

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072319\
 Data File : P0058291.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jul 2019 23:23
 Operator : SM/AJ
 Sample : K3939-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 06:06:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.186	3.531	1104489	879851	32.593	27.432
2)	SA Decachlor...	9.700	8.429	7142415	896564	139.611	26.157 #
Target Compounds							
3)	L1 AR-1016-1	5.365	4.609	94484	69772	61.225	58.380
4)	L1 AR-1016-2	5.365	4.609	94484	69772	41.831	39.380
5)	L1 AR-1016-3	0.000	4.782	0	27026	N.D.	28.789 #
6)	L1 AR-1016-4	5.525	4.823	235610	57856	206.874	74.319 #
7)	L1 AR-1016-5	5.813	5.032	373808	46887	325.879	45.735 #
12)	L3 AR-1232-2	0.000	4.609	0	69772	N.D.	88.394 #
13)	L3 AR-1232-3	5.365	4.782	94484	27026	94.867	65.669 #
14)	L3 AR-1232-4	5.525	4.863	235610	25040	472.486	68.228 #
15)	L3 AR-1232-5	5.613	5.032	706991	46887	1874.973	113.276 #
16)	L4 AR-1242-1	5.365	4.609	94484	69772	77.144	73.214
17)	L4 AR-1242-2	5.365	4.609	94484	69772	51.461	50.011
18)	L4 AR-1242-3	0.000	4.782	0	27026	N.D.	35.249 #
19)	L4 AR-1242-4	5.525	4.863	235610	25040	249.901	32.991 #
20)	L4 AR-1242-5	6.250	5.377	98025	250015	84.651	262.383 #
21)	L5 AR-1248-1	5.365	4.609	94484	69772	101.070	95.009
22)	L5 AR-1248-2	5.613	4.823	706991	57856	524.691	56.777 #
23)	L5 AR-1248-3	5.813	4.863	373808	25040	241.126	23.821 #
24)	L5 AR-1248-4	6.212	5.032	119230	46887	60.899	36.414 #
25)	L5 AR-1248-5	6.250	5.418	98025	69030	51.434	54.604
26)	L6 AR-1254-1	6.182	5.377	399450	250015	203.263	122.710 #
27)	L6 AR-1254-2	6.399	5.523	873289	284023	267.139	156.736 #
28)	L6 AR-1254-3	6.763	5.920	663542	543381	188.090	185.553
29)	L6 AR-1254-4	7.049	6.147	3230831	315547	1091.931	170.784 #
30)	L6 AR-1254-5	7.489	6.559	729621	798156	248.572	293.603
31)	L7 AR-1260-1	6.923	6.047	419547	302046	167.743	149.144
32)	L7 AR-1260-2	7.176	6.235	1674863	344623	476.373	134.010 #
33)	L7 AR-1260-3	7.532	6.384	568316	315328	193.555	138.258 #
34)	L7 AR-1260-4	7.753	6.849	1211715	71893	443.568	37.130 #
35)	L7 AR-1260-5	8.065	7.093	297820	187635	51.336	40.768
36)	L8 AR-1262-1	7.532	6.627	568316	41828	102.866	10.531 #
37)	L8 AR-1262-2	8.065	7.093	297820	187635	35.022	29.049
38)	L8 AR-1262-3	8.367	7.369	431112	32109	76.587	11.649 #
39)	L8 AR-1262-4	8.462	7.434	206680	124070	45.300	25.985 #
40)	L8 AR-1262-5	0.000	7.927	0	52949	N.D.	26.622 #
41)	L9 AR-1268-1	8.367	7.369	431112	32109	41.925	4.113 #
42)	L9 AR-1268-2	8.462	7.434	206680	124070	22.565	17.413
43)	L9 AR-1268-3	8.712	7.632	433127	17420	54.233	2.892 #
44)	L9 AR-1268-4	0.000	7.927	0	52949	N.D.	25.312 #
45)	L9 AR-1268-5	9.409	8.198	4866382	28992	223.402	1.739 #

