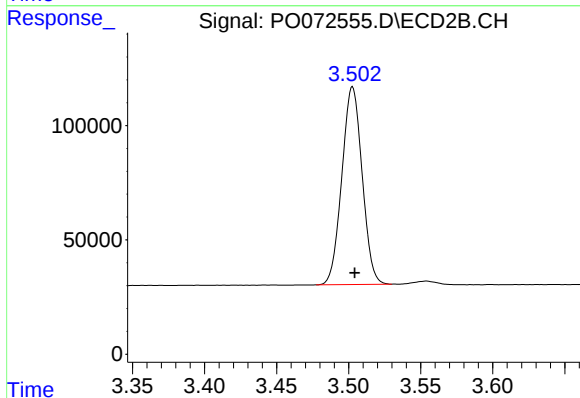
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

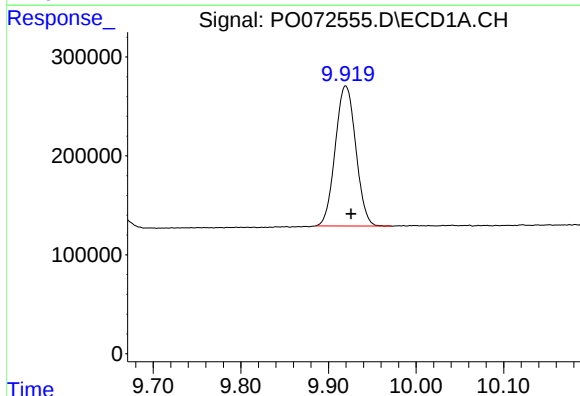
R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 1767797
Conc: 20.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



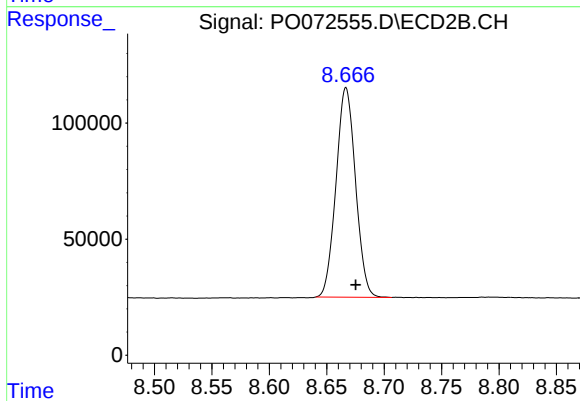
#1 Tetrachloro-m-xylene

R.T.: 3.503 min
Delta R.T.: -0.002 min
Response: 848180
Conc: 20.14 ng/ml



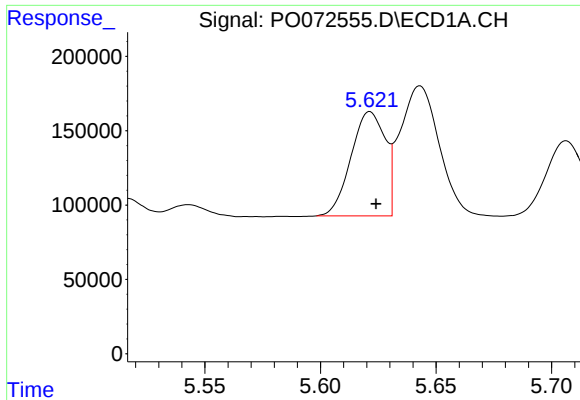
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.006 min
Response: 2305278
Conc: 20.90 ng/ml



#2 Decachlorobiphenyl

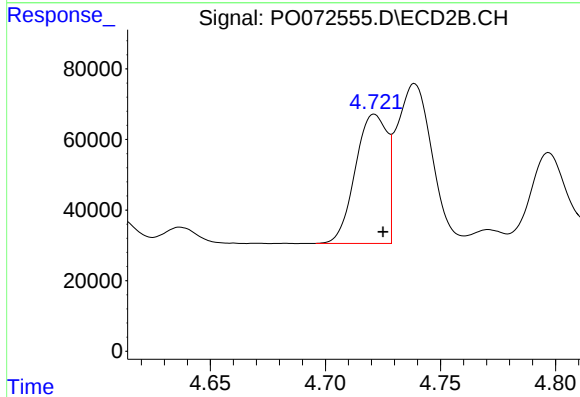
R.T.: 8.667 min
Delta R.T.: -0.008 min
Response: 1068392
Conc: 20.67 ng/ml



#3 AR-1016-1

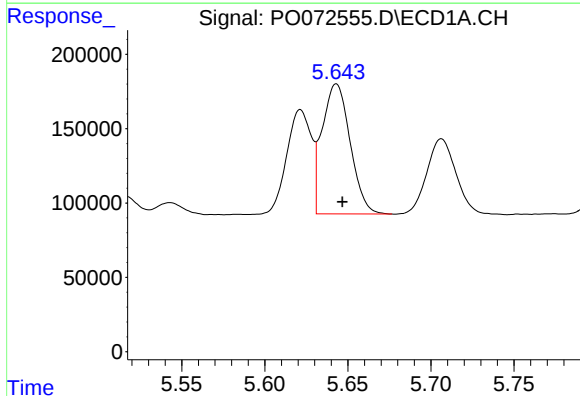
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 721154
Conc: 218.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



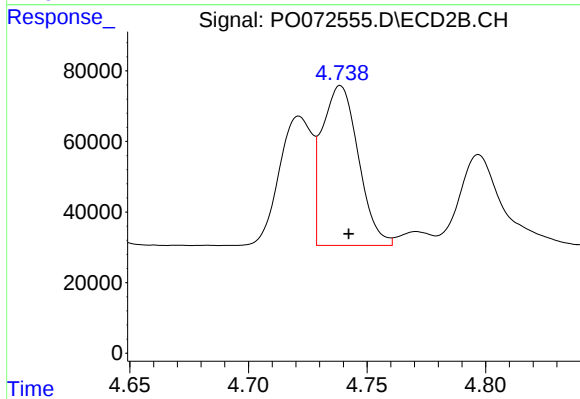
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 351437
Conc: 204.35 ng/ml



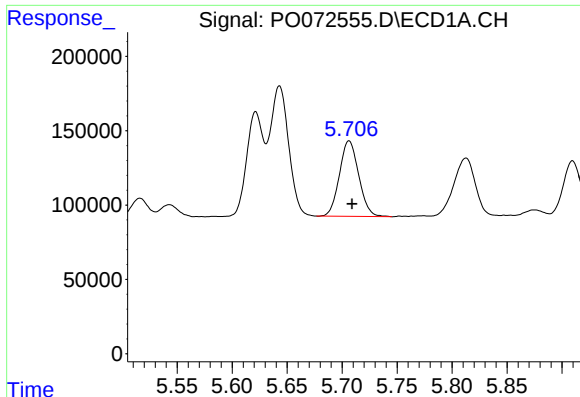
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 1028192
Conc: 220.01 ng/ml



#4 AR-1016-2

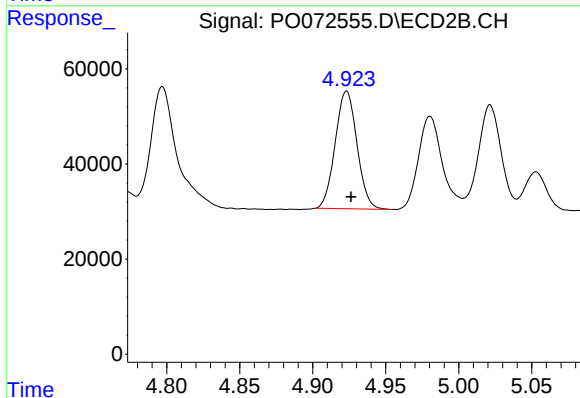
R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 483871
Conc: 196.99 ng/ml



#5 AR-1016-3

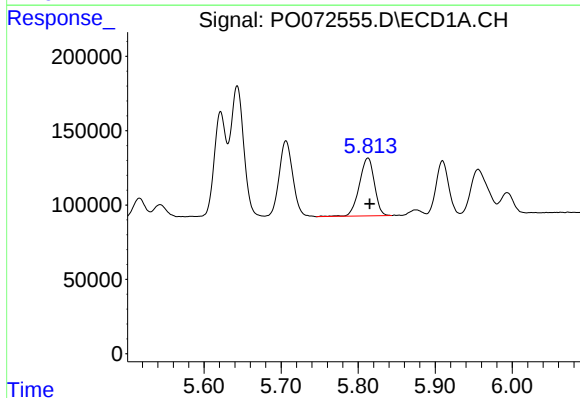
R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 619407
Conc: 232.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



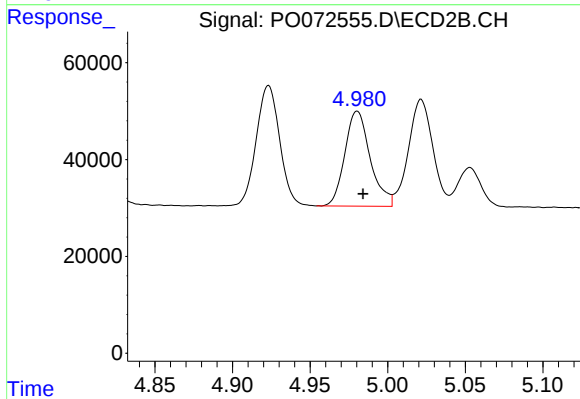
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 256665
Conc: 209.36 ng/ml



