

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO113021\
 Data File : PO083241.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Nov 2021 15:09
 Operator : AJ\MA
 Sample : M4849-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 22:36:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 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...	4.951	3.952	2312913	724340	26.355	23.763
2)	SA Decachlor...	11.042	9.258	1629377	588837	24.779	19.588
Target Compounds							
3)	L1 AR-1016-1	6.283	5.208	76598	28703	26.408	21.791
4)	L1 AR-1016-2	6.307	5.228	102256	44918	24.813	25.024
5)	L1 AR-1016-3	6.373	5.419	77756	26017	30.987	26.657
6)	L1 AR-1016-4	6.482	5.473	58688	18700	28.656	23.003
7)	L1 AR-1016-5	6.799	5.699	51566	29337	25.448	28.916
8)	L2 AR-1221-1	5.206	0.000	71961	0	75.938	N.D. #
9)	L2 AR-1221-2	5.308	0.000	30742	0	45.723	N.D. #
10)	L2 AR-1221-3	5.393	0.000	64358	0	29.939	N.D. #
11)	L3 AR-1232-1	5.393	0.000	64358	0	36.153	N.D. #
12)	L3 AR-1232-2	5.986	5.228	106263	44918	117.181	59.798 #
13)	L3 AR-1232-3	6.307	5.419	102256	26017	62.436	65.687
14)	L3 AR-1232-4	6.482	5.516	58688	22051	73.309	62.715
15)	L3 AR-1232-5	6.579	5.699	41998	29337	74.746	76.409
16)	L4 AR-1242-1	6.283	5.208	76598	28703	35.812	29.533
17)	L4 AR-1242-2	6.307	5.228	102256	44918	33.924	34.240
18)	L4 AR-1242-3	6.373	5.419	77756	26017	41.640	35.914
19)	L4 AR-1242-4	6.482	5.516	58688	22051	38.913	32.031
20)	L4 AR-1242-5	7.273	6.081	49865	81678	32.234	88.188 #
21)	L5 AR-1248-1	6.283	5.208	76598	28703	49.179	40.273
22)	L5 AR-1248-2	6.579	5.473	41998	18700	19.766	18.461
23)	L5 AR-1248-3	6.799	5.516	51566	22051	20.793	22.260
24)	L5 AR-1248-4	7.231	5.699	53856	29337	20.556	23.804
25)	L5 AR-1248-5	7.273	0.000	49865	0	19.257	N.D. #
26)	L6 AR-1254-1	7.200	6.081	169101	81678	60.764	42.006 #
27)	L6 AR-1254-2	7.435	0.000	88565	0	21.289	N.D. #
28)	L6 AR-1254-3	7.817	6.680f	144123	230873	33.555	90.307 #
29)	L6 AR-1254-4	8.110	0.000	65292	0	21.108	N.D. #
30)	L6 AR-1254-5	8.543	7.331	698197	348942	217.789	149.959 #
31)	L7 AR-1260-1	7.983	6.798	668596	323096	210.464	176.825
32)	L7 AR-1260-2	8.251	6.998	576603	298019	153.627	124.378
33)	L7 AR-1260-3	8.618	7.152	624297	312215	218.214	152.223 #
34)	L7 AR-1260-4	8.850	7.636	679647	307720	210.431	174.827
35)	L7 AR-1260-5	9.183	7.886	1317204	710932	207.853	159.231
36)	L8 AR-1262-1	8.618	7.331	624297	348942	167.406	286.404 #
37)	L8 AR-1262-2	9.183	7.886	1317204	710932	204.701	157.365
38)	L8 AR-1262-3	9.500	8.173	313222	197261	102.976	105.406
39)	L8 AR-1262-4	9.592	8.235	232655	481532	122.917	152.046
40)	L8 AR-1262-5	10.277	8.736	378454	170016	151.667	114.671
41)	L9 AR-1268-1	9.500	8.173	313222	197261	37.861	34.207

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO113021\
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 Acq On : 30 Nov 2021 15:09
 Operator : AJ\MA
 Sample : M4849-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

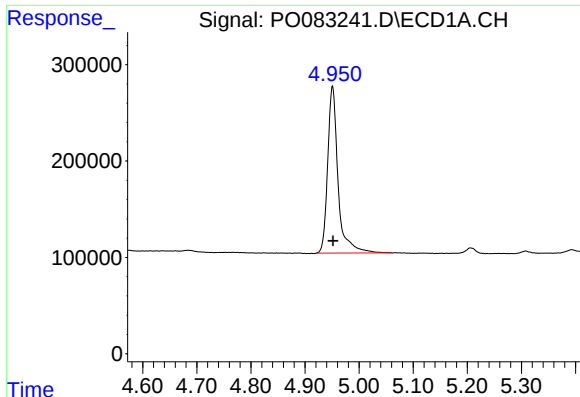
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 22:36:34 2021
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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	9.592	8.235	232655	481532	30.248	100.257 #
43) L9	AR-1268-3	9.825	0.000	22724	0	3.465	N.D. #
44) L9	AR-1268-4	10.277	8.736	378454	170016	132.534	100.299
45) L9	AR-1268-5	10.700	9.015	165129	50287	7.364	4.278 #

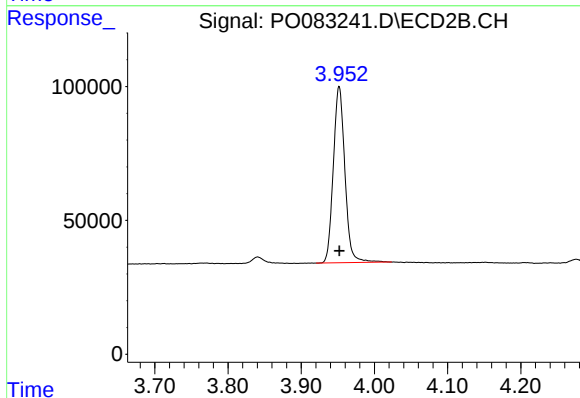
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

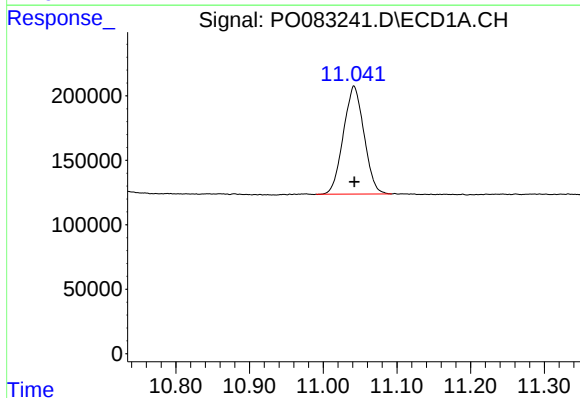
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 2312913
Conc: 26.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



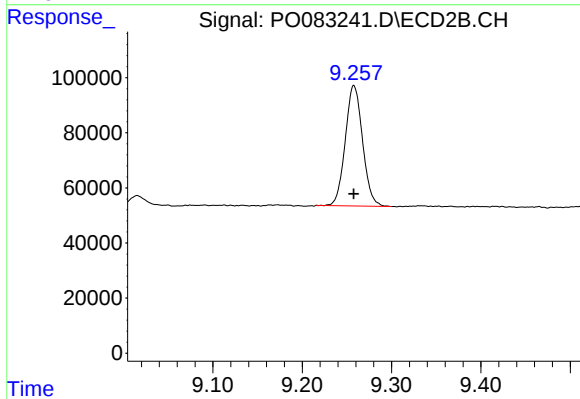
#1 Tetrachloro-m-xylene

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 724340
Conc: 23.76 ng/ml



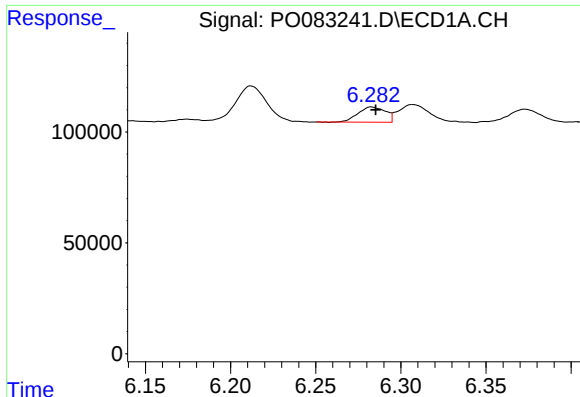
#2 Decachlorobiphenyl

R.T.: 11.042 min
Delta R.T.: 0.000 min
Response: 1629377
Conc: 24.78 ng/ml



#2 Decachlorobiphenyl

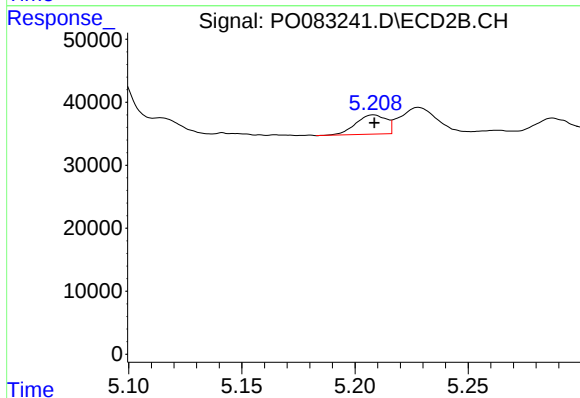
R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 588837
Conc: 19.59 ng/ml



#3 AR-1016-1

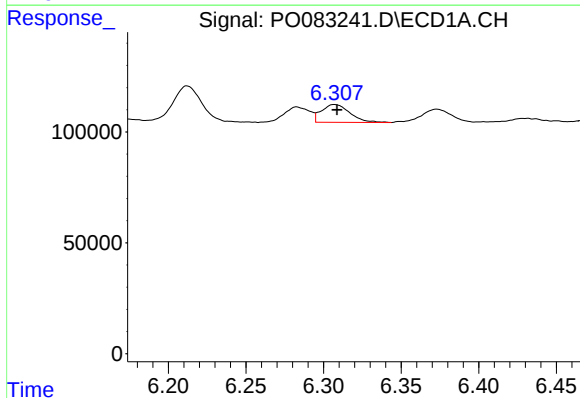
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 76598
Conc: 26.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



