

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072021\
 Data File : P0079716.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2021 20:35
 Operator : DD\AJ
 Sample : M3076-04MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 01:55:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 20 14:31:26 2021
 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...	5.016	4.233	1483574	519550	20.042	20.679
2)	SA Decachlor...	11.142	9.703	1205215	530750	22.415	23.350
Target Compounds							
3)	L1 AR-1016-1	6.348	5.517	1380409	529979	531.632	525.626
4)	L1 AR-1016-2	6.372	5.538	1914638	717215	527.520	529.823
5)	L1 AR-1016-3	6.438	5.736	1207505	394468	539.308	533.147
6)	L1 AR-1016-4	6.546	5.786	997996	320114	545.576	507.255
7)	L1 AR-1016-5	6.863	6.023	937133	404619	522.877	518.245
8)	L2 AR-1221-1	5.268	4.492	198032	71875	253.320	252.967
9)	L2 AR-1221-2	5.368	4.598	227460	64244	398.301	282.817 #
10)	L2 AR-1221-3	5.456	4.689	672566	271037	372.607	402.222
11)	L3 AR-1232-1	5.456	4.689	672566	271037	383.326	438.966
12)	L3 AR-1232-2	6.050	5.538	980386	717215	990.276	1244.260 #
13)	L3 AR-1232-3	6.372	5.736	1914638	394468	1238.436	1293.278
14)	L3 AR-1232-4	6.546	5.832	997996	395878	1312.692	1402.320
15)	L3 AR-1232-5	6.644	6.023	776191	404619	1393.790	1388.886
16)	L4 AR-1242-1	6.348	5.517	1380409	529979	715.096	696.736
17)	L4 AR-1242-2	6.372	5.538	1914638	717215	705.492	707.873
18)	L4 AR-1242-3	6.438	5.736	1207505	394468	715.896	714.466
19)	L4 AR-1242-4	6.546	5.832	997996	395878	731.830	716.751
20)	L4 AR-1242-5	7.333	6.410	128357	319212	93.290	464.915 #
21)	L5 AR-1248-1	6.348	5.517	1380409	529979	923.039	879.761
22)	L5 AR-1248-2	6.644	5.786	776191	320114	384.409	372.983
23)	L5 AR-1248-3	6.863	5.832	937133	395878	399.771	442.818
24)	L5 AR-1248-4	7.294	6.023	158304	404619	61.026	396.221 #
25)	L5 AR-1248-5	7.333	6.454	128357	44079	51.756	44.553
26)	L6 AR-1254-1	7.263	6.410	675779	319212	269.689	215.190
27)	L6 AR-1254-2	7.493	6.571	749194	310057	191.649	236.677
28)	L6 AR-1254-3	7.877	6.983f	413665	115099	98.794	54.453 #
29)	L6 AR-1254-4	8.173	7.244	244471	61118	82.364	45.292 #
30)	L6 AR-1254-5	8.604	7.682	2313887	1081523	742.858	584.785
31)	L7 AR-1260-1	8.044	7.141	1612448	773650	572.126	557.028
32)	L7 AR-1260-2	8.311	7.338	1854750	921466	544.873	557.566
33)	L7 AR-1260-3	8.679	7.500	1216805	860376	482.231	544.783
34)	L7 AR-1260-4	8.911	7.991	1470392	612394	499.312	479.539
35)	L7 AR-1260-5	9.247	8.240	2737908	1429979	474.300	486.418
36)	L8 AR-1262-1	8.679	7.682	1216805	1081523	352.265	1066.398 #
37)	L8 AR-1262-2	9.247	8.240	2737908	1429979	426.576	444.256
38)	L8 AR-1262-3	9.592f	8.533	1800706	265677	403.161	204.596 #
39)	L8 AR-1262-4	9.666	8.598	326958	1015275	97.896	425.108 #
40)	L8 AR-1262-5	10.360	9.115	672326	322856	303.097	286.542
41)	L9 AR-1268-1	9.592f	8.533	1800706	265677	234.419	72.202 #

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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

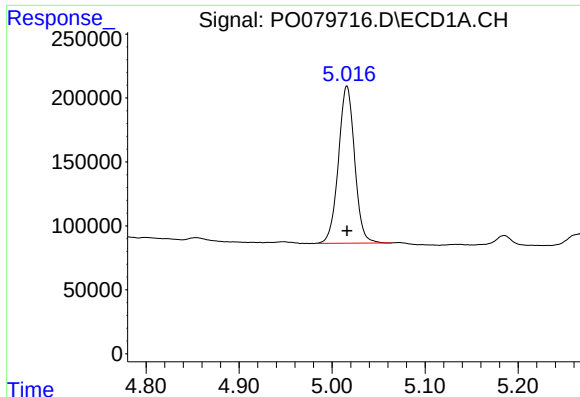
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 01:55:43 2021
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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	9.666	8.598	326958	1015275	46.865	309.057 #
43) L9	AR-1268-3	9.900	8.812	46844	31022	7.883	10.929 #
44) L9	AR-1268-4	10.360	9.115	672326	322856	246.440	253.656
45) L9	AR-1268-5	10.792	9.427	233370	97186	11.690	11.445

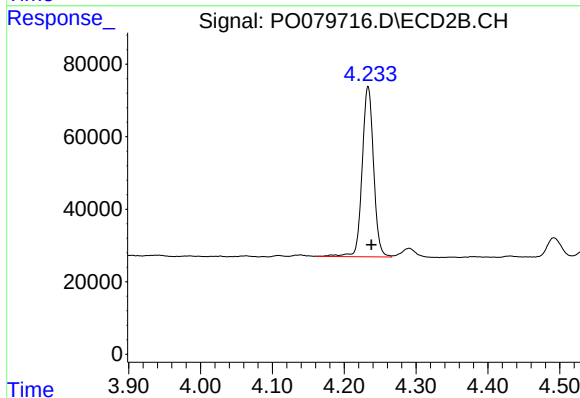
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

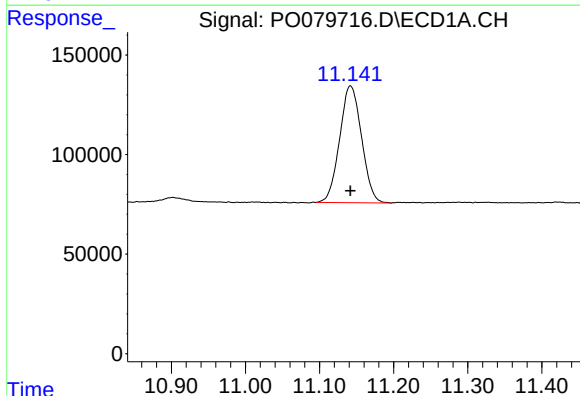
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 1483574
Conc: 20.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



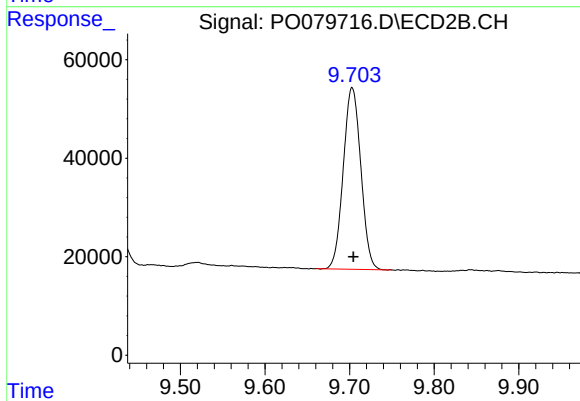
#1 Tetrachloro-m-xylene

R.T.: 4.233 min
Delta R.T.: -0.005 min
Response: 519550
Conc: 20.68 ng/ml



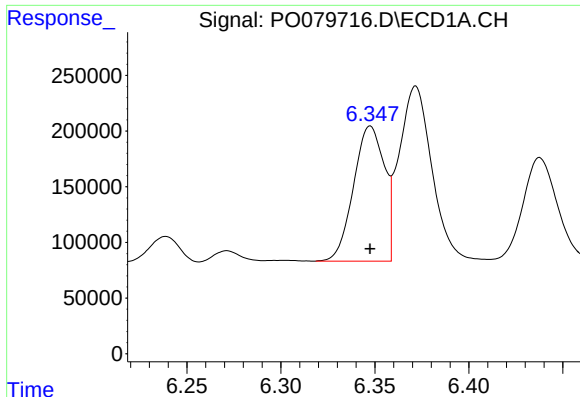
#2 Decachlorobiphenyl

R.T.: 11.142 min
Delta R.T.: 0.000 min
Response: 1205215
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

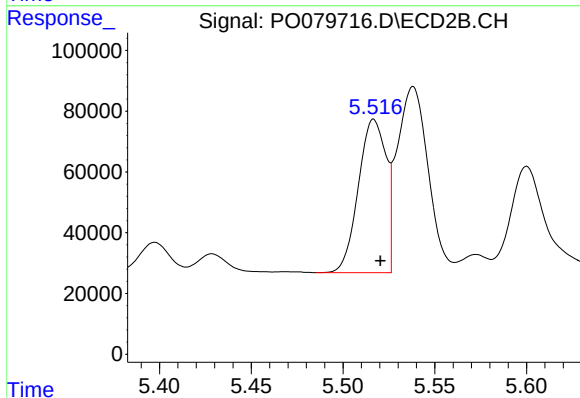
R.T.: 9.703 min
Delta R.T.: -0.001 min
Response: 530750
Conc: 23.35 ng/ml



#3 AR-1016-1

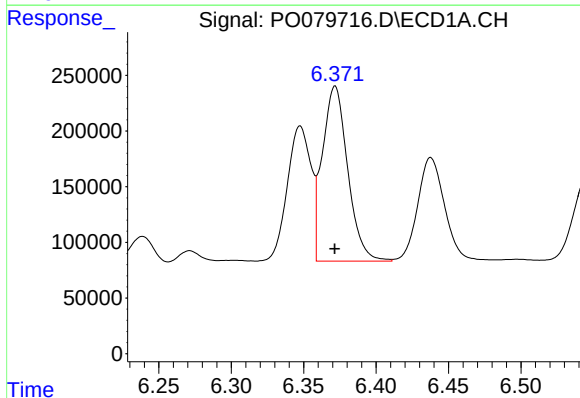
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1380409
Conc: 531.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



