

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030420\
 Data File : P0066950.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Mar 2020 19:32
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 07:11:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 04 13:48:03 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...	4.119	3.402	2943260	2582771	55.212	55.709
2)	SA Decachlor...	9.588	8.283	2520312	2391203	45.776	46.251
Target Compounds							
3)	L1 AR-1016-1	5.266	4.455	982289	750907	512.066	541.036
4)	L1 AR-1016-2	5.288	4.471	1506474	1511730	496.885	531.531
5)	L1 AR-1016-3	5.348	4.644	880670	674350	512.479	540.726
6)	L1 AR-1016-4	5.445	4.686	739660	556746	498.803	536.770
7)	L1 AR-1016-5	5.734	4.894	681506	693545	489.950	522.493
8)	L2 AR-1221-1	4.322	3.608	83039	80160	148.204	186.656 #
9)	L2 AR-1221-2	4.412	3.693	126951	119472	292.839	381.995 #
10)	L2 AR-1221-3	4.486	3.765	484706	432083	404.410	424.954
11)	L3 AR-1232-1	4.486	3.765	484706	432083	519.896	537.256
12)	L3 AR-1232-2	5.002	4.471	695393	1511730	1389.618	1549.142
13)	L3 AR-1232-3	5.288	4.644	1506474	674350	1444.383	1596.540
14)	L3 AR-1232-4	5.445	4.726	739660	663687	1545.323	1752.074
15)	L3 AR-1232-5	5.535	4.894	576444	693545	1673.713	1590.692
16)	L4 AR-1242-1	5.266	4.455	982289	750907	841.839	888.498
17)	L4 AR-1242-2	5.288	4.471	1506474	1511730	802.171	872.456
18)	L4 AR-1242-3	5.348	4.644	880670	674350	816.303	847.322
19)	L4 AR-1242-4	5.445	4.726	739660	663687	814.822	861.820
20)	L4 AR-1242-5	6.171	5.239	175958	506211	168.493	505.393 #
21)	L5 AR-1248-1	5.266	4.455	982289	750907	1054.407	1083.812
22)	L5 AR-1248-2	5.535	4.686	576444	556746	455.813	504.353
23)	L5 AR-1248-3	5.734	4.726	681506	663687	452.134	588.249 #
24)	L5 AR-1248-4	6.133	4.894	174949	693545	96.152	493.306 #
25)	L5 AR-1248-5	6.171	5.280	175958	94161	99.983	68.295 #
26)	L6 AR-1254-1	6.105	5.239	525096	506211	283.975	224.415
27)	L6 AR-1254-2	6.321	5.385	624523	463560	206.479	235.073
28)	L6 AR-1254-3	6.685	5.795	326555	878235	104.845	273.926 #
29)	L6 AR-1254-4	6.967	6.009	300157	104196	117.906	58.873 #
30)	L6 AR-1254-5	7.381	6.420	1978695	1639526	734.904	545.805 #
31)	L7 AR-1260-1	6.845	5.909	1285908	1219043	458.970	464.651
32)	L7 AR-1260-2	7.101	6.098	2037008	1524520	493.742	467.609
33)	L7 AR-1260-3	7.455	6.247	1627351	1414079	455.555	469.138
34)	L7 AR-1260-4	7.679	6.713	1507973	1205611	468.486	458.505
35)	L7 AR-1260-5	7.985	6.957	3541550	2980225	505.631	484.755
36)	L8 AR-1262-1	7.455	6.420	1627351	1639526	377.824	1122.393 #
37)	L8 AR-1262-2	7.985	6.957	3541550	2980225	528.886	541.192
38)	L8 AR-1262-3	8.279	7.234	2030225	665302	474.375	287.385 #
39)	L8 AR-1262-4	8.346	7.298	593636	2157201	176.877	488.789 #
40)	L8 AR-1262-5	8.934	7.791	903901	775490	432.848	407.872
41)	L9 AR-1268-1	8.279	7.234	2030225	665302	232.992	94.643 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030420\
Data File : P0066950.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Mar 2020 19:32
Operator : DD\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

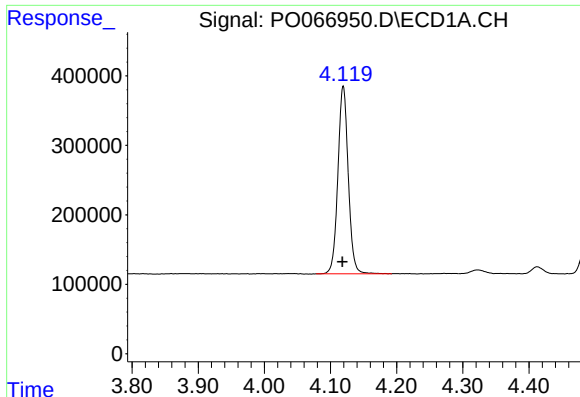
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 07:11:19 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 04 13:48:03 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
42)	L9 AR-1268-2	8.346	7.298	593636	2157201	79.437	324.227 #
43)	L9 AR-1268-3	8.549	7.498	85472	43483	13.291	7.855 #
44)	L9 AR-1268-4	8.934	7.791	903901	775490	372.818	337.202
45)	L9 AR-1268-5	9.297	8.059	264680	220084	13.941	12.609

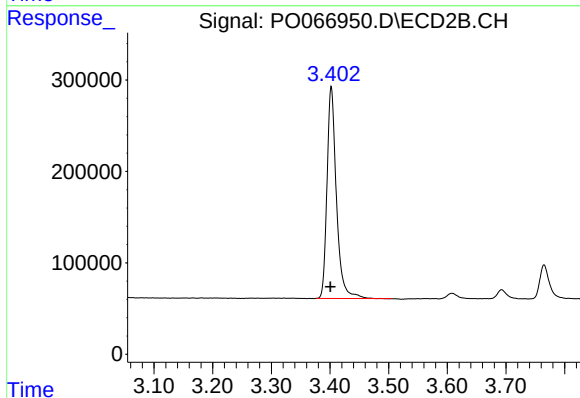
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

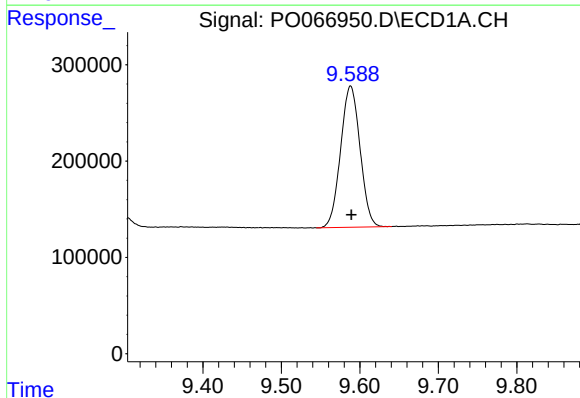
R.T.: 4.119 min
Delta R.T.: 0.001 min
Response: 2943260
Conc: 55.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



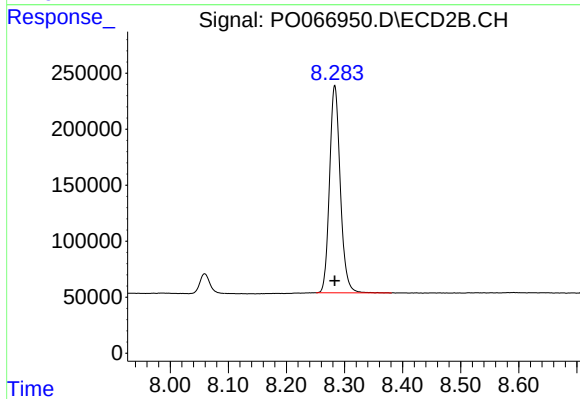
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: 0.001 min
Response: 2582771
Conc: 55.71 ng/ml



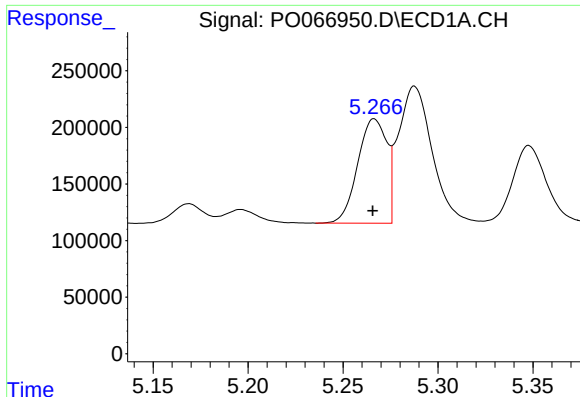
#2 Decachlorobiphenyl

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 2520312
Conc: 45.78 ng/ml



#2 Decachlorobiphenyl

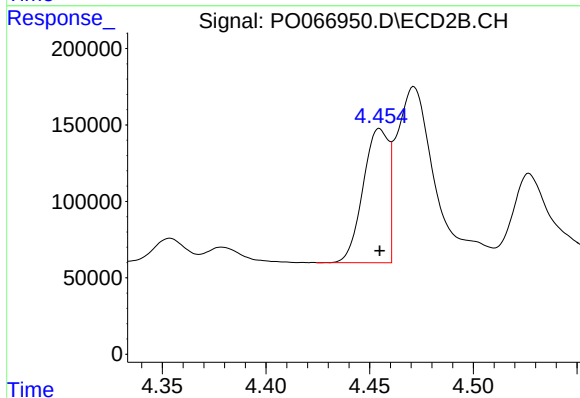
R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 2391203
Conc: 46.25 ng/ml



#3 AR-1016-1

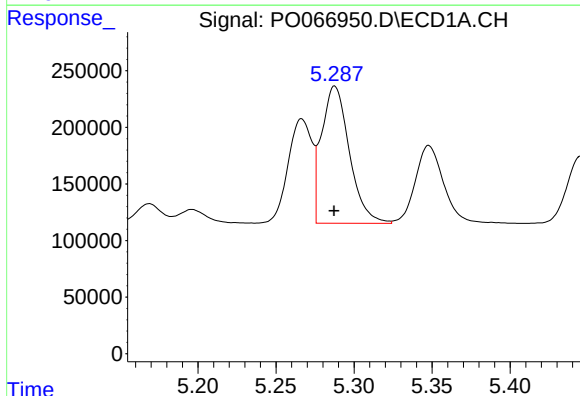
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 982289
Conc: 512.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