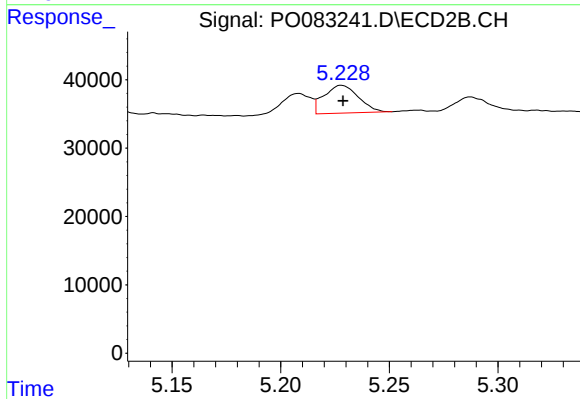
#3 AR-1016-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 28703
Conc: 21.79 ng/ml



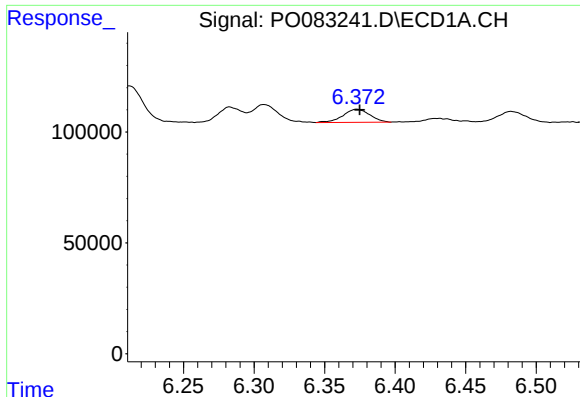
#4 AR-1016-2

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 102256
Conc: 24.81 ng/ml



#4 AR-1016-2

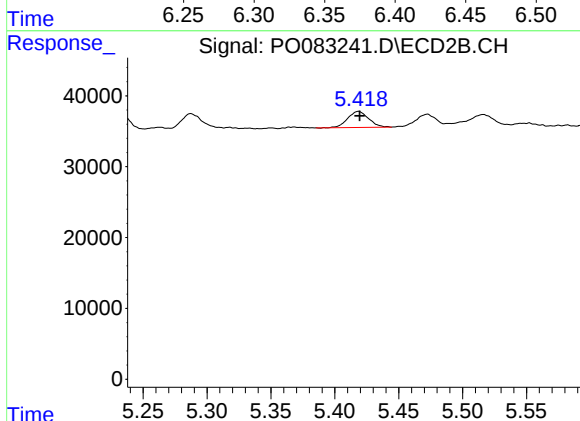
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 44918
Conc: 25.02 ng/ml



#5 AR-1016-3

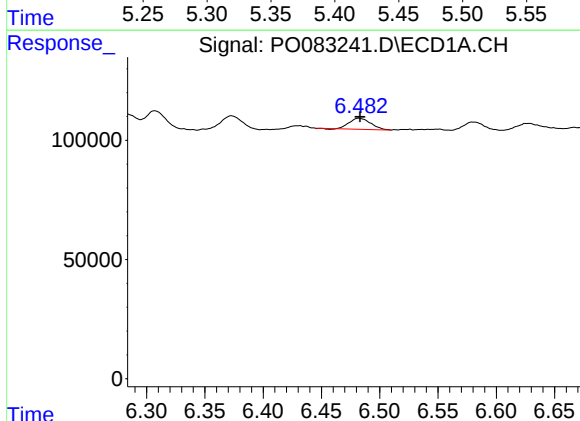
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 77756
Conc: 30.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



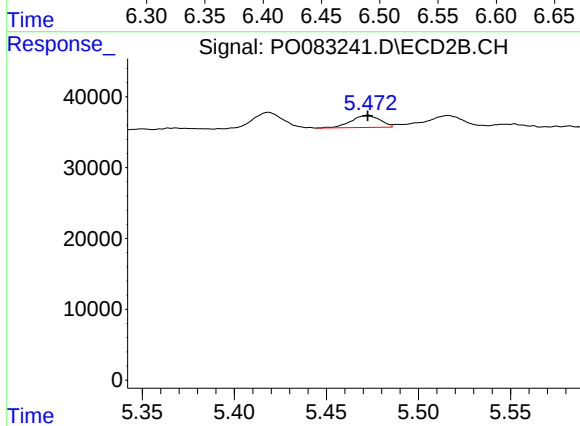
#5 AR-1016-3

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 26017
Conc: 26.66 ng/ml



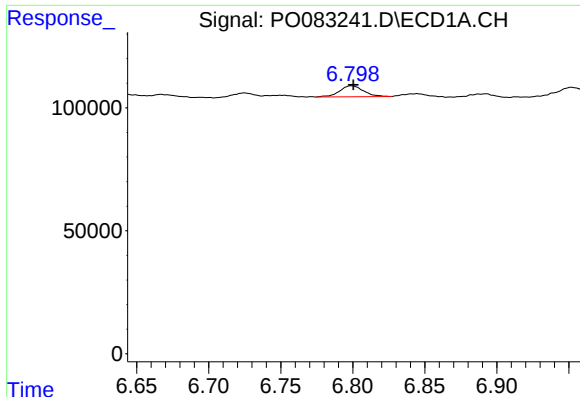
#6 AR-1016-4

R.T.: 6.482 min
Delta R.T.: -0.001 min
Response: 58688
Conc: 28.66 ng/ml



#6 AR-1016-4

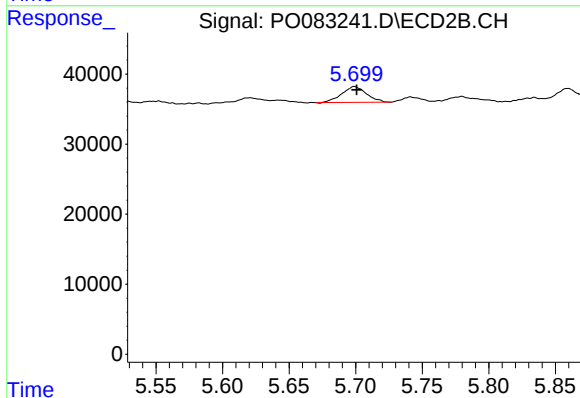
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 18700
Conc: 23.00 ng/ml



#7 AR-1016-5

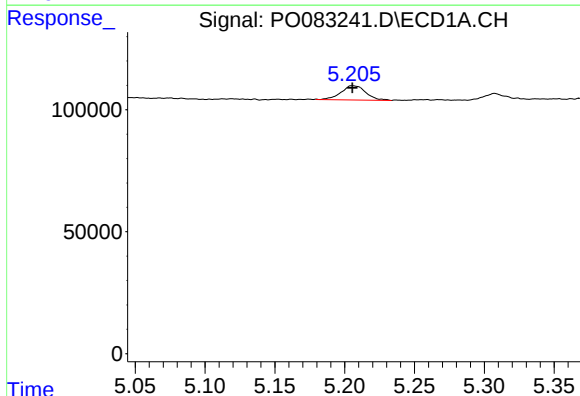
R.T.: 6.799 min
Delta R.T.: -0.001 min
Response: 51566
Conc: 25.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



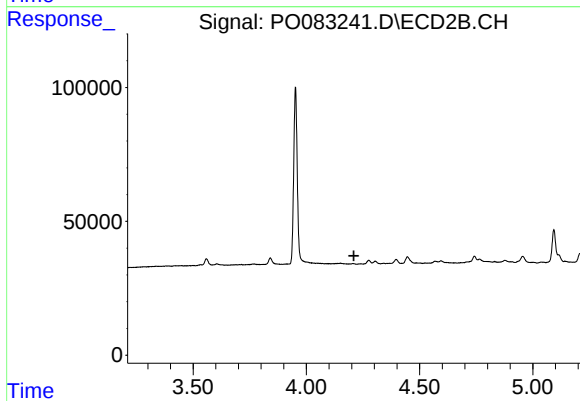
#7 AR-1016-5

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 29337
Conc: 28.92 ng/ml



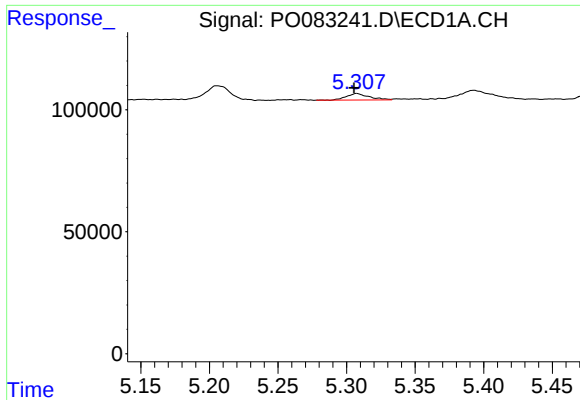
#8 AR-1221-1

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 71961
Conc: 75.94 ng/ml



#8 AR-1221-1

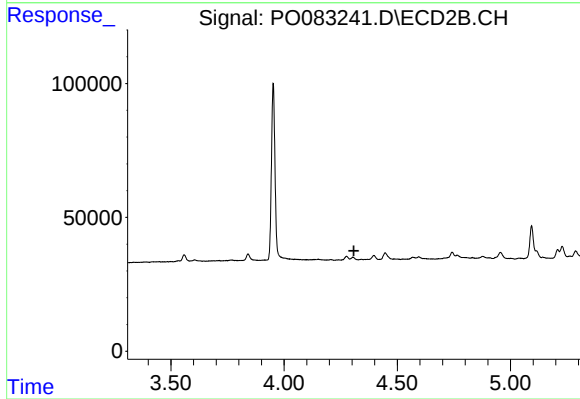
R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.



#9 AR-1221-2

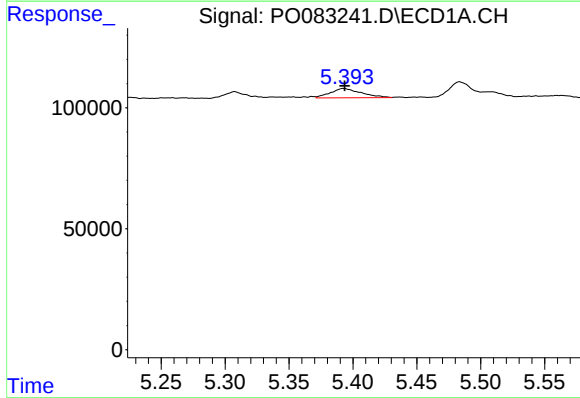
R.T.: 5.308 min
Delta R.T.: 0.002 min
Response: 30742
Conc: 45.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



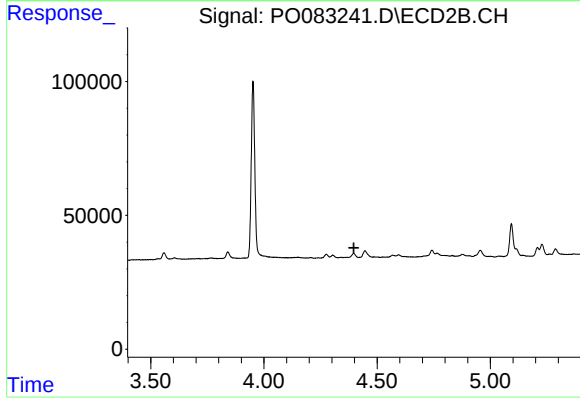
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.309 min
Response: 0
Conc: N.D.