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Acq On : 22 Jul 2019 23:23
Operator : SM/AJ
Sample : K3939-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

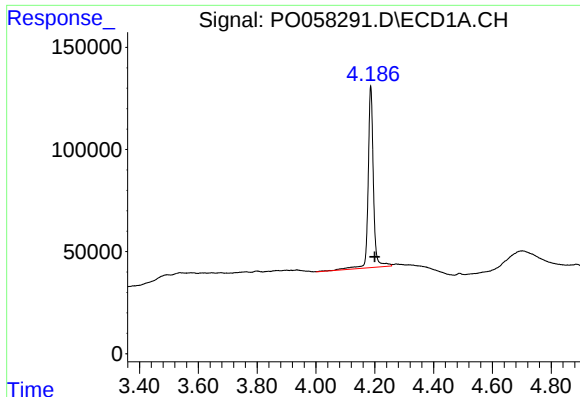
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 06:06:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
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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

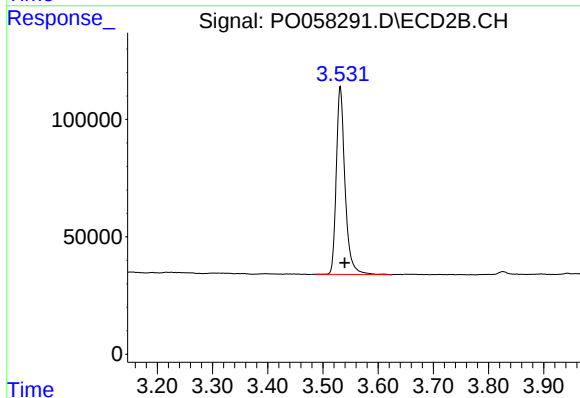
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

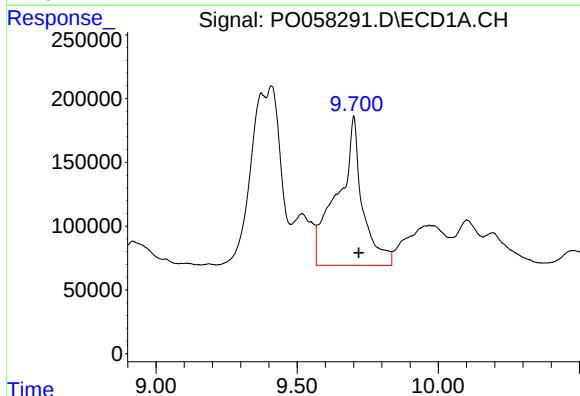
R.T.: 4.186 min
Delta R.T.: -0.014 min
Response: 1104489
Conc: 32.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



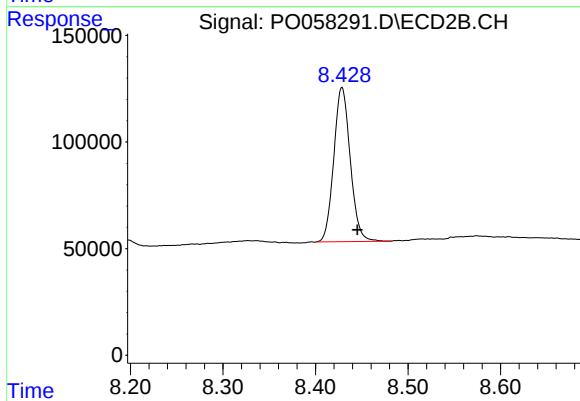
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.008 min
Response: 879851
Conc: 27.43 ng/ml