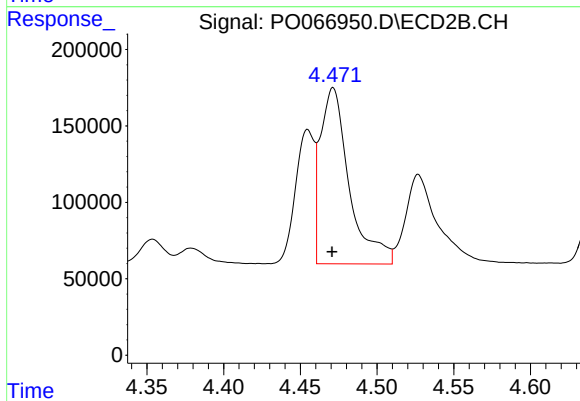
#3 AR-1016-1

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 750907
Conc: 541.04 ng/ml



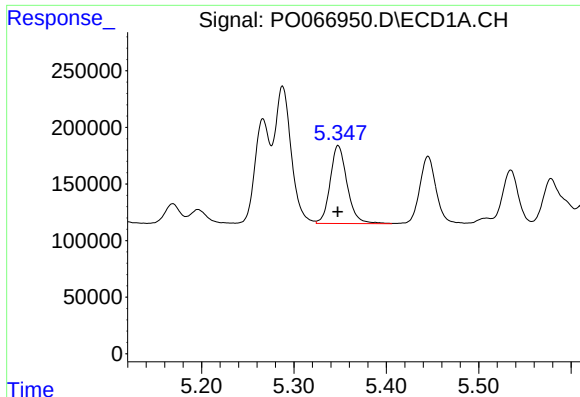
#4 AR-1016-2

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 1506474
Conc: 496.89 ng/ml



#4 AR-1016-2

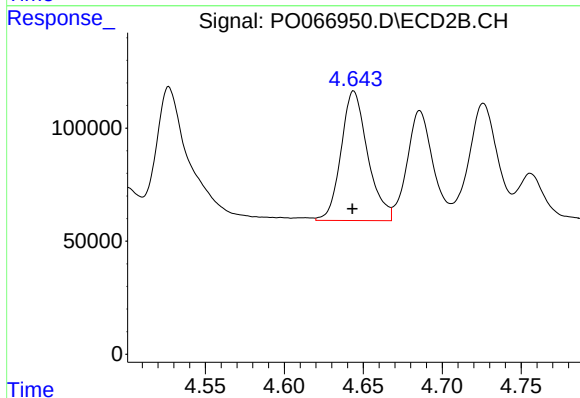
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1511730
Conc: 531.53 ng/ml



#5 AR-1016-3

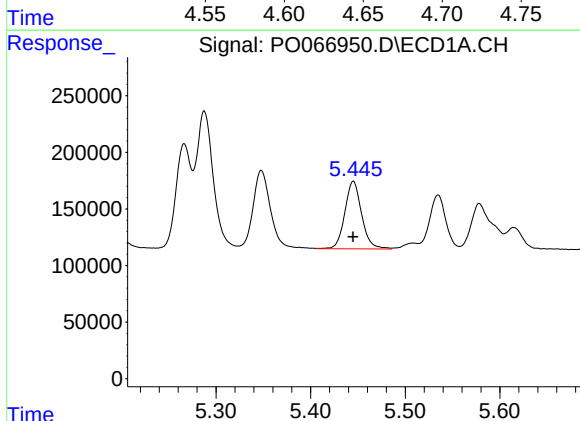
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 880670
Conc: 512.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



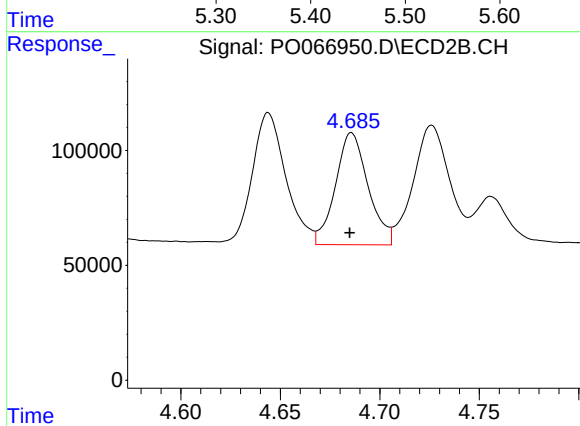
#5 AR-1016-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 674350
Conc: 540.73 ng/ml



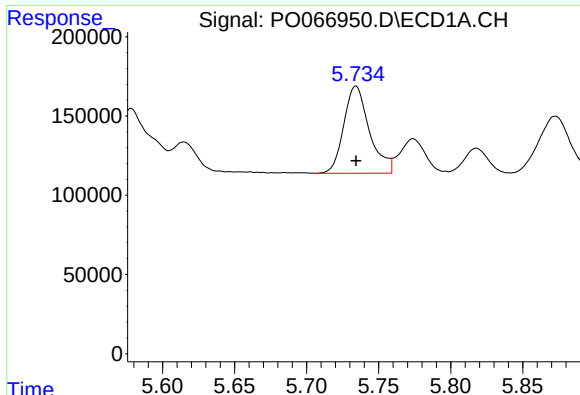
#6 AR-1016-4

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 739660
Conc: 498.80 ng/ml



#6 AR-1016-4

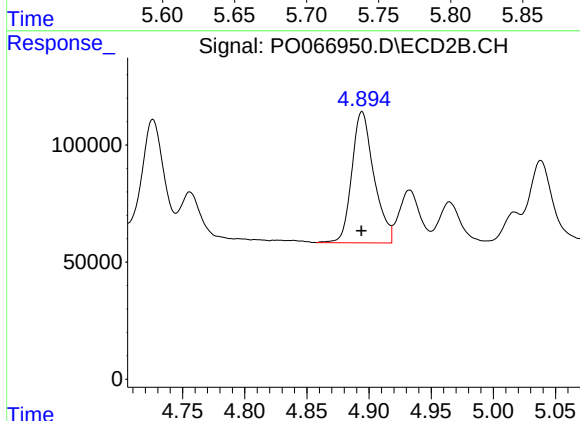
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 556746
Conc: 536.77 ng/ml



#7 AR-1016-5

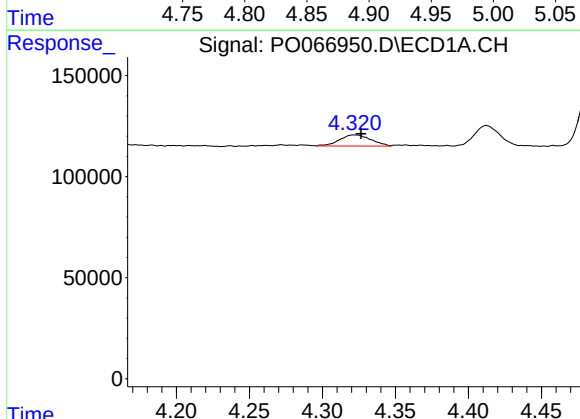
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 681506
Conc: 489.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



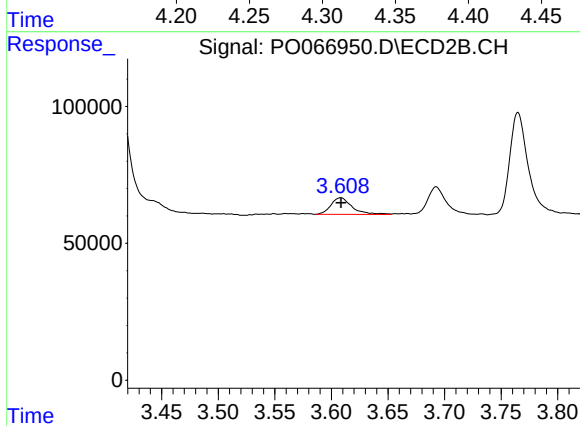
#7 AR-1016-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 693545
Conc: 522.49 ng/ml



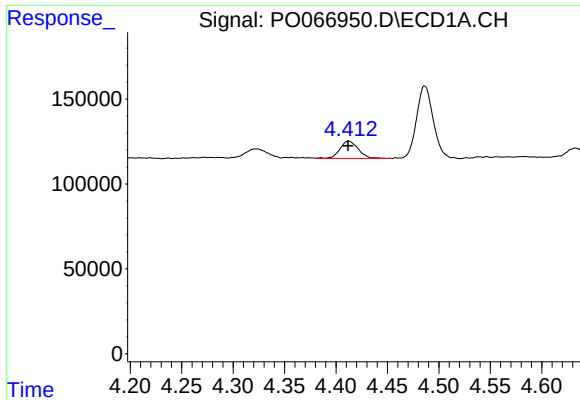
#8 AR-1221-1

R.T.: 4.322 min
Delta R.T.: -0.004 min
Response: 83039
Conc: 148.20 ng/ml



#8 AR-1221-1

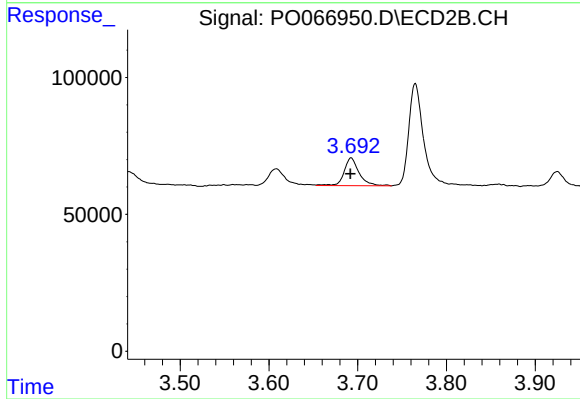
R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 80160
Conc: 186.66 ng/ml



#9 AR-1221-2

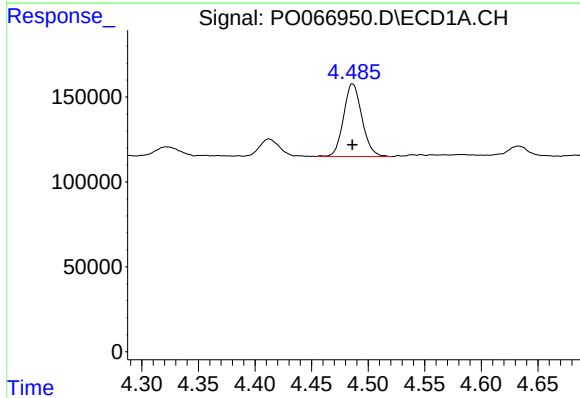
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 126951
Conc: 292.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