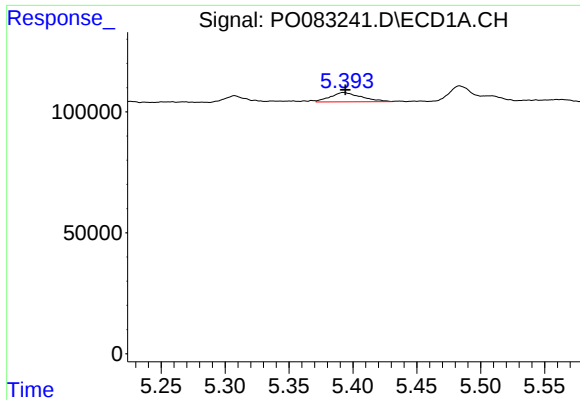
#10 AR-1221-3

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 64358
Conc: 29.94 ng/ml



#10 AR-1221-3

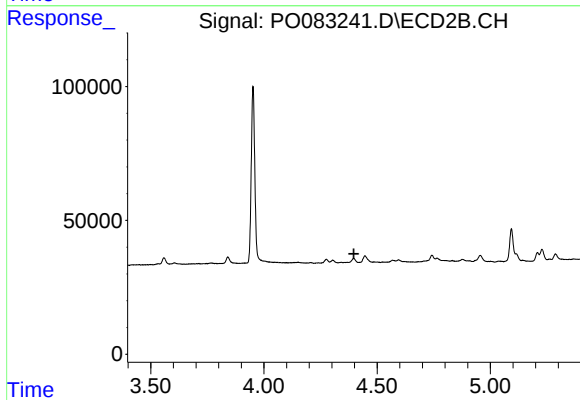
R.T.: 0.000 min
Exp R.T. : 4.397 min
Response: 0
Conc: N.D.



#11 AR-1232-1

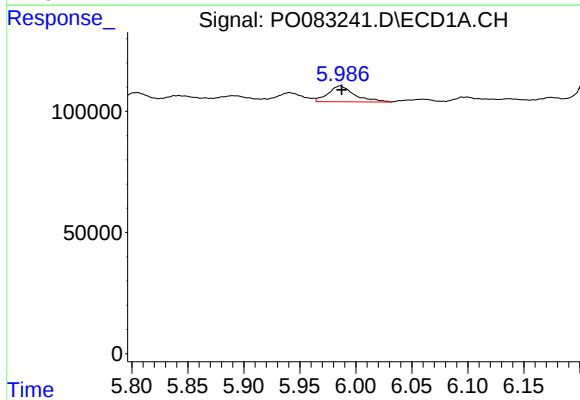
R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 64358
Conc: 36.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



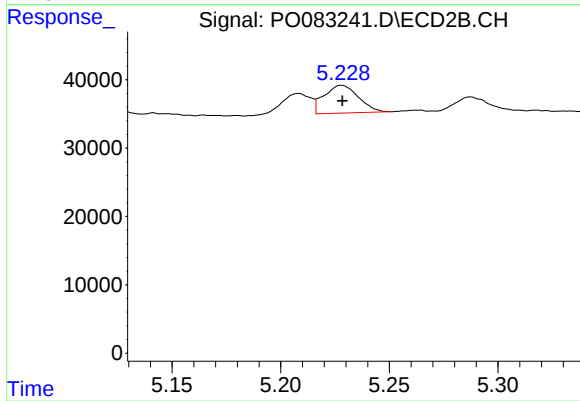
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.397 min
Response: 0
Conc: N.D.



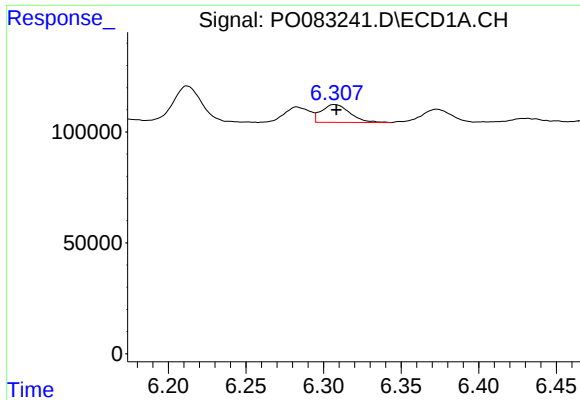
#12 AR-1232-2

R.T.: 5.986 min
Delta R.T.: -0.001 min
Response: 106263
Conc: 117.18 ng/ml



#12 AR-1232-2

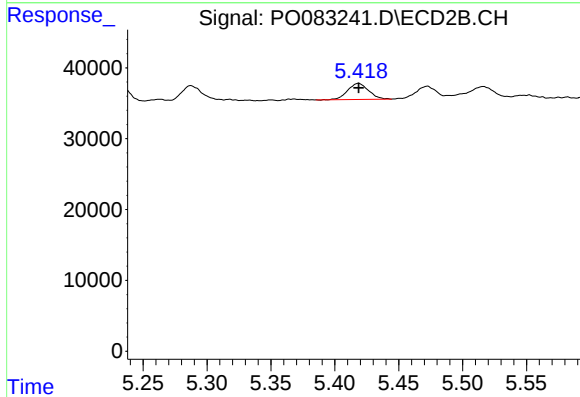
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 44918
Conc: 59.80 ng/ml



#13 AR-1232-3

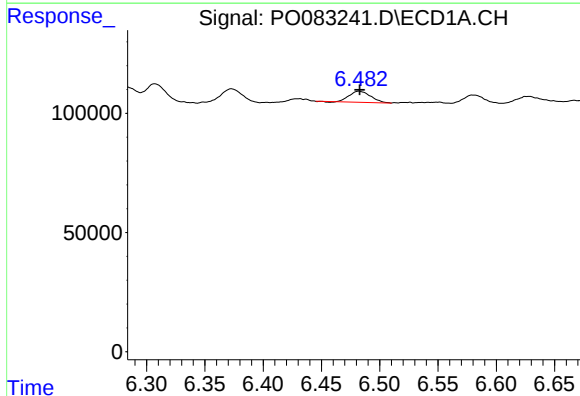
R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 102256
Conc: 62.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



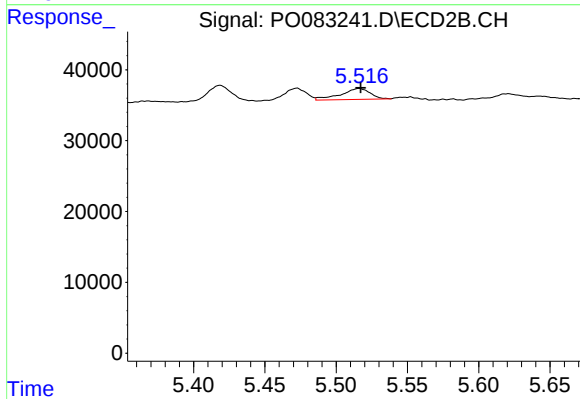
#13 AR-1232-3

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 26017
Conc: 65.69 ng/ml



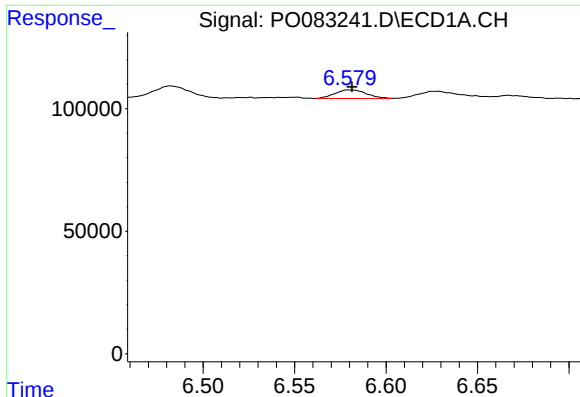
#14 AR-1232-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 58688
Conc: 73.31 ng/ml



#14 AR-1232-4

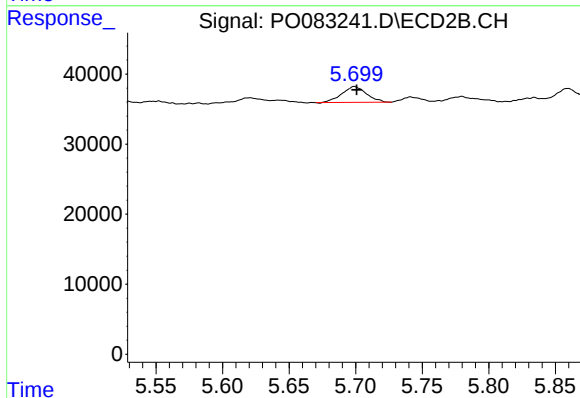
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 22051
Conc: 62.71 ng/ml



#15 AR-1232-5

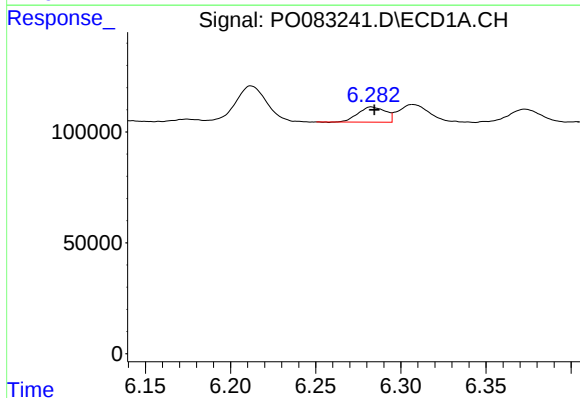
R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 41998
Conc: 74.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