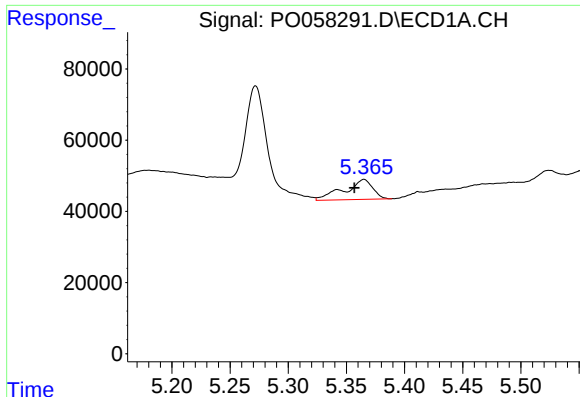
#2 Decachlorobiphenyl

R.T.: 9.700 min
Delta R.T.: -0.018 min
Response: 7142415
Conc: 139.61 ng/ml



#2 Decachlorobiphenyl

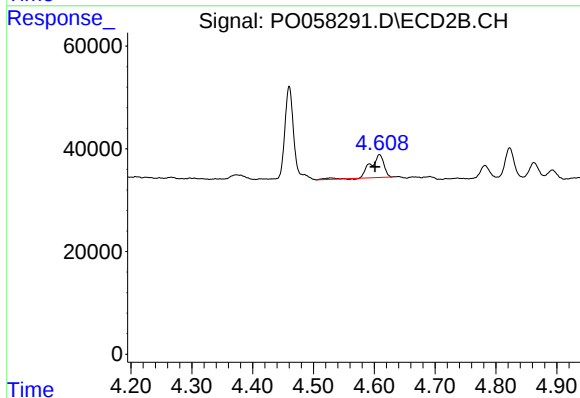
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 896564
Conc: 26.16 ng/ml



#3 AR-1016-1

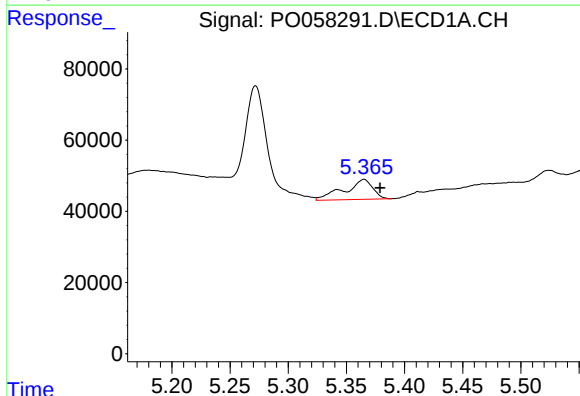
R.T.: 5.365 min
Delta R.T.: 0.008 min
Response: 94484
Conc: 61.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