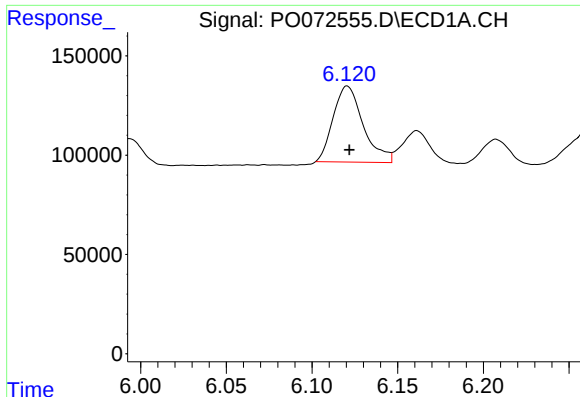
#6 AR-1016-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 531417
Conc: 223.87 ng/ml



#6 AR-1016-4

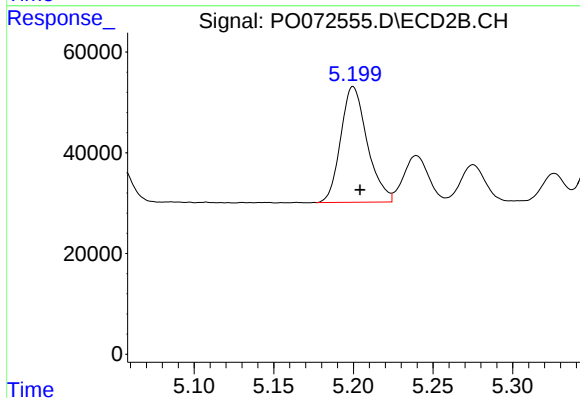
R.T.: 4.980 min
Delta R.T.: -0.004 min
Response: 224179
Conc: 212.91 ng/ml



#7 AR-1016-5

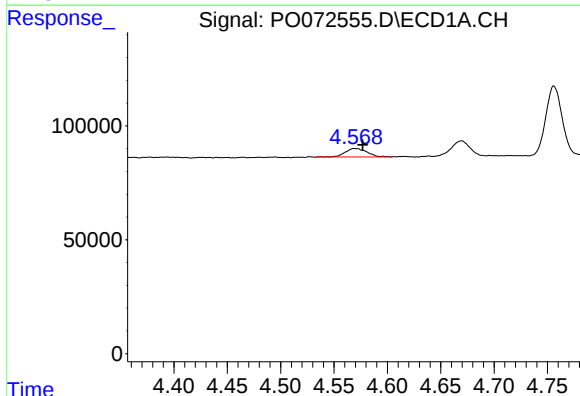
R.T.: 6.121 min
Delta R.T.: -0.001 min
Response: 468282
Conc: 230.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



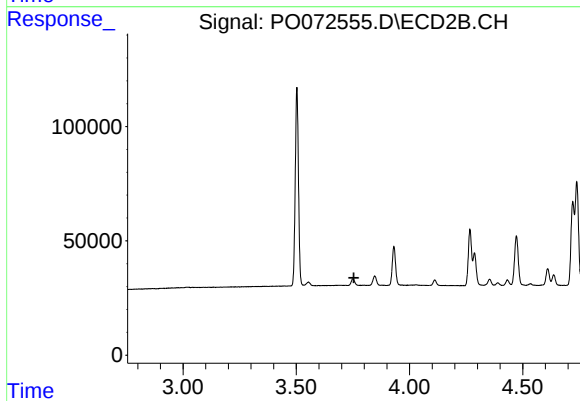
#7 AR-1016-5

R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 266076
Conc: 202.06 ng/ml



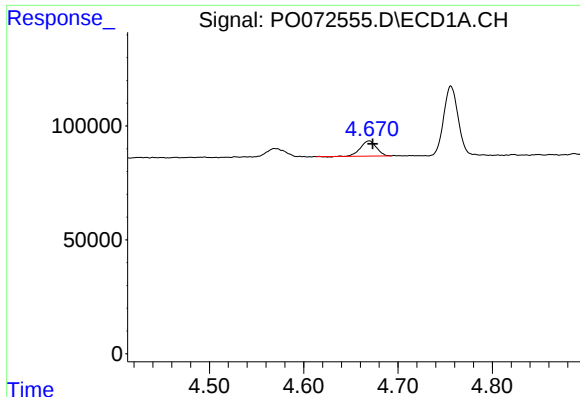
#8 AR-1221-1

R.T.: 4.569 min
Delta R.T.: -0.008 min
Response: 51514
Conc: 61.57 ng/ml



#8 AR-1221-1

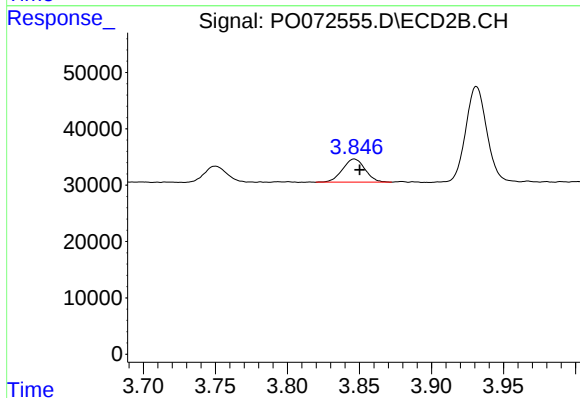
R.T.: 0.000 min
Exp R.T. : 3.754 min
Response: 0
Conc: N.D.



#9 AR-1221-2

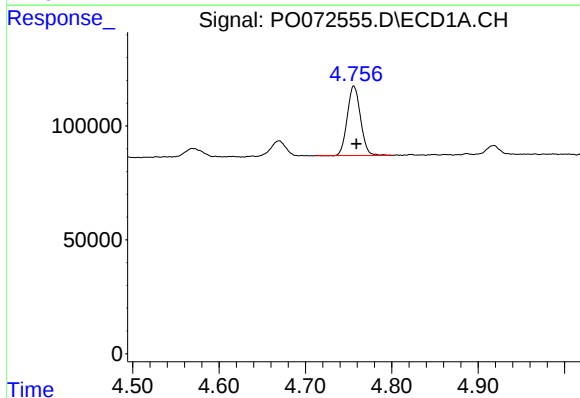
R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 77595
Conc: 122.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



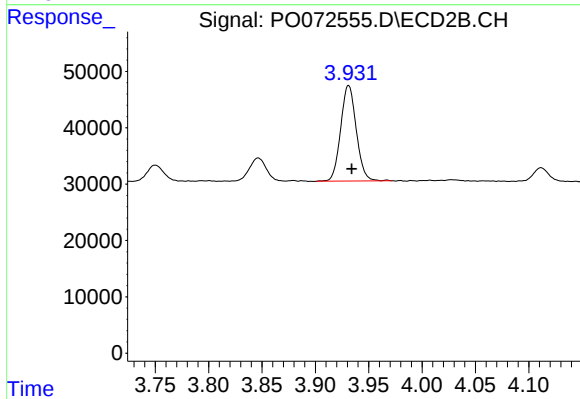
#9 AR-1221-2

R.T.: 3.846 min
Delta R.T.: -0.004 min
Response: 44352
Conc: 115.85 ng/ml



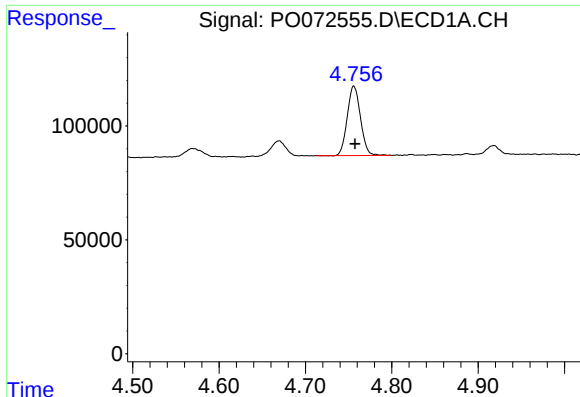
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 324649
Conc: 156.93 ng/ml



#10 AR-1221-3

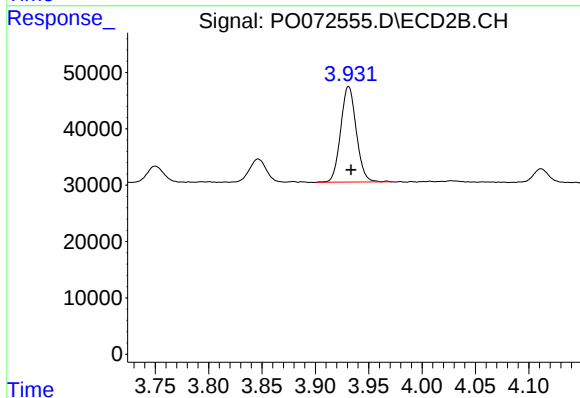
R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 172317
Conc: 151.84 ng/ml



#11 AR-1232-1

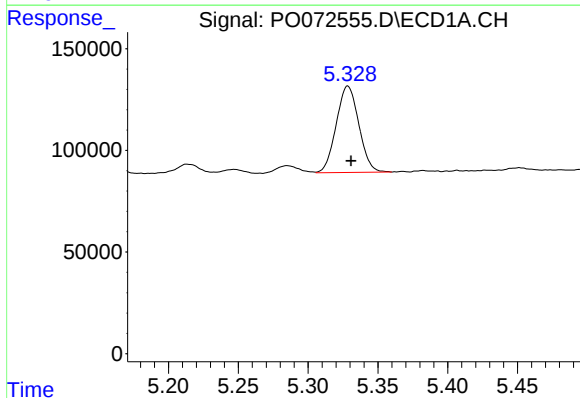
R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 324649
Conc: 184.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