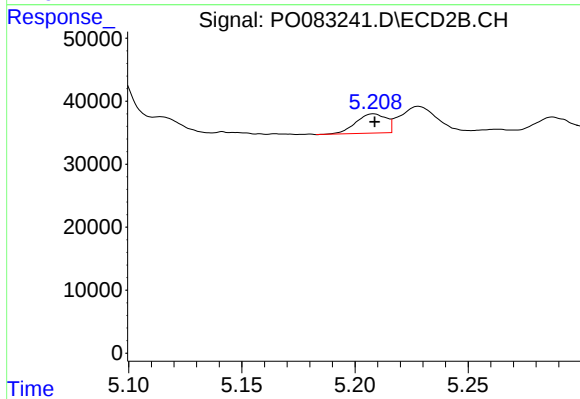
#15 AR-1232-5

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 29337
Conc: 76.41 ng/ml



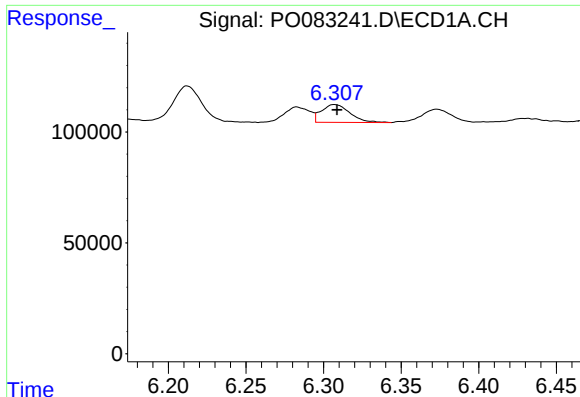
#16 AR-1242-1

R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 76598
Conc: 35.81 ng/ml



#16 AR-1242-1

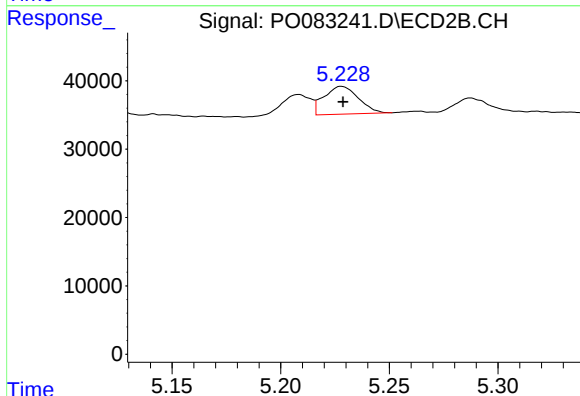
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 28703
Conc: 29.53 ng/ml



#17 AR-1242-2

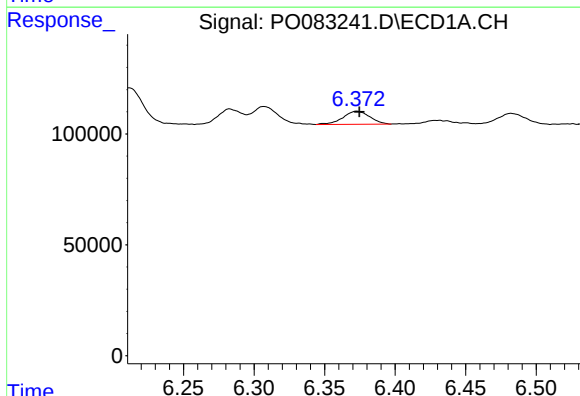
R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 102256
Conc: 33.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



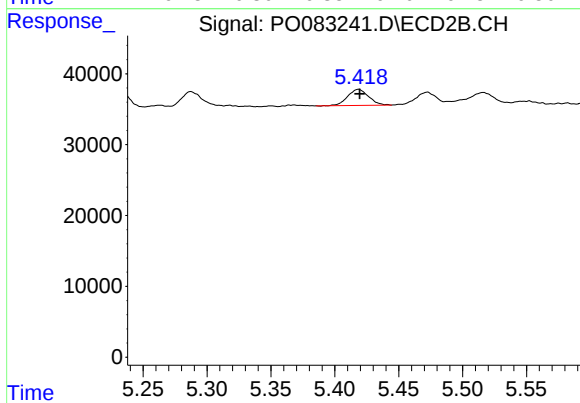
#17 AR-1242-2

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 44918
Conc: 34.24 ng/ml



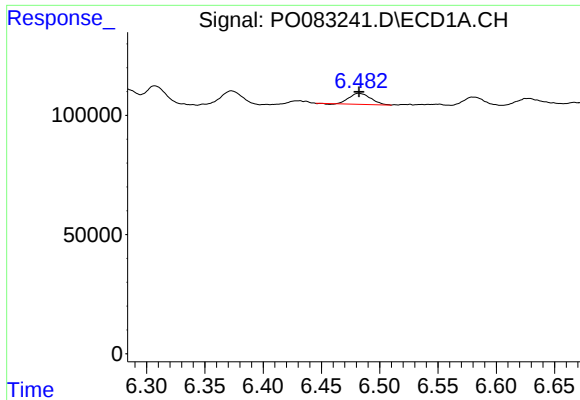
#18 AR-1242-3

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 77756
Conc: 41.64 ng/ml



#18 AR-1242-3

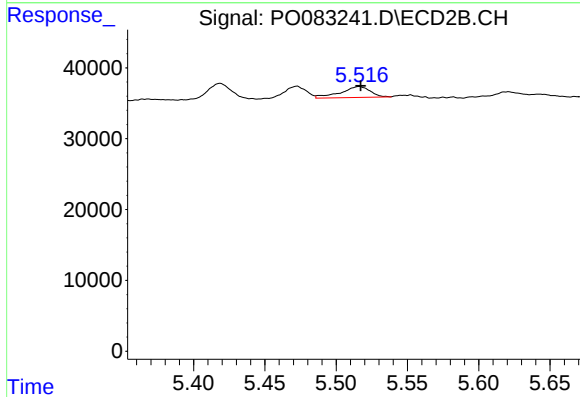
R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 26017
Conc: 35.91 ng/ml



#19 AR-1242-4

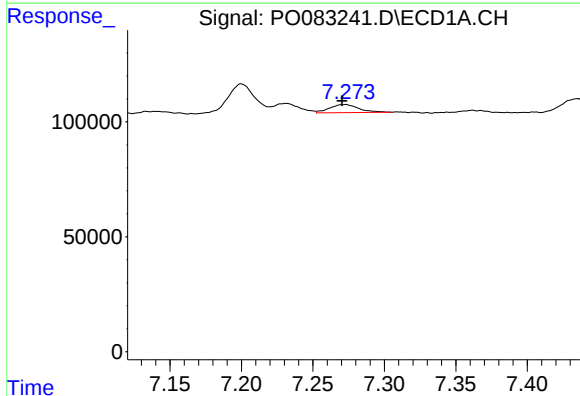
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 58688
Conc: 38.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



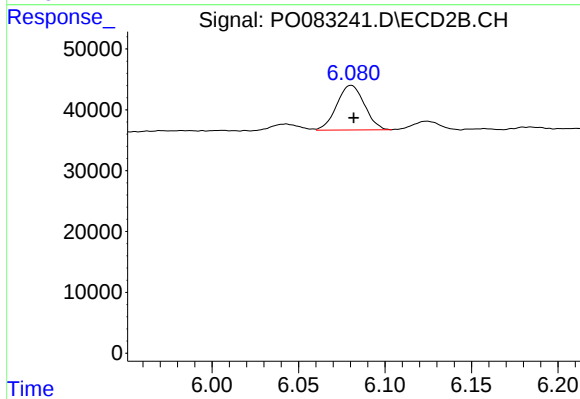
#19 AR-1242-4

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 22051
Conc: 32.03 ng/ml



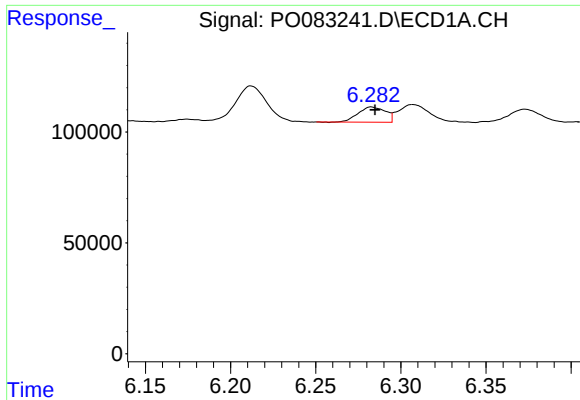
#20 AR-1242-5

R.T.: 7.273 min
Delta R.T.: 0.003 min
Response: 49865
Conc: 32.23 ng/ml



#20 AR-1242-5

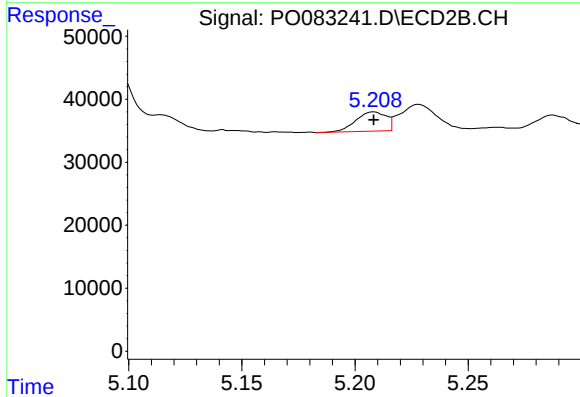
R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 81678
Conc: 88.19 ng/ml



#21 AR-1248-1

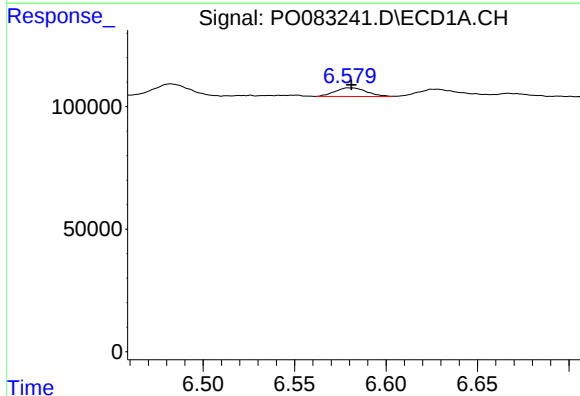
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 76598
Conc: 49.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