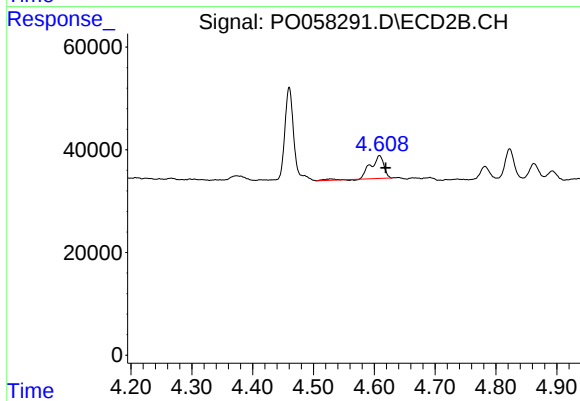
#3 AR-1016-1

R.T.: 4.609 min
Delta R.T.: 0.007 min
Response: 69772
Conc: 58.38 ng/ml



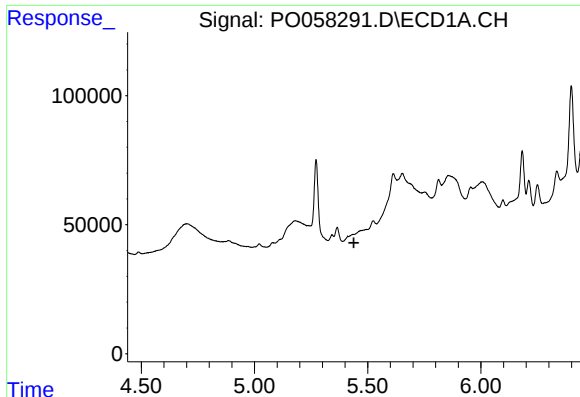
#4 AR-1016-2

R.T.: 5.365 min
Delta R.T.: -0.014 min
Response: 94484
Conc: 41.83 ng/ml



#4 AR-1016-2

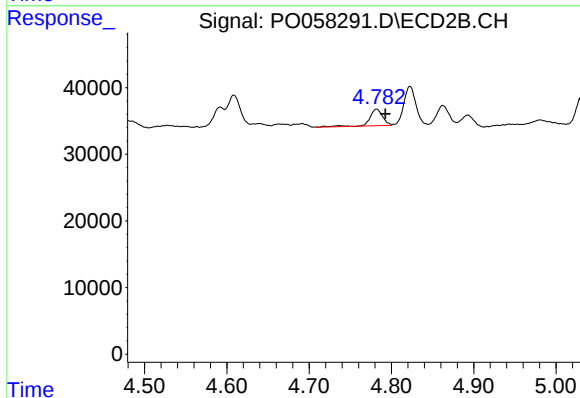
R.T.: 4.609 min
Delta R.T.: -0.010 min
Response: 69772
Conc: 39.38 ng/ml



#5 AR-1016-3

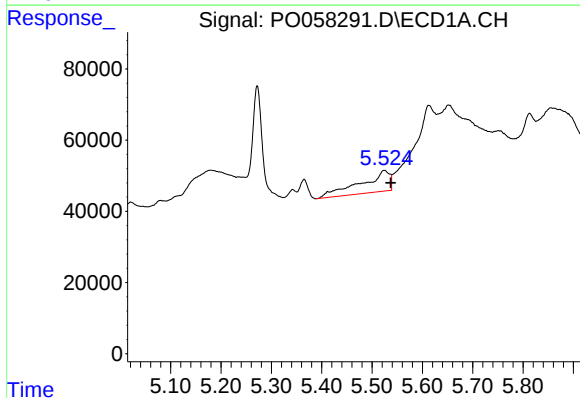
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



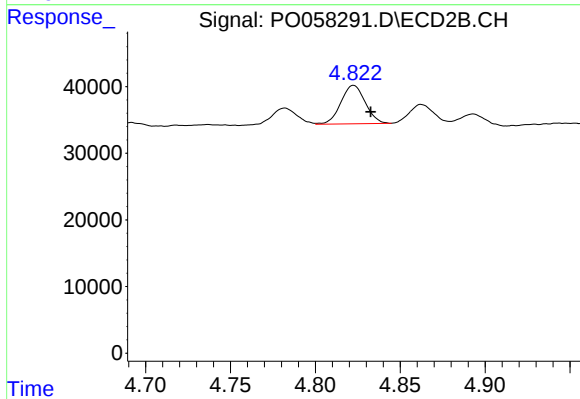
#5 AR-1016-3

R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 27026
Conc: 28.79 ng/ml



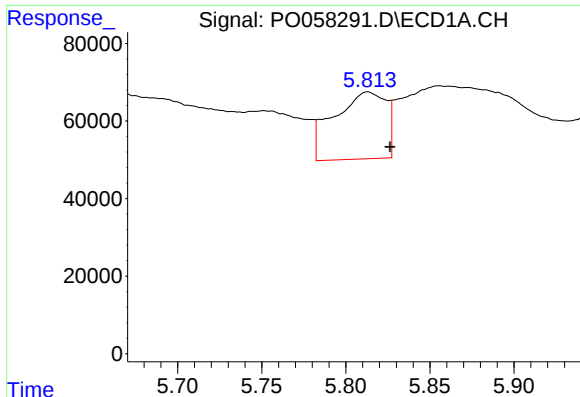
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: -0.013 min
Response: 235610
Conc: 206.87 ng/ml



