

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102919\
 Data File : PO063257.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2019 23:31
 Operator : HP/AJ
 Sample : K5428-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 445X-9B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 09:11:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 2019
 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...	4.317	3.479	1149397	1185766	19.722	21.712
2)	SA Decachlor...	9.932	8.320	747892	559647	12.854	13.090
Target Compounds							
3)	L1 AR-1016-1	5.407	4.463	165104	44929	75.522	23.981 #
5)	L1 AR-1016-3	0.000	4.750	0	77579	N.D.	55.898 #
6)	L1 AR-1016-4	0.000	4.750	0	77579	N.D.	69.461 #
7)	L1 AR-1016-5	0.000	4.962	0	68770	N.D.	45.648 #
10)	L2 AR-1221-3	0.000	3.893	0	77555	N.D.	63.072 #
11)	L3 AR-1232-1	0.000	3.893	0	77555	N.D.	45.439 #
13)	L3 AR-1232-3	0.000	4.750	0	77579	N.D.	80.191 #
14)	L3 AR-1232-4	0.000	4.790	0	21743	N.D.	26.188 #
15)	L3 AR-1232-5	5.747	4.962	75397	68770	94.027	73.475
16)	L4 AR-1242-1	0.000	4.463	0	44929	N.D.	32.513 #
18)	L4 AR-1242-3	0.000	4.750	0	77579	N.D.	74.027 #
19)	L4 AR-1242-4	0.000	4.790	0	21743	N.D.	21.905 #
20)	L4 AR-1242-5	6.392	5.295	135880	454523	94.407	325.350 #
21)	L5 AR-1248-1	5.407	4.463	165104	44929	133.912	41.106 #
22)	L5 AR-1248-2	5.747	4.750	75397	77579	43.526	55.477 #
23)	L5 AR-1248-3	0.000	4.790	0	21743	N.D.	15.035 #
24)	L5 AR-1248-4	6.352	4.962	151905	68770	61.031	38.191 #
25)	L5 AR-1248-5	6.392	5.335	135880	49895	58.204	26.991 #
26)	L6 AR-1254-1	6.322	5.295	496329	454523	195.220	150.890
27)	L6 AR-1254-2	6.539	5.440	1467298	733636	362.742	272.019 #
28)	L6 AR-1254-3	6.905	5.831	2064687	1914392	485.077	445.912
29)	L6 AR-1254-4	7.189	6.056	1250658	1176945	369.493	413.015
30)	L6 AR-1254-5	7.606	6.463	2117698	3969881	638.436	1064.984 #
31)	L7 AR-1260-1	7.065	5.958	924793	1029307	298.210	372.687
32)	L7 AR-1260-2	7.318	6.144	3850392	1517372	953.787	395.471 #
33)	L7 AR-1260-3	7.625	6.291	2130753	914641	663.481	291.507 #
34)	L7 AR-1260-4	7.895	6.752	913789	344430	286.242	136.036 #
35)	L7 AR-1260-5	8.213	6.994	443691	561121	75.653	92.056
36)	L8 AR-1262-1	7.625	6.554	2130753	328673	446.373	180.633 #
37)	L8 AR-1262-2	8.213	6.994	443691	561121	63.640	78.731
38)	L8 AR-1262-3	8.529	7.272	371164	95930	80.306	35.793 #
39)	L8 AR-1262-4	0.000	7.333	0	449541	N.D.	98.027 #
40)	L8 AR-1262-5	9.227	7.823	117976	104370	51.546	53.186
41)	L9 AR-1268-1	8.529	7.272	371164	95930	44.318	12.039 #
42)	L9 AR-1268-2	0.000	7.333	0	449541	N.D.	68.273 #
43)	L9 AR-1268-3	0.000	7.536	0	27991	N.D.	5.009 #
44)	L9 AR-1268-4	9.227	7.823	117976	104370	47.932	48.356
45)	L9 AR-1268-5	0.000	8.091	0	93263	N.D.	6.229 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102919\
Data File : PO063257.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2019 23:31
Operator : HP/AJ
Sample : K5428-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
445X-9B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 09:11:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 30 02:25:39 2019
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
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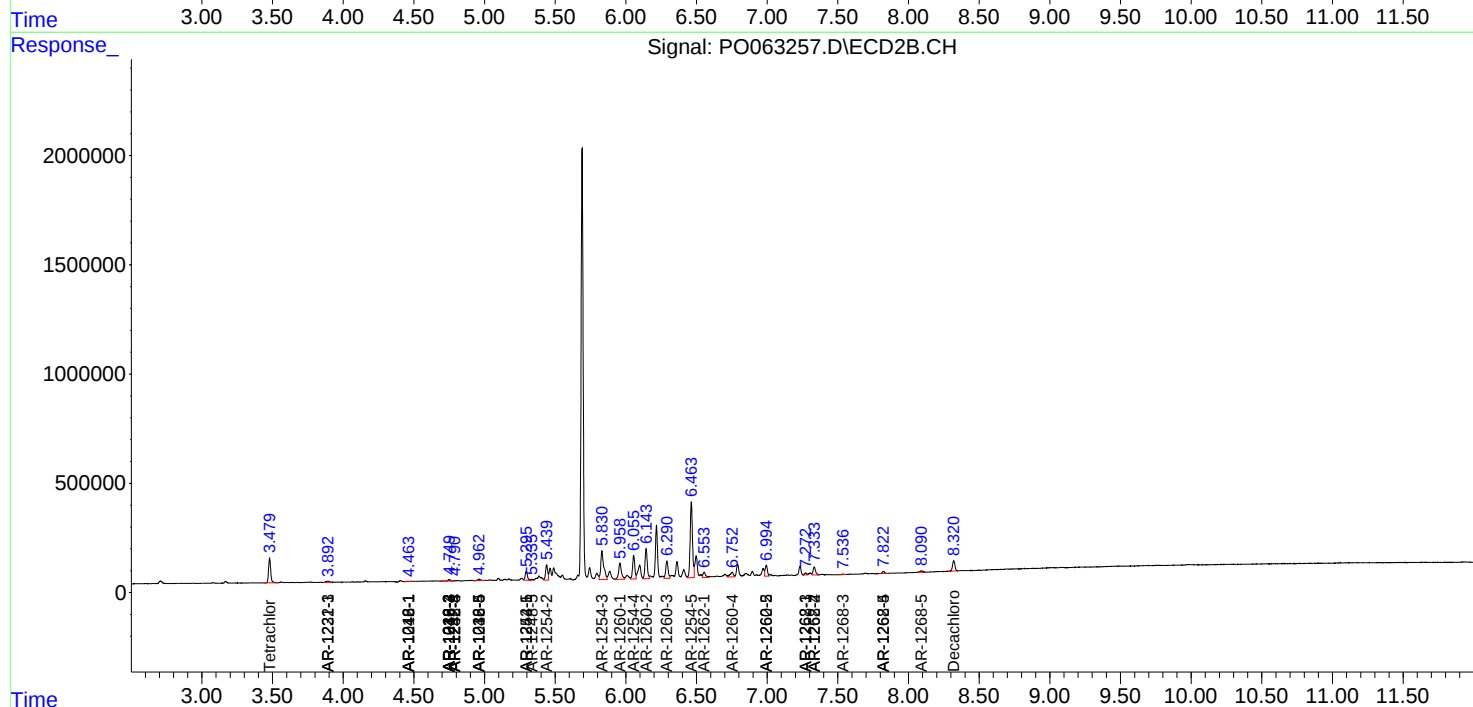
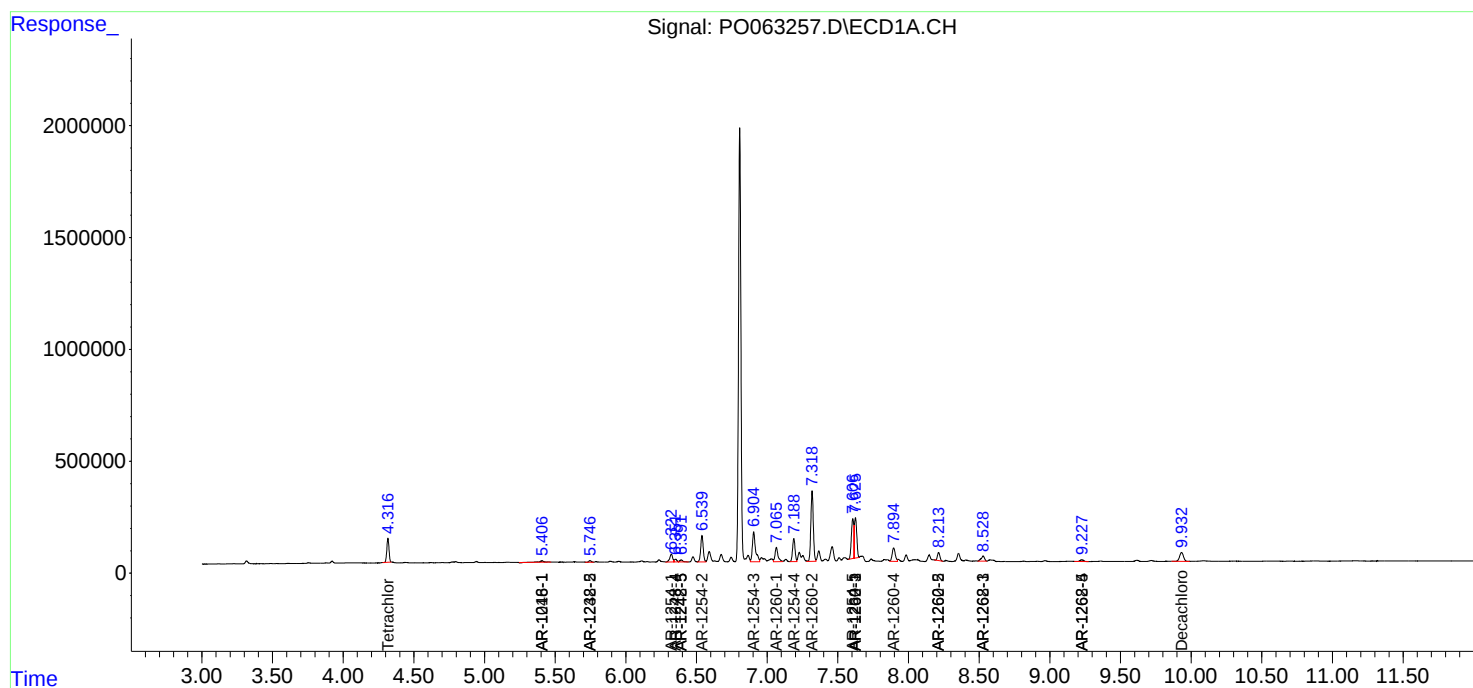
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