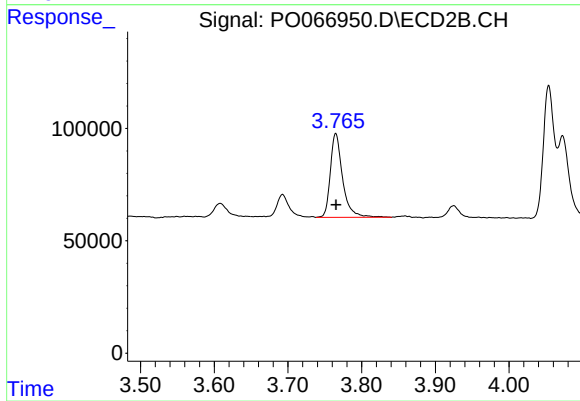
#9 AR-1221-2

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 119472
Conc: 381.99 ng/ml



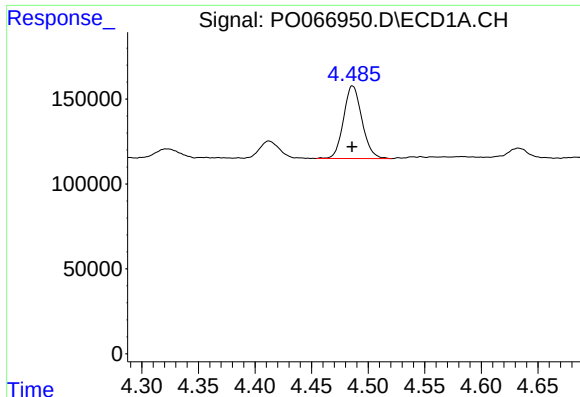
#10 AR-1221-3

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 484706
Conc: 404.41 ng/ml



#10 AR-1221-3

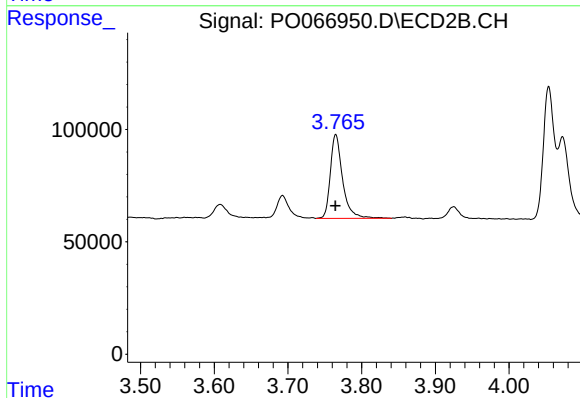
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 432083
Conc: 424.95 ng/ml



#11 AR-1232-1

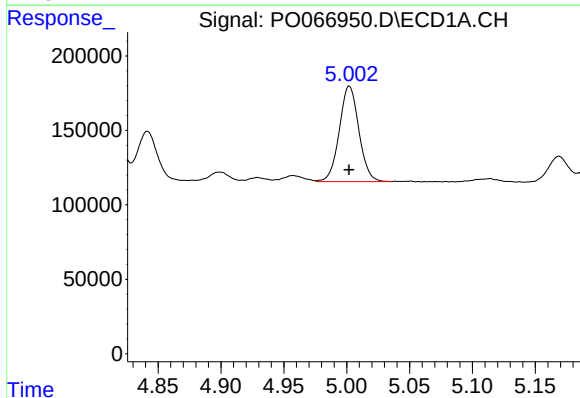
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 484706
Conc: 519.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



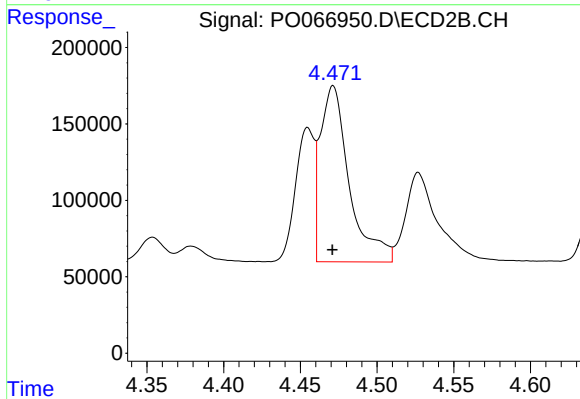
#11 AR-1232-1

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 432083
Conc: 537.26 ng/ml



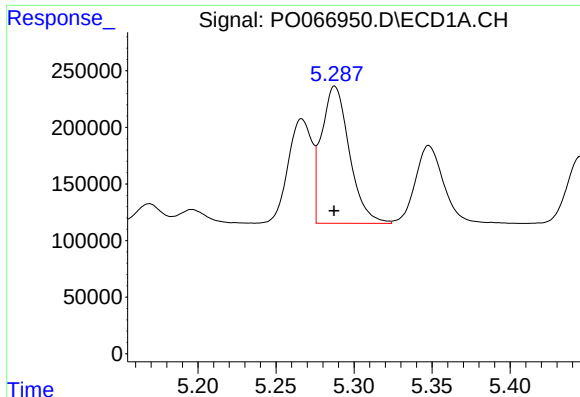
#12 AR-1232-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 695393
Conc: 1389.62 ng/ml



#12 AR-1232-2

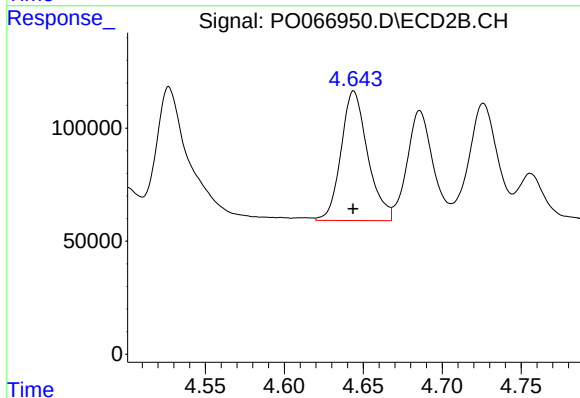
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1511730
Conc: 1549.14 ng/ml



#13 AR-1232-3

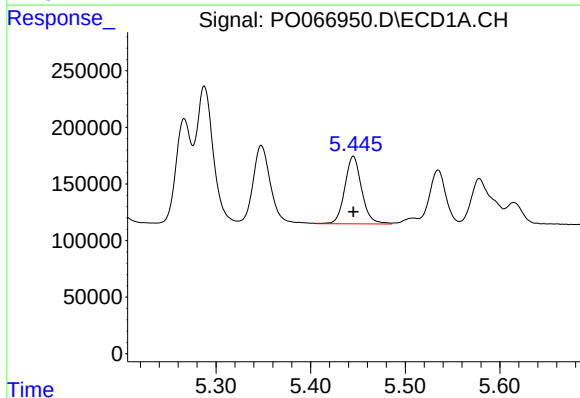
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 1506474
Conc: 1444.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



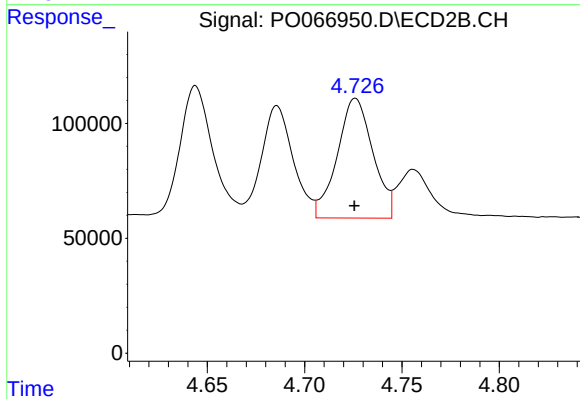
#13 AR-1232-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 674350
Conc: 1596.54 ng/ml



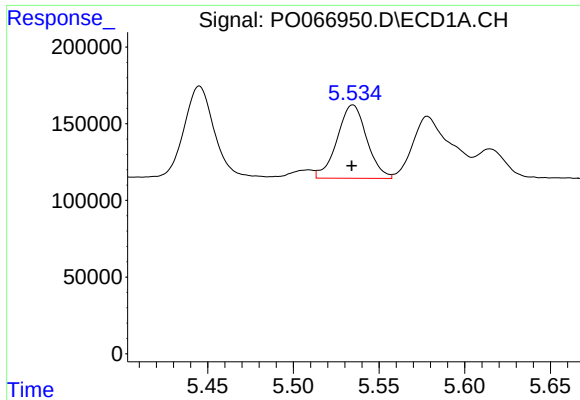
#14 AR-1232-4

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 739660
Conc: 1545.32 ng/ml



#14 AR-1232-4

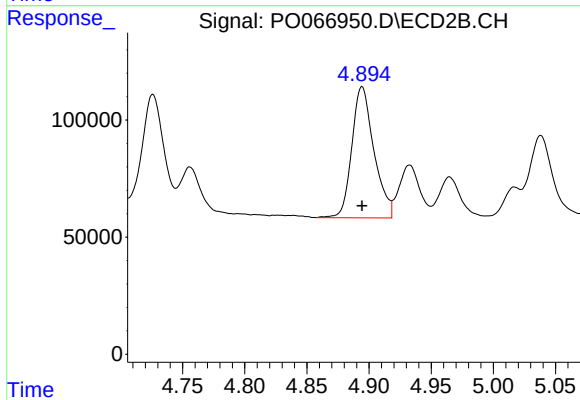
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 663687
Conc: 1752.07 ng/ml



#15 AR-1232-5

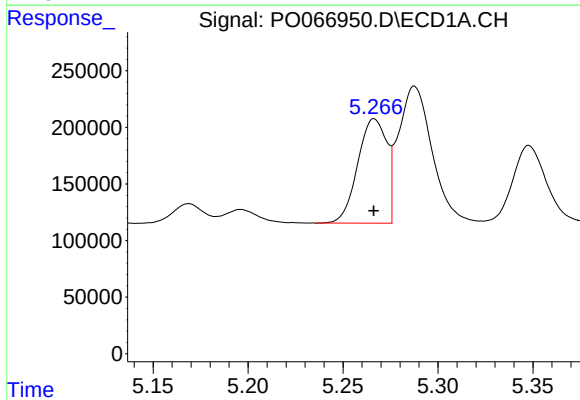
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 576444
Conc: 1673.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