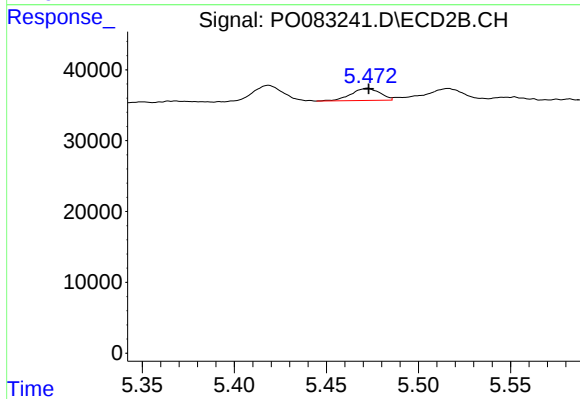
#21 AR-1248-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 28703
Conc: 40.27 ng/ml



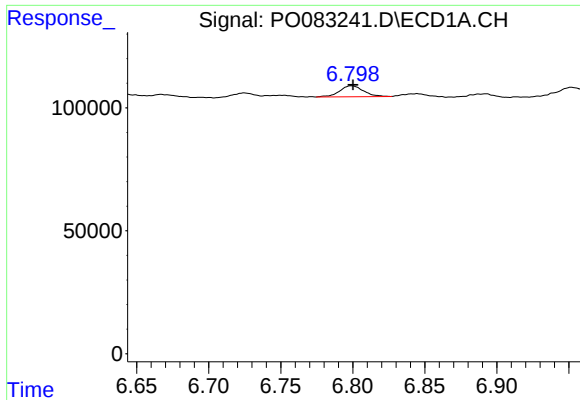
#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 41998
Conc: 19.77 ng/ml



#22 AR-1248-2

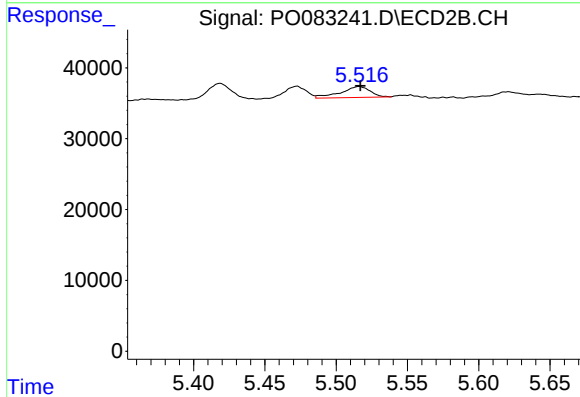
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 18700
Conc: 18.46 ng/ml



#23 AR-1248-3

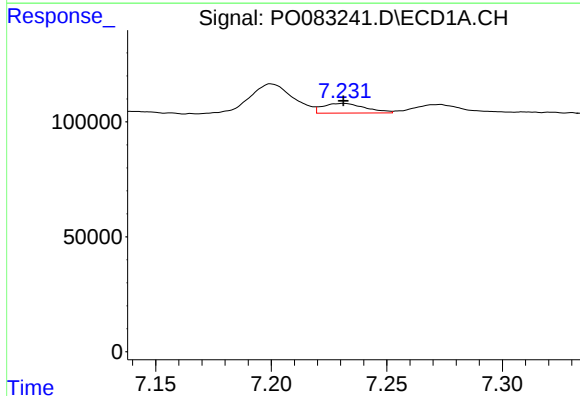
R.T.: 6.799 min
Delta R.T.: -0.001 min
Response: 51566
Conc: 20.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



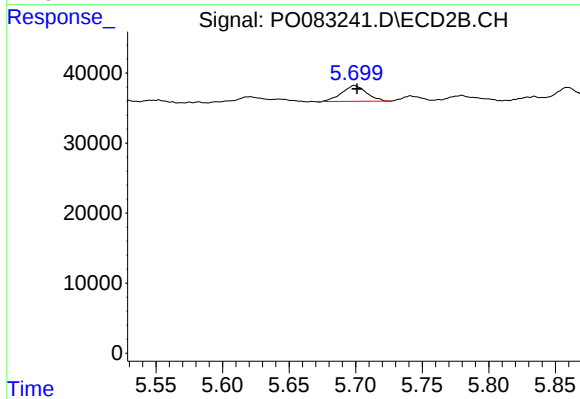
#23 AR-1248-3

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 22051
Conc: 22.26 ng/ml



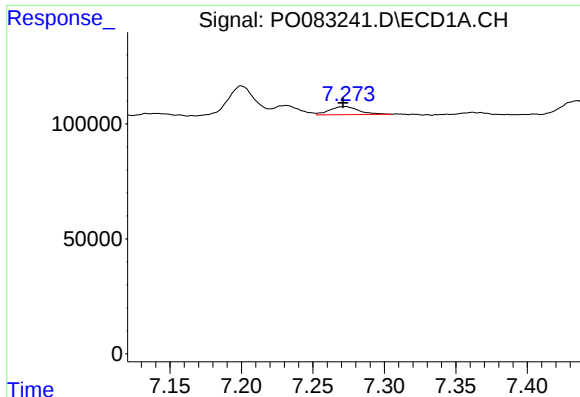
#24 AR-1248-4

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 53856
Conc: 20.56 ng/ml



#24 AR-1248-4

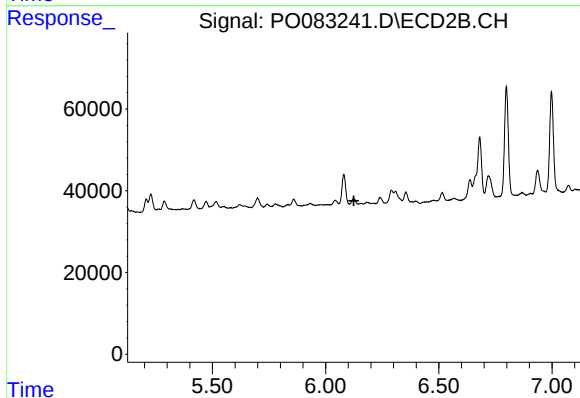
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 29337
Conc: 23.80 ng/ml



#25 AR-1248-5

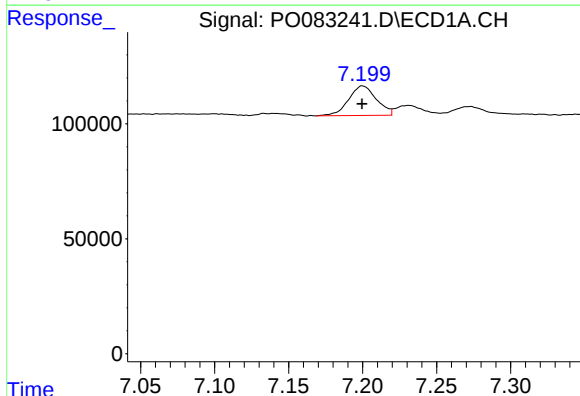
R.T.: 7.273 min
Delta R.T.: 0.002 min
Response: 49865
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



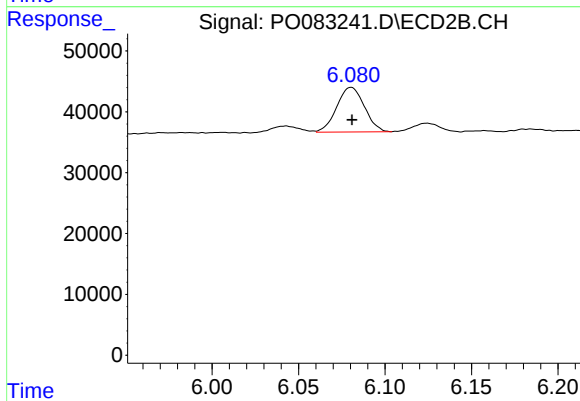
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.125 min
Response: 0
Conc: N.D.



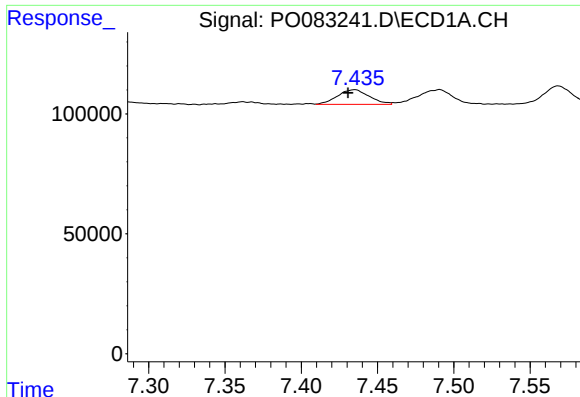
#26 AR-1254-1

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 169101
Conc: 60.76 ng/ml



#26 AR-1254-1

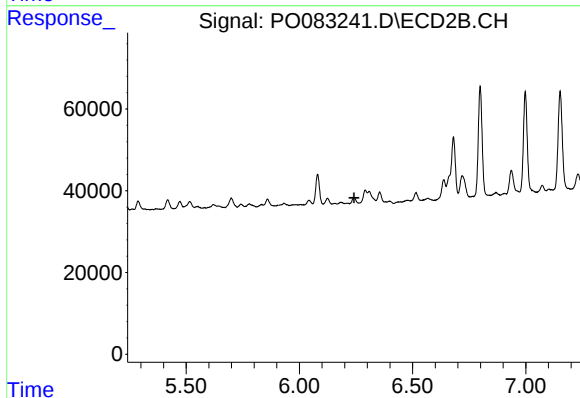
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 81678
Conc: 42.01 ng/ml



#27 AR-1254-2

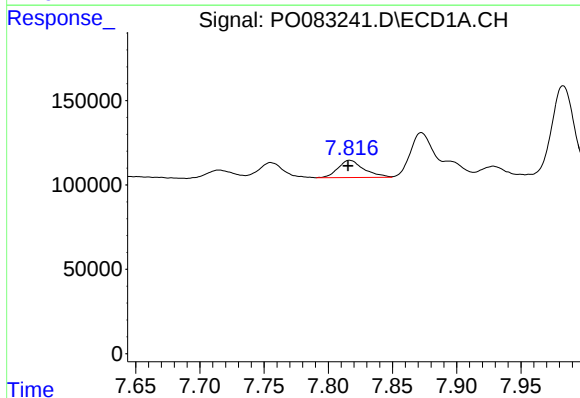
R.T.: 7.435 min
Delta R.T.: 0.005 min
Response: 88565
Conc: 21.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