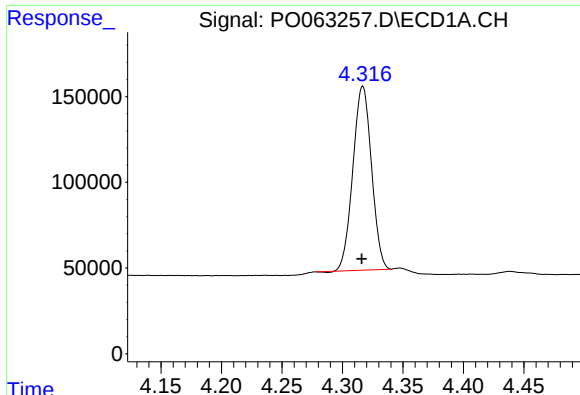
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102919\
Data File : P0063257.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2019 23:31
Operator : HP/AJ
Sample : K5428-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
445X-9B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 09:11:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
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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

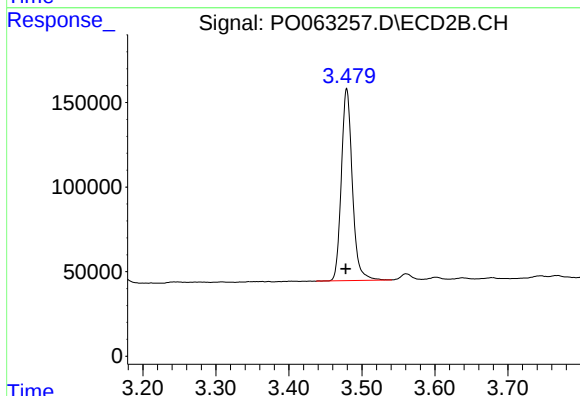




#1 Tetrachloro-m-xylene

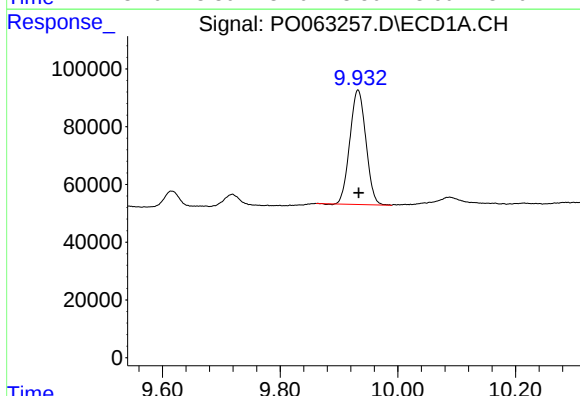
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 1149397
Conc: 19.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



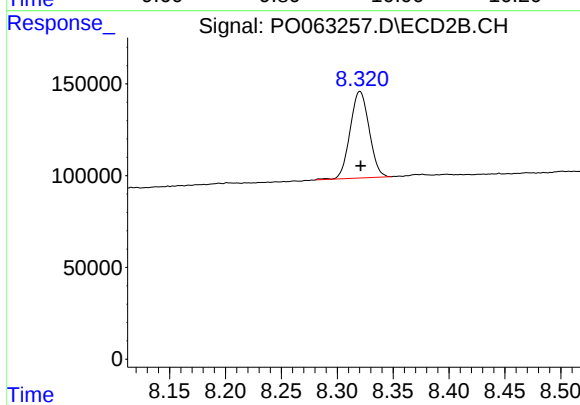
#1 Tetrachloro-m-xylene

R.T.: 3.479 min
Delta R.T.: 0.001 min
Response: 1185766
Conc: 21.71 ng/ml



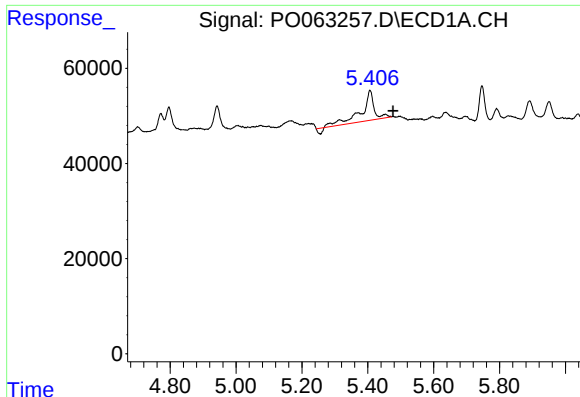
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.001 min
Response: 747892
Conc: 12.85 ng/ml



#2 Decachlorobiphenyl

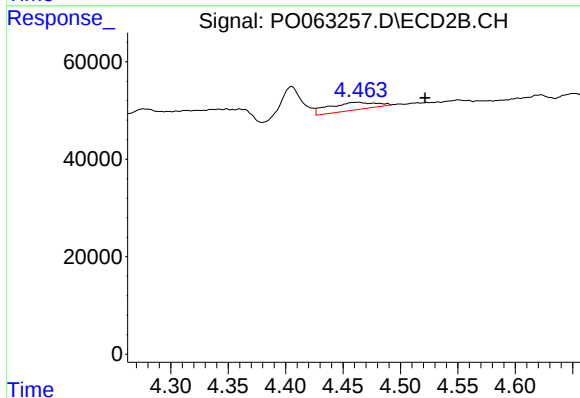
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 559647
Conc: 13.09 ng/ml



#3 AR-1016-1

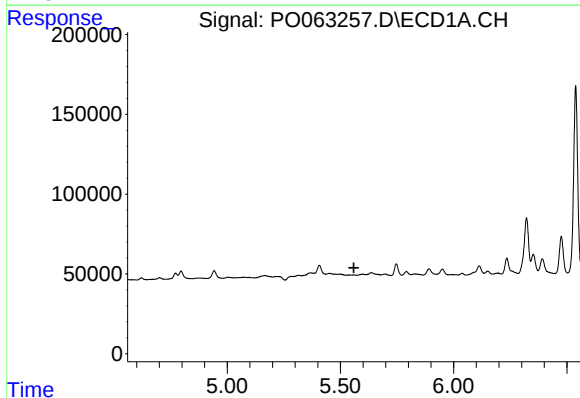
R.T.: 5.407 min
Delta R.T.: -0.070 min
Response: 165104
Conc: 75.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



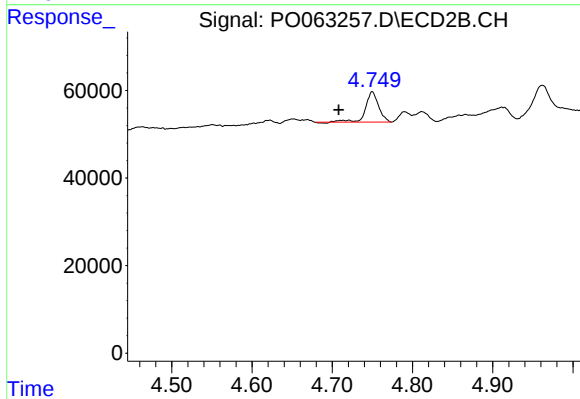
#3 AR-1016-1

R.T.: 4.463 min
Delta R.T.: -0.058 min
Response: 44929
Conc: 23.98 ng/ml



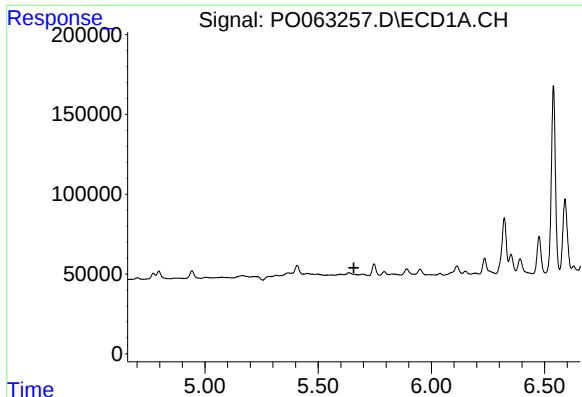
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



#5 AR-1016-3

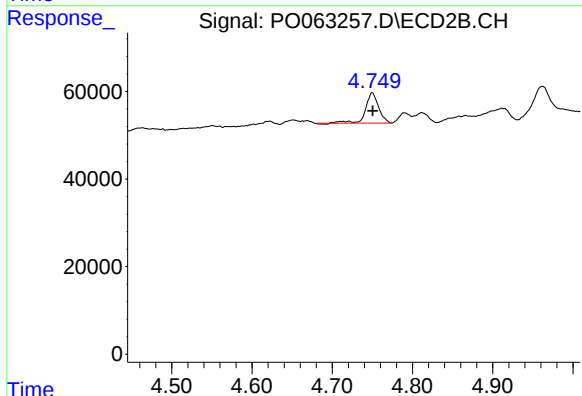
R.T.: 4.750 min
Delta R.T.: 0.042 min
Response: 77579
Conc: 55.90 ng/ml



#6 AR-1016-4

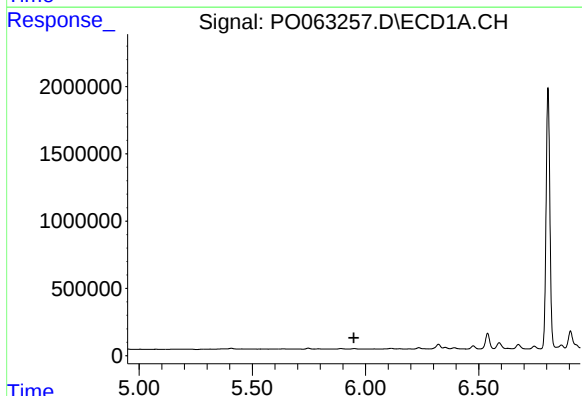
R.T.: 0.000 min
Exp R.T.: 5.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-9B