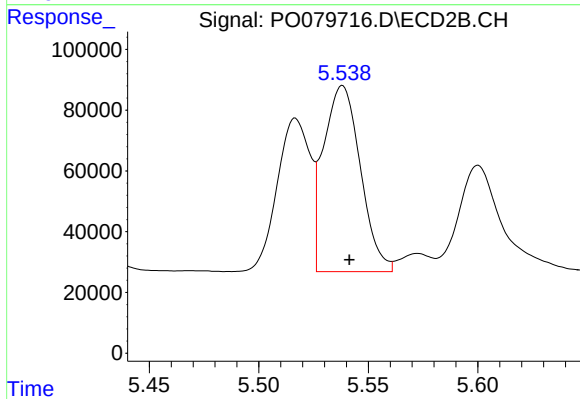
#3 AR-1016-1

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 529979
Conc: 525.63 ng/ml



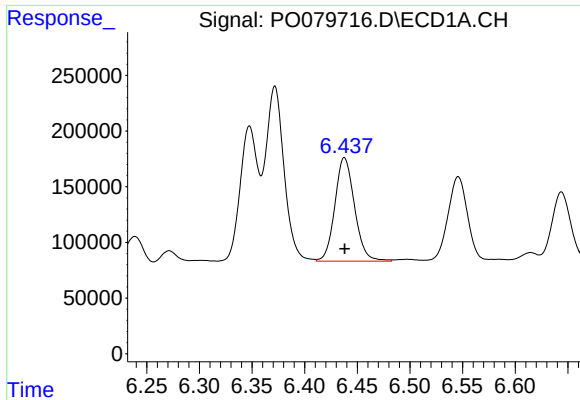
#4 AR-1016-2

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 1914638
Conc: 527.52 ng/ml



#4 AR-1016-2

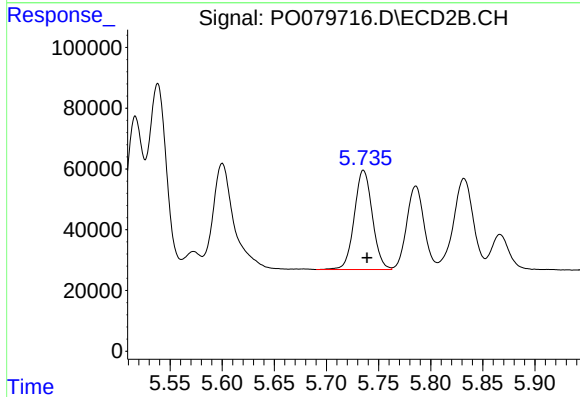
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 717215
Conc: 529.82 ng/ml



#5 AR-1016-3

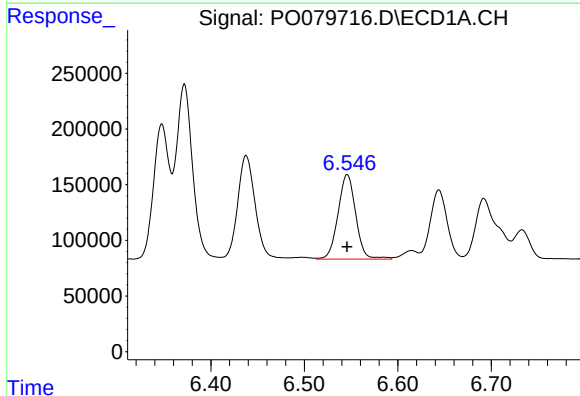
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 1207505
Conc: 539.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



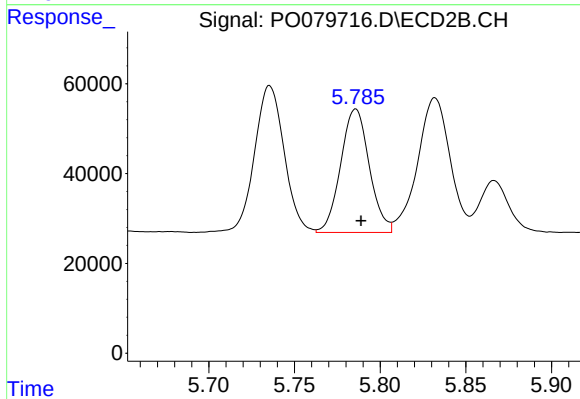
#5 AR-1016-3

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 394468
Conc: 533.15 ng/ml



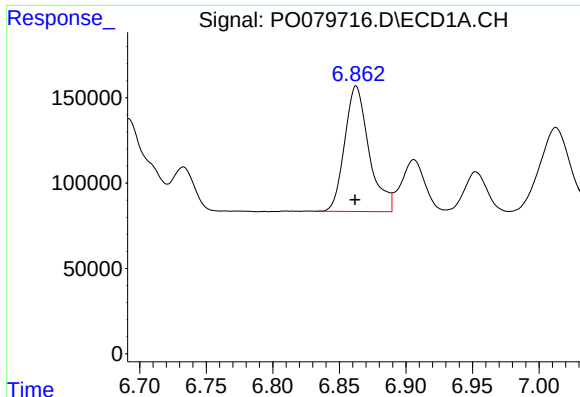
#6 AR-1016-4

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 997996
Conc: 545.58 ng/ml



#6 AR-1016-4

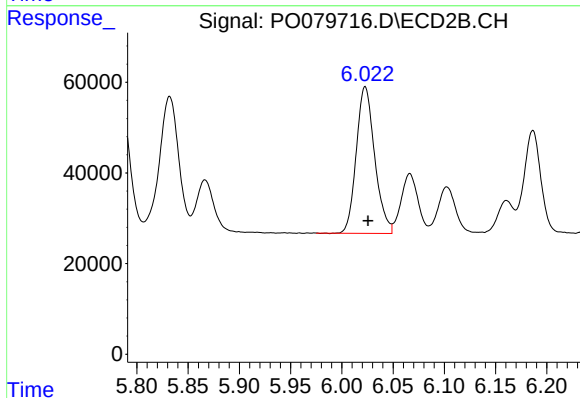
R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 320114
Conc: 507.25 ng/ml



#7 AR-1016-5

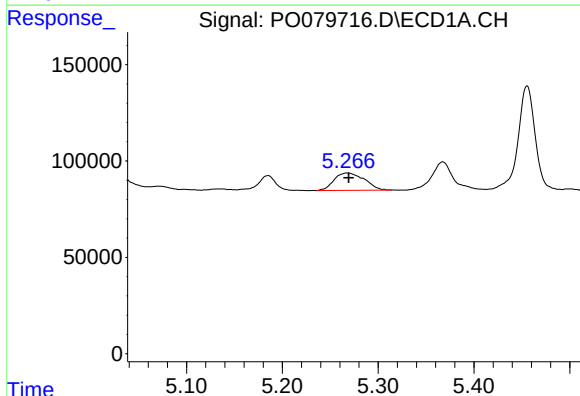
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 937133
Conc: 522.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



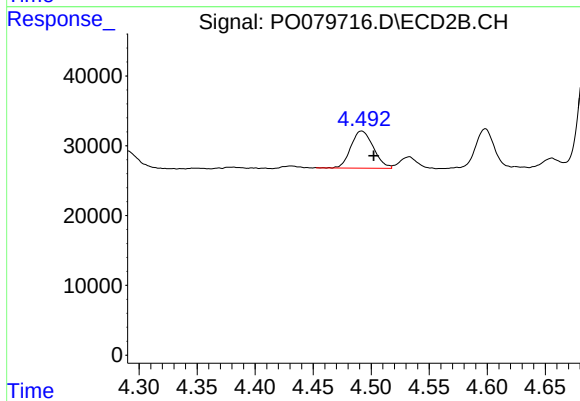
#7 AR-1016-5

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 404619
Conc: 518.25 ng/ml



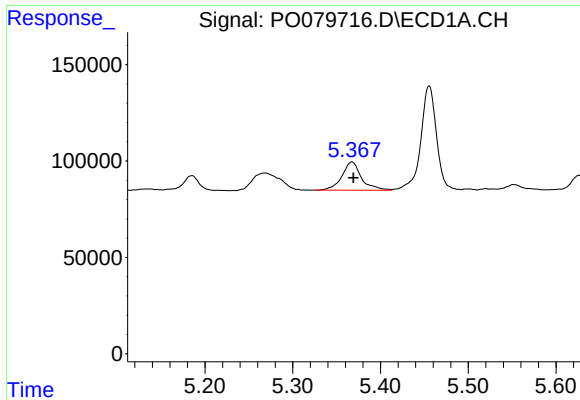
#8 AR-1221-1

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 198032
Conc: 253.32 ng/ml



#8 AR-1221-1

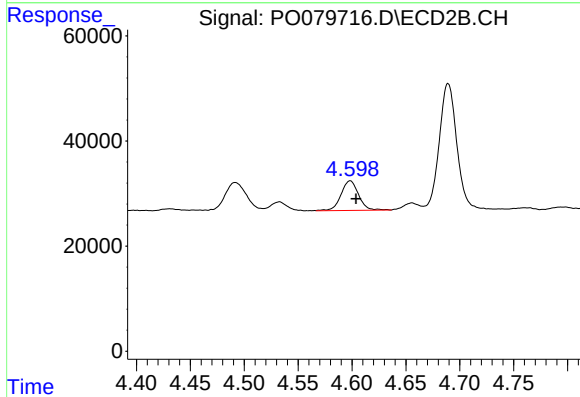
R.T.: 4.492 min
Delta R.T.: -0.010 min
Response: 71875
Conc: 252.97 ng/ml



#9 AR-1221-2

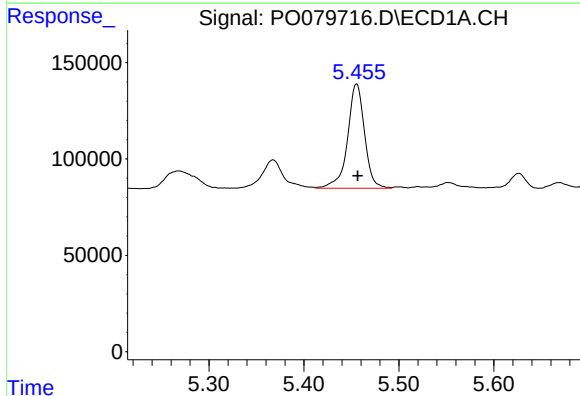
R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 227460
Conc: 398.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