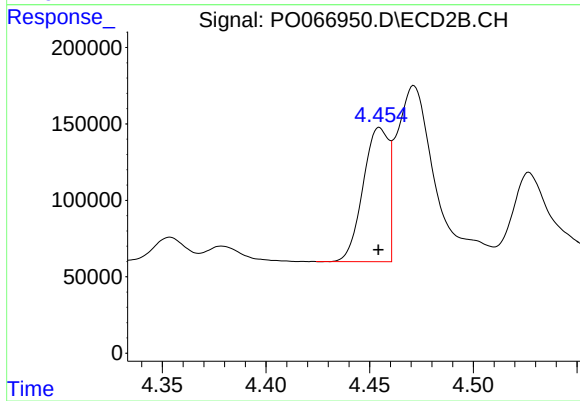
#15 AR-1232-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 693545
Conc: 1590.69 ng/ml



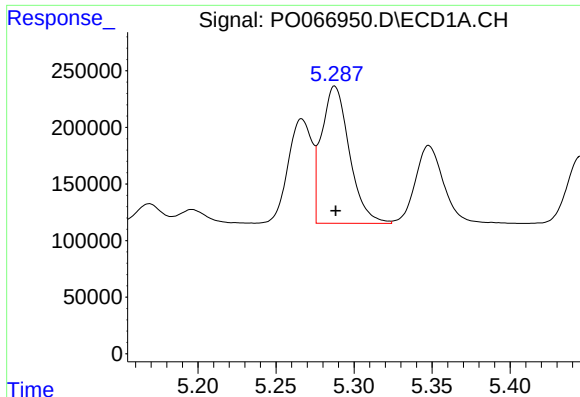
#16 AR-1242-1

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 982289
Conc: 841.84 ng/ml



#16 AR-1242-1

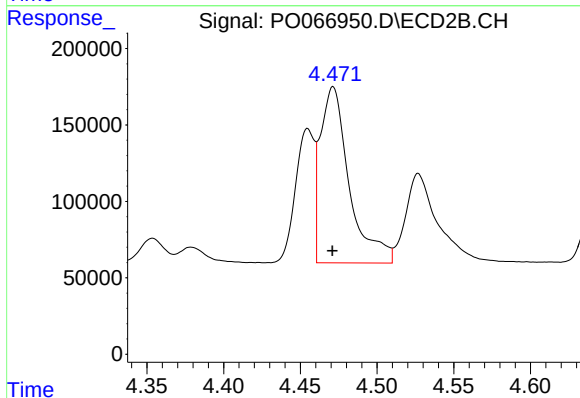
R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 750907
Conc: 888.50 ng/ml



#17 AR-1242-2

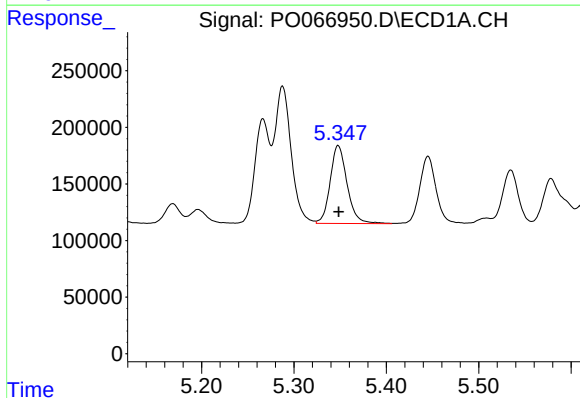
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 1506474
Conc: 802.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



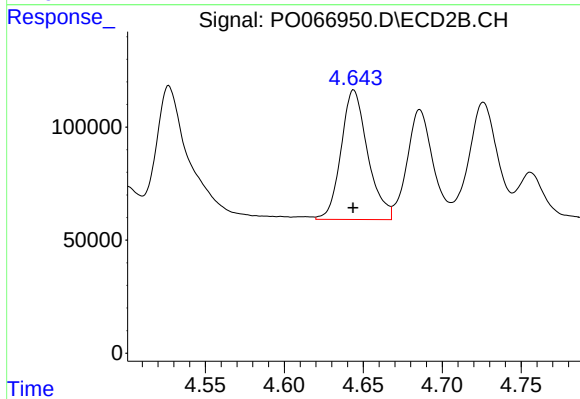
#17 AR-1242-2

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1511730
Conc: 872.46 ng/ml



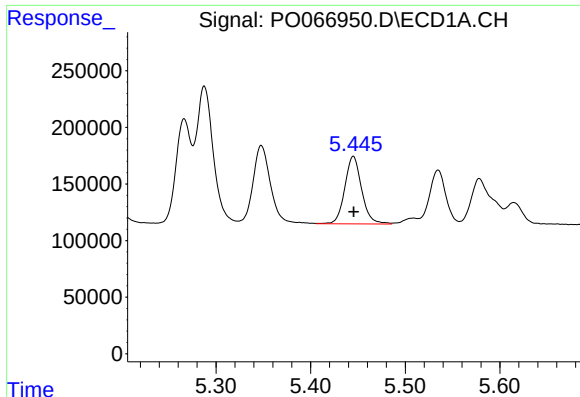
#18 AR-1242-3

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 880670
Conc: 816.30 ng/ml



#18 AR-1242-3

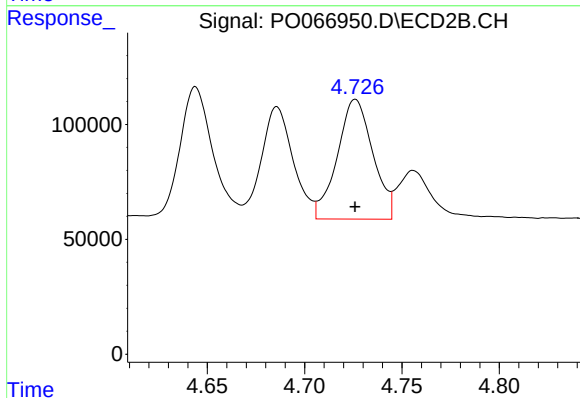
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 674350
Conc: 847.32 ng/ml



#19 AR-1242-4

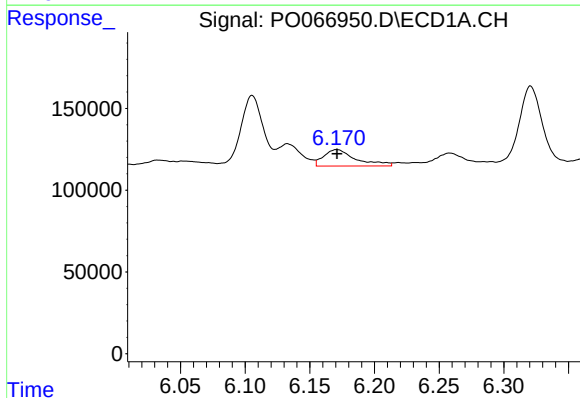
R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 739660
Conc: 814.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



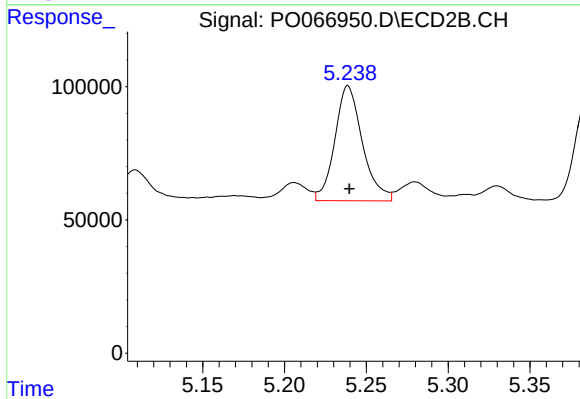
#19 AR-1242-4

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 663687
Conc: 861.82 ng/ml



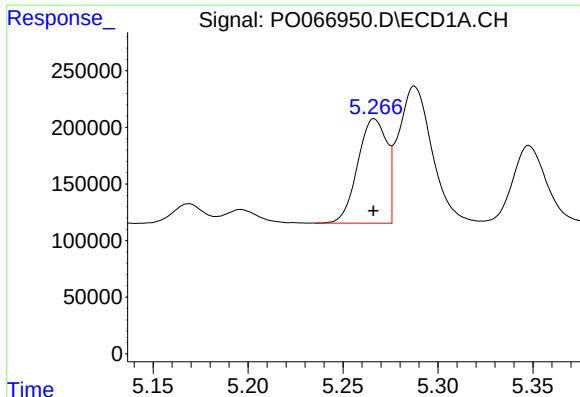
#20 AR-1242-5

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 175958
Conc: 168.49 ng/ml



#20 AR-1242-5

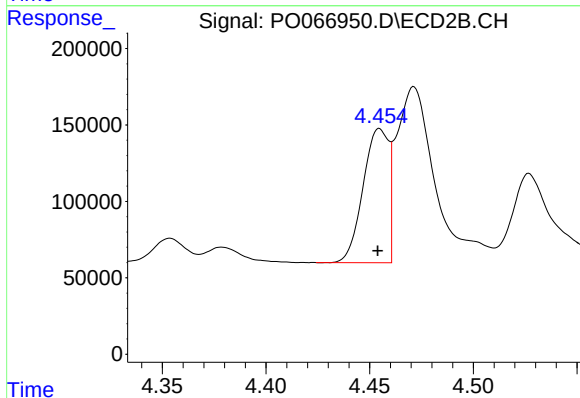
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 506211
Conc: 505.39 ng/ml



#21 AR-1248-1

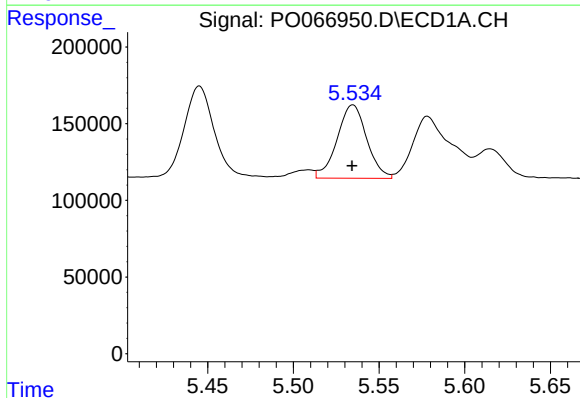
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 982289
Conc: 1054.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