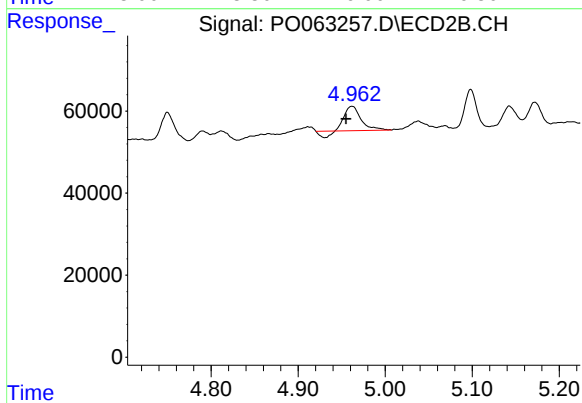
#6 AR-1016-4

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 77579
Conc: 69.46 ng/ml



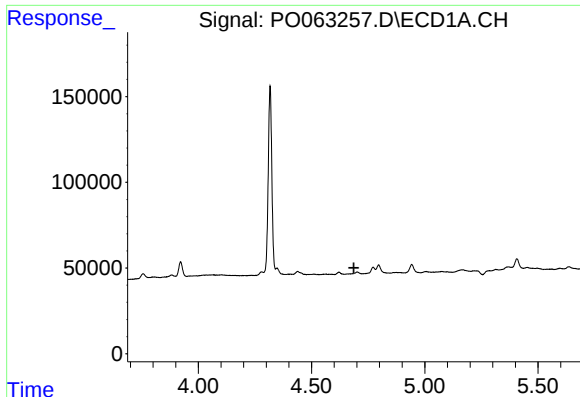
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.949 min
Response: 0
Conc: N.D.



#7 AR-1016-5

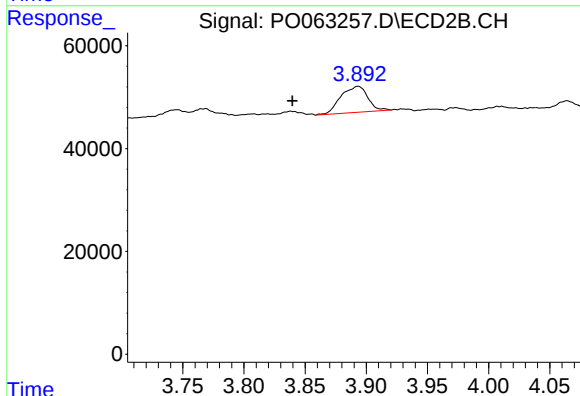
R.T.: 4.962 min
Delta R.T.: 0.007 min
Response: 68770
Conc: 45.65 ng/ml



#10 AR-1221-3

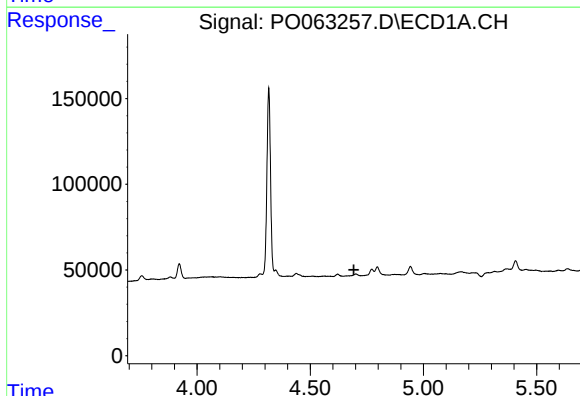
R.T.: 0.000 min
Exp R.T. : 4.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-9B



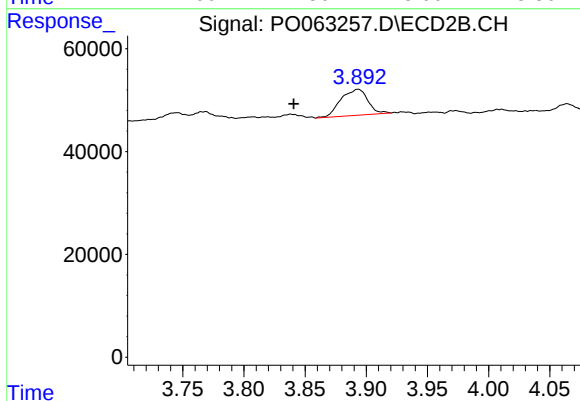
#10 AR-1221-3

R.T.: 3.893 min
Delta R.T.: 0.054 min
Response: 77555
Conc: 63.07 ng/ml



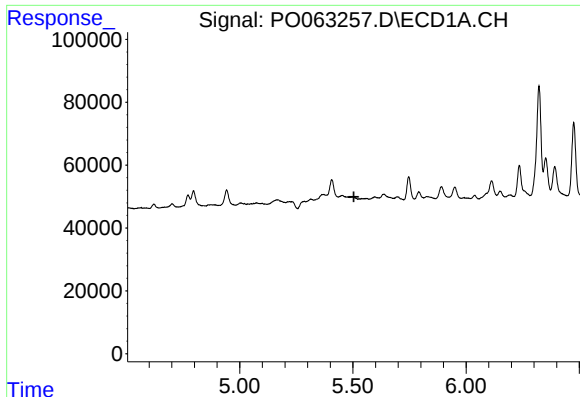
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#11 AR-1232-1

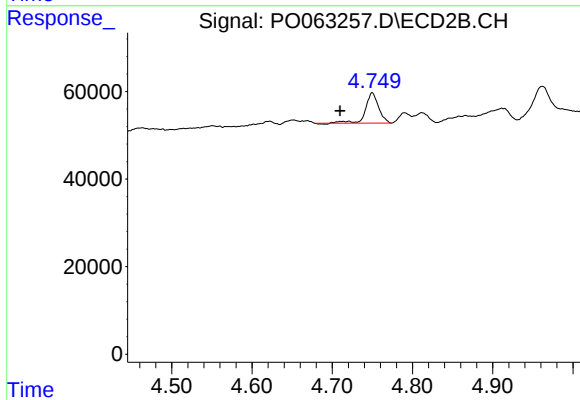
R.T.: 3.893 min
Delta R.T.: 0.053 min
Response: 77555
Conc: 45.44 ng/ml



#13 AR-1232-3

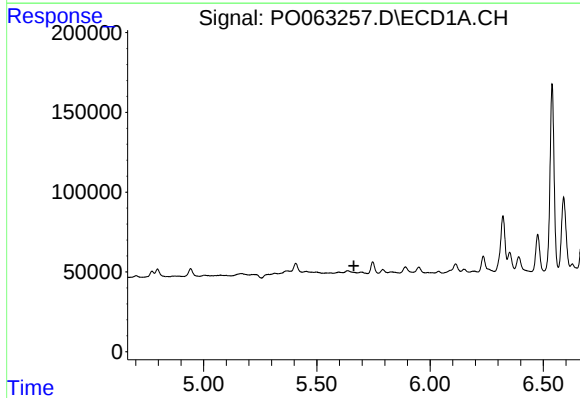
R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-9B



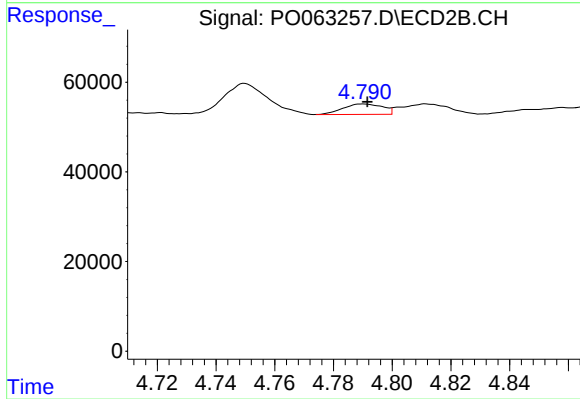
#13 AR-1232-3

R.T.: 4.750 min
Delta R.T.: 0.040 min
Response: 77579
Conc: 80.19 ng/ml



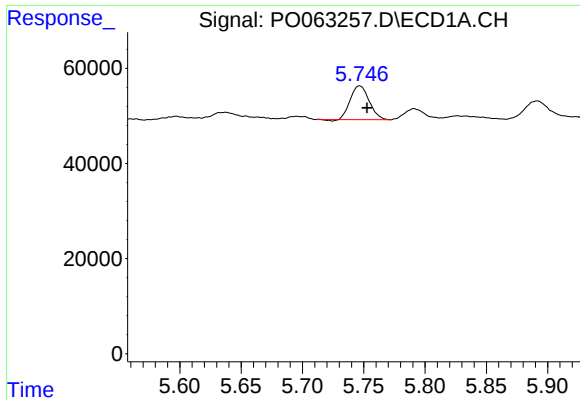
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.664 min
Response: 0
Conc: N.D.