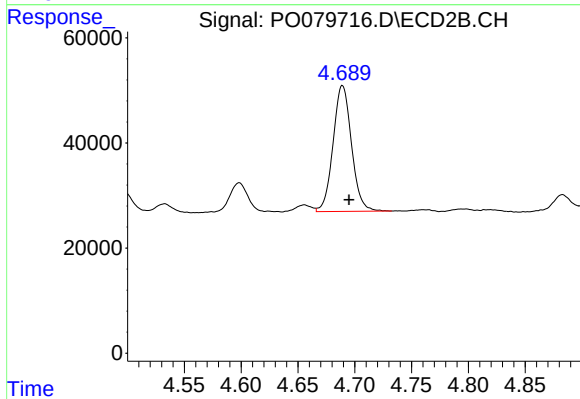
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.005 min
Response: 64244
Conc: 282.82 ng/ml



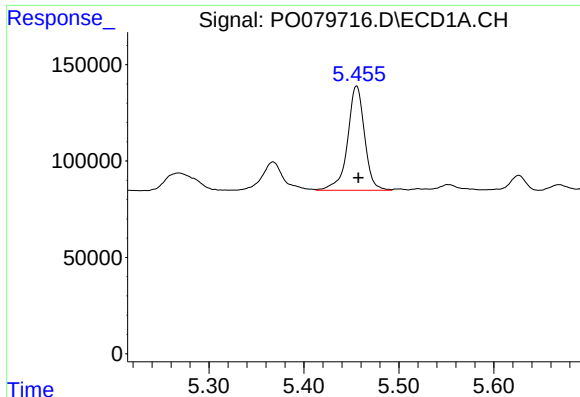
#10 AR-1221-3

R.T.: 5.456 min
Delta R.T.: -0.001 min
Response: 672566
Conc: 372.61 ng/ml



#10 AR-1221-3

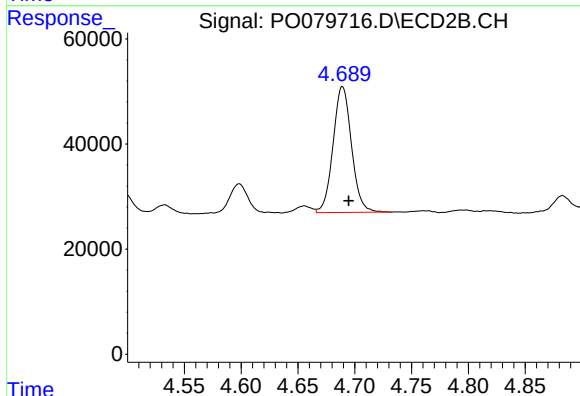
R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 271037
Conc: 402.22 ng/ml



#11 AR-1232-1

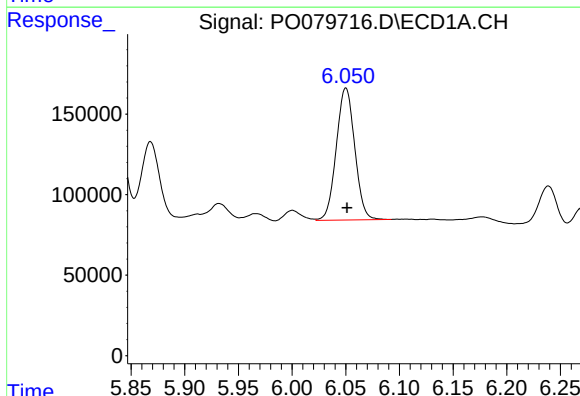
R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 672566
Conc: 383.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



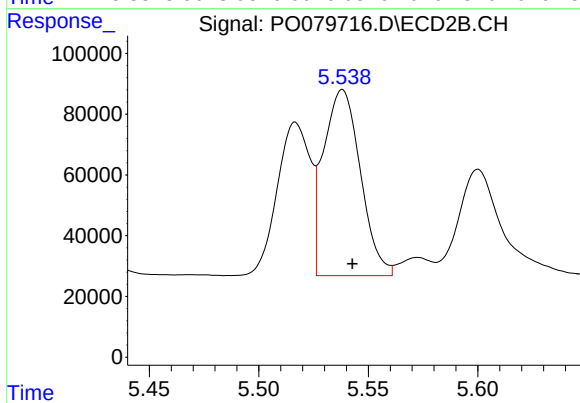
#11 AR-1232-1

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 271037
Conc: 438.97 ng/ml



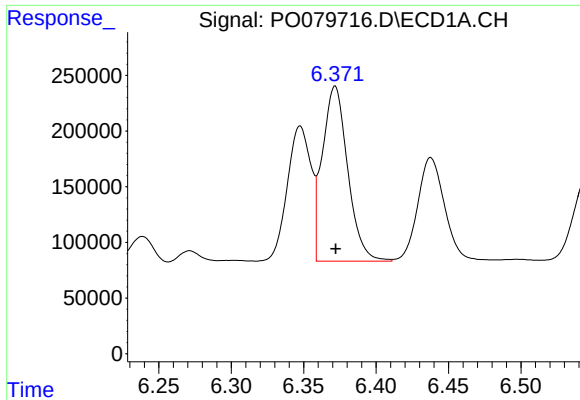
#12 AR-1232-2

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 980386
Conc: 990.28 ng/ml



#12 AR-1232-2

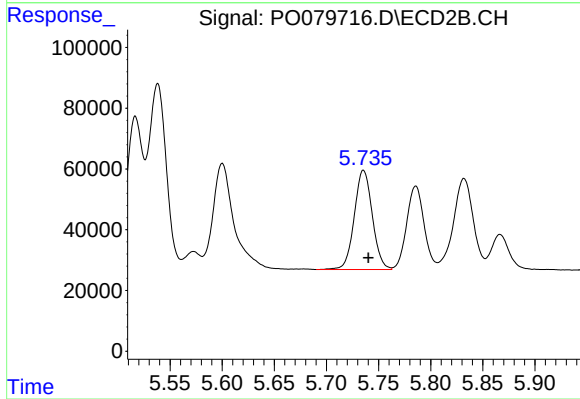
R.T.: 5.538 min
Delta R.T.: -0.005 min
Response: 717215
Conc: 1244.26 ng/ml



#13 AR-1232-3

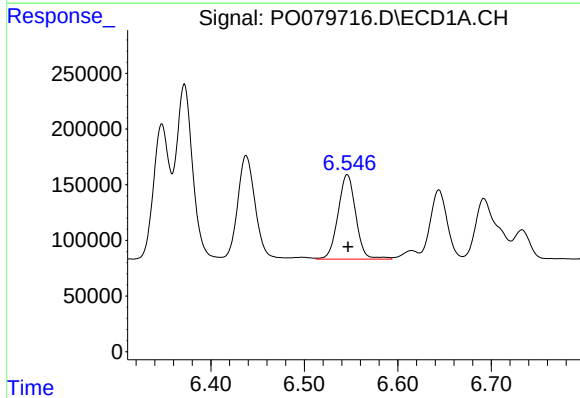
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 1914638
Conc: 1238.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



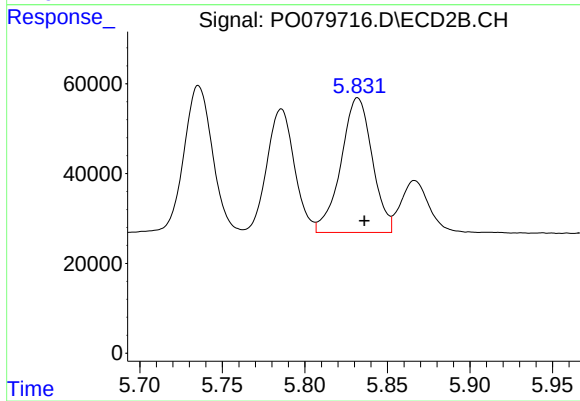
#13 AR-1232-3

R.T.: 5.736 min
Delta R.T.: -0.005 min
Response: 394468
Conc: 1293.28 ng/ml



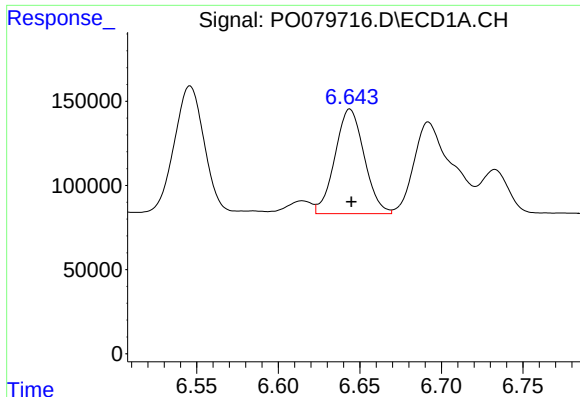
#14 AR-1232-4

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 997996
Conc: 1312.69 ng/ml



#14 AR-1232-4

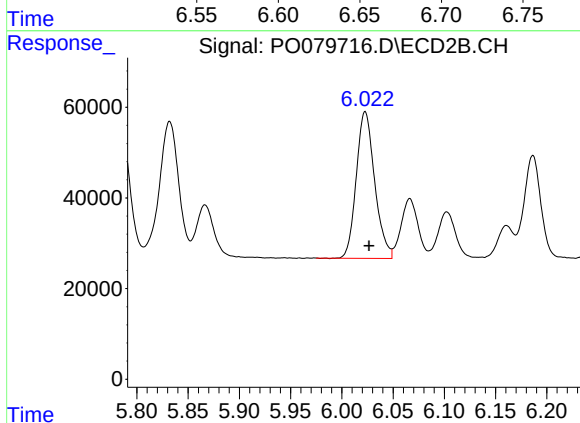
R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 395878
Conc: 1402.32 ng/ml



#15 AR-1232-5

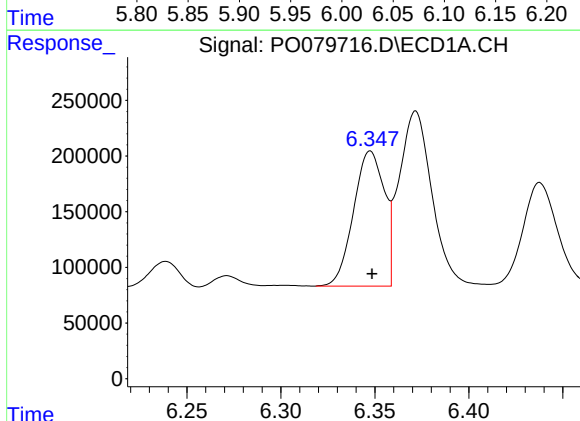
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 776191
Conc: 1393.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