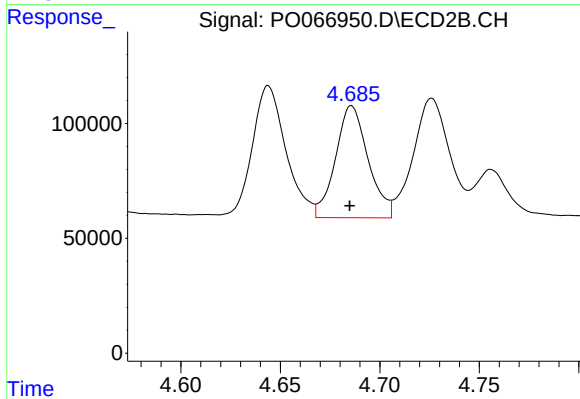
#21 AR-1248-1

R.T.: 4.455 min
Delta R.T.: 0.001 min
Response: 750907
Conc: 1083.81 ng/ml



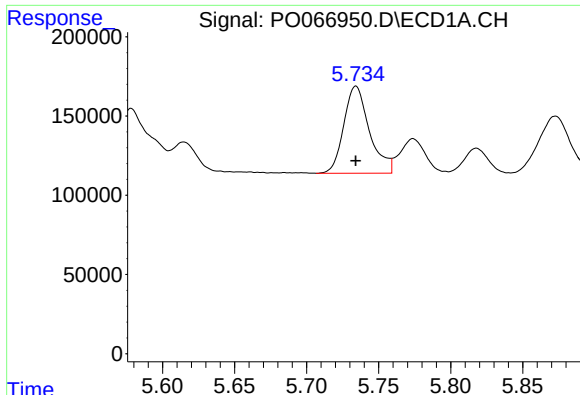
#22 AR-1248-2

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 576444
Conc: 455.81 ng/ml



#22 AR-1248-2

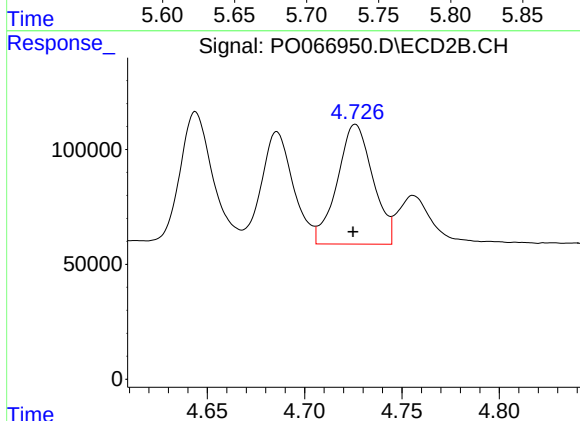
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 556746
Conc: 504.35 ng/ml



#23 AR-1248-3

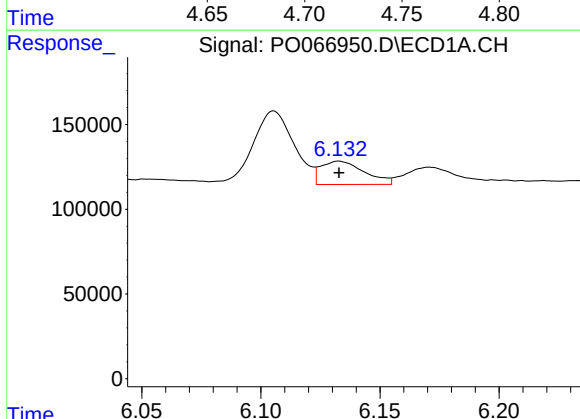
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 681506
Conc: 452.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



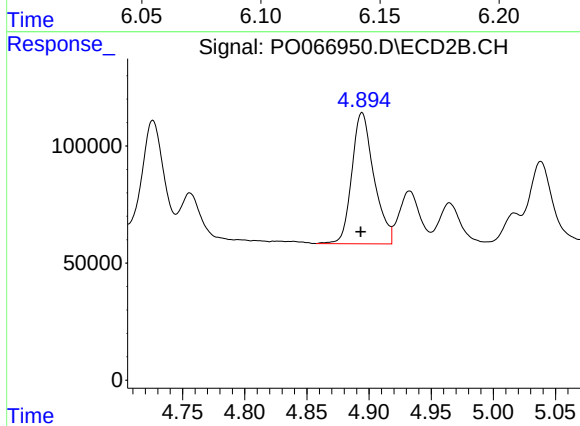
#23 AR-1248-3

R.T.: 4.726 min
Delta R.T.: 0.001 min
Response: 663687
Conc: 588.25 ng/ml



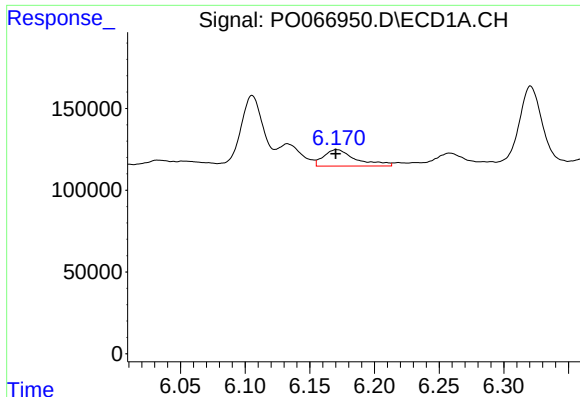
#24 AR-1248-4

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 174949
Conc: 96.15 ng/ml



#24 AR-1248-4

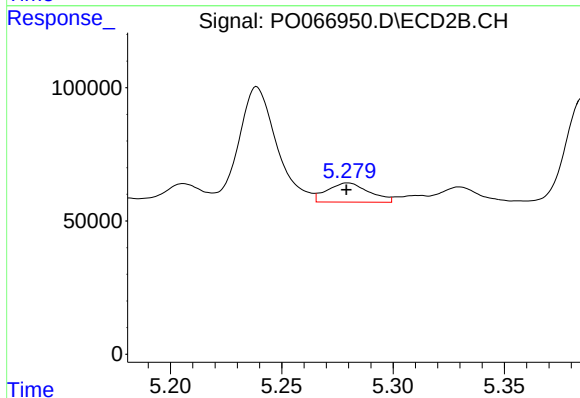
R.T.: 4.894 min
Delta R.T.: 0.001 min
Response: 693545
Conc: 493.31 ng/ml



#25 AR-1248-5

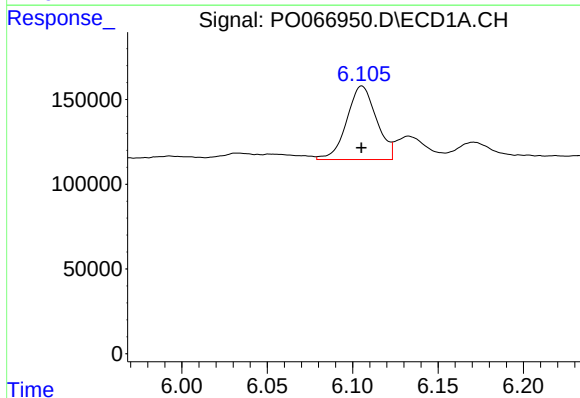
R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 175958
Conc: 99.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



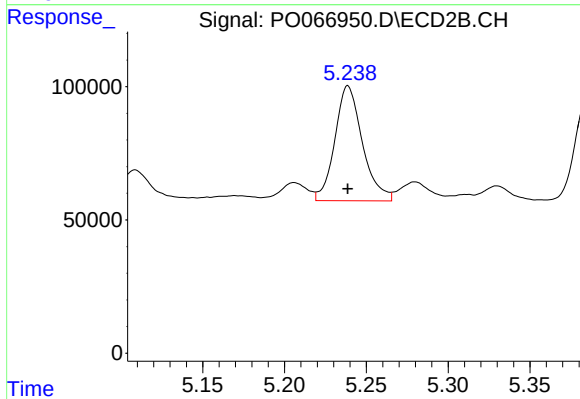
#25 AR-1248-5

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 94161
Conc: 68.30 ng/ml



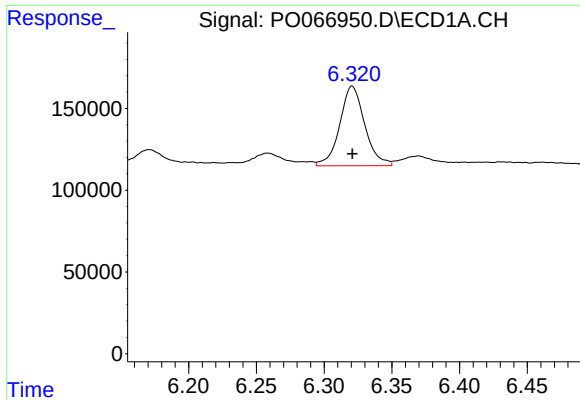
#26 AR-1254-1

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 525096
Conc: 283.98 ng/ml



#26 AR-1254-1

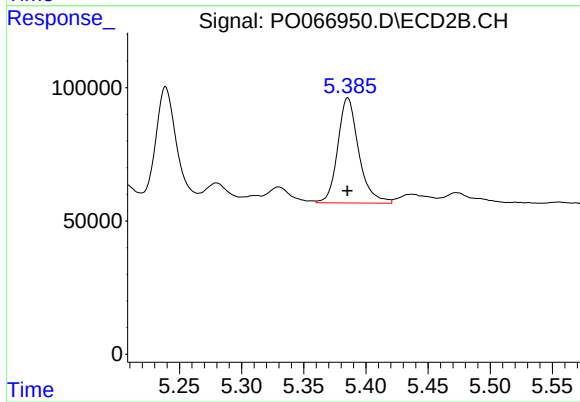
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 506211
Conc: 224.41 ng/ml



#27 AR-1254-2

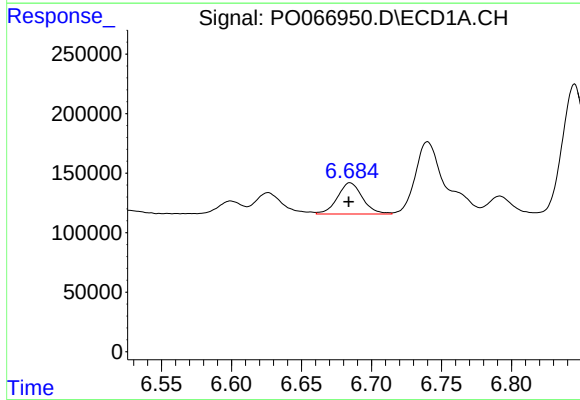
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 624523
Conc: 206.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