#14 AR-1232-4

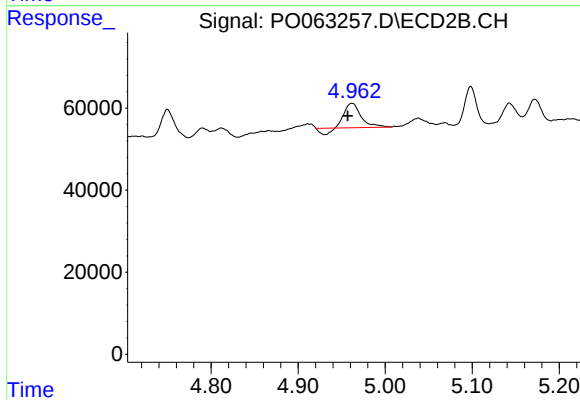
R.T.: 4.790 min
Delta R.T.: -0.001 min
Response: 21743
Conc: 26.19 ng/ml



#15 AR-1232-5

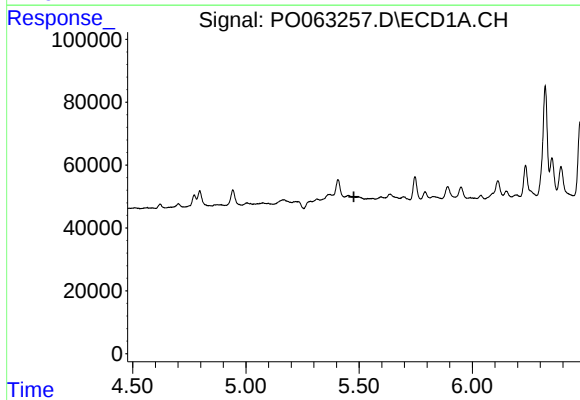
R.T.: 5.747 min
Delta R.T.: -0.006 min
Response: 75397
Conc: 94.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



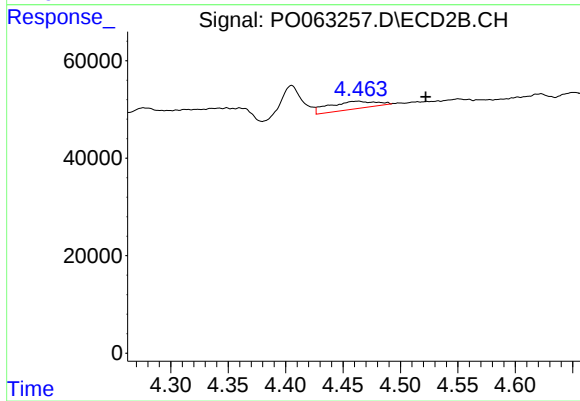
#15 AR-1232-5

R.T.: 4.962 min
Delta R.T.: 0.005 min
Response: 68770
Conc: 73.48 ng/ml



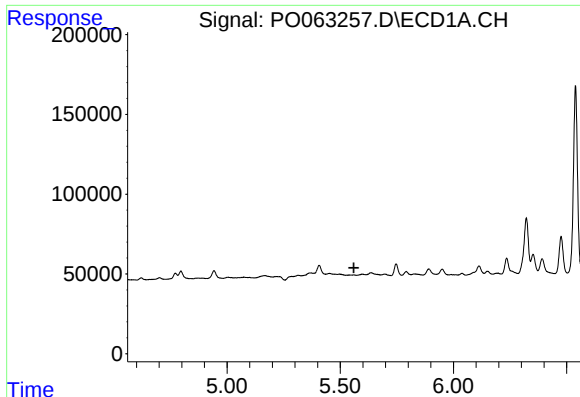
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.



#16 AR-1242-1

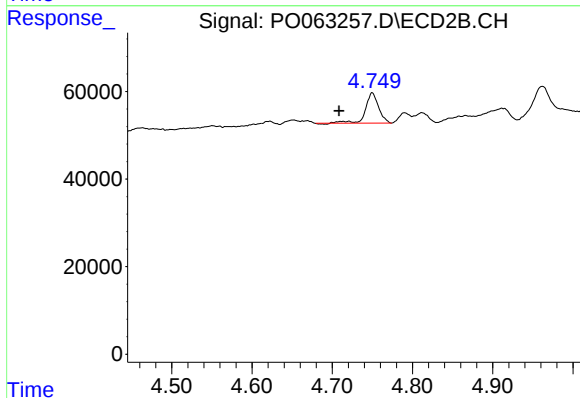
R.T.: 4.463 min
Delta R.T.: -0.059 min
Response: 44929
Conc: 32.51 ng/ml



#18 AR-1242-3

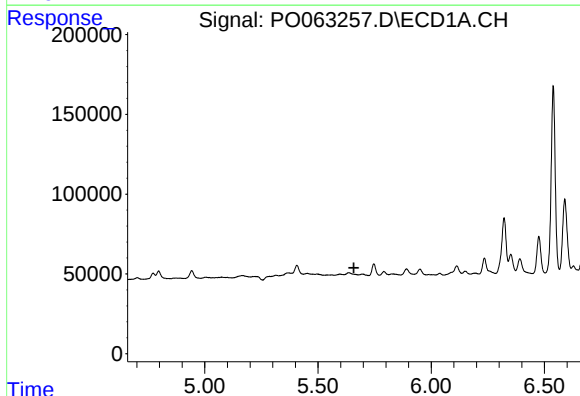
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-9B



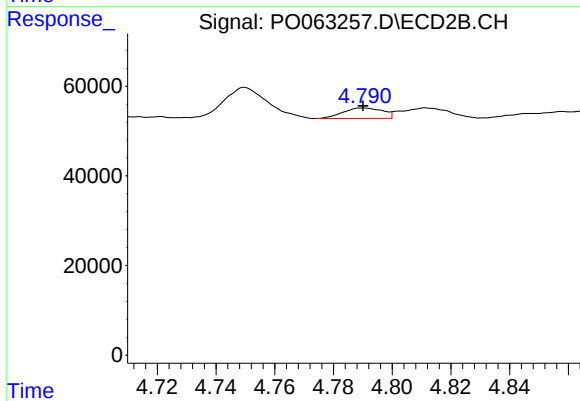
#18 AR-1242-3

R.T.: 4.750 min
Delta R.T.: 0.041 min
Response: 77579
Conc: 74.03 ng/ml



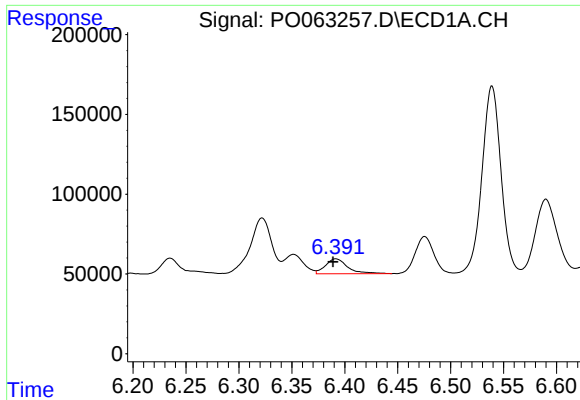
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.658 min
Response: 0
Conc: N.D.



#19 AR-1242-4

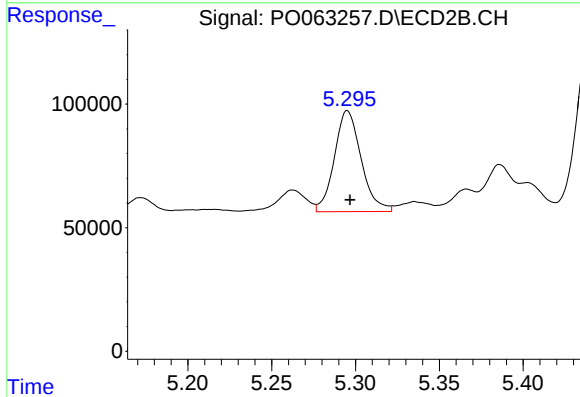
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 21743
Conc: 21.90 ng/ml



#20 AR-1242-5

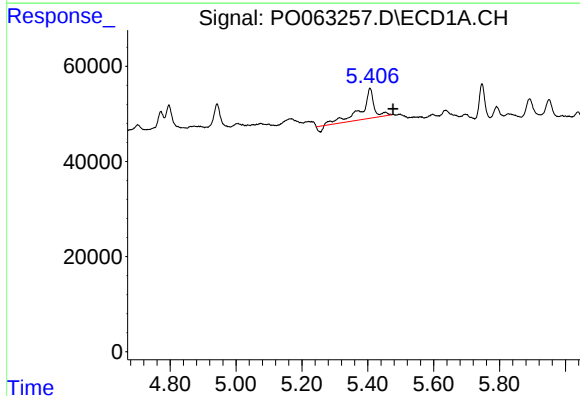
R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 135880
Conc: 94.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



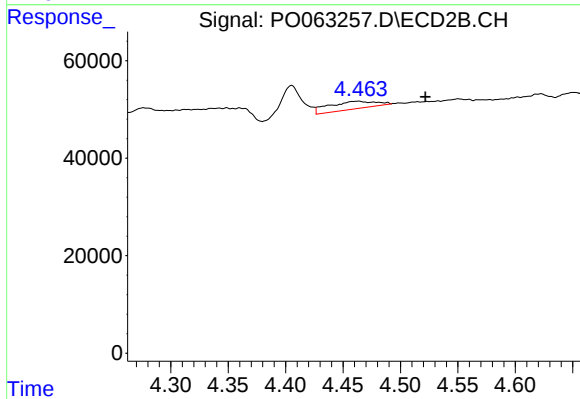
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 454523
Conc: 325.35 ng/ml



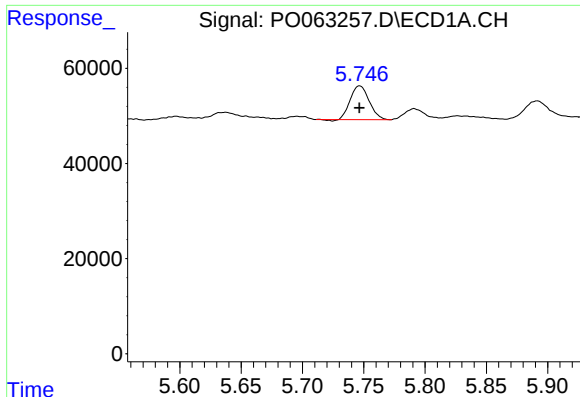
#21 AR-1248-1

R.T.: 5.407 min
Delta R.T.: -0.070 min
Response: 165104
Conc: 133.91 ng/ml



#21 AR-1248-1

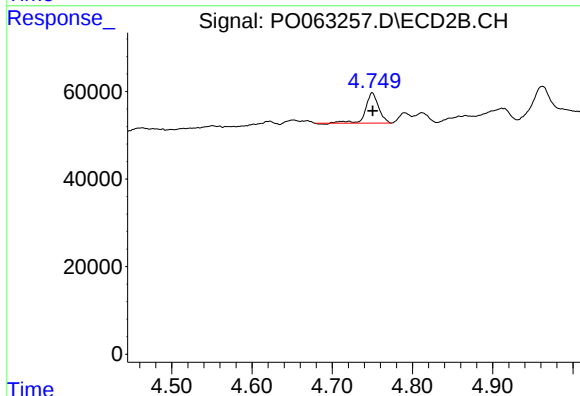
R.T.: 4.463 min
Delta R.T.: -0.058 min
Response: 44929
Conc: 41.11 ng/ml