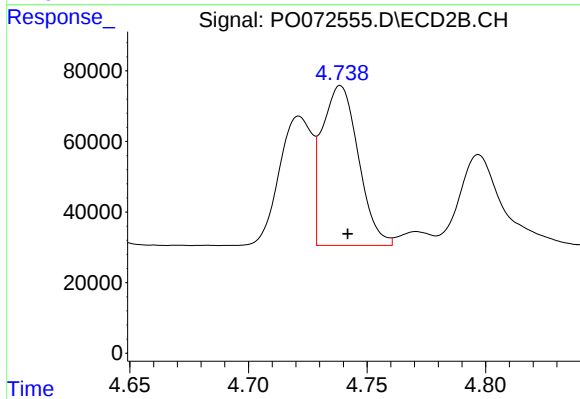
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.002 min
Response: 172317
Conc: 177.94 ng/ml



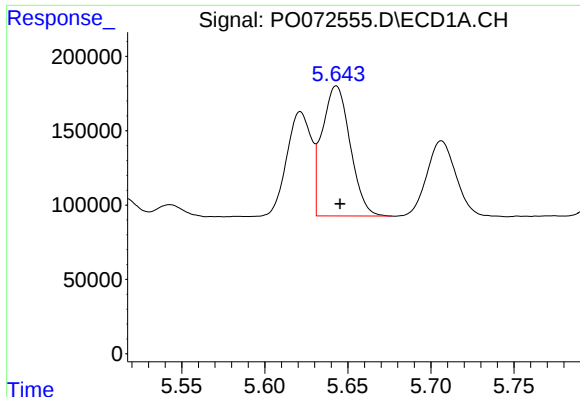
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 479293
Conc: 503.34 ng/ml



#12 AR-1232-2

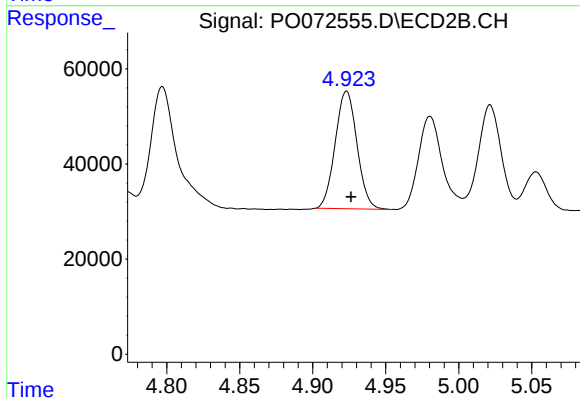
R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 483871
Conc: 466.44 ng/ml



#13 AR-1232-3

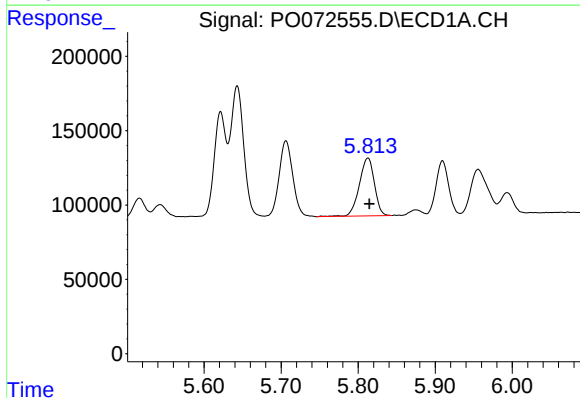
R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 1028192
Conc: 524.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



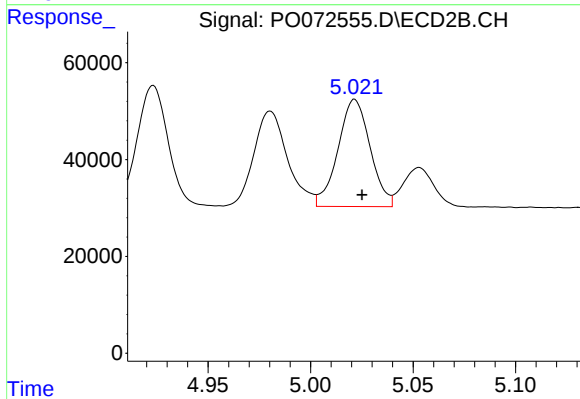
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 256665
Conc: 496.61 ng/ml



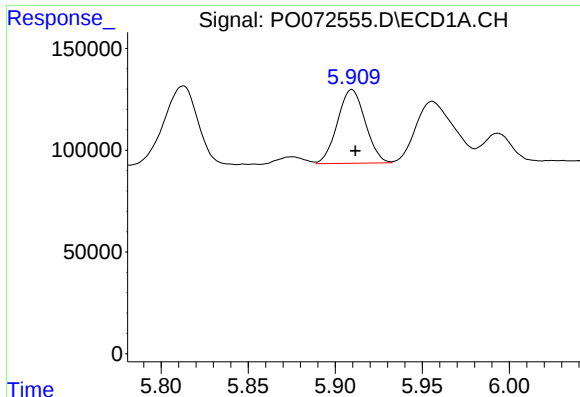
#14 AR-1232-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 531417
Conc: 548.68 ng/ml



#14 AR-1232-4

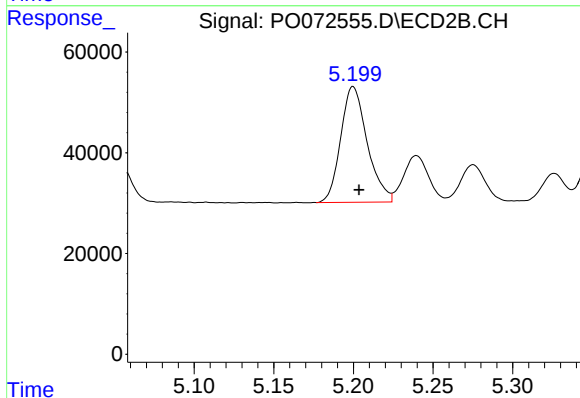
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 241779
Conc: 549.14 ng/ml



#15 AR-1232-5

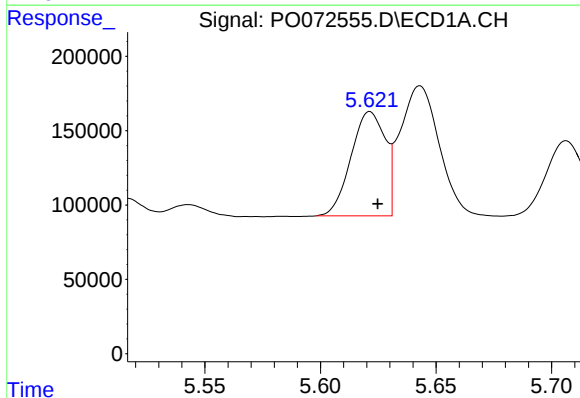
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 401879
Conc: 670.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



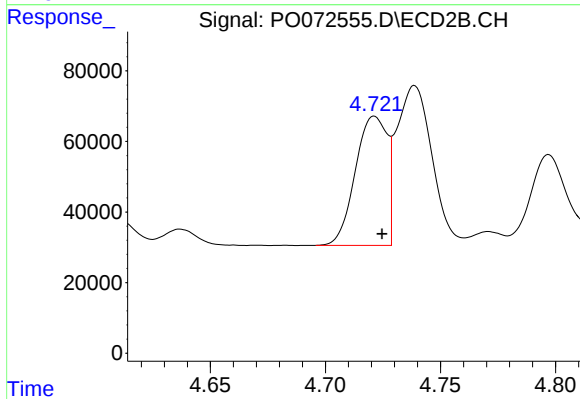
#15 AR-1232-5

R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 266076
Conc: 520.81 ng/ml



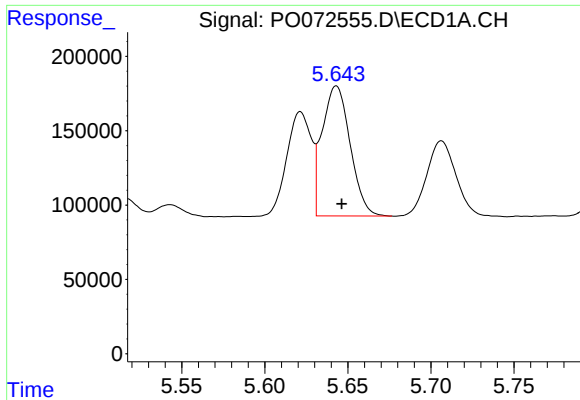
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 721154
Conc: 296.12 ng/ml



#16 AR-1242-1

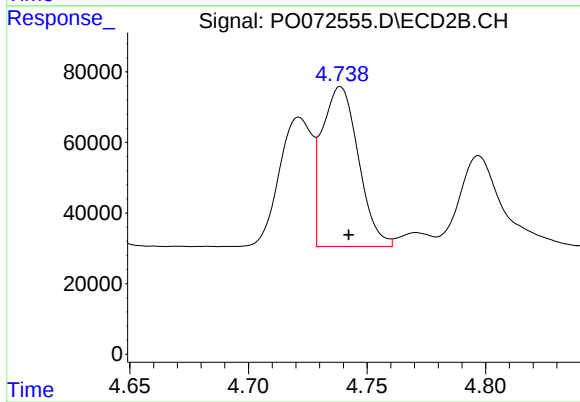
R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 351437
Conc: 271.90 ng/ml



#17 AR-1242-2

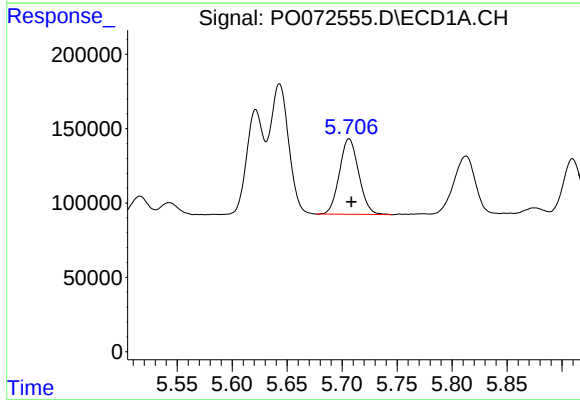
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 1028192
Conc: 292.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