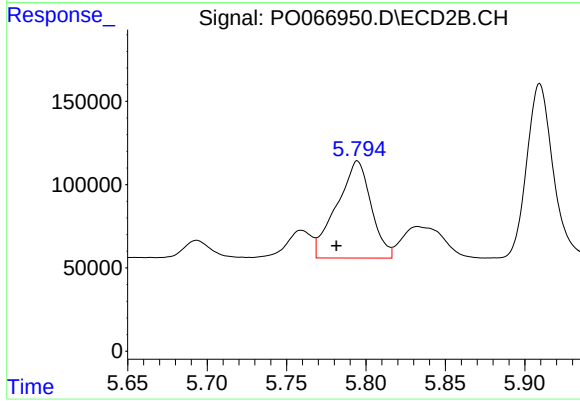
#27 AR-1254-2

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 463560
Conc: 235.07 ng/ml



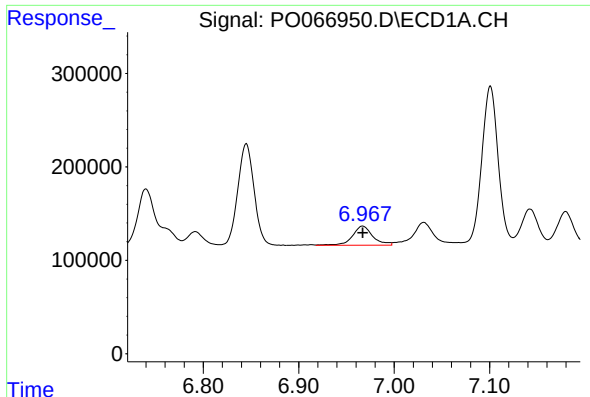
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: 0.001 min
Response: 326555
Conc: 104.85 ng/ml



#28 AR-1254-3

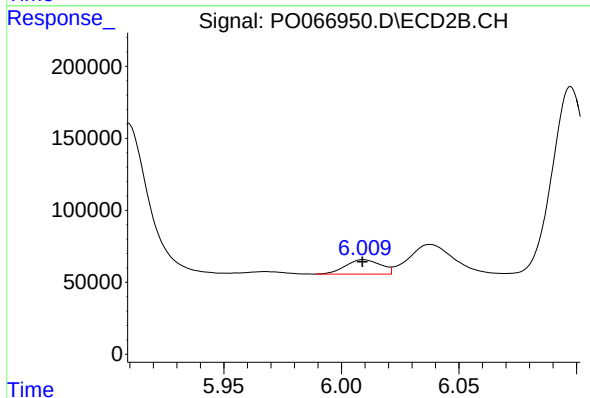
R.T.: 5.795 min
Delta R.T.: 0.013 min
Response: 878235
Conc: 273.93 ng/ml



#29 AR-1254-4

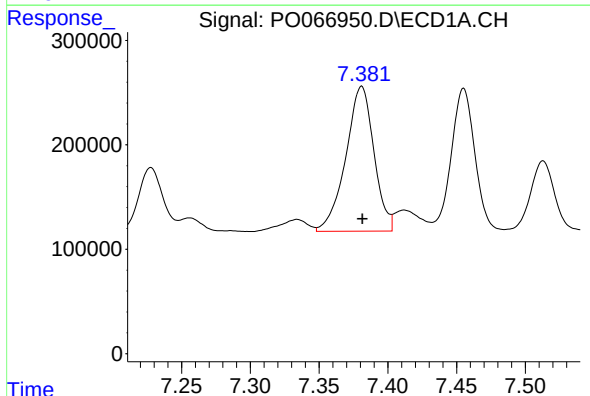
R.T.: 6.967 min
Delta R.T.: 0.000 min
Response: 300157
Conc: 117.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



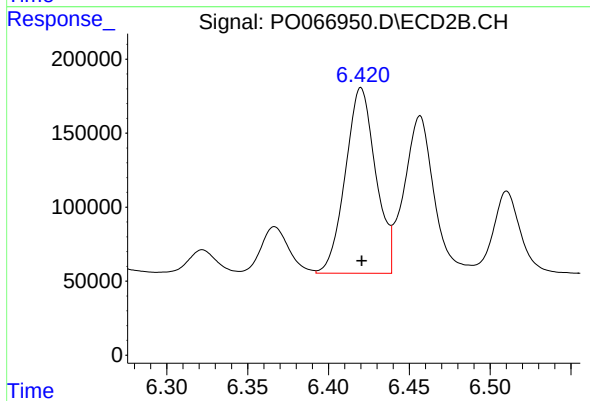
#29 AR-1254-4

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 104196
Conc: 58.87 ng/ml



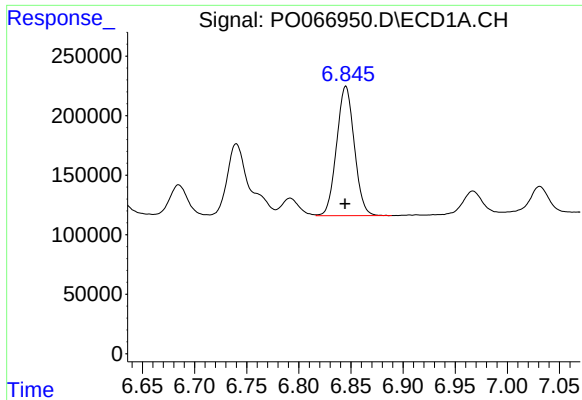
#30 AR-1254-5

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 1978695
Conc: 734.90 ng/ml



#30 AR-1254-5

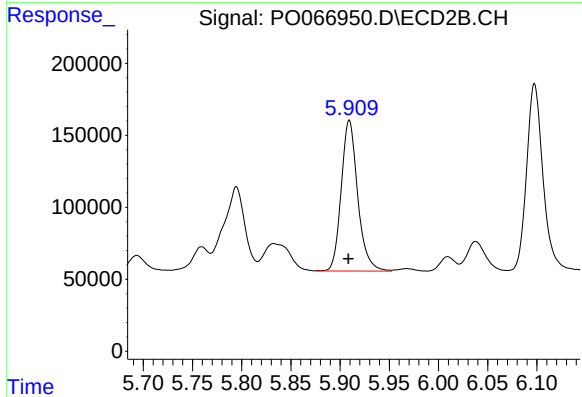
R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 1639526
Conc: 545.81 ng/ml



#31 AR-1260-1

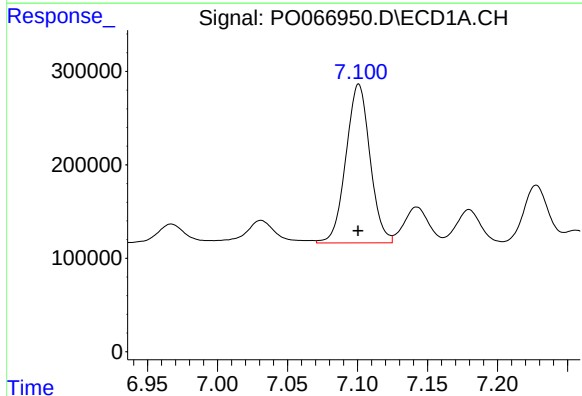
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 1285908
Conc: 458.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



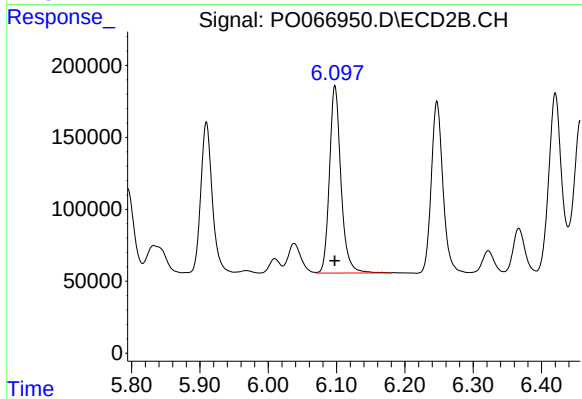
#31 AR-1260-1

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 1219043
Conc: 464.65 ng/ml



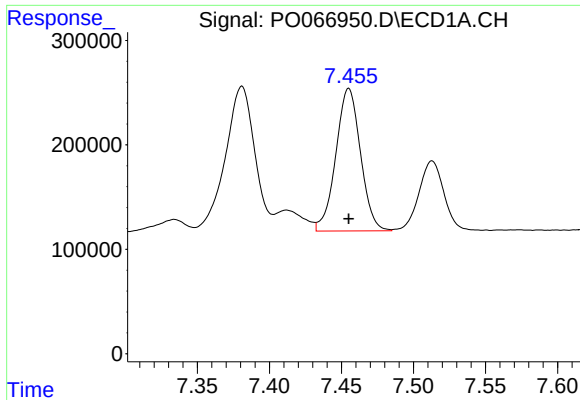
#32 AR-1260-2

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 2037008
Conc: 493.74 ng/ml



#32 AR-1260-2

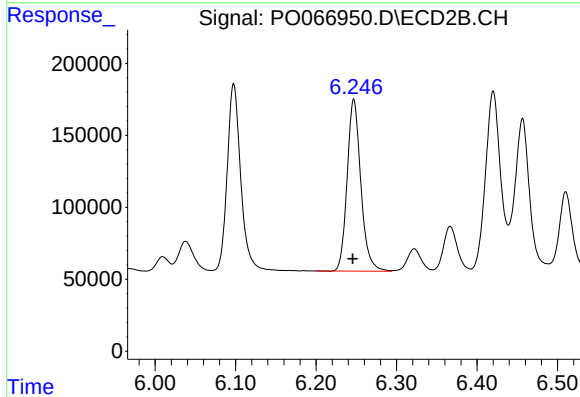
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 1524520
Conc: 467.61 ng/ml



#33 AR-1260-3

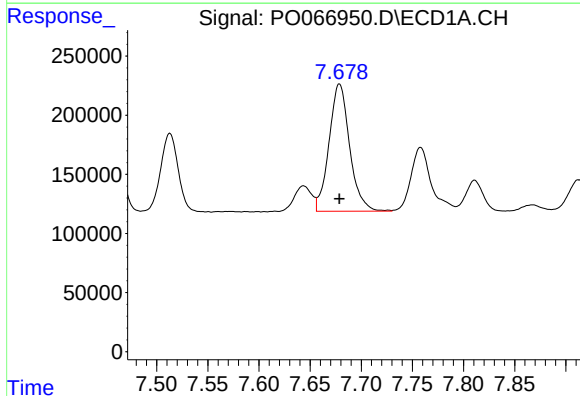
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1627351
Conc: 455.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