#22 AR-1248-2

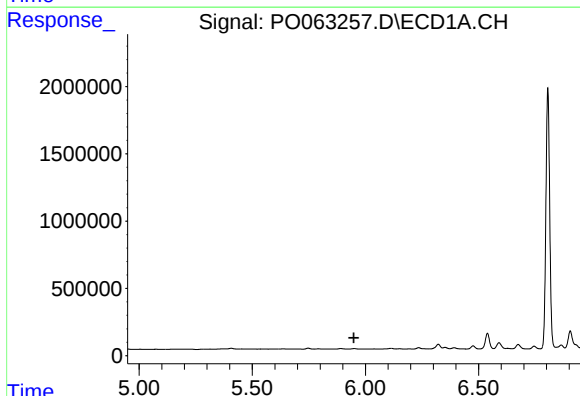
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 75397
Conc: 43.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



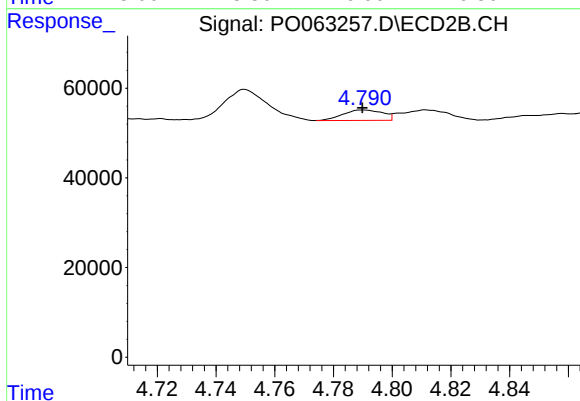
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 77579
Conc: 55.48 ng/ml



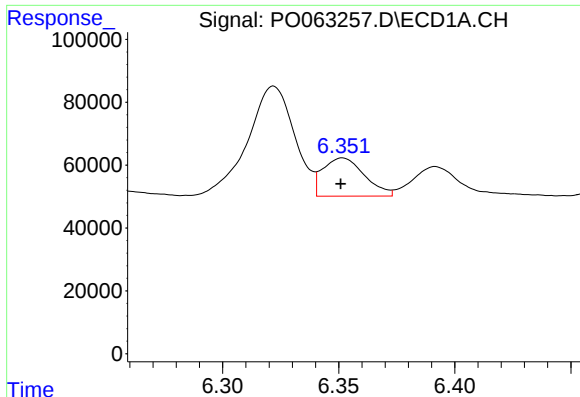
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.949 min
Response: 0
Conc: N.D.



#23 AR-1248-3

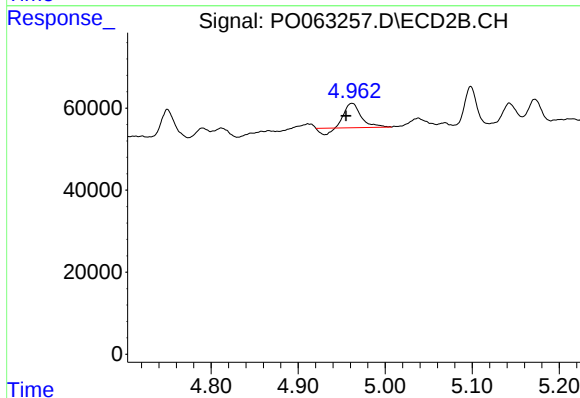
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 21743
Conc: 15.03 ng/ml



#24 AR-1248-4

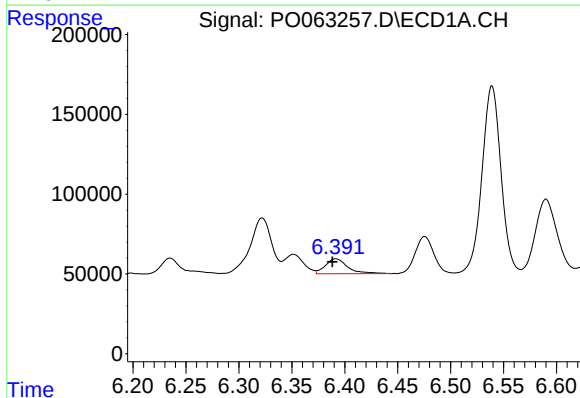
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 151905
Conc: 61.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



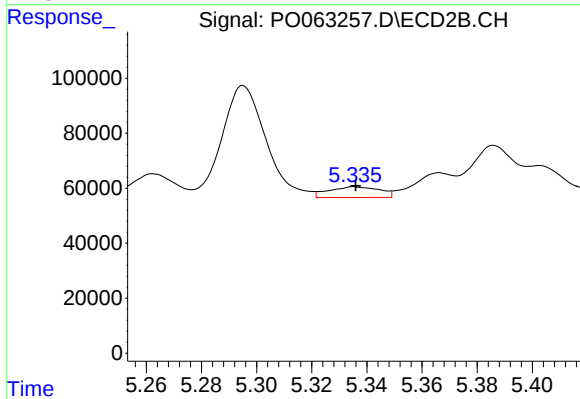
#24 AR-1248-4

R.T.: 4.962 min
Delta R.T.: 0.007 min
Response: 68770
Conc: 38.19 ng/ml



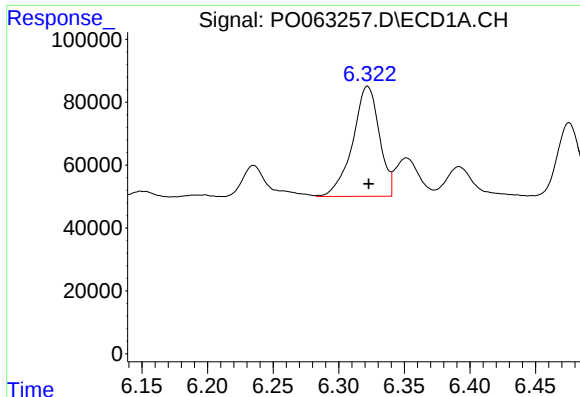
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 135880
Conc: 58.20 ng/ml



#25 AR-1248-5

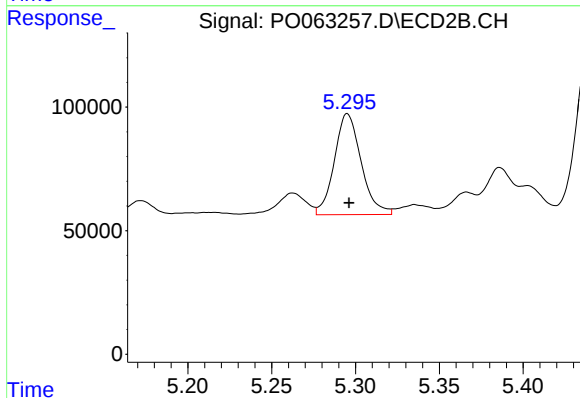
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 49895
Conc: 26.99 ng/ml



#26 AR-1254-1

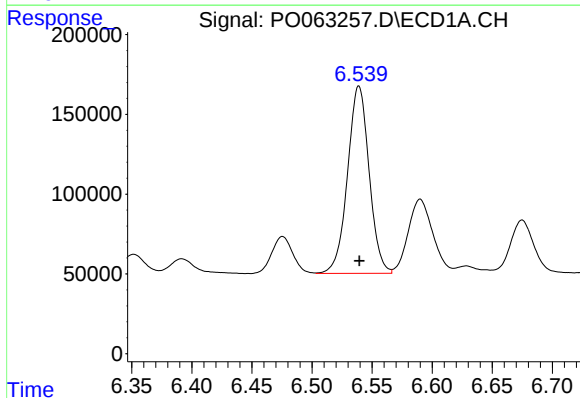
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 496329
Conc: 195.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



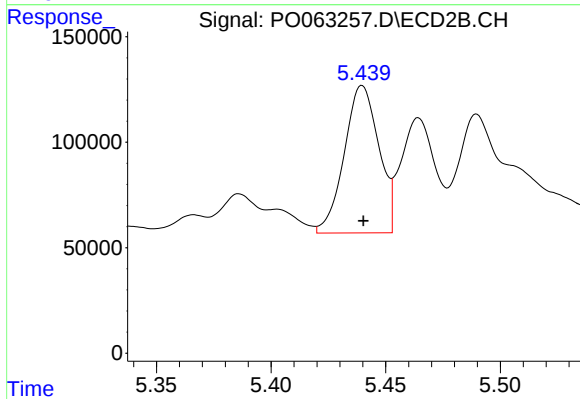
#26 AR-1254-1

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 454523
Conc: 150.89 ng/ml



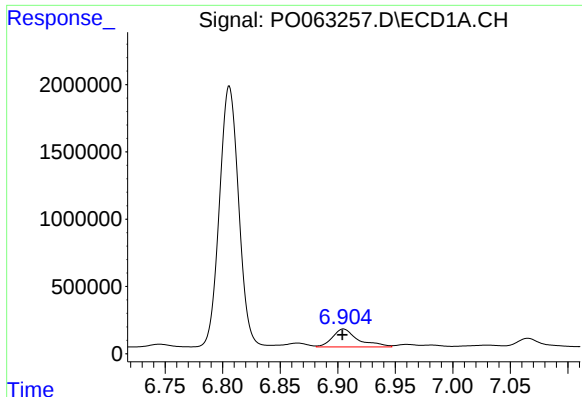
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1467298
Conc: 362.74 ng/ml



#27 AR-1254-2

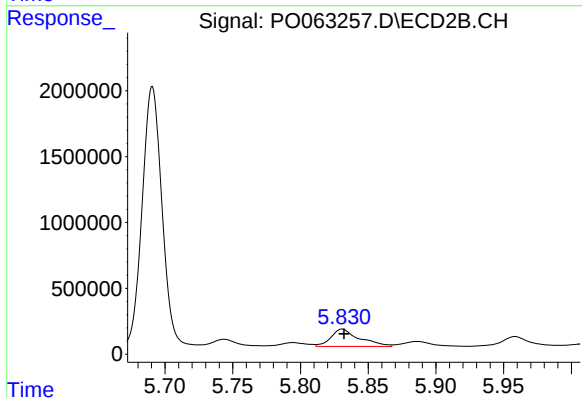
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 733636
Conc: 272.02 ng/ml