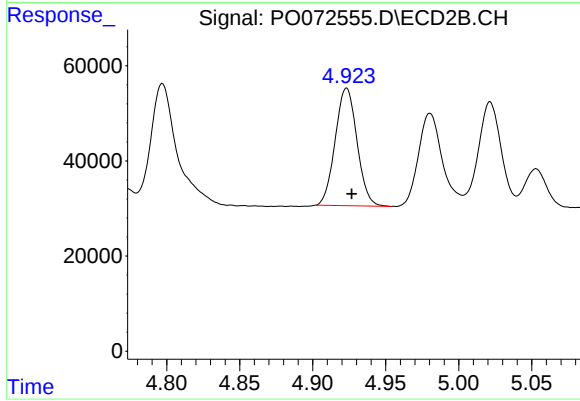
#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 483871
Conc: 264.23 ng/ml



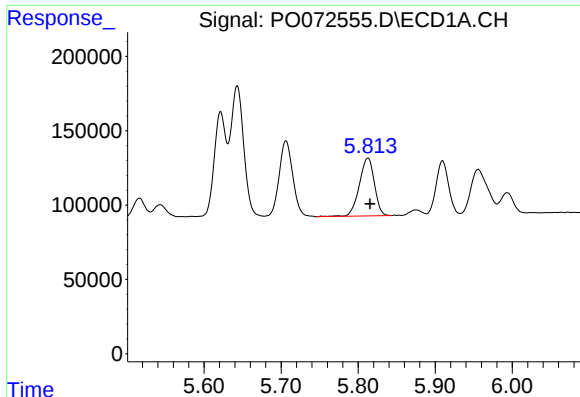
#18 AR-1242-3

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 619407
Conc: 299.41 ng/ml



#18 AR-1242-3

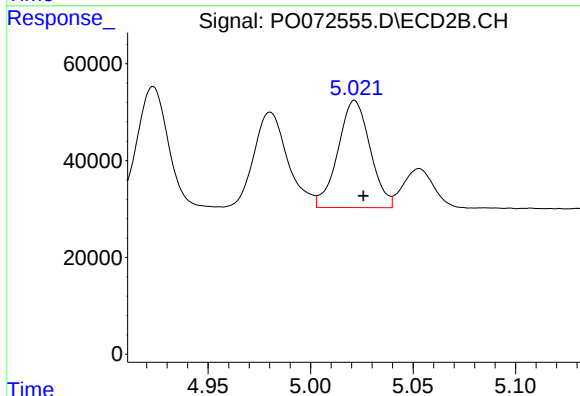
R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 256665
Conc: 272.64 ng/ml



#19 AR-1242-4

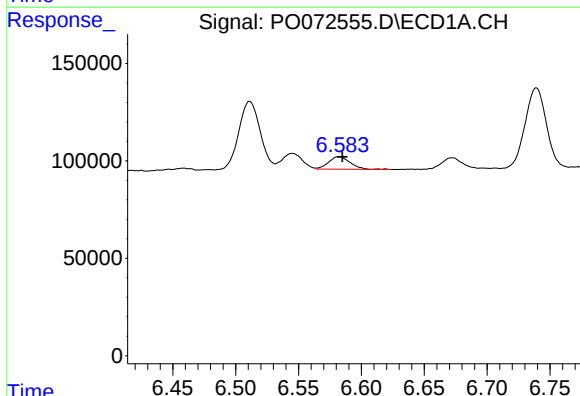
R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 531417
Conc: 306.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



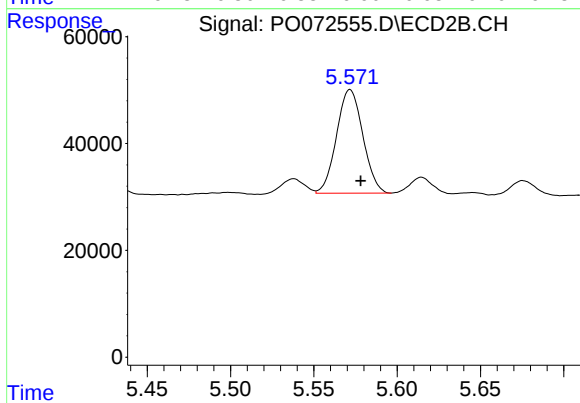
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 241779
Conc: 272.96 ng/ml



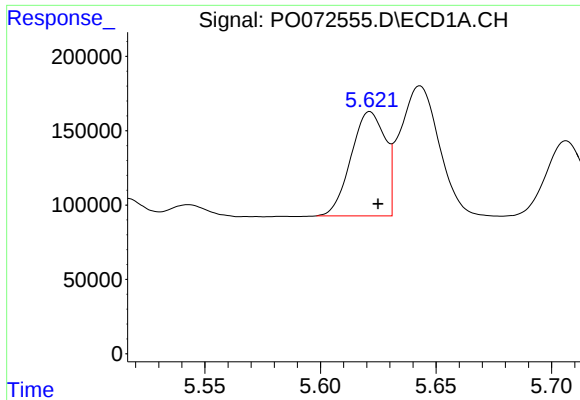
#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 77387
Conc: 33.20 ng/ml



#20 AR-1242-5

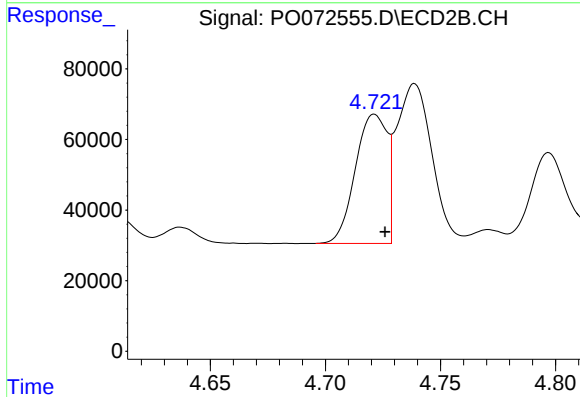
R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 213138
Conc: 155.24 ng/ml



#21 AR-1248-1

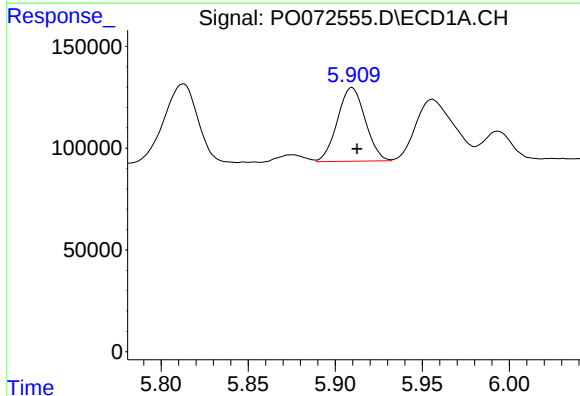
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 721154
Conc: 385.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



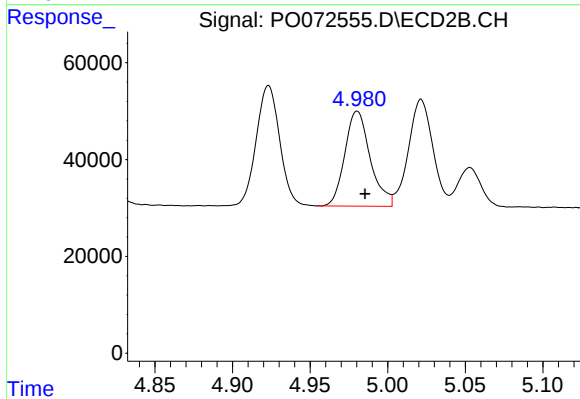
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 351437
Conc: 345.52 ng/ml



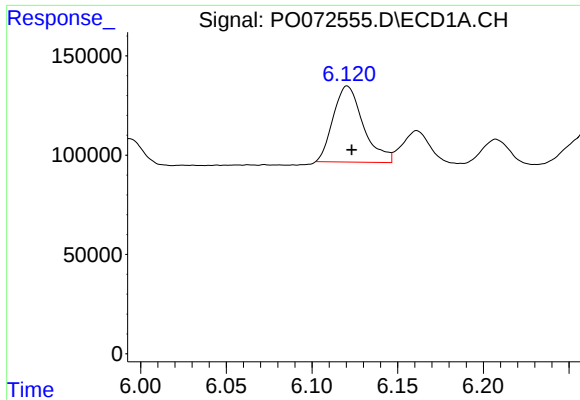
#22 AR-1248-2

R.T.: 5.910 min
Delta R.T.: -0.003 min
Response: 401879
Conc: 160.63 ng/ml



#22 AR-1248-2

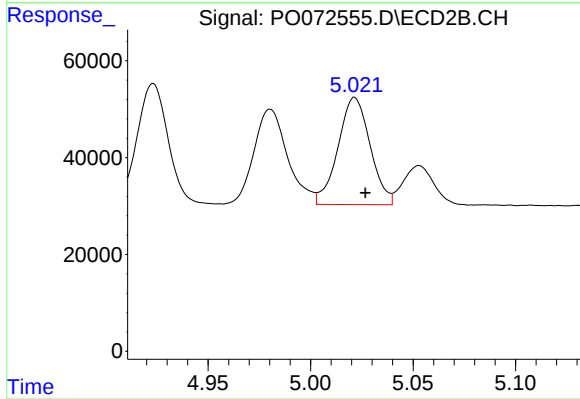
R.T.: 4.980 min
Delta R.T.: -0.005 min
Response: 224179
Conc: 157.22 ng/ml