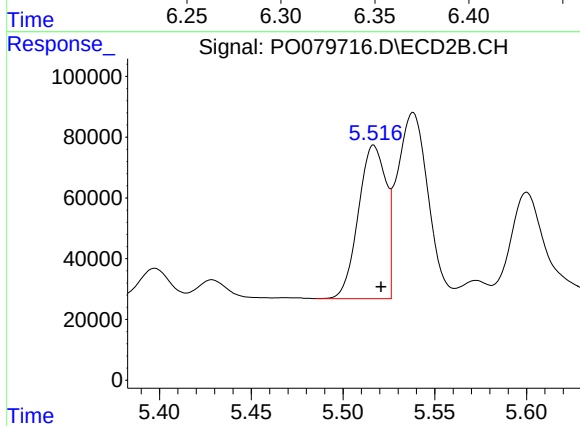
#15 AR-1232-5

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 404619
Conc: 1388.89 ng/ml



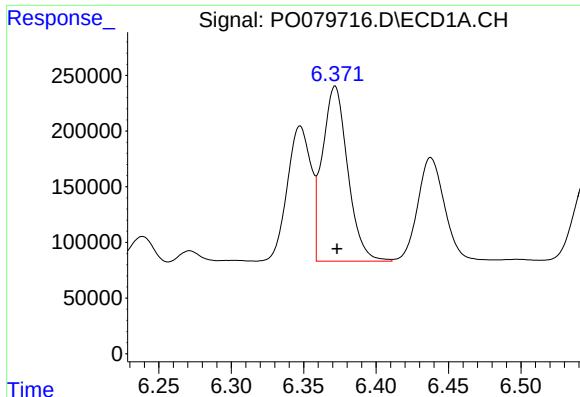
#16 AR-1242-1

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1380409
Conc: 715.10 ng/ml



#16 AR-1242-1

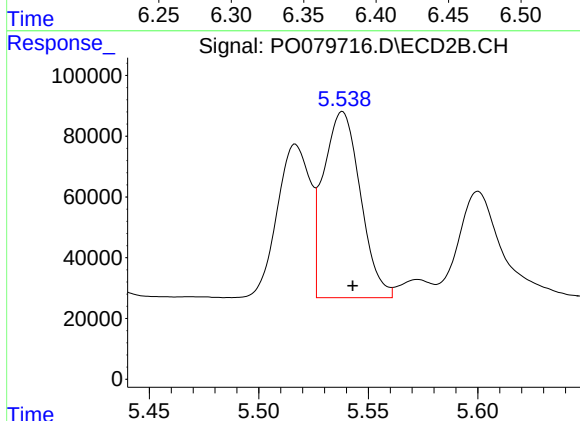
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 529979
Conc: 696.74 ng/ml



#17 AR-1242-2

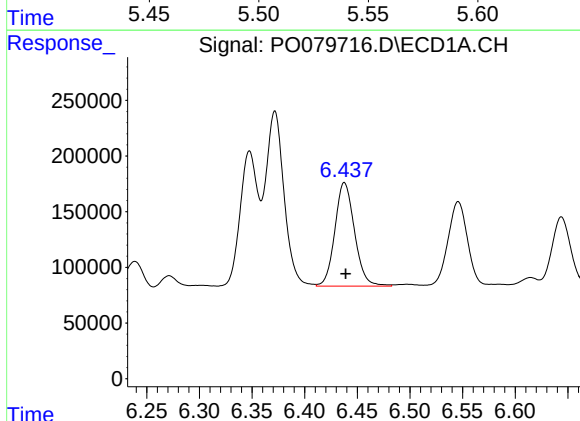
R.T.: 6.372 min
Delta R.T.: -0.001 min
Response: 1914638
Conc: 705.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



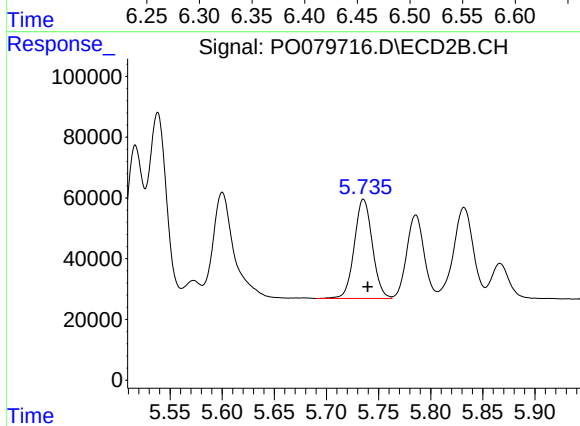
#17 AR-1242-2

R.T.: 5.538 min
Delta R.T.: -0.005 min
Response: 717215
Conc: 707.87 ng/ml



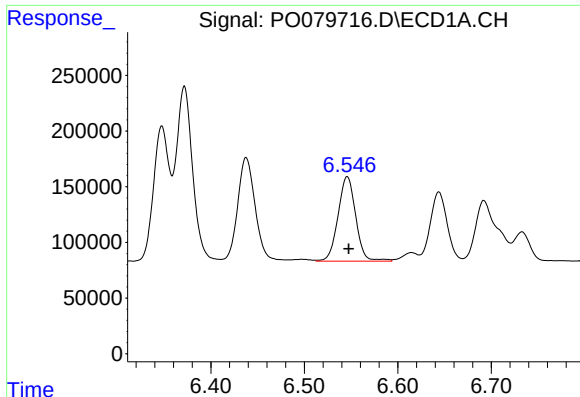
#18 AR-1242-3

R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 1207505
Conc: 715.90 ng/ml



#18 AR-1242-3

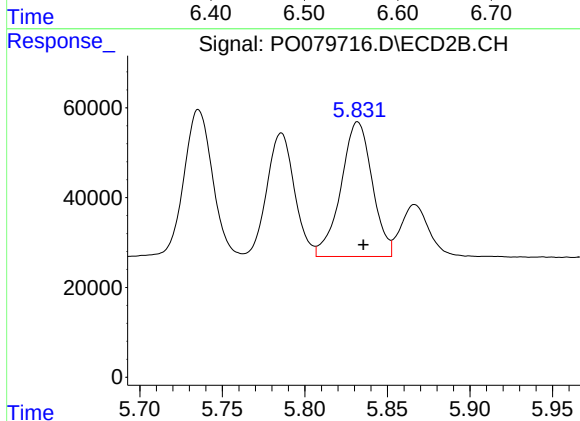
R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 394468
Conc: 714.47 ng/ml



#19 AR-1242-4

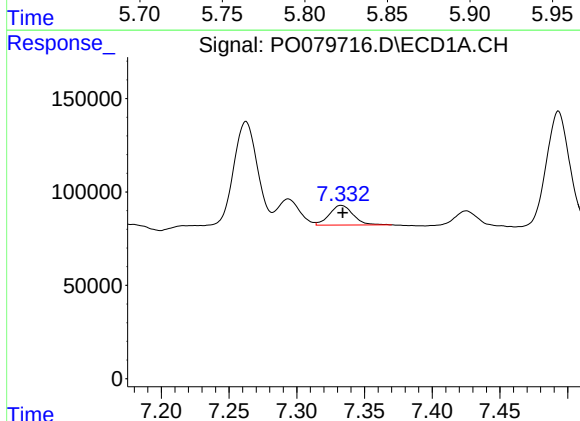
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 997996
Conc: 731.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



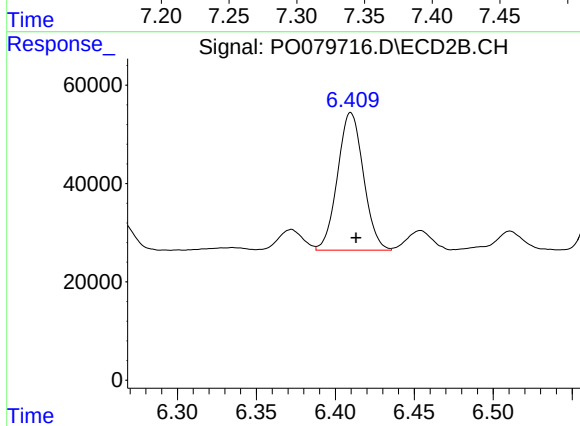
#19 AR-1242-4

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 395878
Conc: 716.75 ng/ml



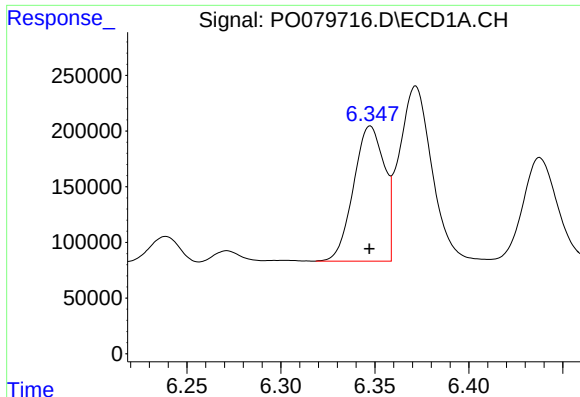
#20 AR-1242-5

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 128357
Conc: 93.29 ng/ml



#20 AR-1242-5

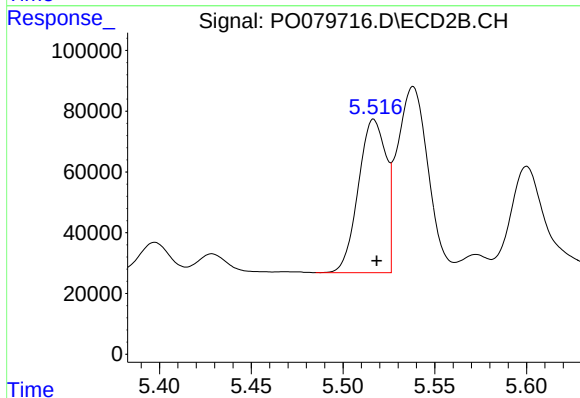
R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 319212
Conc: 464.92 ng/ml



#21 AR-1248-1

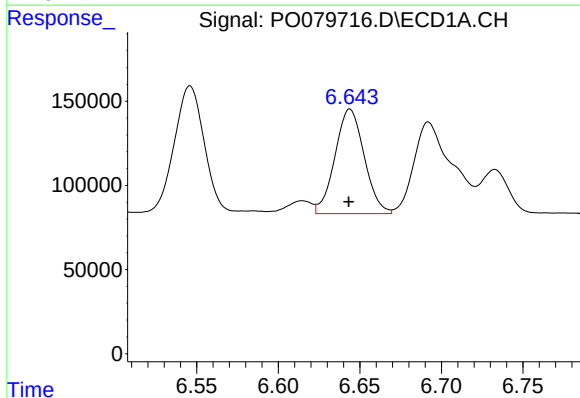
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1380409
Conc: 923.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