#28 AR-1254-3

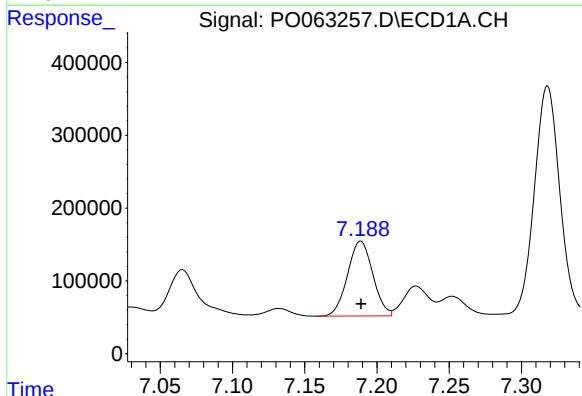
R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 2064687
Conc: 485.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



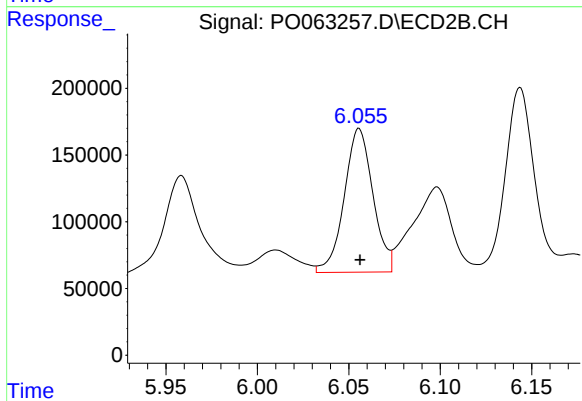
#28 AR-1254-3

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 1914392
Conc: 445.91 ng/ml



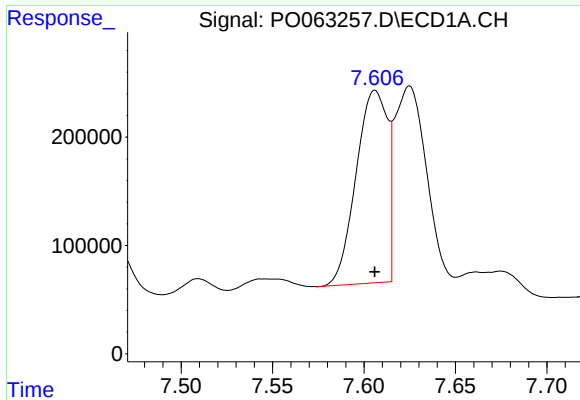
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 1250658
Conc: 369.49 ng/ml



#29 AR-1254-4

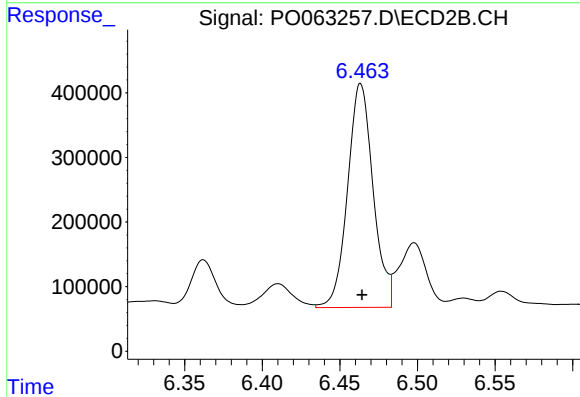
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 1176945
Conc: 413.01 ng/ml



#30 AR-1254-5

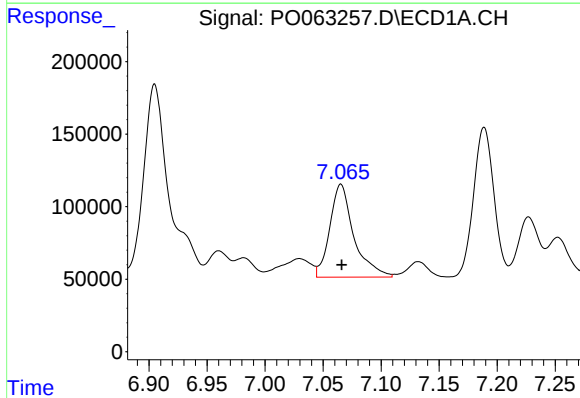
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 2117698
Conc: 638.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



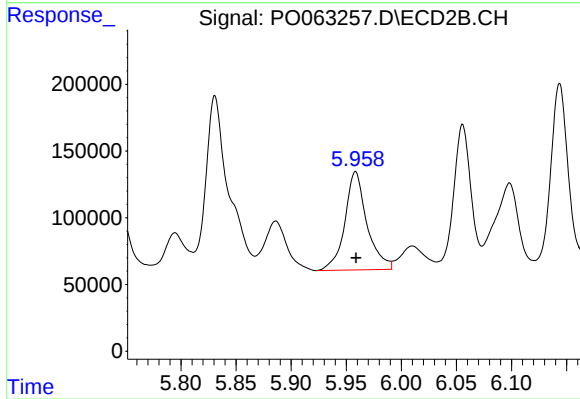
#30 AR-1254-5

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 3969881
Conc: 1064.98 ng/ml



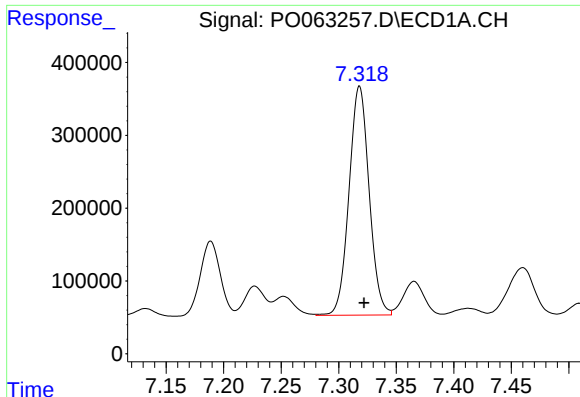
#31 AR-1260-1

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 924793
Conc: 298.21 ng/ml



#31 AR-1260-1

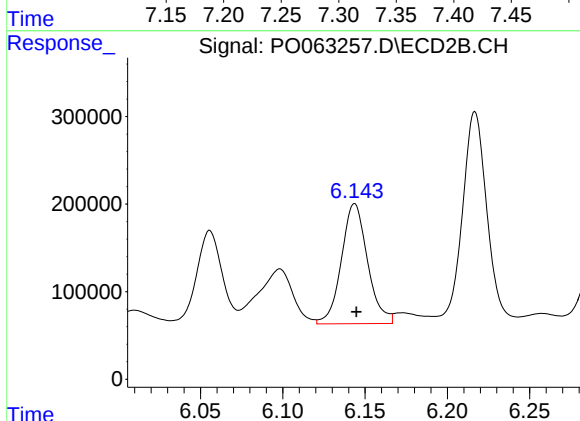
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 1029307
Conc: 372.69 ng/ml



#32 AR-1260-2

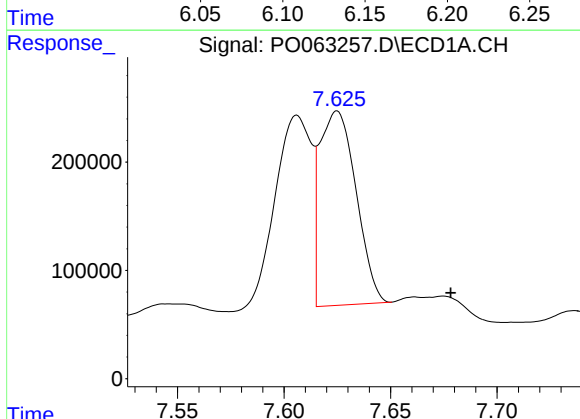
R.T.: 7.318 min
Delta R.T.: -0.004 min
Response: 3850392
Conc: 953.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



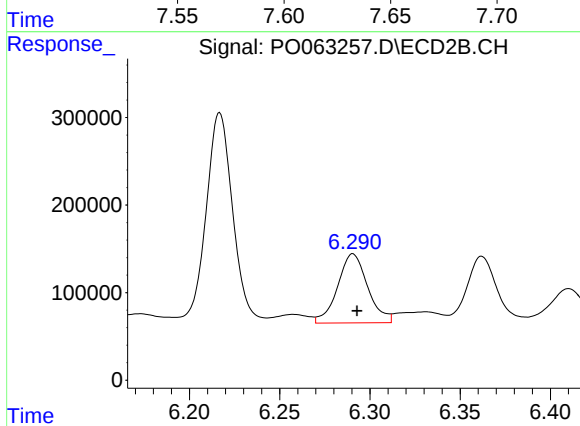
#32 AR-1260-2

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 1517372
Conc: 395.47 ng/ml



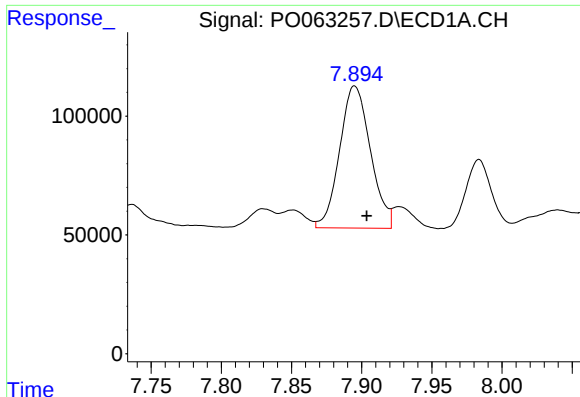
#33 AR-1260-3

R.T.: 7.625 min
Delta R.T.: -0.053 min
Response: 2130753
Conc: 663.48 ng/ml



#33 AR-1260-3

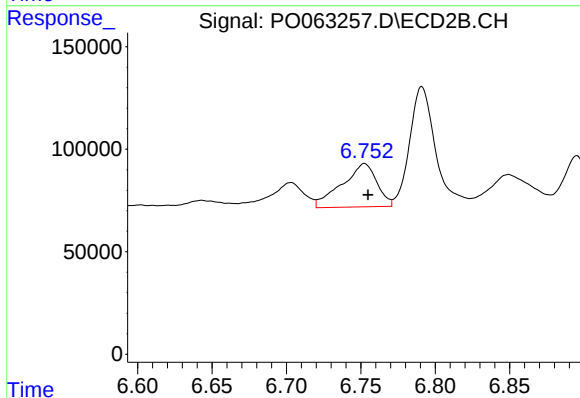
R.T.: 6.291 min
Delta R.T.: -0.002 min
Response: 914641
Conc: 291.51 ng/ml