#23 AR-1248-3

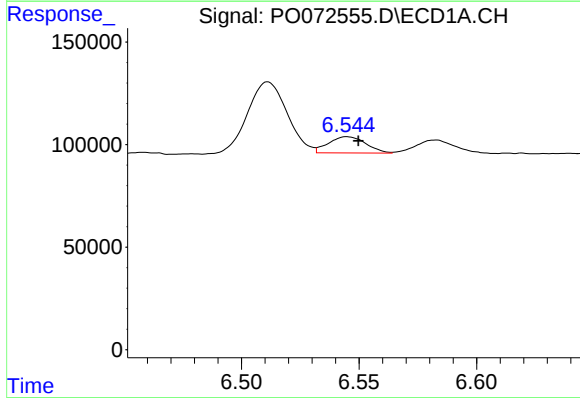
R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 468282
Conc: 161.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



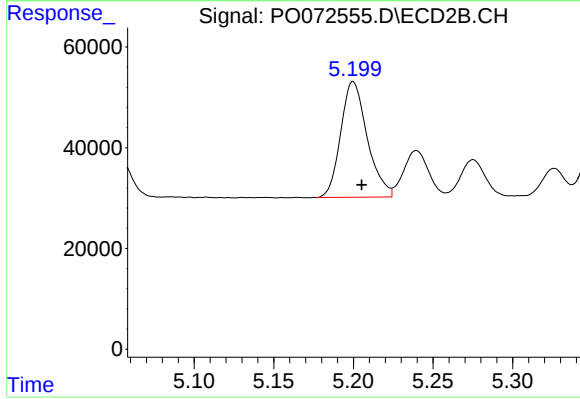
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 241779
Conc: 180.03 ng/ml



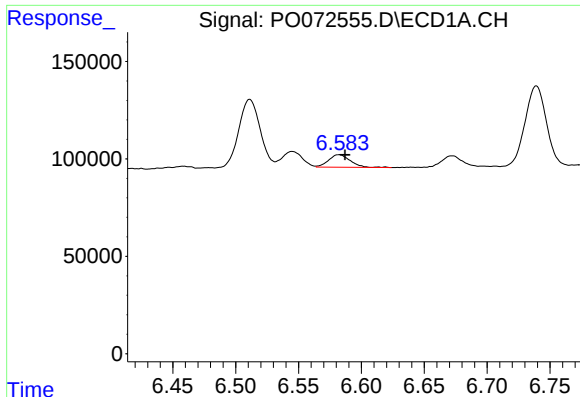
#24 AR-1248-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 88207
Conc: 19.95 ng/ml



#24 AR-1248-4

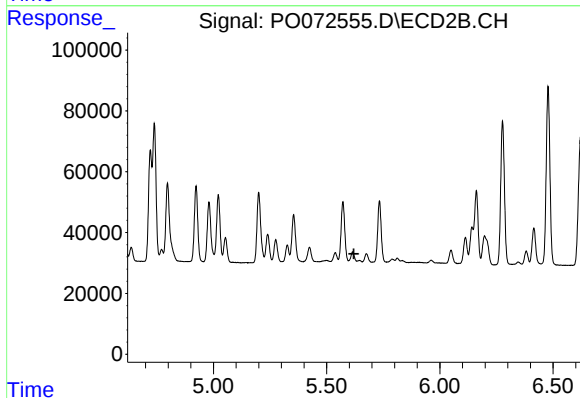
R.T.: 5.200 min
Delta R.T.: -0.005 min
Response: 266076
Conc: 158.44 ng/ml



#25 AR-1248-5

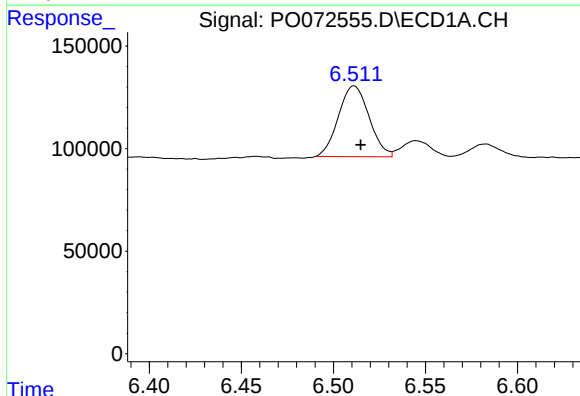
R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 77387
Conc: 19.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



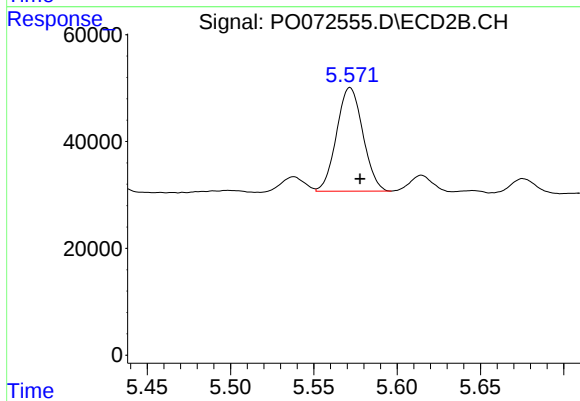
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.620 min
Response: 0
Conc: N.D.



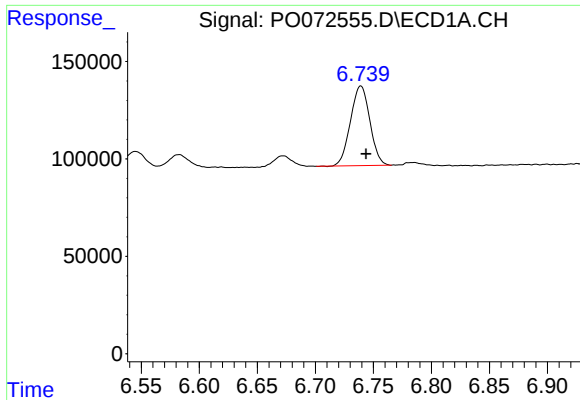
#26 AR-1254-1

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 399902
Conc: 94.66 ng/ml



#26 AR-1254-1

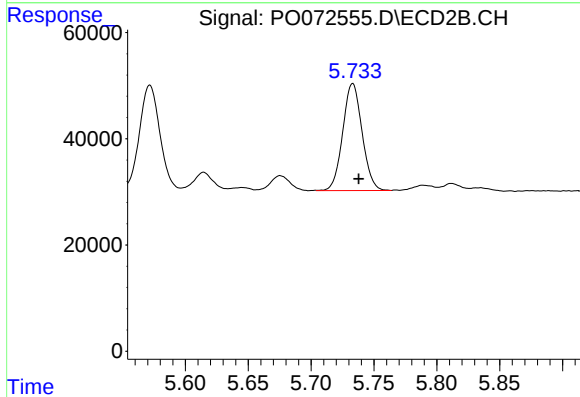
R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 213138
Conc: 77.11 ng/ml



#27 AR-1254-2

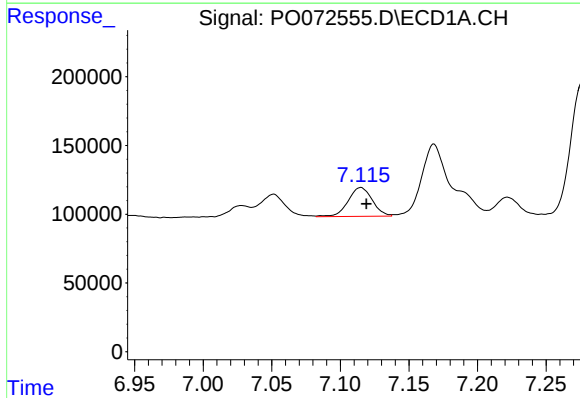
R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 476214
Conc: 73.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



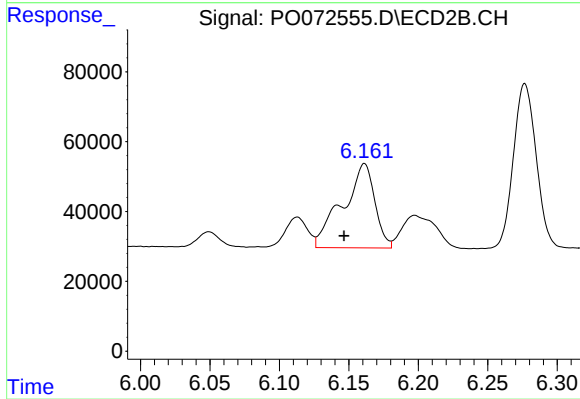
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.005 min
Response: 216600
Conc: 89.09 ng/ml



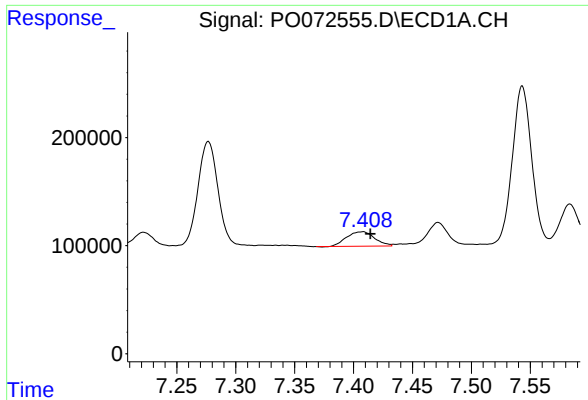
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 258201
Conc: 37.99 ng/ml