#6 AR-1016-4

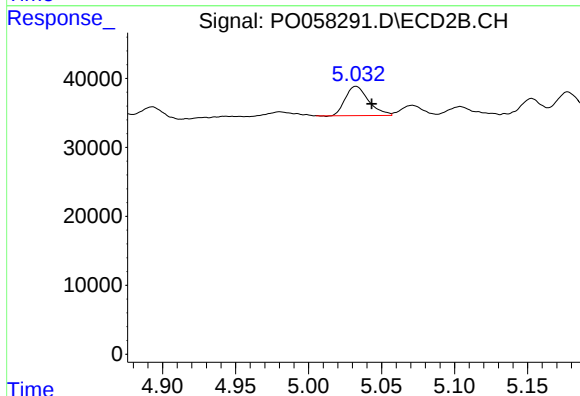
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 57856
Conc: 74.32 ng/ml



#7 AR-1016-5

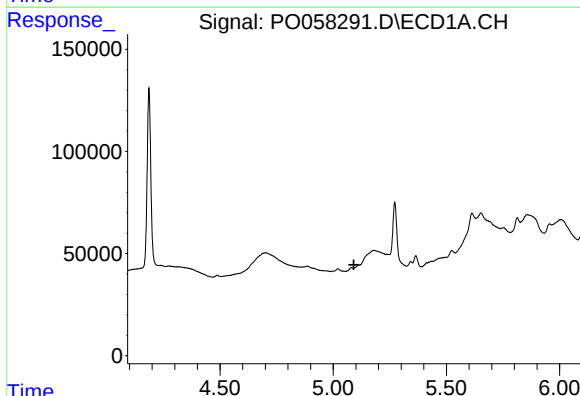
R.T.: 5.813 min
Delta R.T.: -0.013 min
Response: 373808
Conc: 325.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



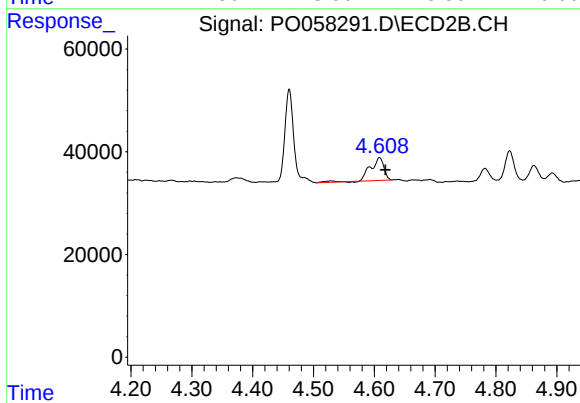
#7 AR-1016-5

R.T.: 5.032 min
Delta R.T.: -0.011 min
Response: 46887
Conc: 45.73 ng/ml



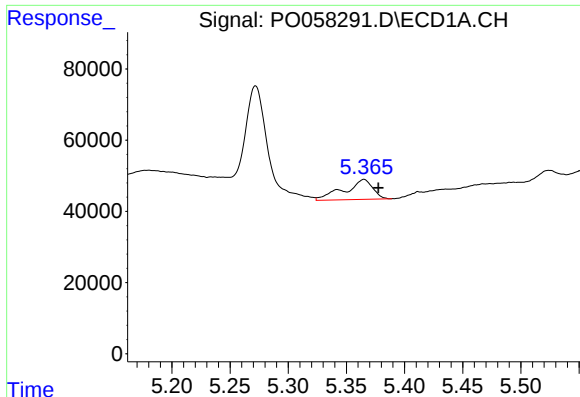
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.091 min
Response: 0
Conc: N.D.