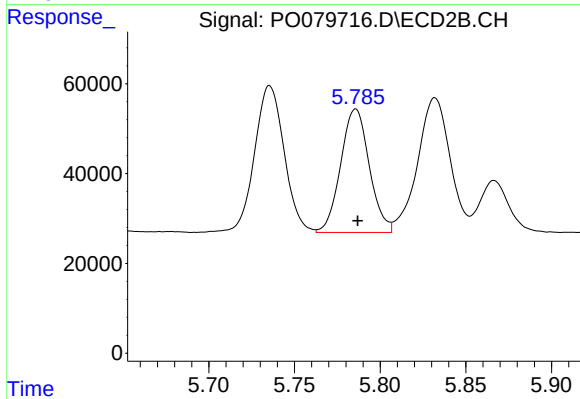
#21 AR-1248-1

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 529979
Conc: 879.76 ng/ml



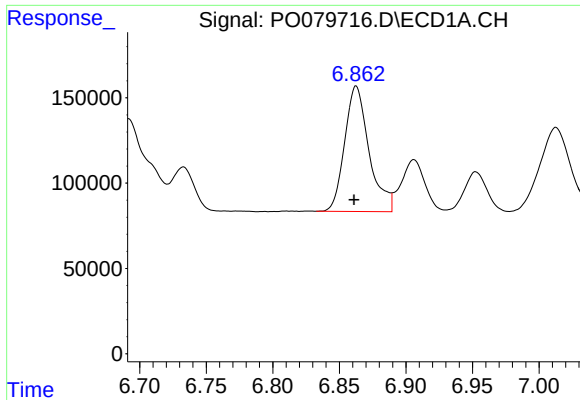
#22 AR-1248-2

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 776191
Conc: 384.41 ng/ml



#22 AR-1248-2

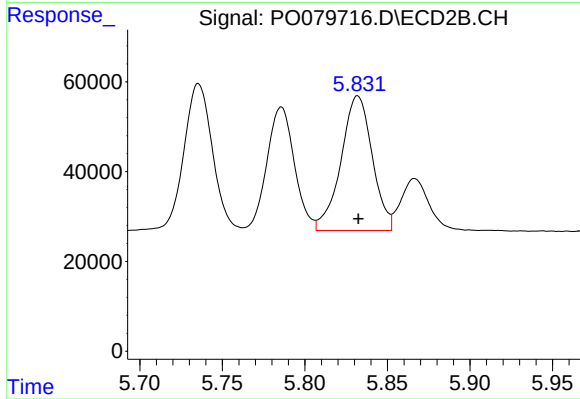
R.T.: 5.786 min
Delta R.T.: -0.001 min
Response: 320114
Conc: 372.98 ng/ml



#23 AR-1248-3

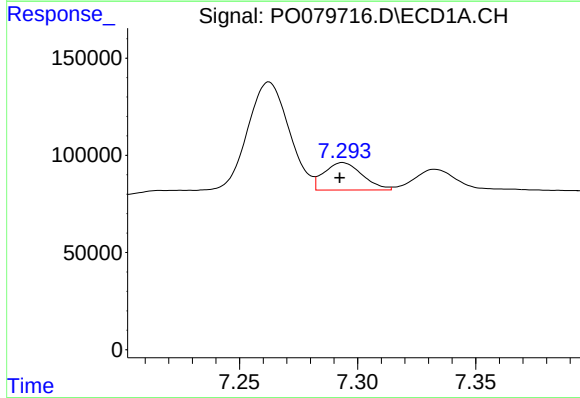
R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 937133
Conc: 399.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



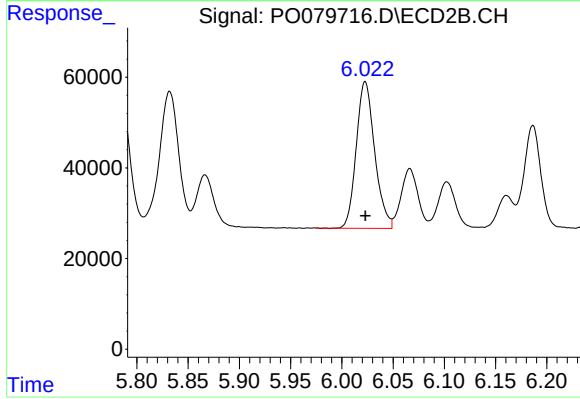
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 395878
Conc: 442.82 ng/ml



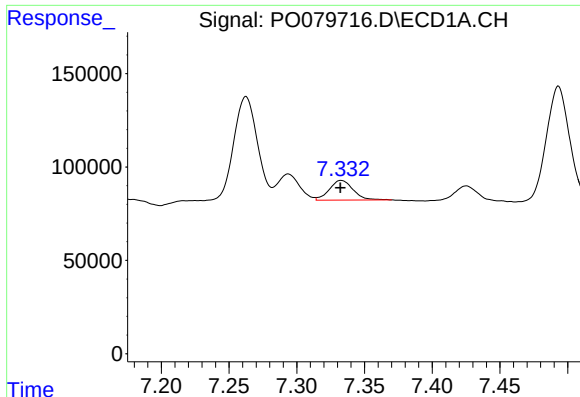
#24 AR-1248-4

R.T.: 7.294 min
Delta R.T.: 0.001 min
Response: 158304
Conc: 61.03 ng/ml



#24 AR-1248-4

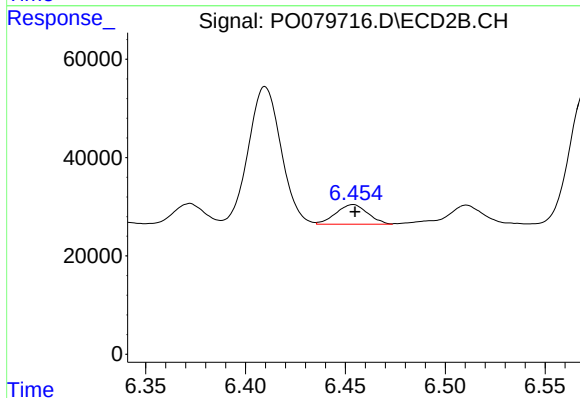
R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 404619
Conc: 396.22 ng/ml



#25 AR-1248-5

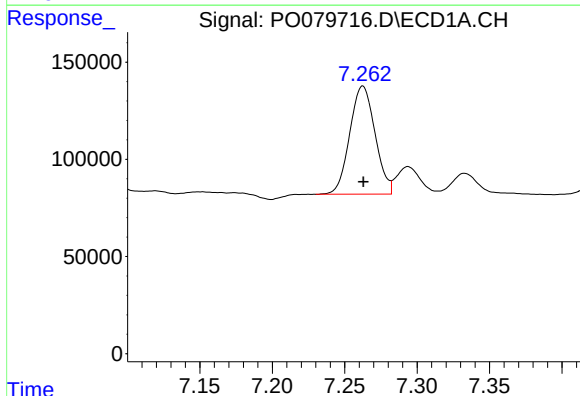
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 128357
Conc: 51.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



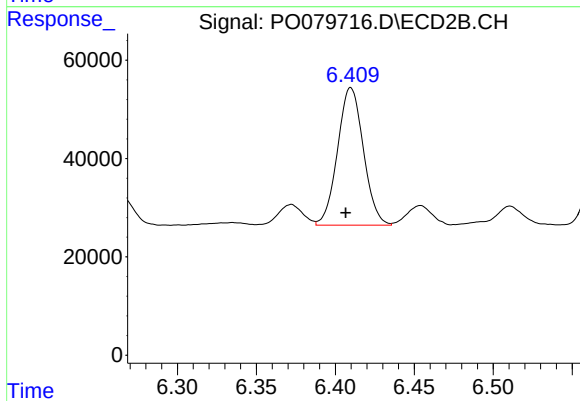
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 44079
Conc: 44.55 ng/ml



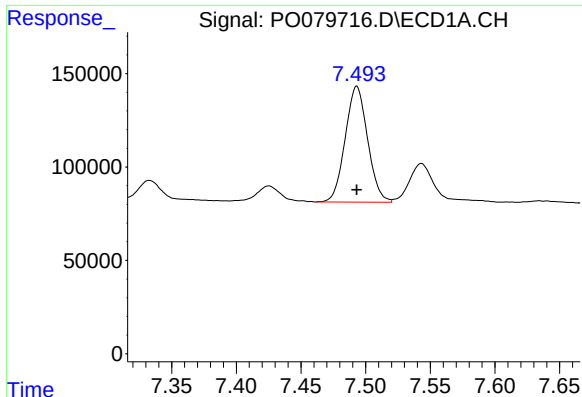
#26 AR-1254-1

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 675779
Conc: 269.69 ng/ml



#26 AR-1254-1

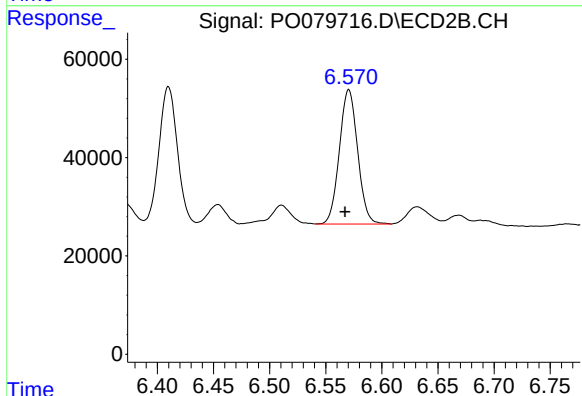
R.T.: 6.410 min
Delta R.T.: 0.003 min
Response: 319212
Conc: 215.19 ng/ml



#27 AR-1254-2

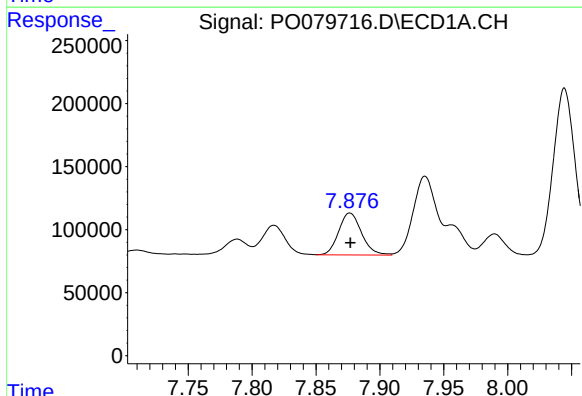
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 749194
Conc: 191.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