#28 AR-1254-3

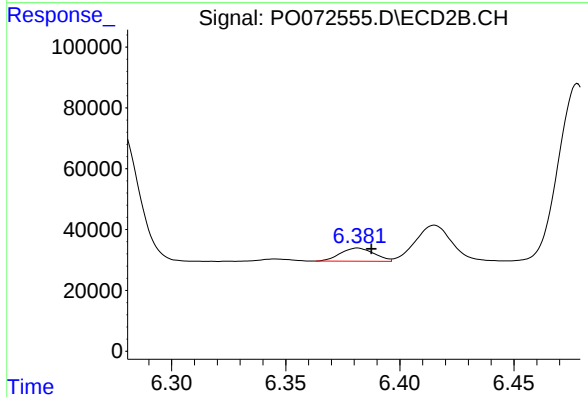
R.T.: 6.161 min
Delta R.T.: 0.015 min
Response: 388823
Conc: 101.04 ng/ml



#29 AR-1254-4

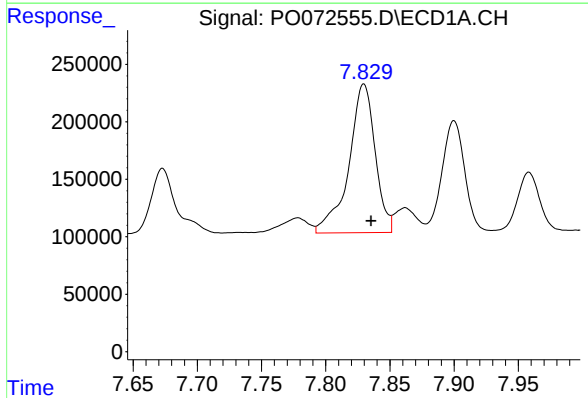
R.T.: 7.408 min
Delta R.T.: -0.006 min
Response: 222557
Conc: 33.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



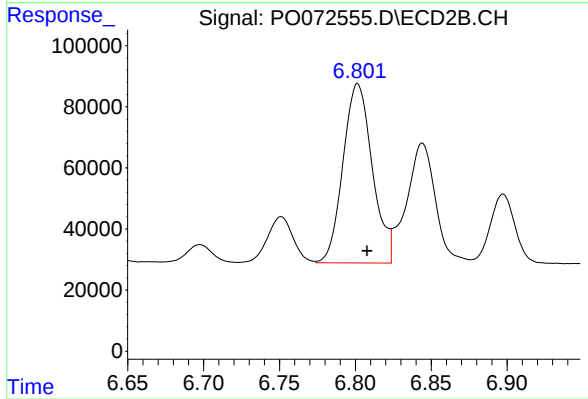
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 44513
Conc: 16.58 ng/ml



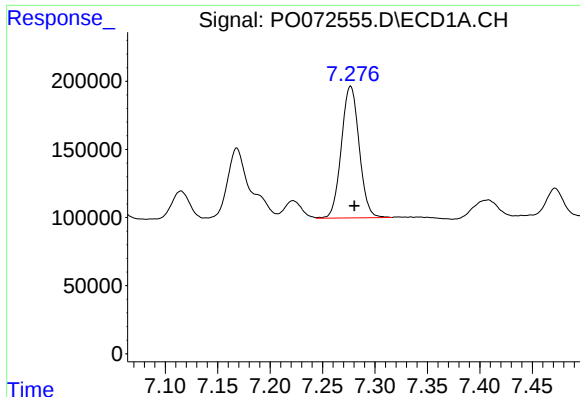
#30 AR-1254-5

R.T.: 7.830 min
Delta R.T.: -0.006 min
Response: 1845809
Conc: 288.15 ng/ml



#30 AR-1254-5

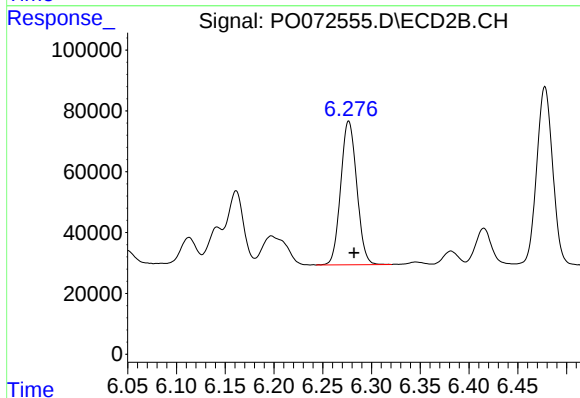
R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 788190
Conc: 215.08 ng/ml



#31 AR-1260-1

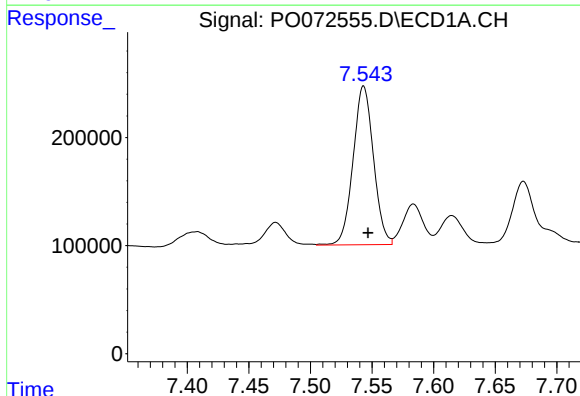
R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 1144569
Conc: 234.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



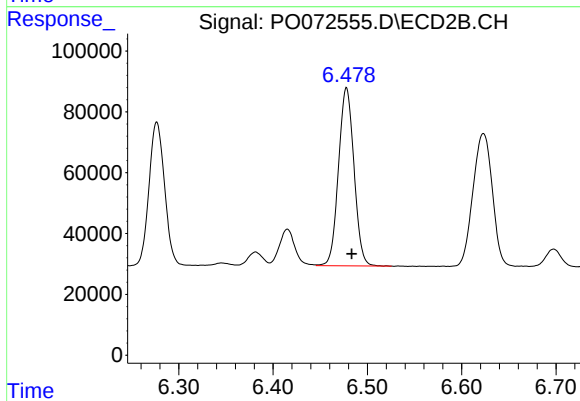
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 541619
Conc: 211.72 ng/ml



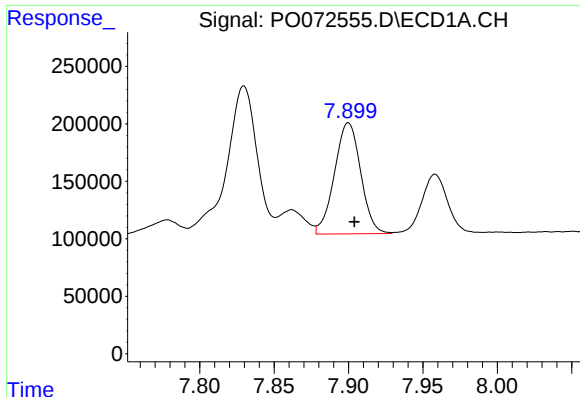
#32 AR-1260-2

R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 1693383
Conc: 220.70 ng/ml



#32 AR-1260-2

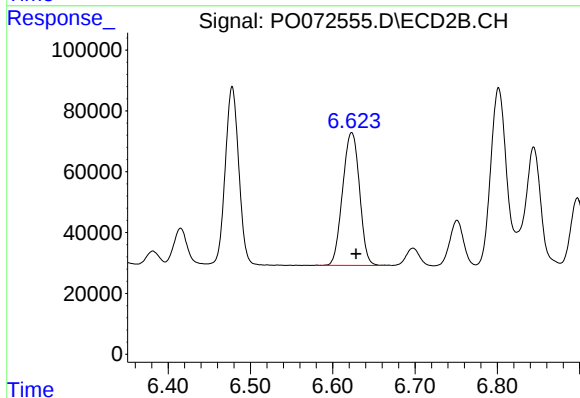
R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 667678
Conc: 207.06 ng/ml



#33 AR-1260-3

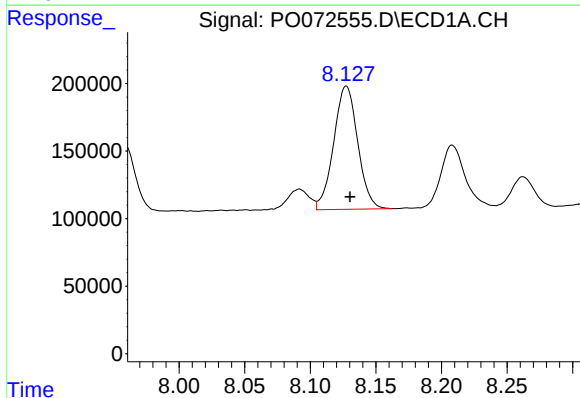
R.T.: 7.900 min
Delta R.T.: -0.004 min
Response: 1186431
Conc: 185.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



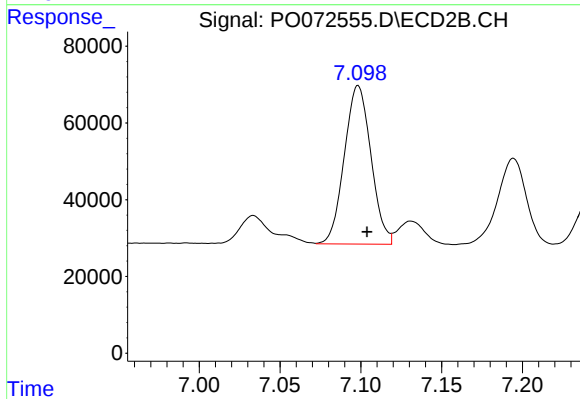
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 622551
Conc: 207.43 ng/ml