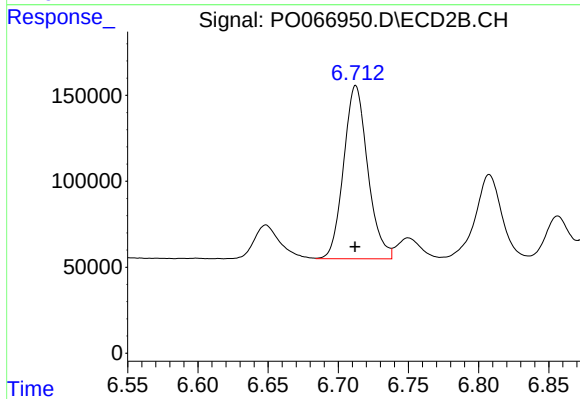
#33 AR-1260-3

R.T.: 6.247 min
Delta R.T.: 0.001 min
Response: 1414079
Conc: 469.14 ng/ml



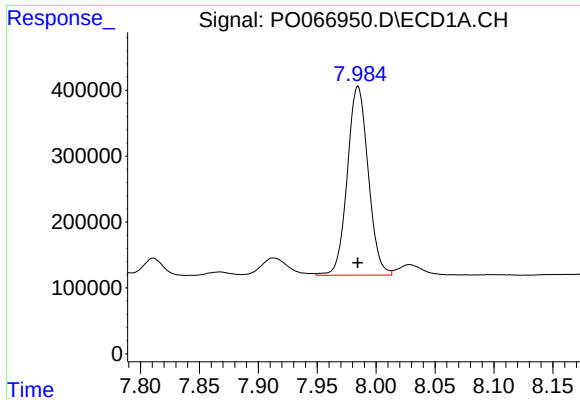
#34 AR-1260-4

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 1507973
Conc: 468.49 ng/ml



#34 AR-1260-4

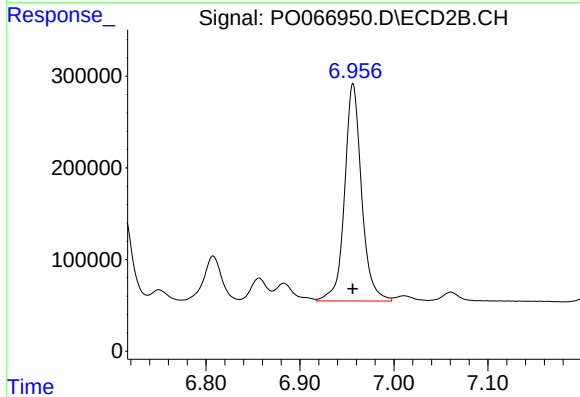
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1205611
Conc: 458.51 ng/ml



#35 AR-1260-5

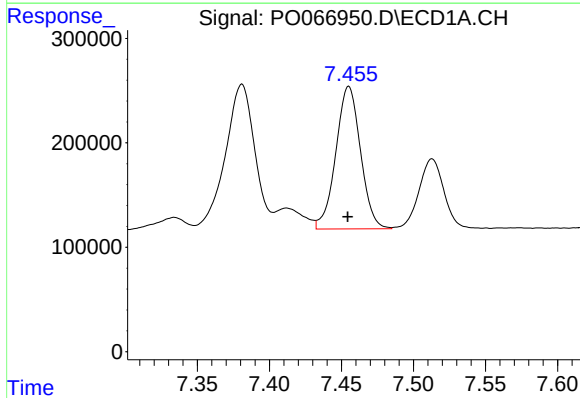
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 3541550
Conc: 505.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



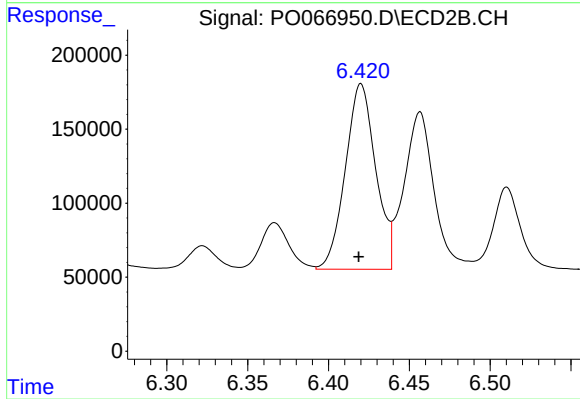
#35 AR-1260-5

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 2980225
Conc: 484.75 ng/ml



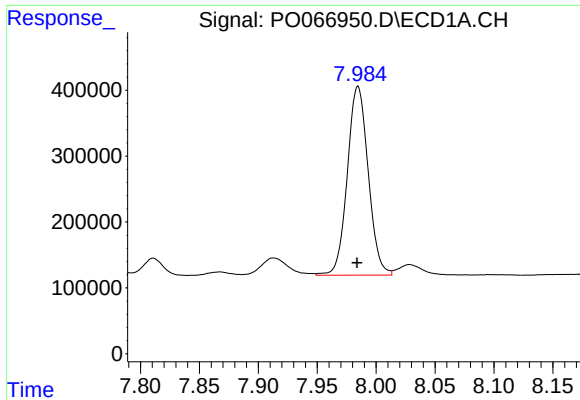
#36 AR-1262-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1627351
Conc: 377.82 ng/ml



#36 AR-1262-1

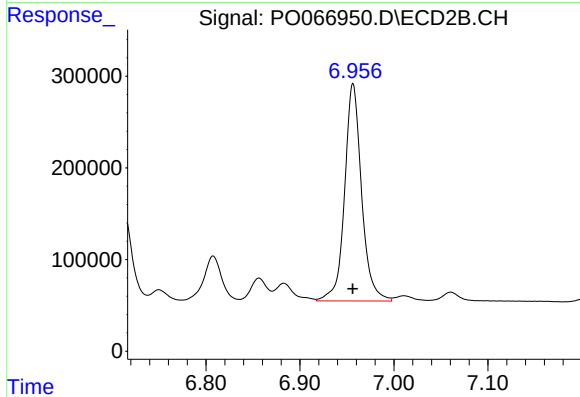
R.T.: 6.420 min
Delta R.T.: 0.001 min
Response: 1639526
Conc: 1122.39 ng/ml



#37 AR-1262-2

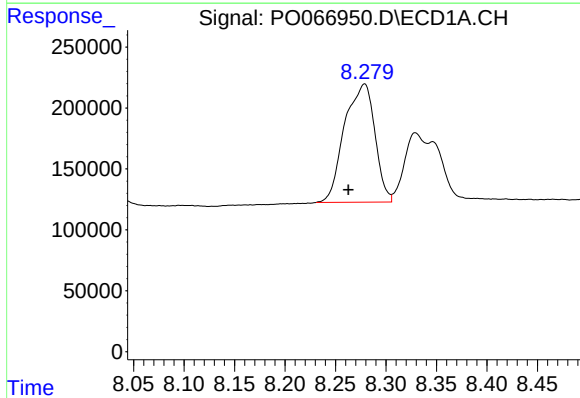
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 3541550
Conc: 528.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



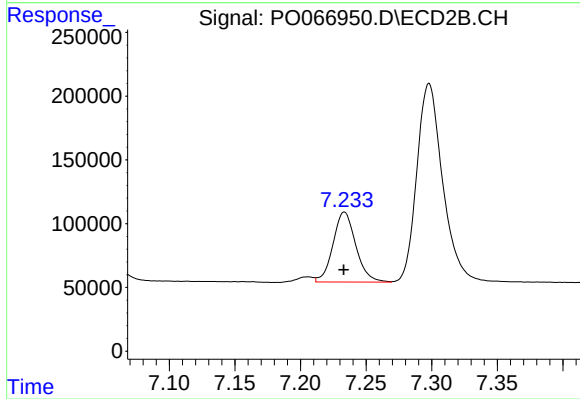
#37 AR-1262-2

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 2980225
Conc: 541.19 ng/ml



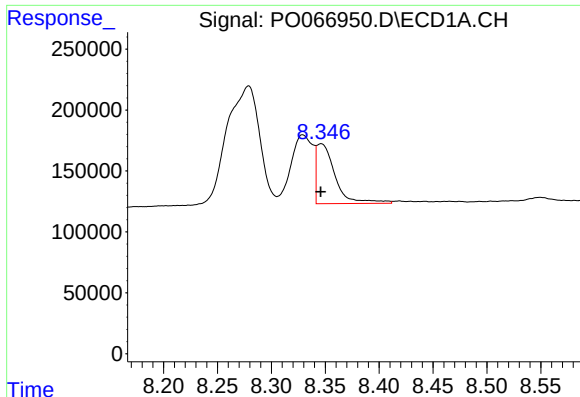
#38 AR-1262-3

R.T.: 8.279 min
Delta R.T.: 0.016 min
Response: 2030225
Conc: 474.38 ng/ml



#38 AR-1262-3

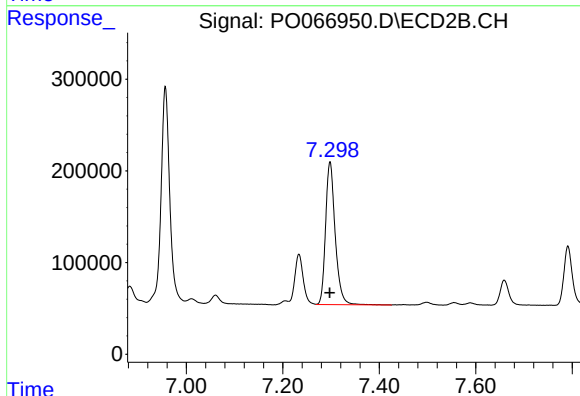
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 665302
Conc: 287.38 ng/ml