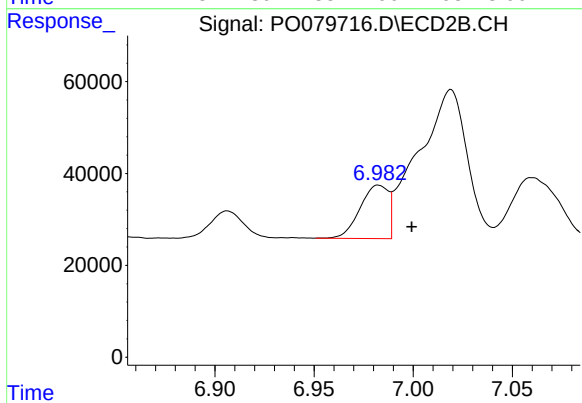
#27 AR-1254-2

R.T.: 6.571 min
Delta R.T.: 0.004 min
Response: 310057
Conc: 236.68 ng/ml



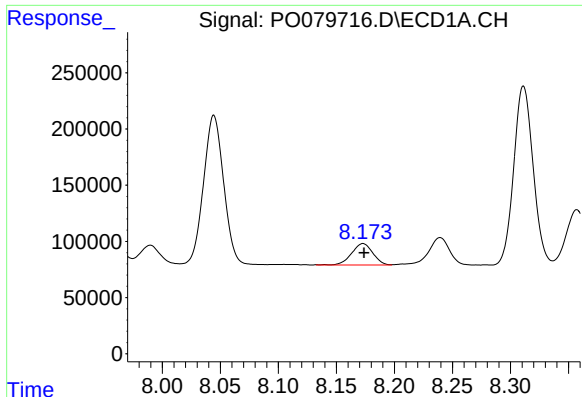
#28 AR-1254-3

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 413665
Conc: 98.79 ng/ml



#28 AR-1254-3

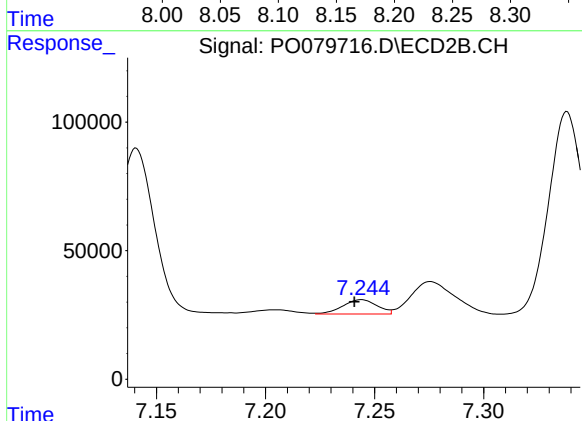
R.T.: 6.983 min
Delta R.T.: -0.017 min
Response: 115099
Conc: 54.45 ng/ml



#29 AR-1254-4

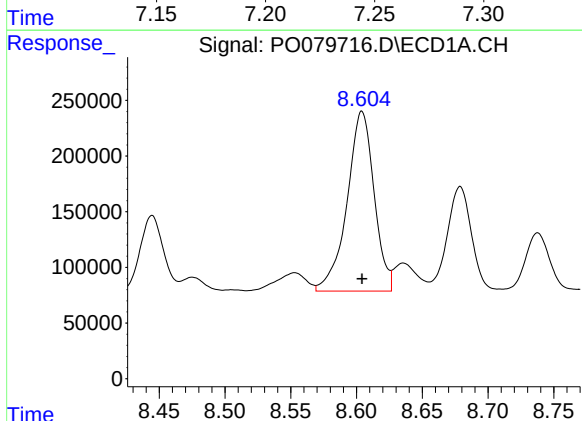
R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 244471
Conc: 82.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



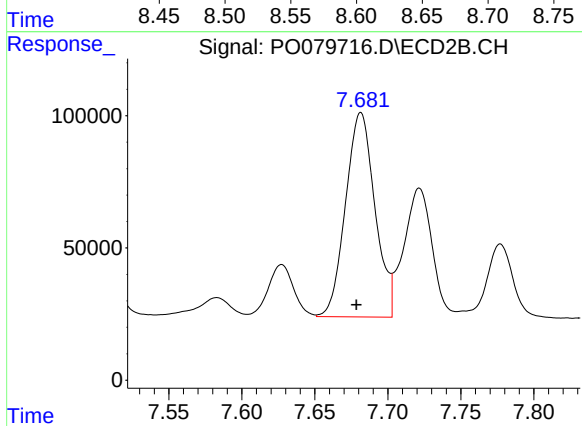
#29 AR-1254-4

R.T.: 7.244 min
Delta R.T.: 0.003 min
Response: 61118
Conc: 45.29 ng/ml



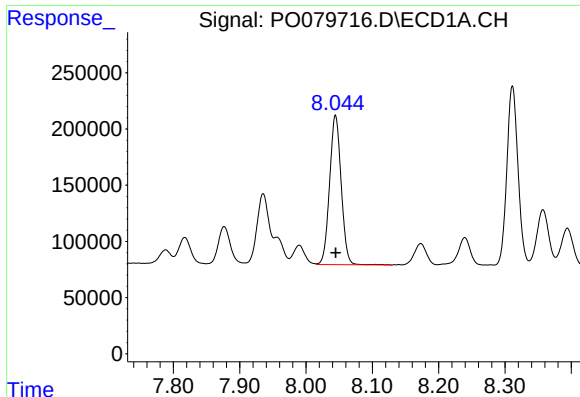
#30 AR-1254-5

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 2313887
Conc: 742.86 ng/ml



#30 AR-1254-5

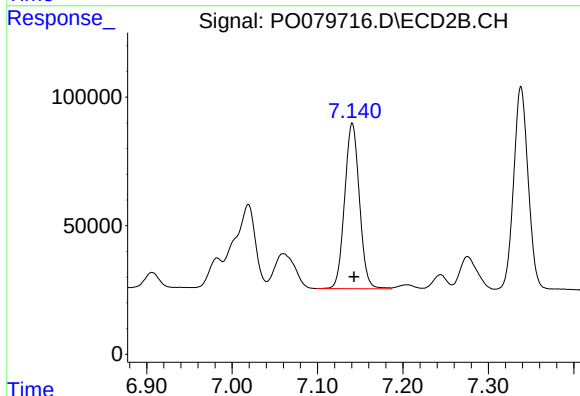
R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 1081523
Conc: 584.79 ng/ml



#31 AR-1260-1

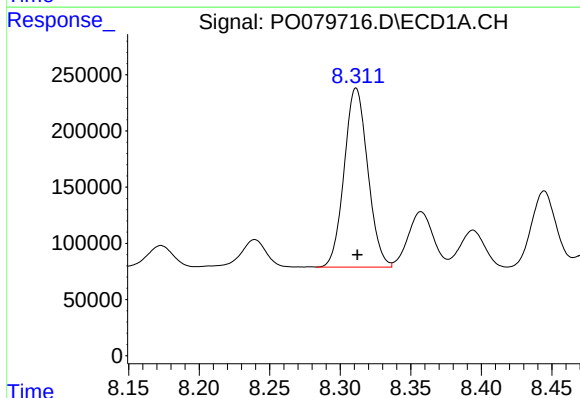
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 1612448
Conc: 572.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



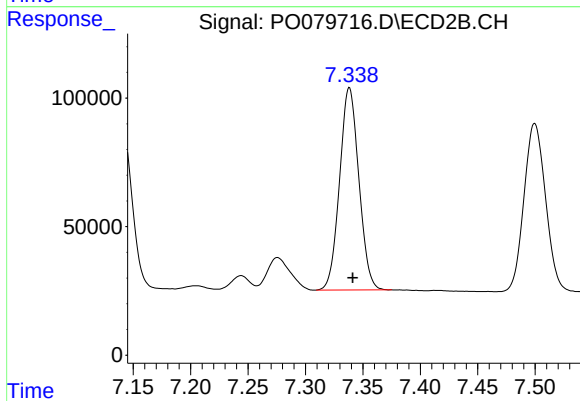
#31 AR-1260-1

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 773650
Conc: 557.03 ng/ml



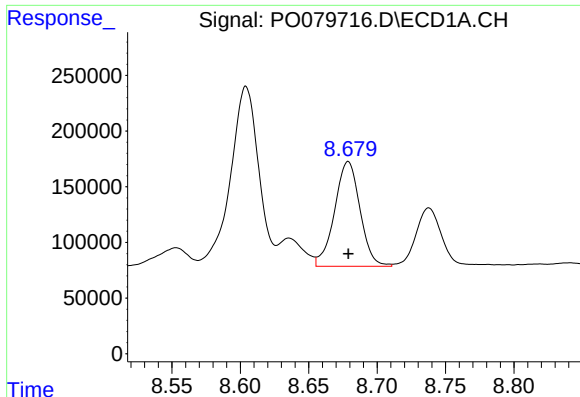
#32 AR-1260-2

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 1854750
Conc: 544.87 ng/ml



#32 AR-1260-2

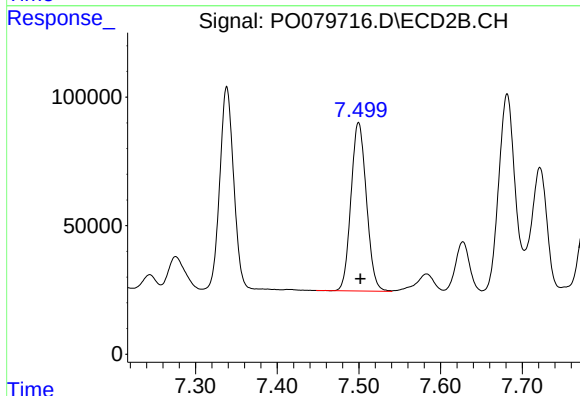
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 921466
Conc: 557.57 ng/ml



#33 AR-1260-3

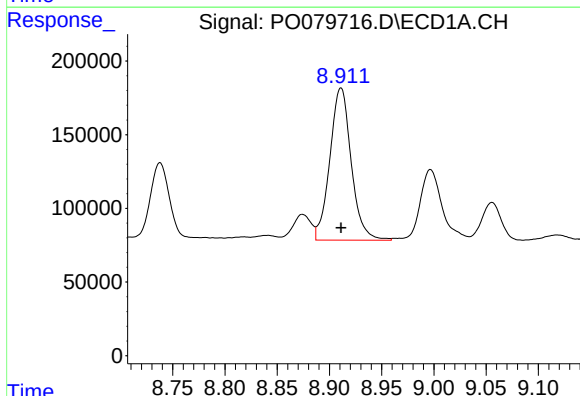
R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 1216805
Conc: 482.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