#12 AR-1232-2

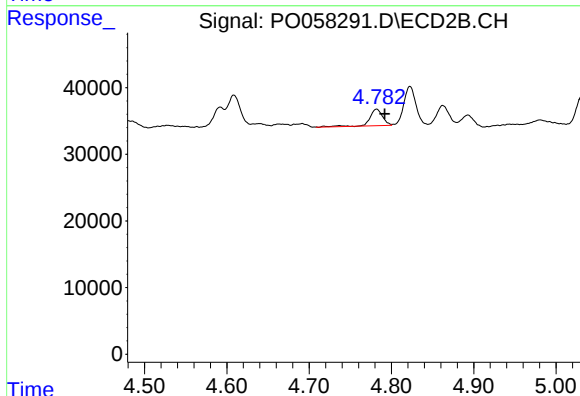
R.T.: 4.609 min
Delta R.T.: -0.010 min
Response: 69772
Conc: 88.39 ng/ml



#13 AR-1232-3

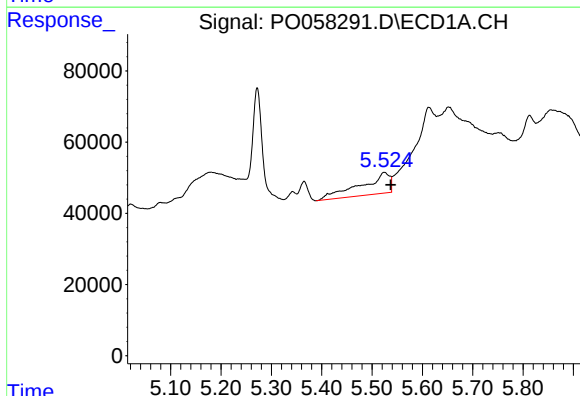
R.T.: 5.365 min
Delta R.T.: -0.013 min
Response: 94484
Conc: 94.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



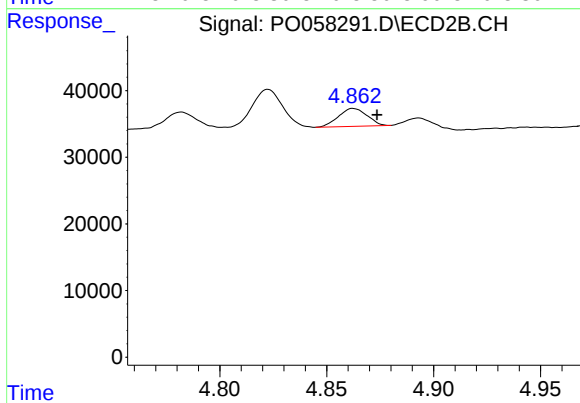
#13 AR-1232-3

R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 27026
Conc: 65.67 ng/ml



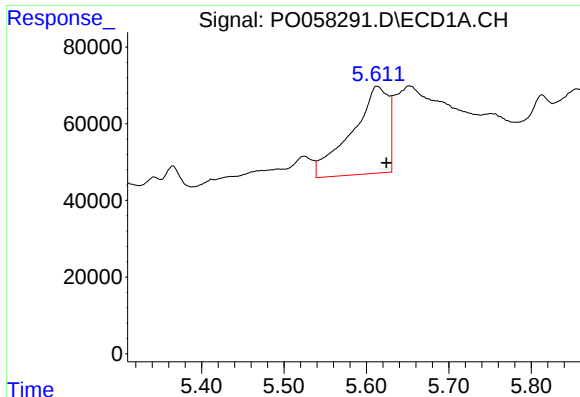
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: -0.013 min
Response: 235610
Conc: 472.49 ng/ml



#14 AR-1232-4

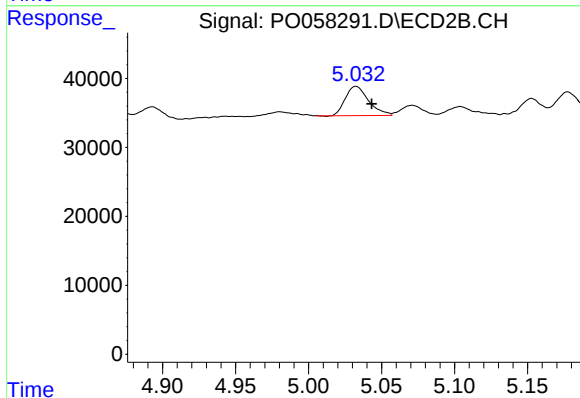
R.T.: 4.863 min
Delta R.T.: -0.011 min
Response: 25040
Conc: 68.23 ng/ml