#34 AR-1260-4

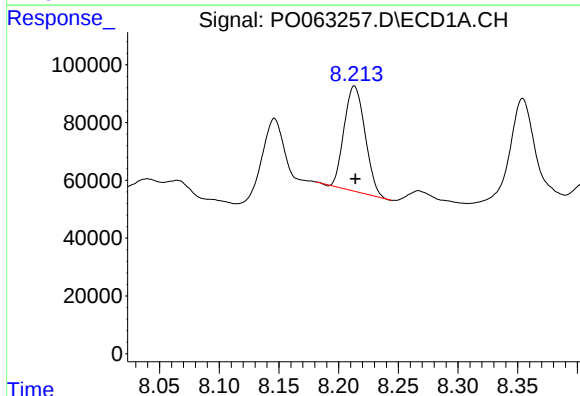
R.T.: 7.895 min
Delta R.T.: -0.009 min
Response: 913789
Conc: 286.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



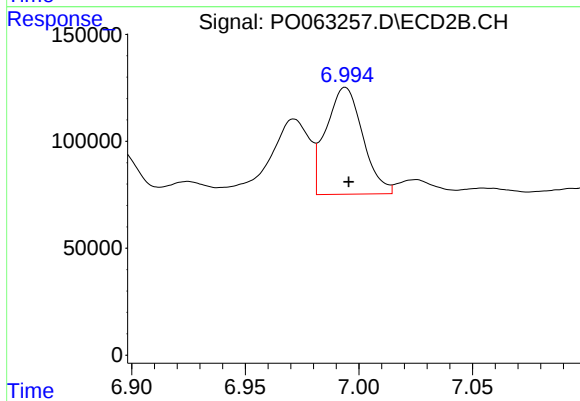
#34 AR-1260-4

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 344430
Conc: 136.04 ng/ml



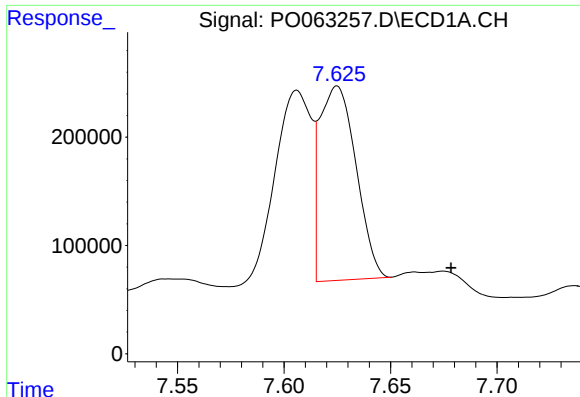
#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 443691
Conc: 75.65 ng/ml



#35 AR-1260-5

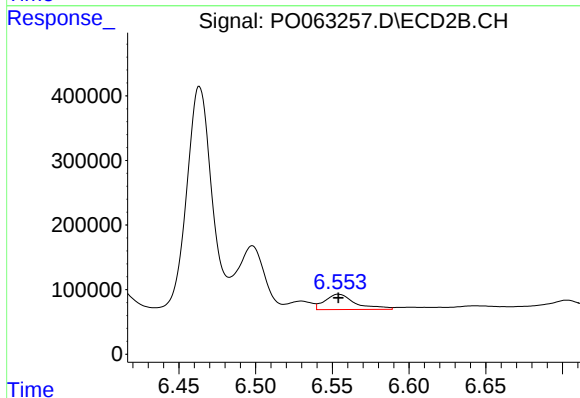
R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 561121
Conc: 92.06 ng/ml



#36 AR-1262-1

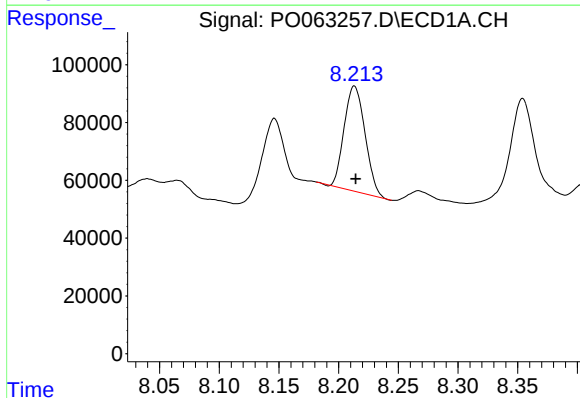
R.T.: 7.625 min
Delta R.T.: -0.054 min
Response: 2130753
Conc: 446.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



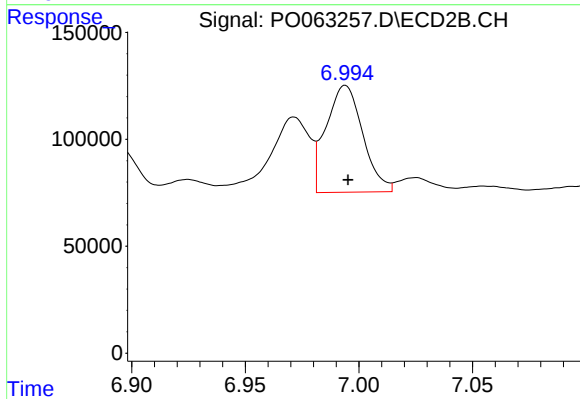
#36 AR-1262-1

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 328673
Conc: 180.63 ng/ml



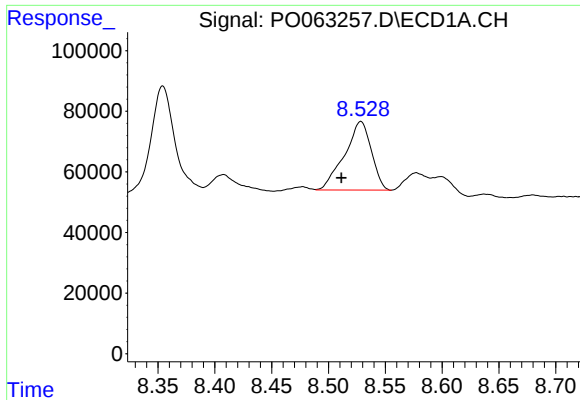
#37 AR-1262-2

R.T.: 8.213 min
Delta R.T.: -0.001 min
Response: 443691
Conc: 63.64 ng/ml



#37 AR-1262-2

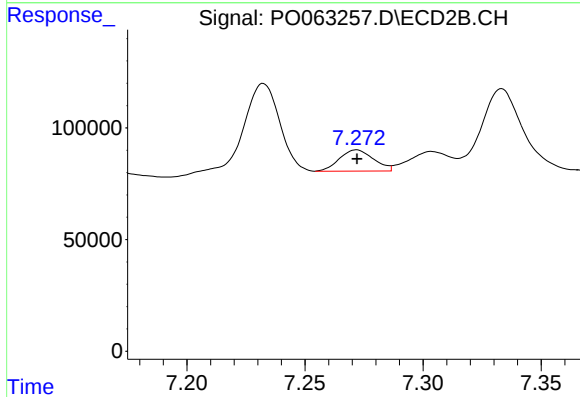
R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 561121
Conc: 78.73 ng/ml



#38 AR-1262-3

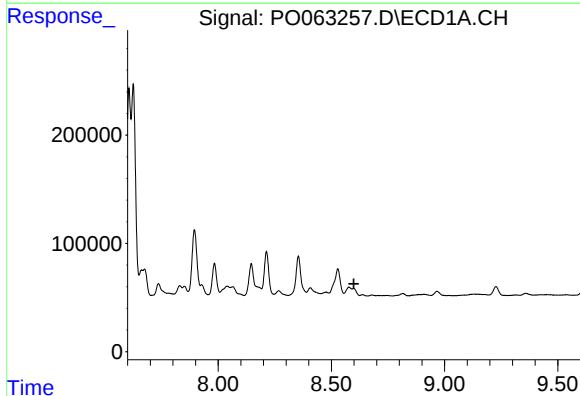
R.T.: 8.529 min
Delta R.T.: 0.017 min
Response: 371164
Conc: 80.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



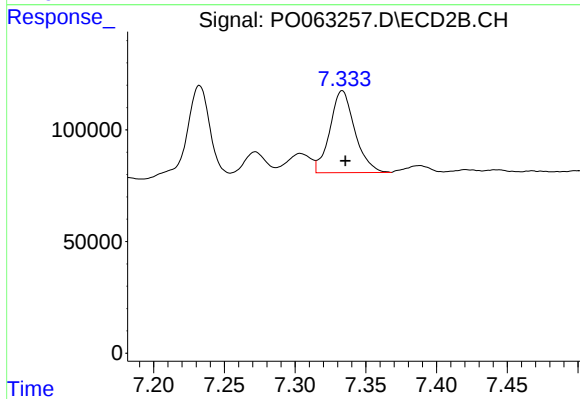
#38 AR-1262-3

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 95930
Conc: 35.79 ng/ml



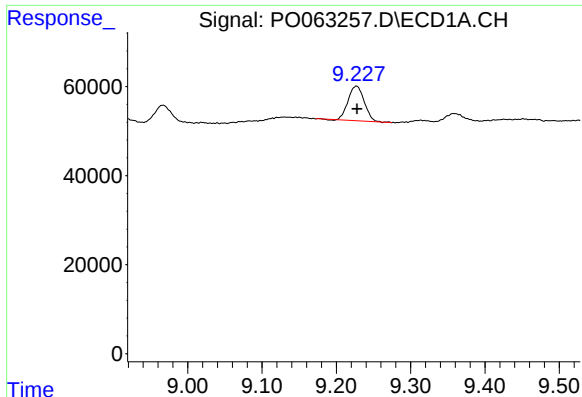
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.600 min
Response: 0
Conc: N.D.