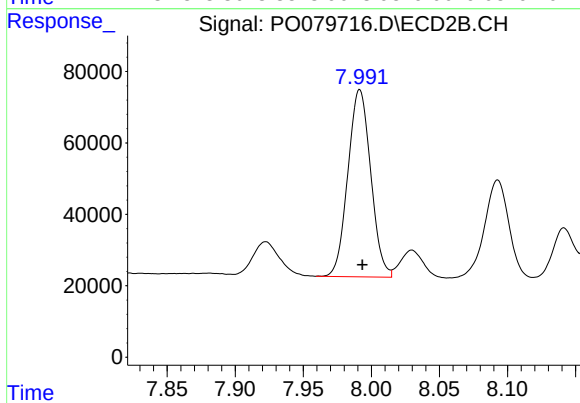
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 860376
Conc: 544.78 ng/ml



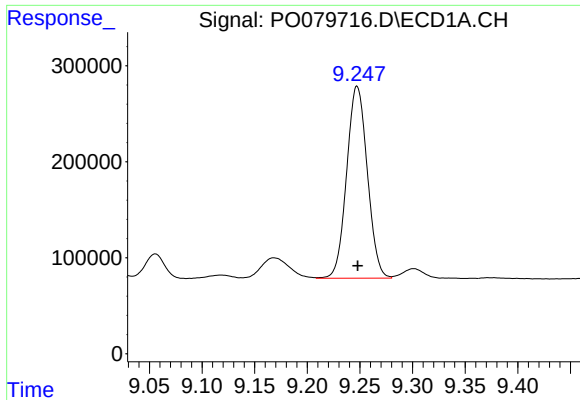
#34 AR-1260-4

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1470392
Conc: 499.31 ng/ml



#34 AR-1260-4

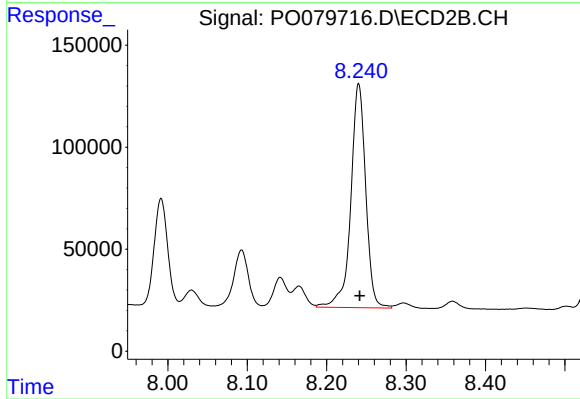
R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 612394
Conc: 479.54 ng/ml



#35 AR-1260-5

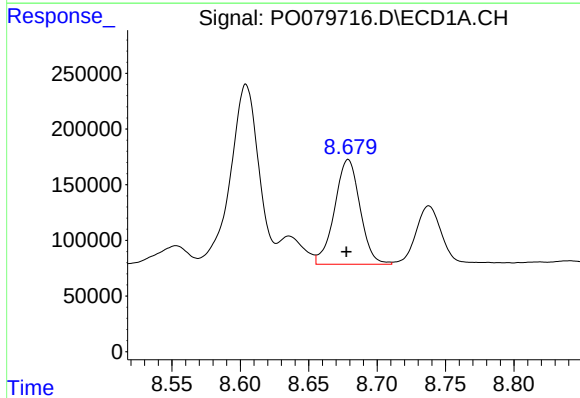
R.T.: 9.247 min
Delta R.T.: 0.000 min
Response: 2737908
Conc: 474.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



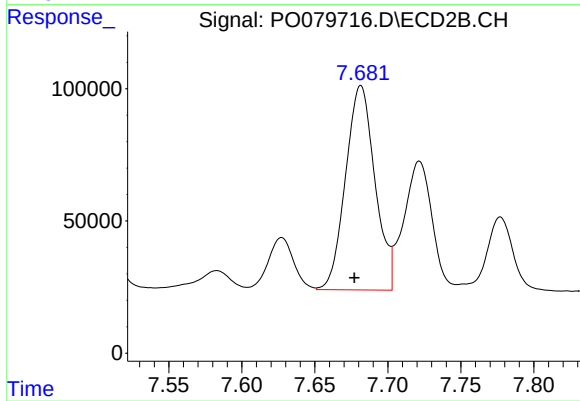
#35 AR-1260-5

R.T.: 8.240 min
Delta R.T.: -0.001 min
Response: 1429979
Conc: 486.42 ng/ml



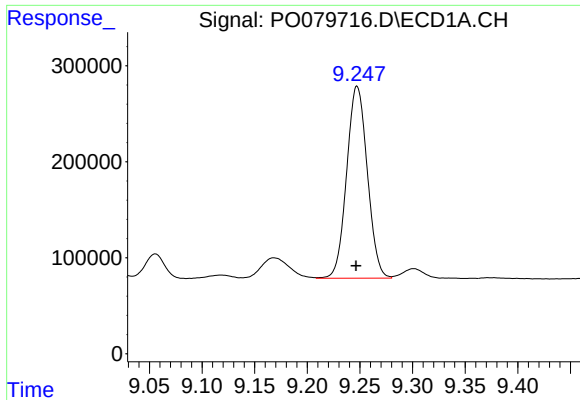
#36 AR-1262-1

R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 1216805
Conc: 352.26 ng/ml



#36 AR-1262-1

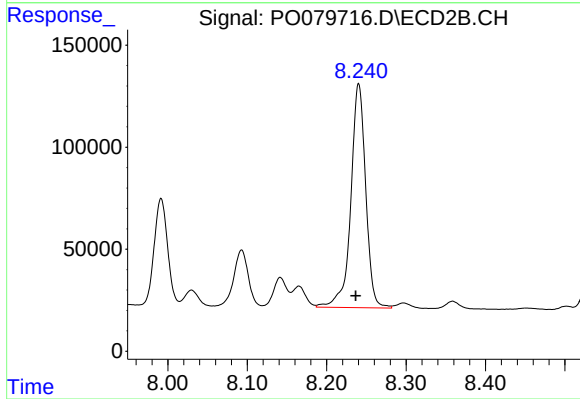
R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 1081523
Conc: 1066.40 ng/ml



#37 AR-1262-2

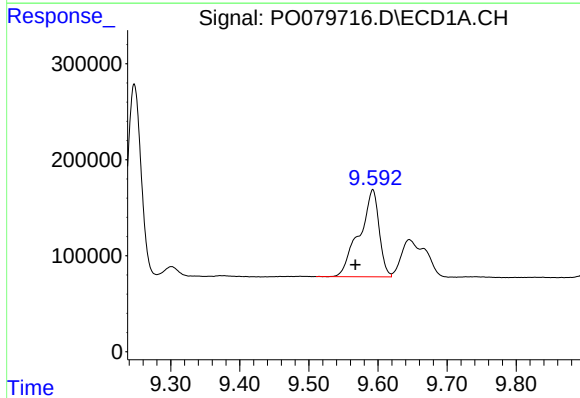
R.T.: 9.247 min
Delta R.T.: 0.000 min
Response: 2737908
Conc: 426.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



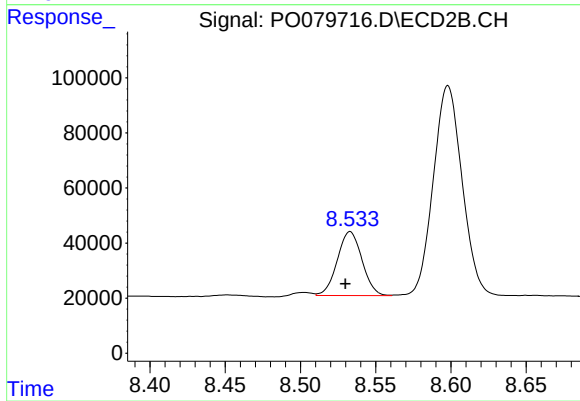
#37 AR-1262-2

R.T.: 8.240 min
Delta R.T.: 0.004 min
Response: 1429979
Conc: 444.26 ng/ml



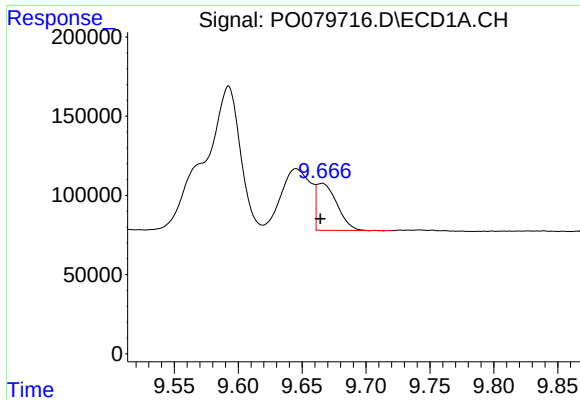
#38 AR-1262-3

R.T.: 9.592 min
Delta R.T.: 0.025 min
Response: 1800706
Conc: 403.16 ng/ml



#38 AR-1262-3

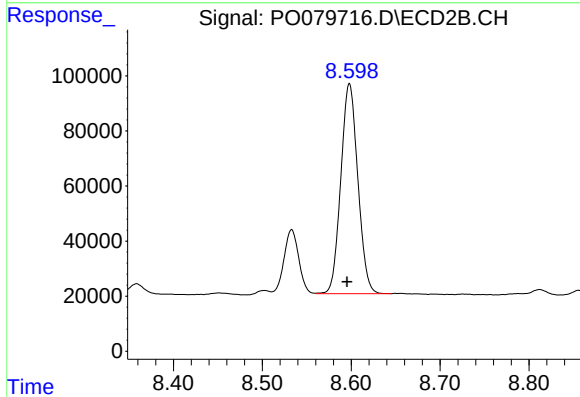
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 265677
Conc: 204.60 ng/ml



#39 AR-1262-4

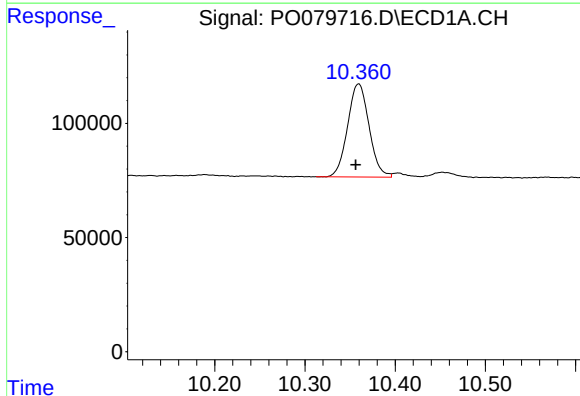
R.T.: 9.666 min
Delta R.T.: 0.001 min
Response: 326958
Conc: 97.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