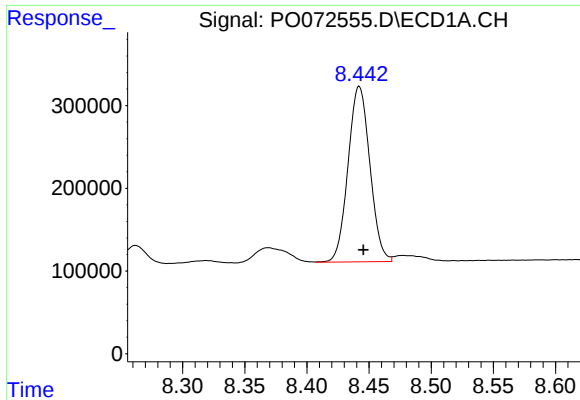
#34 AR-1260-4

R.T.: 8.127 min
Delta R.T.: -0.003 min
Response: 1163801
Conc: 191.22 ng/ml



#34 AR-1260-4

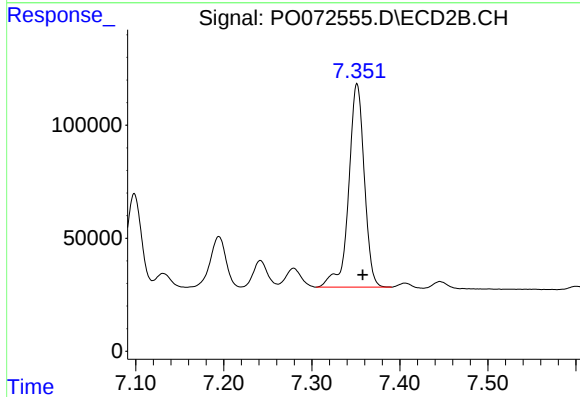
R.T.: 7.098 min
Delta R.T.: -0.005 min
Response: 473411
Conc: 179.56 ng/ml



#35 AR-1260-5

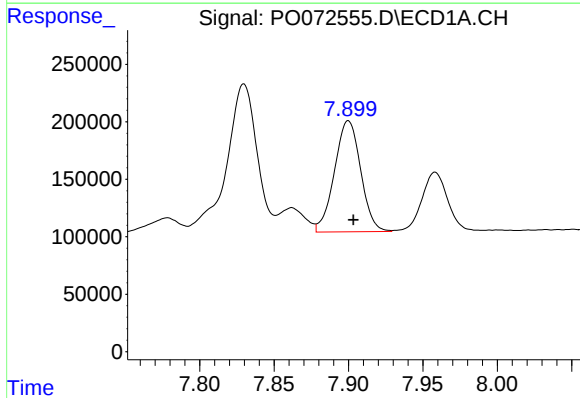
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 2594838
Conc: 178.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



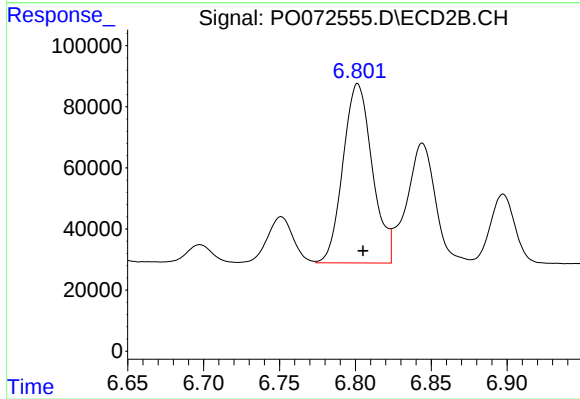
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: -0.006 min
Response: 1110694
Conc: 170.00 ng/ml



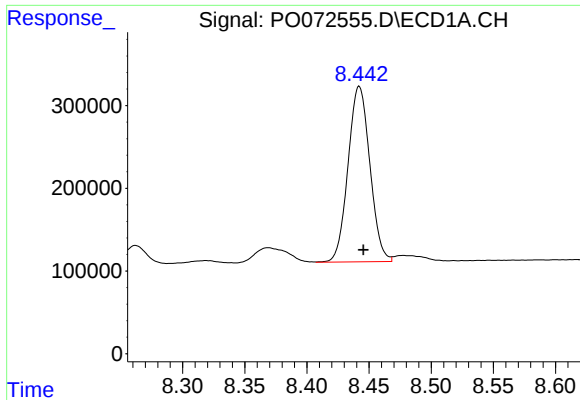
#36 AR-1262-1

R.T.: 7.900 min
Delta R.T.: -0.003 min
Response: 1186431
Conc: 125.10 ng/ml



#36 AR-1262-1

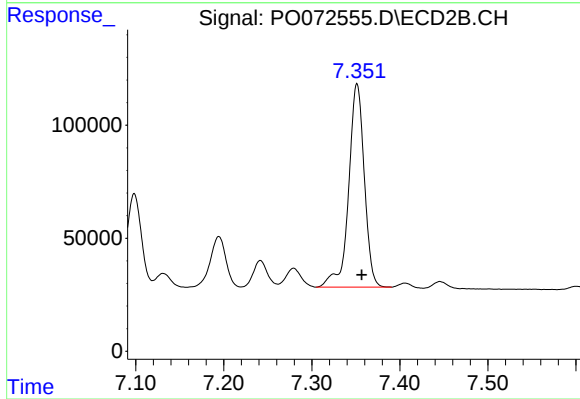
R.T.: 6.802 min
Delta R.T.: -0.004 min
Response: 788190
Conc: 413.08 ng/ml



#37 AR-1262-2

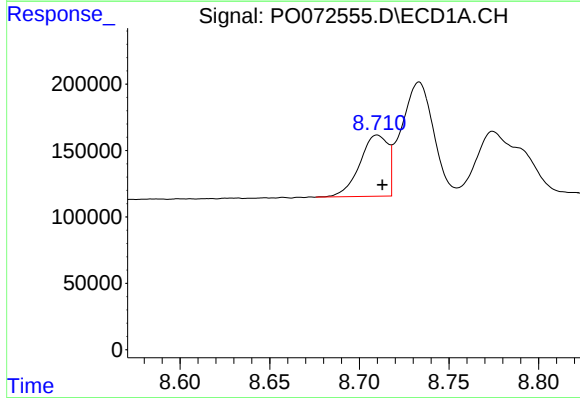
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 2594838
Conc: 162.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



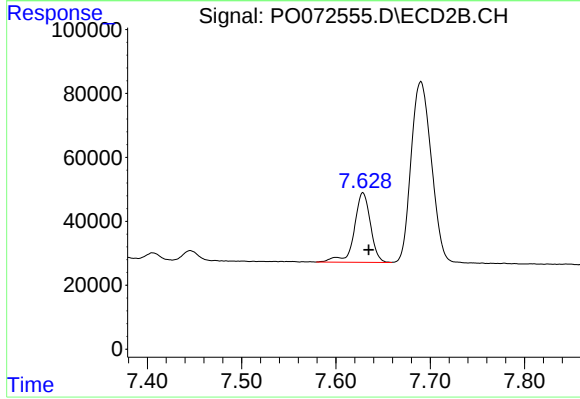
#37 AR-1262-2

R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 1110694
Conc: 166.29 ng/ml



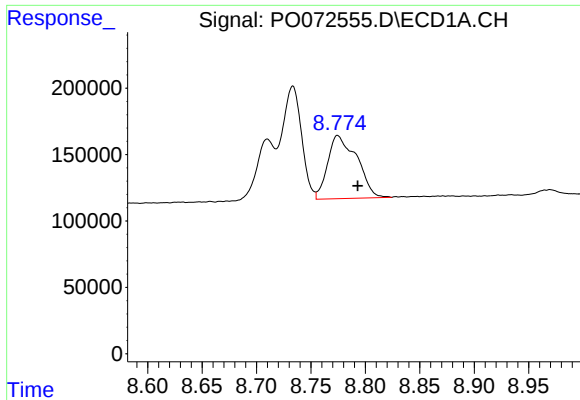
#38 AR-1262-3

R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 504979
Conc: 72.27 ng/ml



#38 AR-1262-3

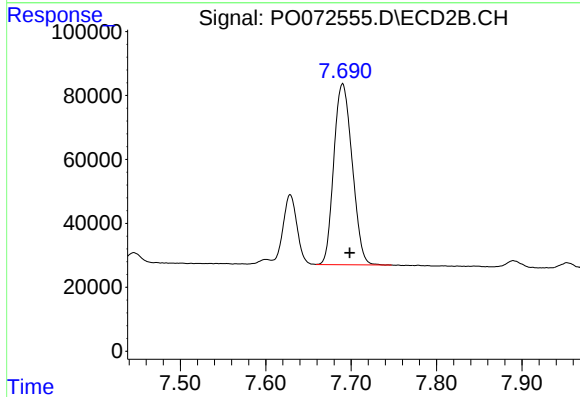
R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 260756
Conc: 91.49 ng/ml



#39 AR-1262-4

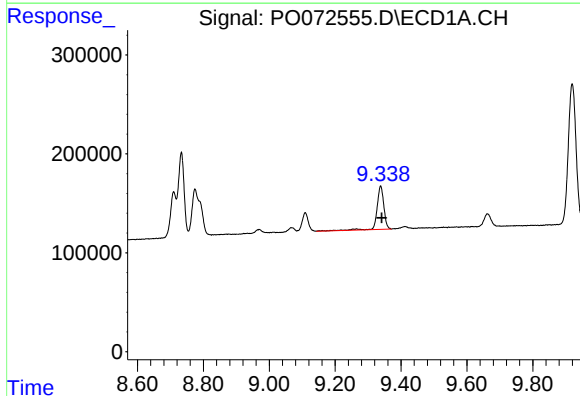
R.T.: 8.775 min
Delta R.T.: -0.018 min
Response: 886471
Conc: 221.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