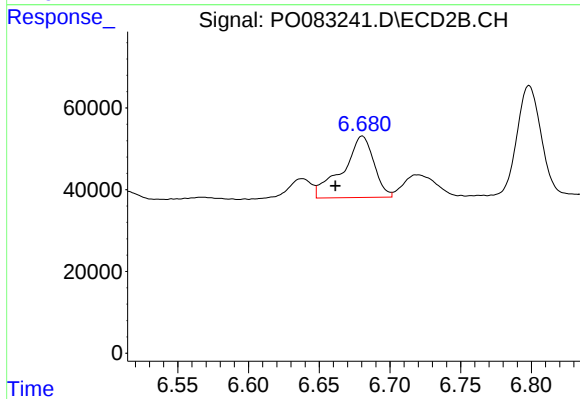
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



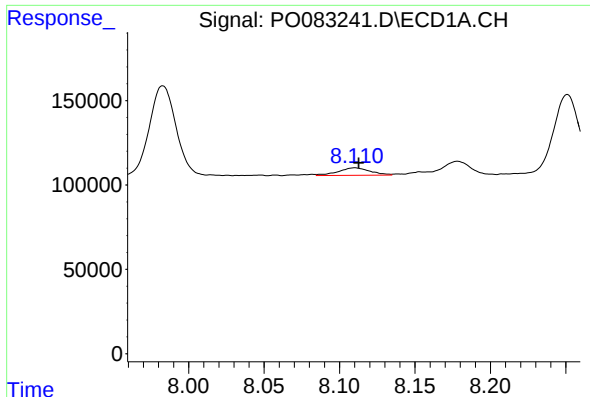
#28 AR-1254-3

R.T.: 7.817 min
Delta R.T.: 0.001 min
Response: 144123
Conc: 33.56 ng/ml



#28 AR-1254-3

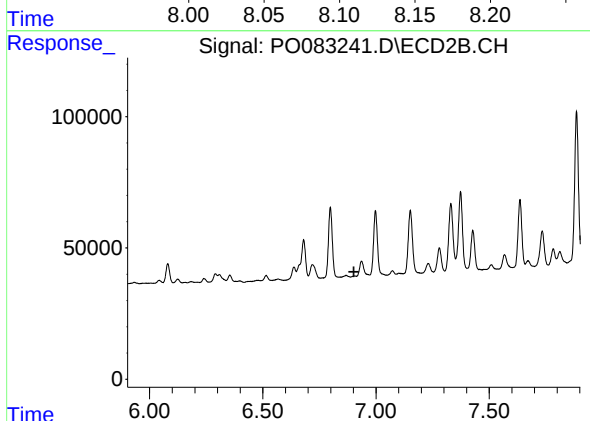
R.T.: 6.680 min
Delta R.T.: 0.019 min
Response: 230873
Conc: 90.31 ng/ml



#29 AR-1254-4

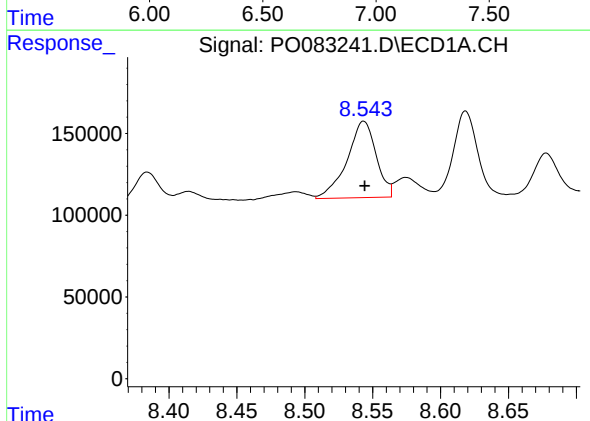
R.T.: 8.110 min
Delta R.T.: -0.003 min
Response: 65292
Conc: 21.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



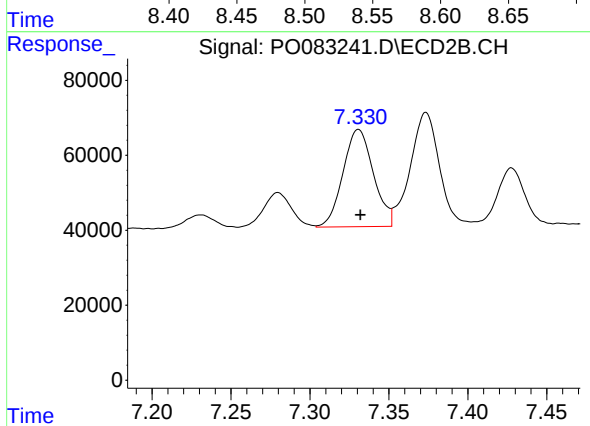
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



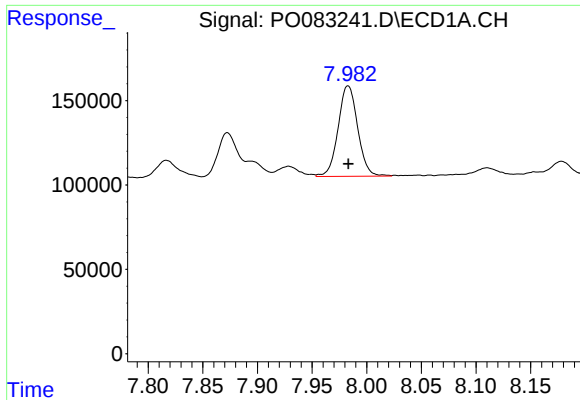
#30 AR-1254-5

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 698197
Conc: 217.79 ng/ml



#30 AR-1254-5

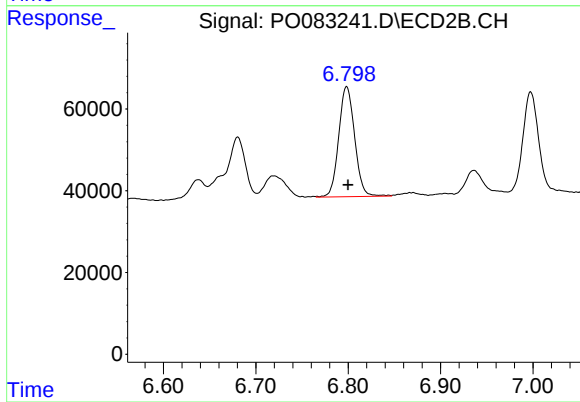
R.T.: 7.331 min
Delta R.T.: -0.001 min
Response: 348942
Conc: 149.96 ng/ml



#31 AR-1260-1

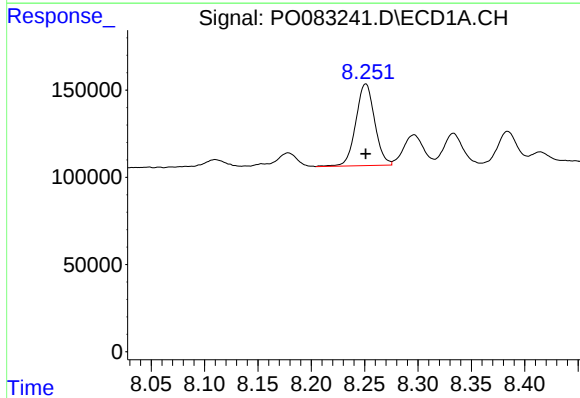
R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 668596
Conc: 210.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



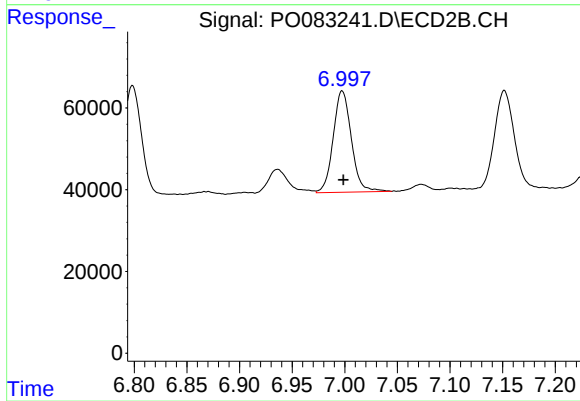
#31 AR-1260-1

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 323096
Conc: 176.82 ng/ml



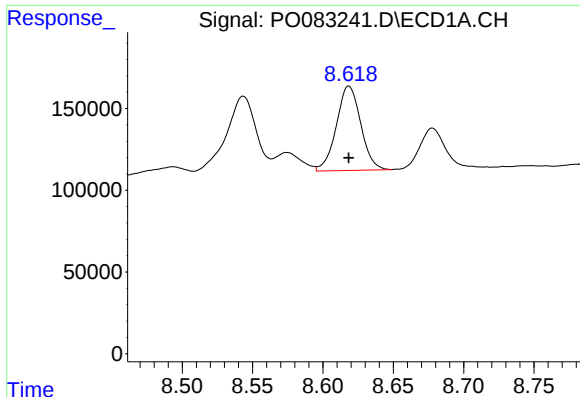
#32 AR-1260-2

R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 576603
Conc: 153.63 ng/ml



#32 AR-1260-2

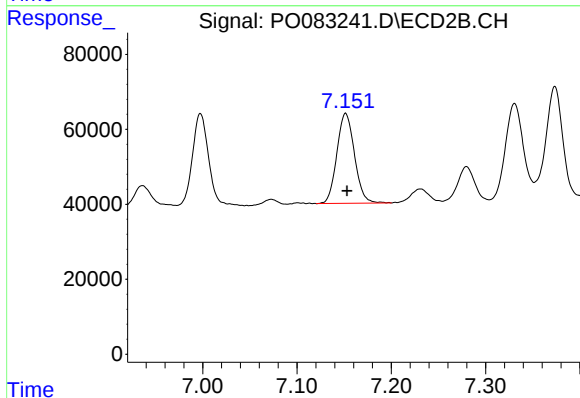
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 298019
Conc: 124.38 ng/ml



#33 AR-1260-3

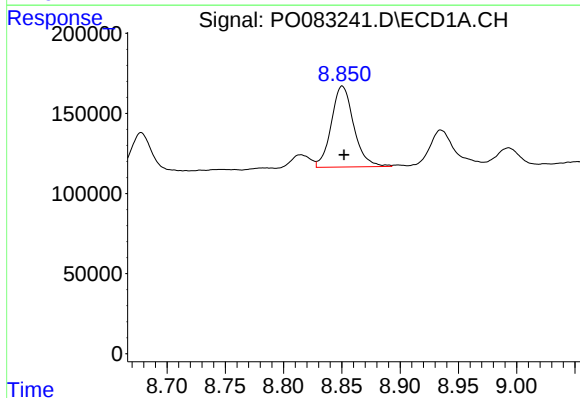
R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 624297
Conc: 218.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