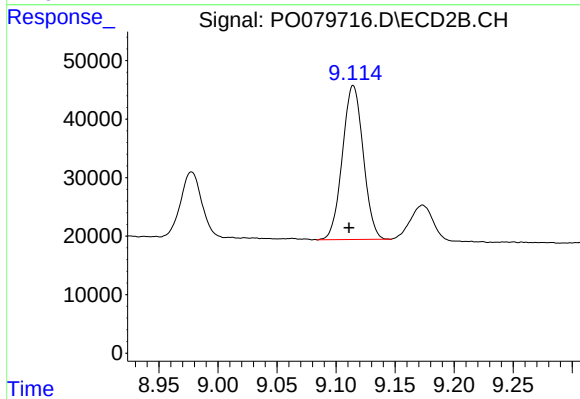
#39 AR-1262-4

R.T.: 8.598 min
Delta R.T.: 0.003 min
Response: 1015275
Conc: 425.11 ng/ml



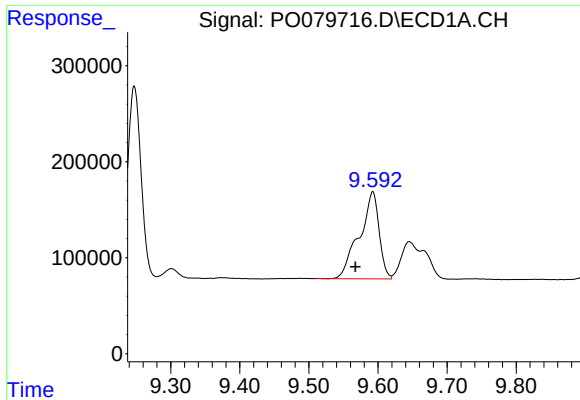
#40 AR-1262-5

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 672326
Conc: 303.10 ng/ml



#40 AR-1262-5

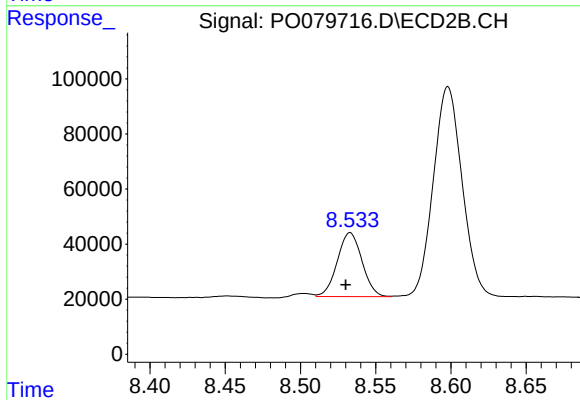
R.T.: 9.115 min
Delta R.T.: 0.003 min
Response: 322856
Conc: 286.54 ng/ml



#41 AR-1268-1

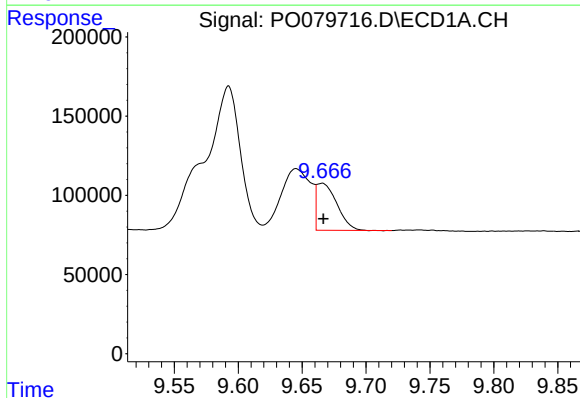
R.T.: 9.592 min
Delta R.T.: 0.025 min
Response: 1800706
Conc: 234.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



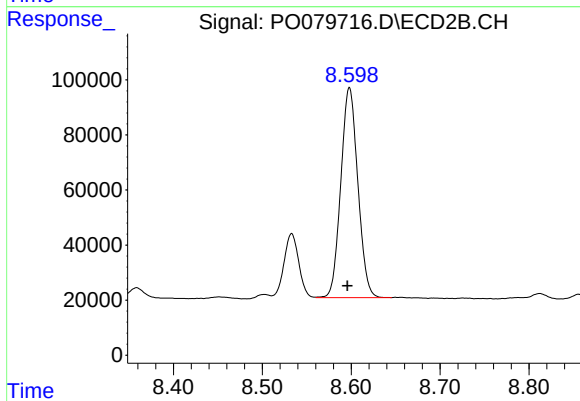
#41 AR-1268-1

R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 265677
Conc: 72.20 ng/ml



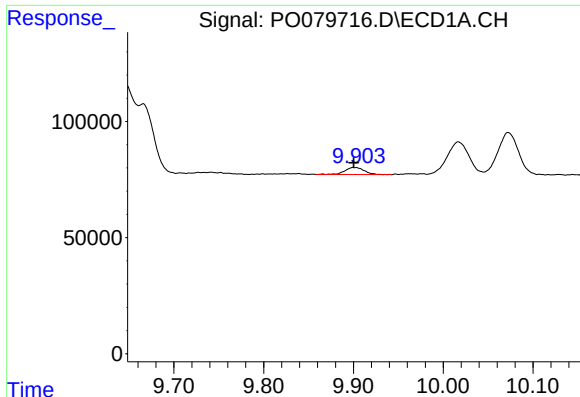
#42 AR-1268-2

R.T.: 9.666 min
Delta R.T.: 0.000 min
Response: 326958
Conc: 46.86 ng/ml



#42 AR-1268-2

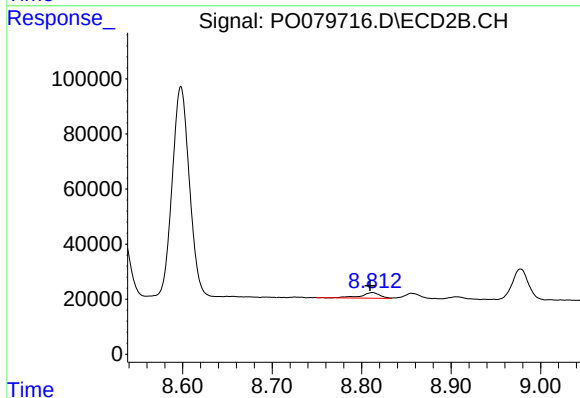
R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 1015275
Conc: 309.06 ng/ml



#43 AR-1268-3

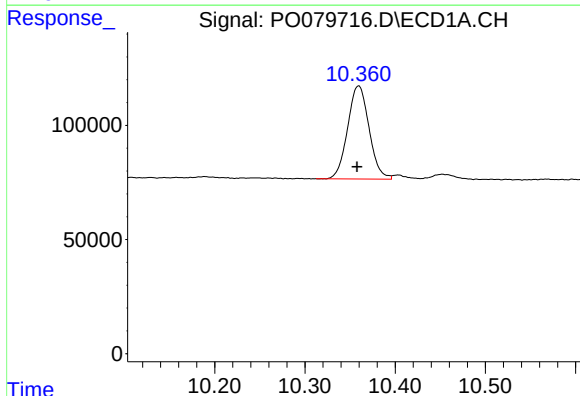
R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 46844
Conc: 7.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



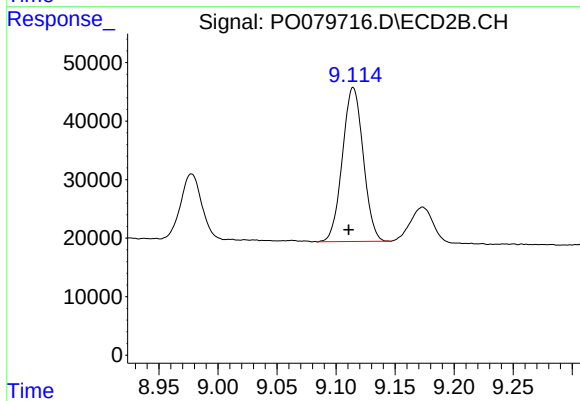
#43 AR-1268-3

R.T.: 8.812 min
Delta R.T.: 0.002 min
Response: 31022
Conc: 10.93 ng/ml



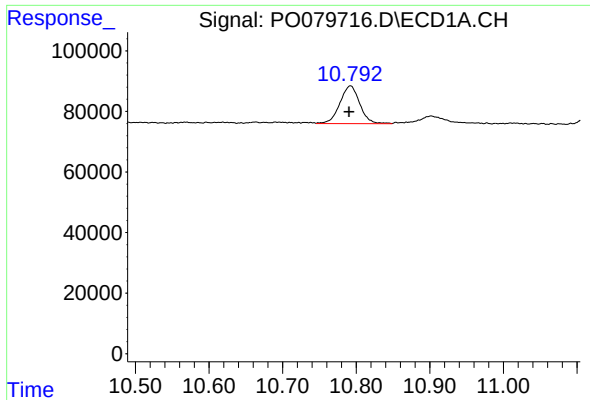
#44 AR-1268-4

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 672326
Conc: 246.44 ng/ml



#44 AR-1268-4

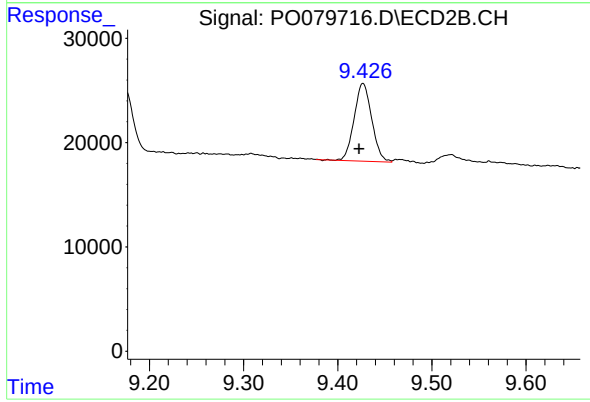
R.T.: 9.115 min
Delta R.T.: 0.004 min
Response: 322856
Conc: 253.66 ng/ml



#45 AR-1268-5

R.T.: 10.792 min
Delta R.T.: 0.002 min
Response: 233370
Conc: 11.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.427 min
Delta R.T.: 0.004 min
Response: 97186
Conc: 11.44 ng/ml