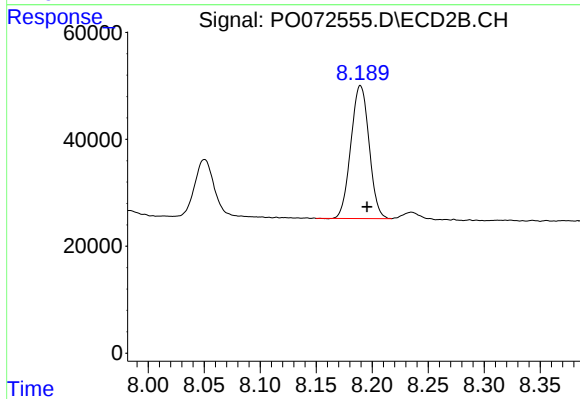
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.008 min
Response: 845720
Conc: 164.10 ng/ml



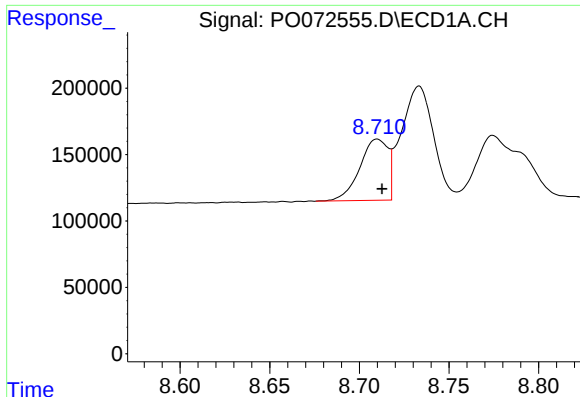
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 633370
Conc: 119.06 ng/ml



#40 AR-1262-5

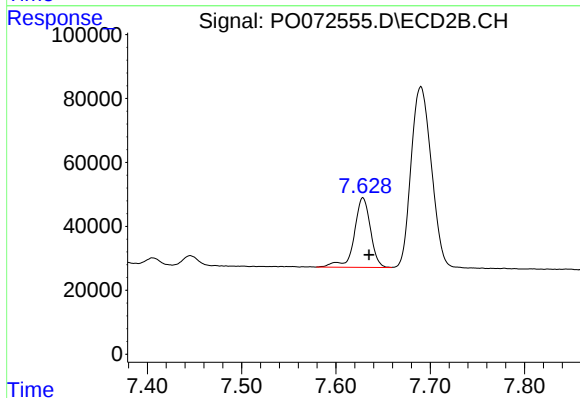
R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 280991
Conc: 111.26 ng/ml



#41 AR-1268-1

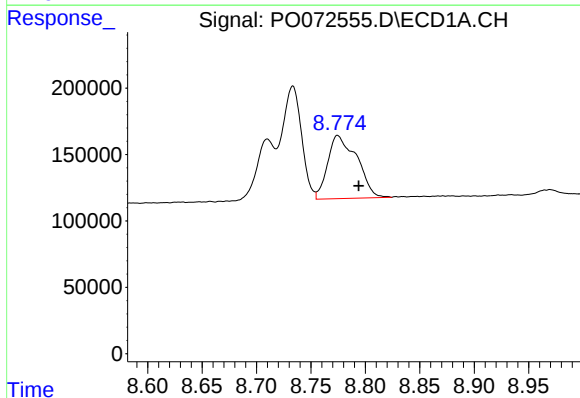
R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 504979
Conc: 26.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



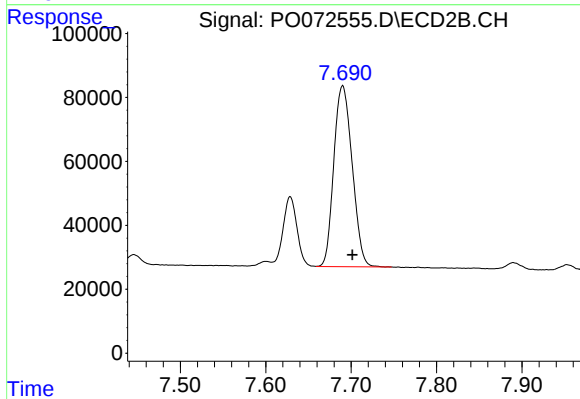
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: -0.007 min
Response: 260756
Conc: 32.88 ng/ml



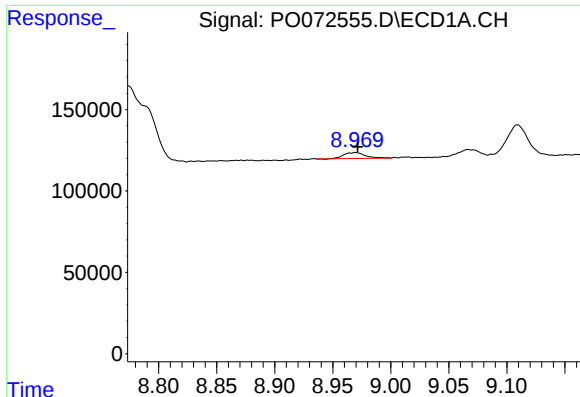
#42 AR-1268-2

R.T.: 8.775 min
Delta R.T.: -0.019 min
Response: 886471
Conc: 53.70 ng/ml



#42 AR-1268-2

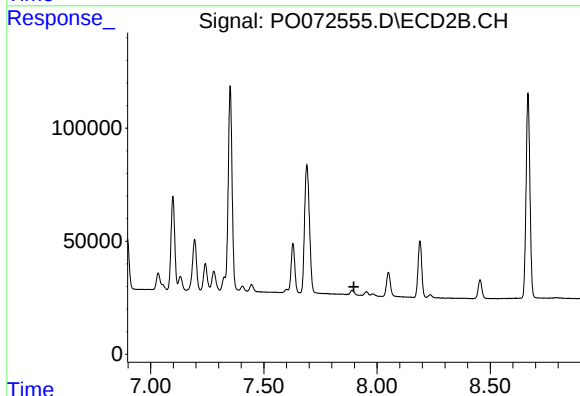
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 845720
Conc: 116.24 ng/ml



#43 AR-1268-3

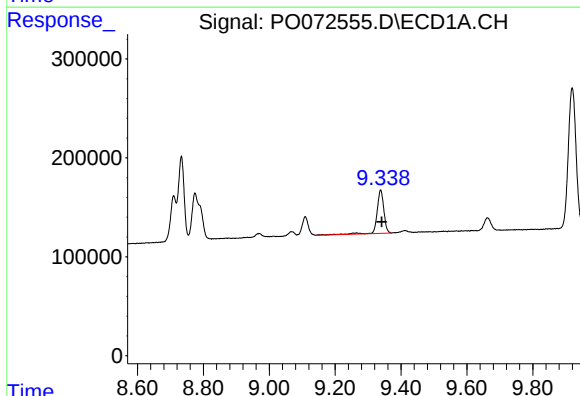
R.T.: 8.970 min
Delta R.T.: -0.002 min
Response: 45971
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



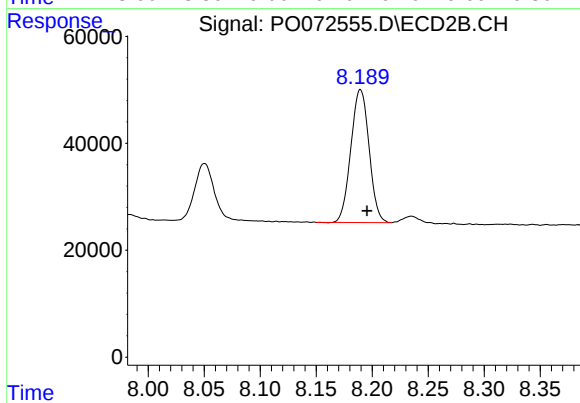
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.898 min
Response: 0
Conc: N.D.



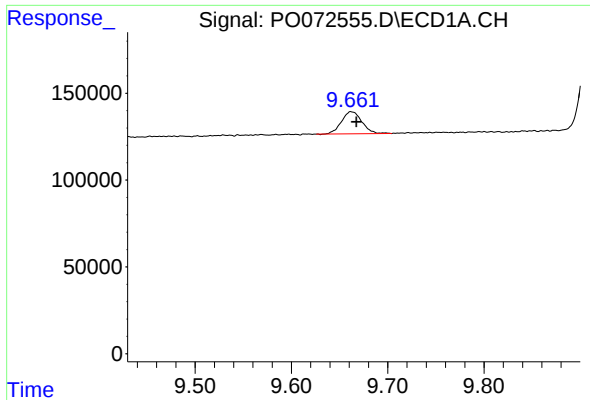
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: -0.003 min
Response: 633370
Conc: 106.15 ng/ml



#44 AR-1268-4

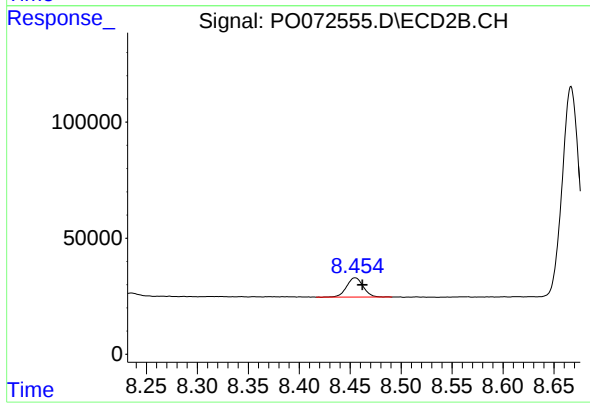
R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 280991
Conc: 99.40 ng/ml



#45 AR-1268-5

R.T.: 9.662 min
Delta R.T.: -0.005 min
Response: 188369
Conc: 4.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.007 min
Response: 94208
Conc: 4.90 ng/ml