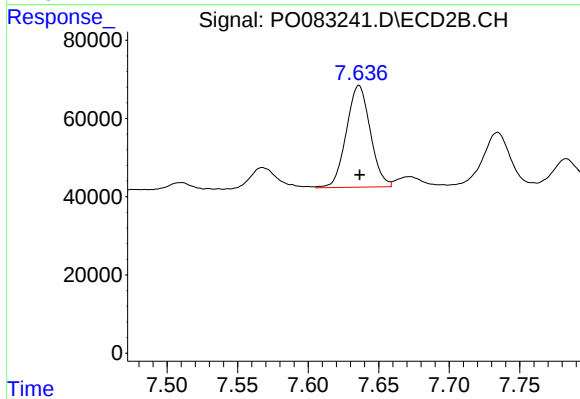
#33 AR-1260-3

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 312215
Conc: 152.22 ng/ml



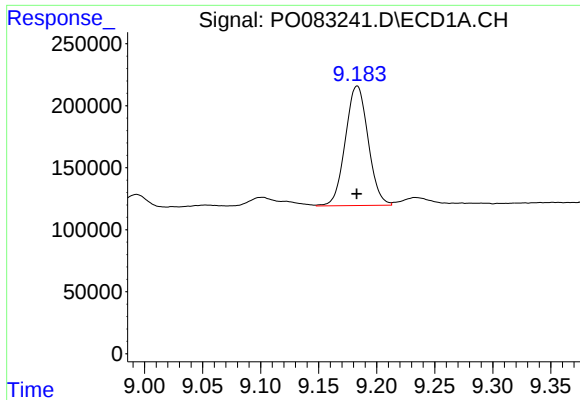
#34 AR-1260-4

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 679647
Conc: 210.43 ng/ml



#34 AR-1260-4

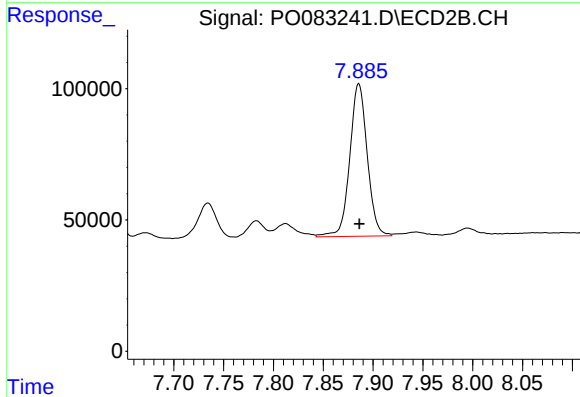
R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 307720
Conc: 174.83 ng/ml



#35 AR-1260-5

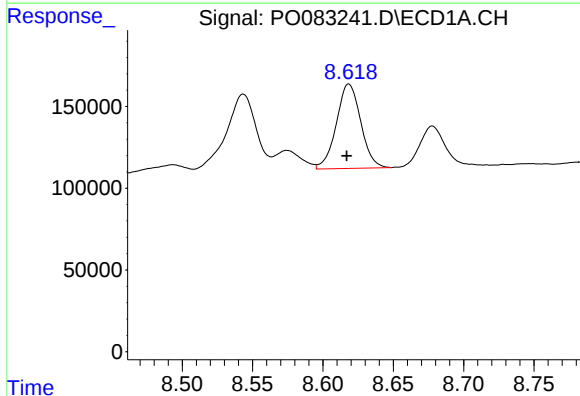
R.T.: 9.183 min
Delta R.T.: 0.000 min
Response: 1317204
Conc: 207.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



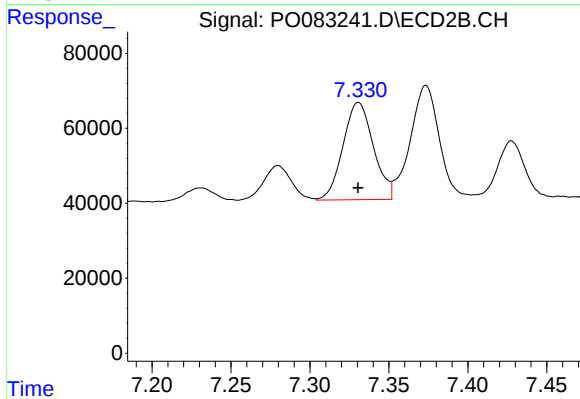
#35 AR-1260-5

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 710932
Conc: 159.23 ng/ml



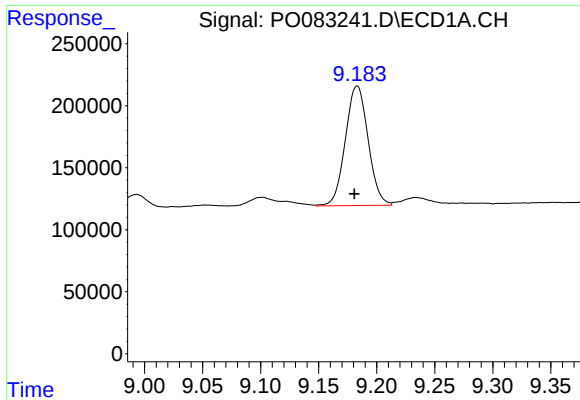
#36 AR-1262-1

R.T.: 8.618 min
Delta R.T.: 0.001 min
Response: 624297
Conc: 167.41 ng/ml



#36 AR-1262-1

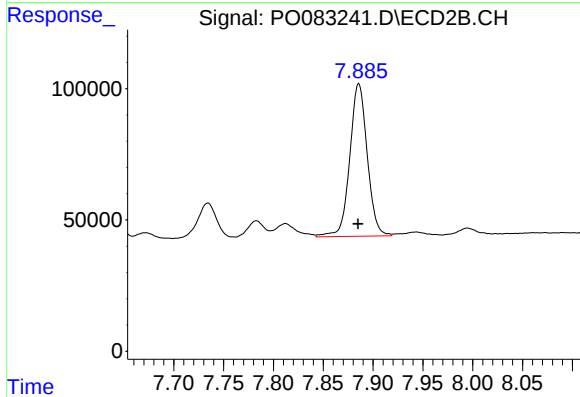
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 348942
Conc: 286.40 ng/ml



#37 AR-1262-2

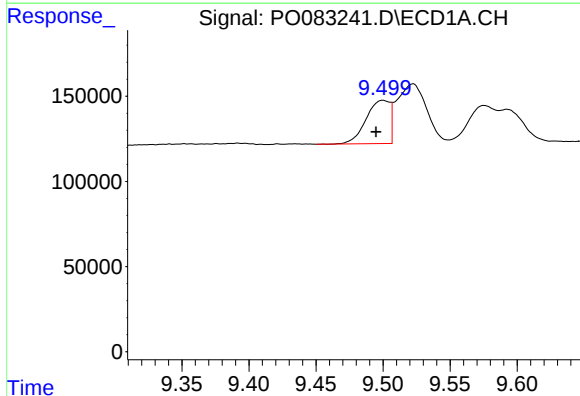
R.T.: 9.183 min
Delta R.T.: 0.002 min
Response: 1317204
Conc: 204.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



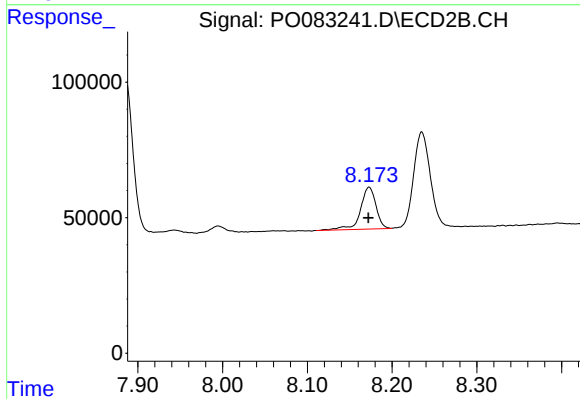
#37 AR-1262-2

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 710932
Conc: 157.37 ng/ml



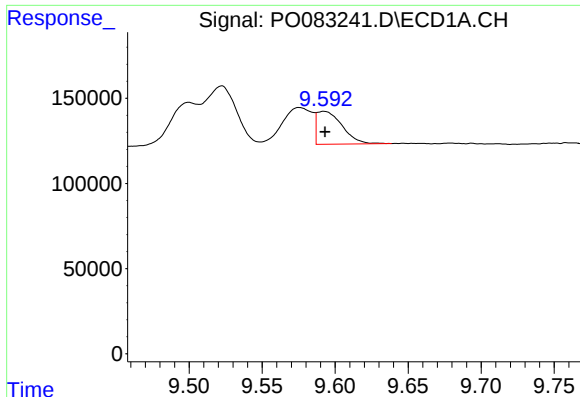
#38 AR-1262-3

R.T.: 9.500 min
Delta R.T.: 0.005 min
Response: 313222
Conc: 102.98 ng/ml



#38 AR-1262-3

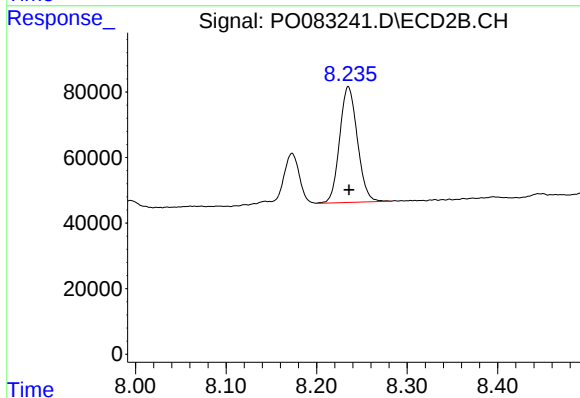
R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 197261
Conc: 105.41 ng/ml



#39 AR-1262-4

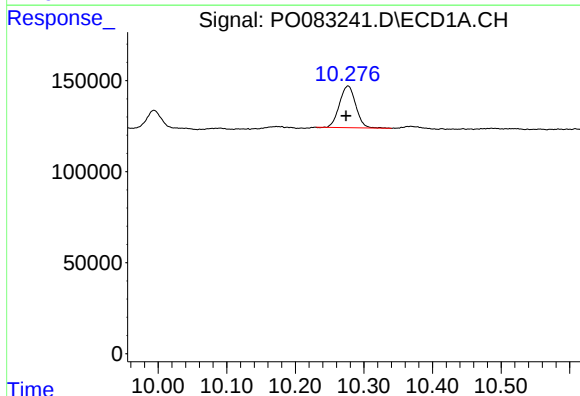
R.T.: 9.592 min
Delta R.T.: 0.000 min
Response: 232655
Conc: 122.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