#39 AR-1262-4

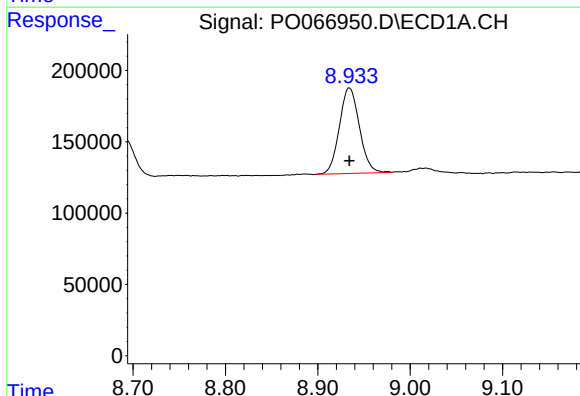
R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 593636
Conc: 176.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



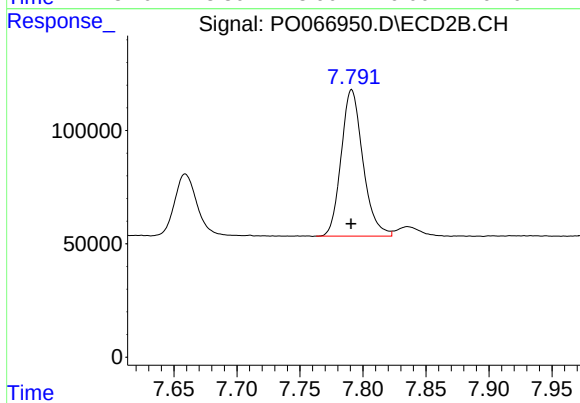
#39 AR-1262-4

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2157201
Conc: 488.79 ng/ml



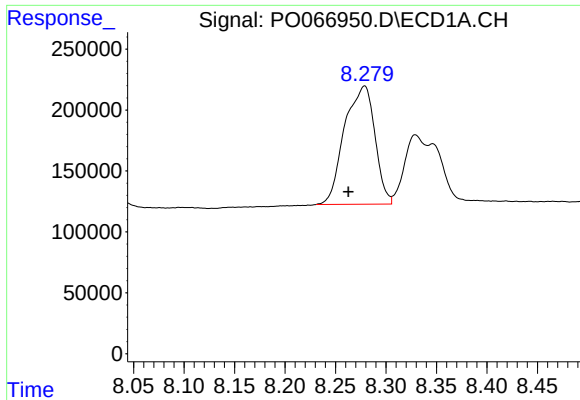
#40 AR-1262-5

R.T.: 8.934 min
Delta R.T.: 0.000 min
Response: 903901
Conc: 432.85 ng/ml



#40 AR-1262-5

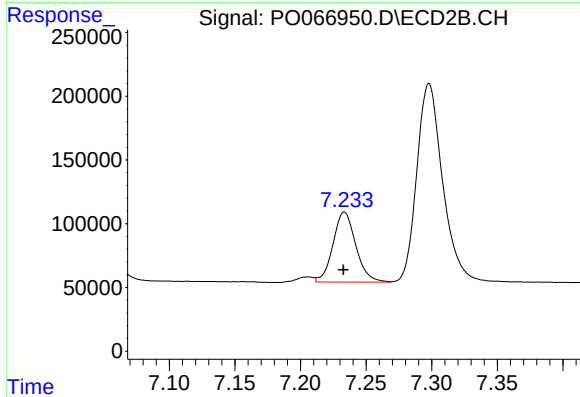
R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 775490
Conc: 407.87 ng/ml



#41 AR-1268-1

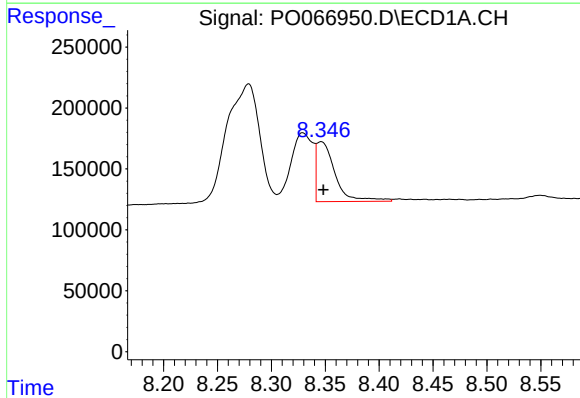
R.T.: 8.279 min
Delta R.T.: 0.016 min
Response: 2030225
Conc: 232.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



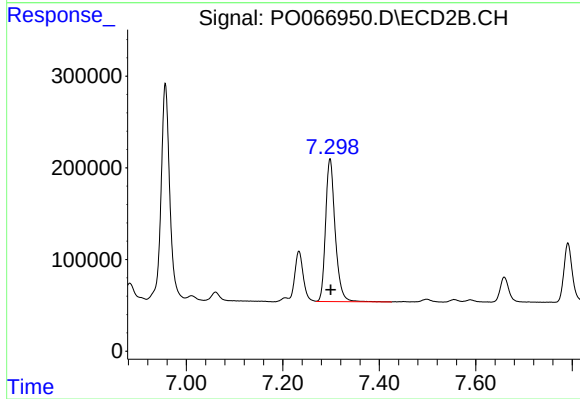
#41 AR-1268-1

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 665302
Conc: 94.64 ng/ml



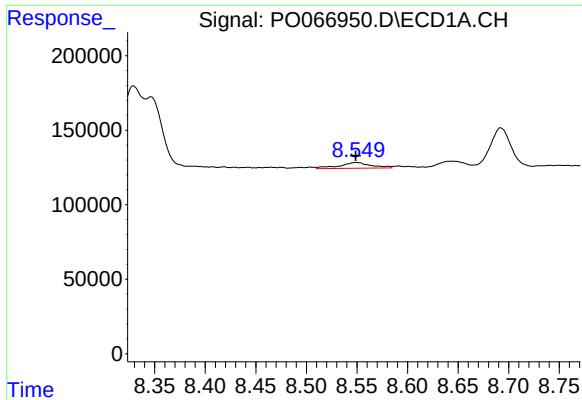
#42 AR-1268-2

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 593636
Conc: 79.44 ng/ml



#42 AR-1268-2

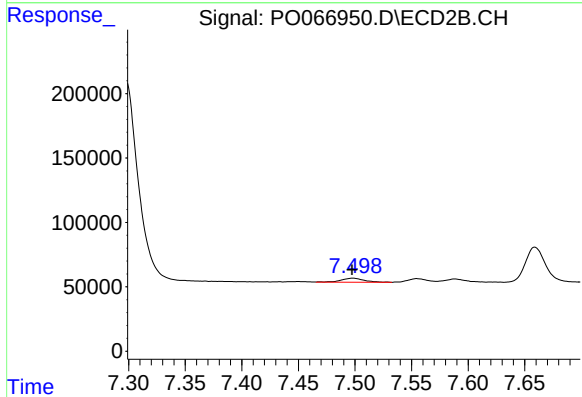
R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 2157201
Conc: 324.23 ng/ml



#43 AR-1268-3

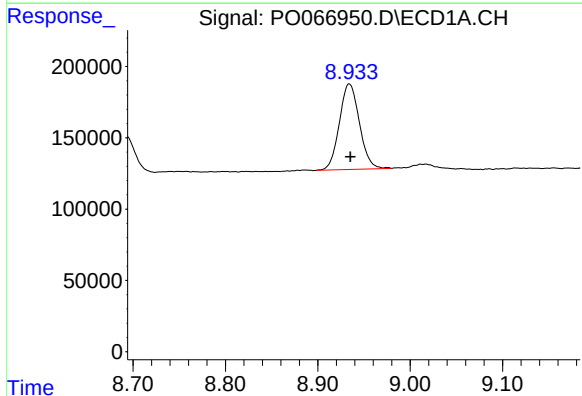
R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 85472
Conc: 13.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



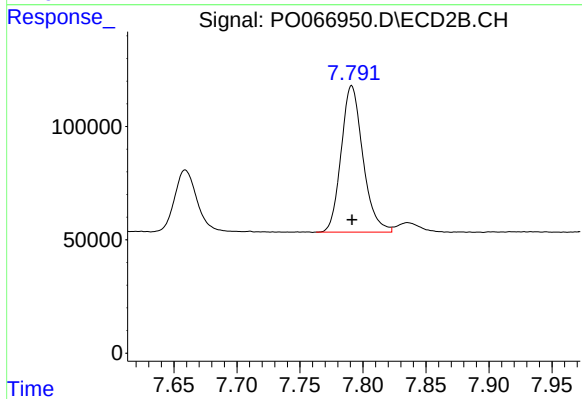
#43 AR-1268-3

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 43483
Conc: 7.86 ng/ml



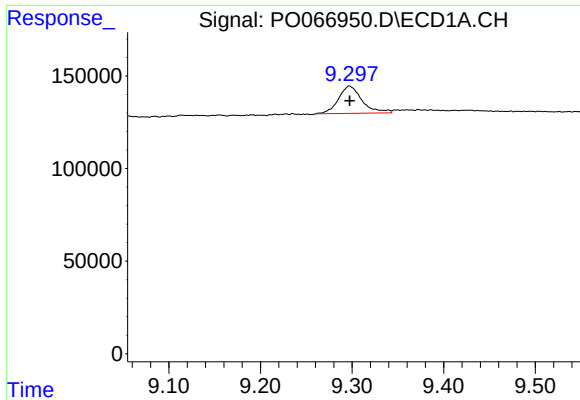
#44 AR-1268-4

R.T.: 8.934 min
Delta R.T.: -0.001 min
Response: 903901
Conc: 372.82 ng/ml



#44 AR-1268-4

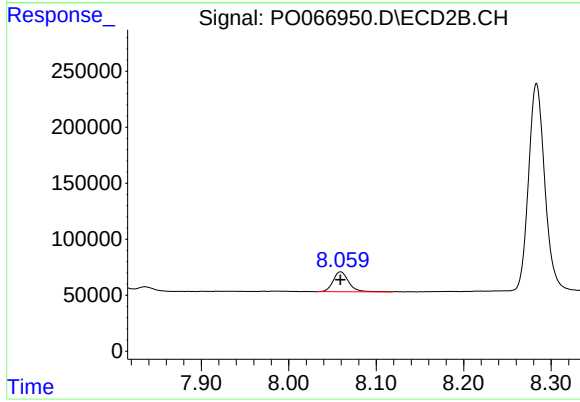
R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 775490
Conc: 337.20 ng/ml



#45 AR-1268-5

R.T.: 9.297 min
Delta R.T.: 0.000 min
Response: 264680
Conc: 13.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 220084
Conc: 12.61 ng/ml