#39 AR-1262-4

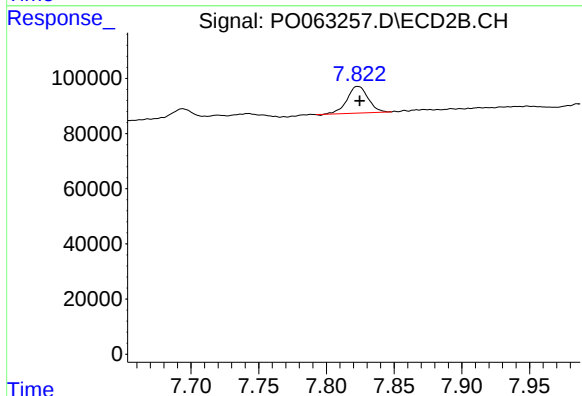
R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 449541
Conc: 98.03 ng/ml



#40 AR-1262-5

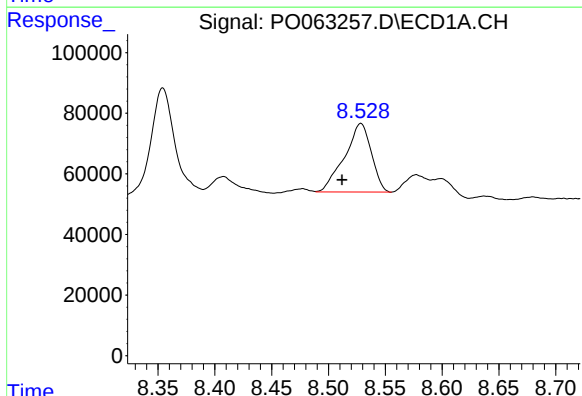
R.T.: 9.227 min
Delta R.T.: -0.001 min
Response: 117976
Conc: 51.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



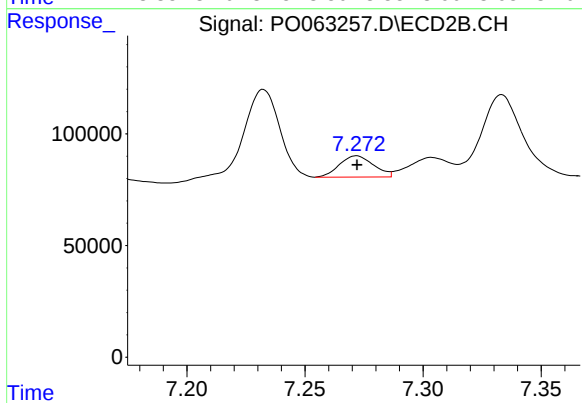
#40 AR-1262-5

R.T.: 7.823 min
Delta R.T.: -0.001 min
Response: 104370
Conc: 53.19 ng/ml



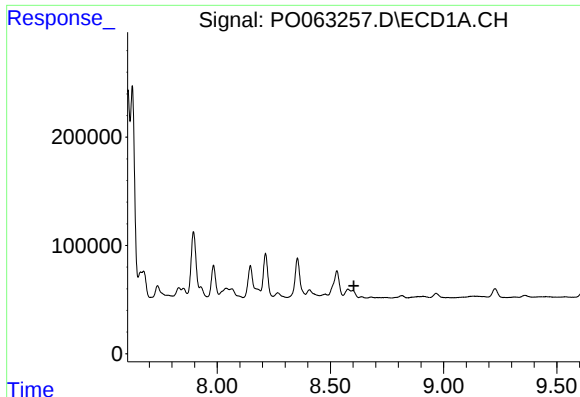
#41 AR-1268-1

R.T.: 8.529 min
Delta R.T.: 0.016 min
Response: 371164
Conc: 44.32 ng/ml



#41 AR-1268-1

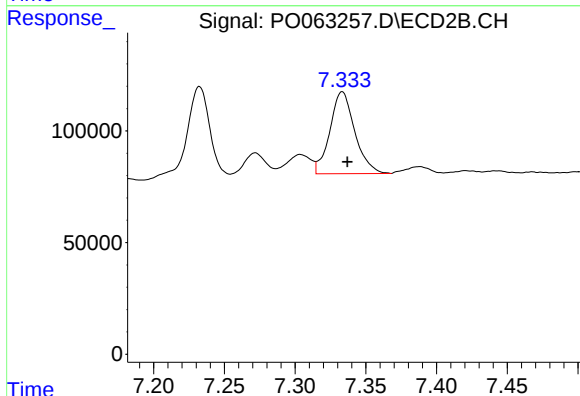
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 95930
Conc: 12.04 ng/ml



#42 AR-1268-2

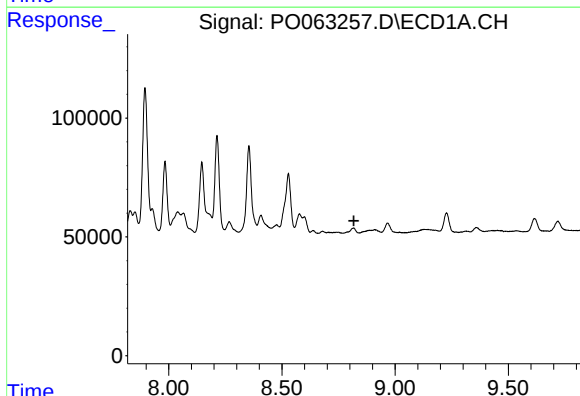
R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-9B



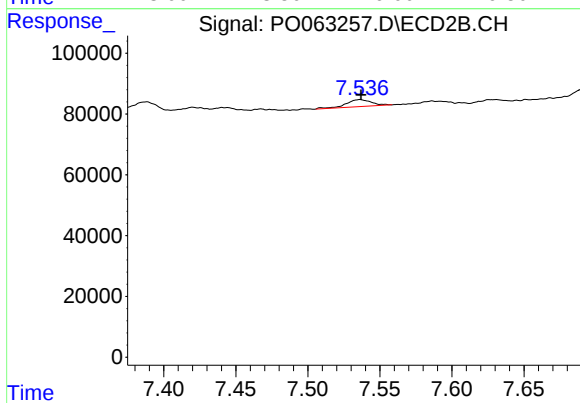
#42 AR-1268-2

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 449541
Conc: 68.27 ng/ml



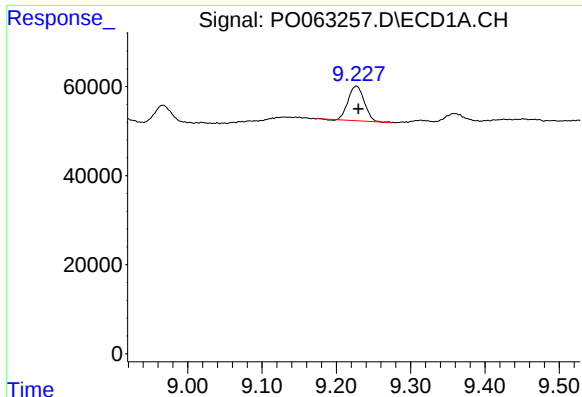
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.



#43 AR-1268-3

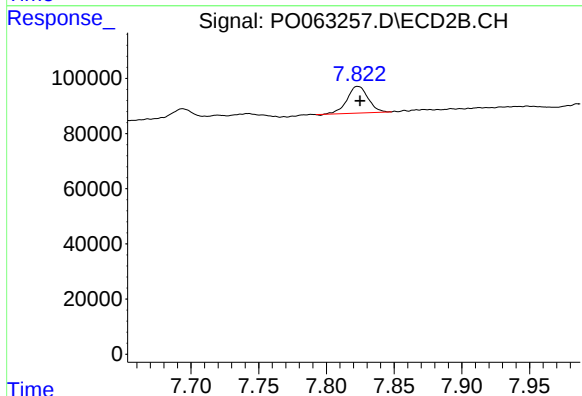
R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 27991
Conc: 5.01 ng/ml



#44 AR-1268-4

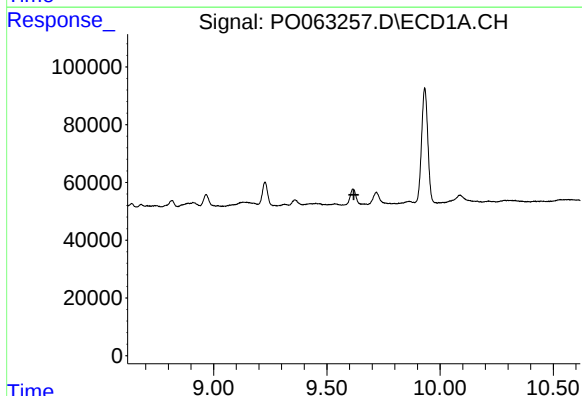
R.T.: 9.227 min
Delta R.T.: -0.003 min
Response: 117976
Conc: 47.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-9B



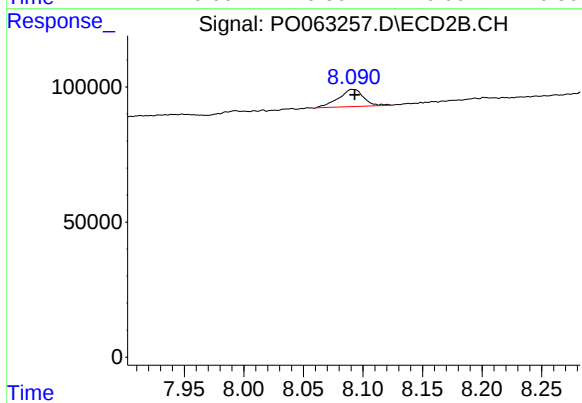
#44 AR-1268-4

R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 104370
Conc: 48.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.620 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 93263
Conc: 6.23 ng/ml