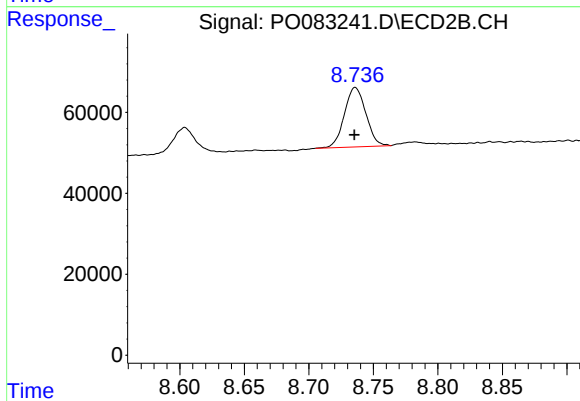
#39 AR-1262-4

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 481532
Conc: 152.05 ng/ml



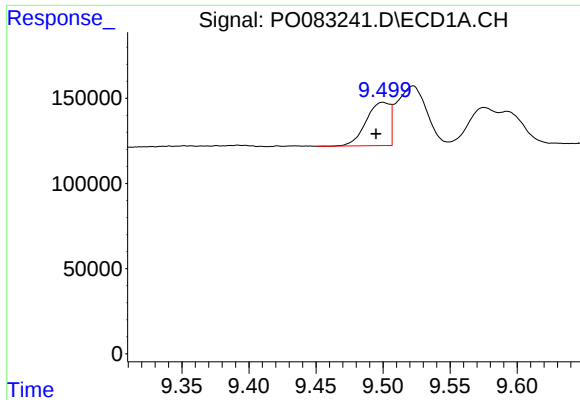
#40 AR-1262-5

R.T.: 10.277 min
Delta R.T.: 0.003 min
Response: 378454
Conc: 151.67 ng/ml



#40 AR-1262-5

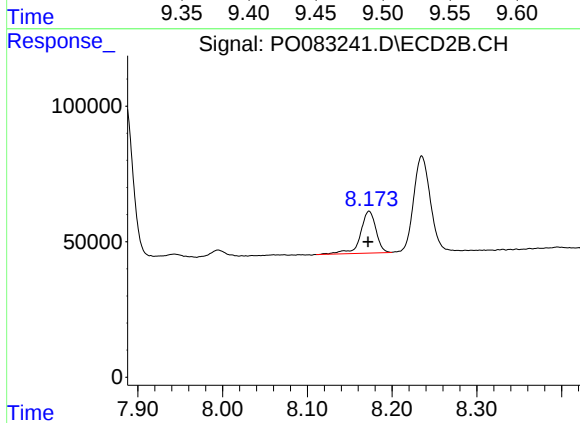
R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 170016
Conc: 114.67 ng/ml



#41 AR-1268-1

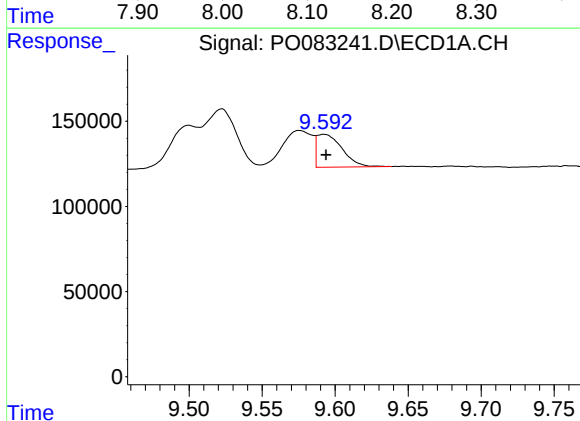
R.T.: 9.500 min
Delta R.T.: 0.005 min
Response: 313222
Conc: 37.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



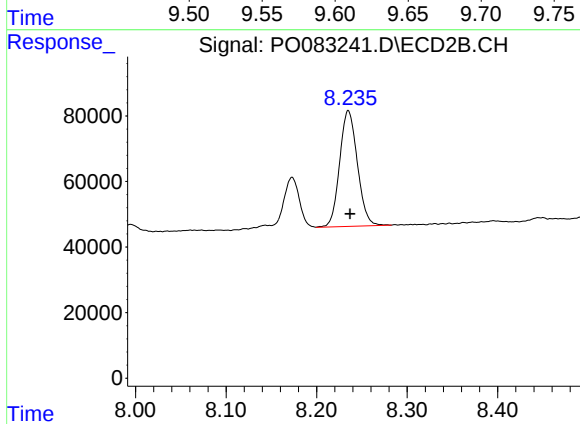
#41 AR-1268-1

R.T.: 8.173 min
Delta R.T.: 0.001 min
Response: 197261
Conc: 34.21 ng/ml



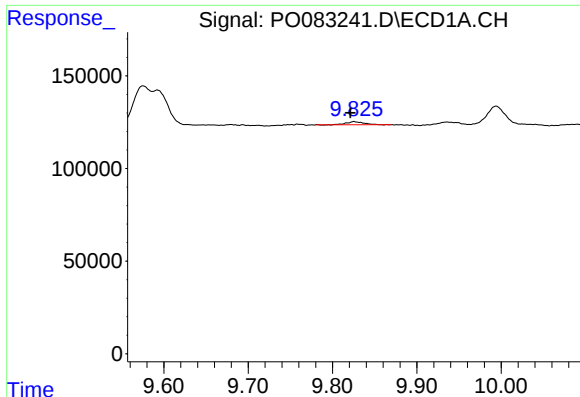
#42 AR-1268-2

R.T.: 9.592 min
Delta R.T.: -0.001 min
Response: 232655
Conc: 30.25 ng/ml



#42 AR-1268-2

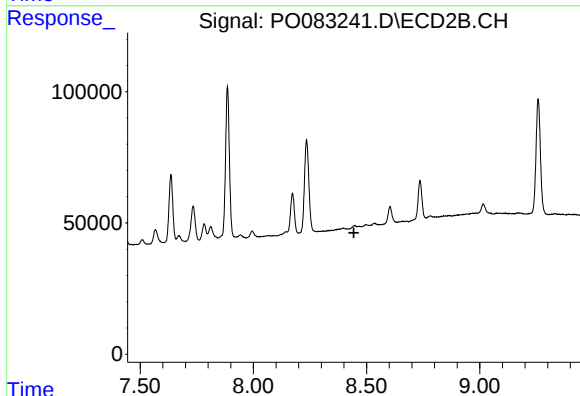
R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 481532
Conc: 100.26 ng/ml



#43 AR-1268-3

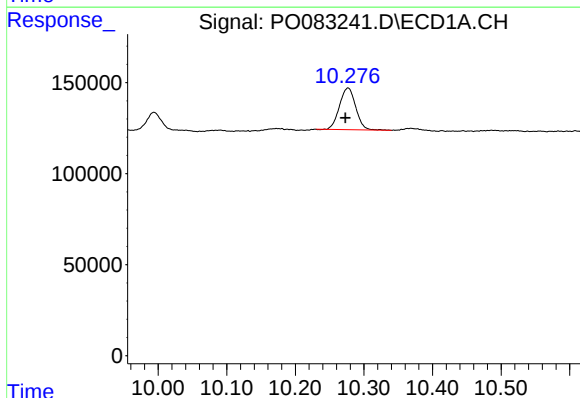
R.T.: 9.825 min
Delta R.T.: 0.004 min
Response: 22724
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



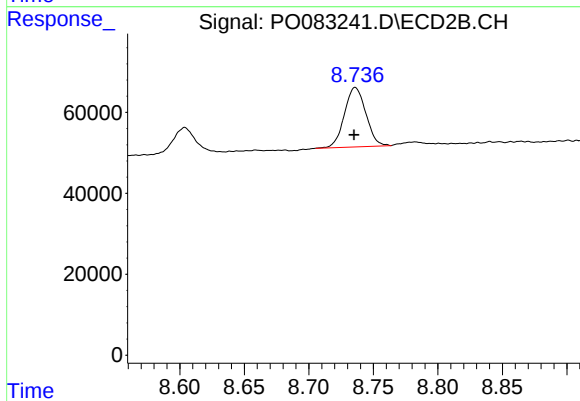
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



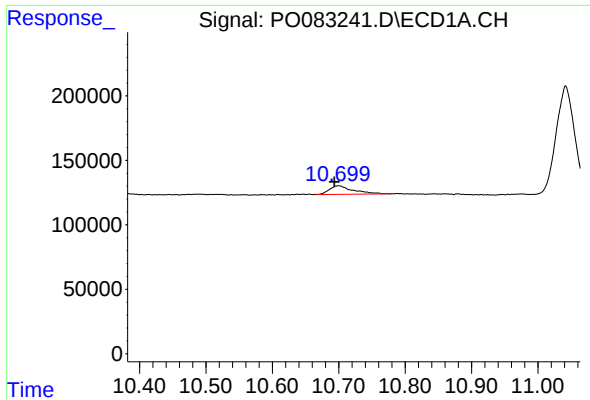
#44 AR-1268-4

R.T.: 10.277 min
Delta R.T.: 0.004 min
Response: 378454
Conc: 132.53 ng/ml



#44 AR-1268-4

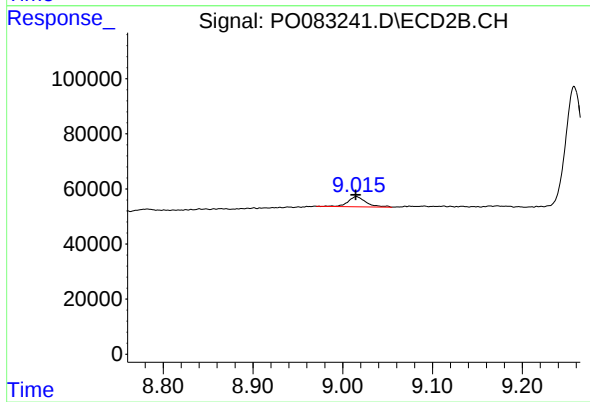
R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 170016
Conc: 100.30 ng/ml



#45 AR-1268-5

R.T.: 10.700 min
Delta R.T.: 0.006 min
Response: 165129
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 50287
Conc: 4.28 ng/ml