#15 AR-1232-5

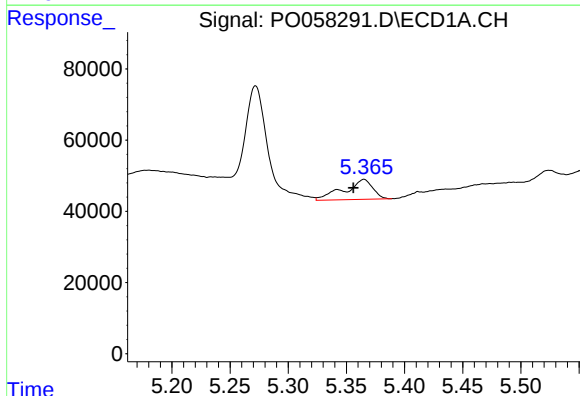
R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 706991
Conc: 1874.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



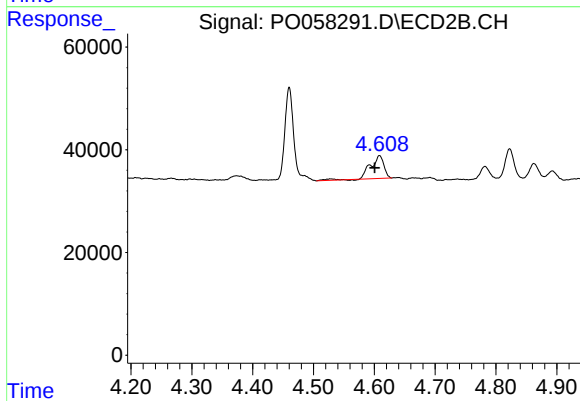
#15 AR-1232-5

R.T.: 5.032 min
Delta R.T.: -0.011 min
Response: 46887
Conc: 113.28 ng/ml



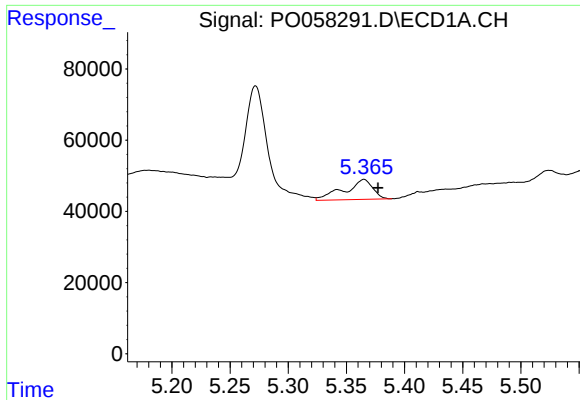
#16 AR-1242-1

R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 94484
Conc: 77.14 ng/ml



#16 AR-1242-1

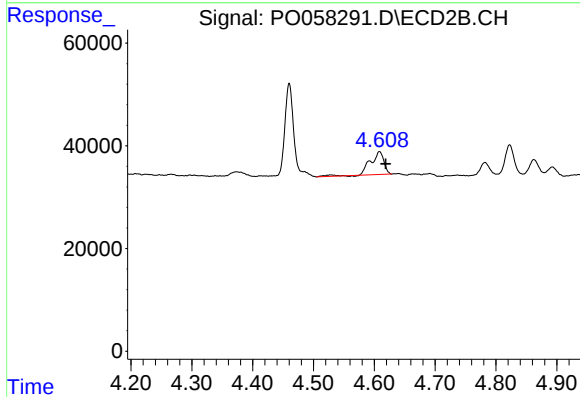
R.T.: 4.609 min
Delta R.T.: 0.008 min
Response: 69772
Conc: 73.21 ng/ml



#17 AR-1242-2

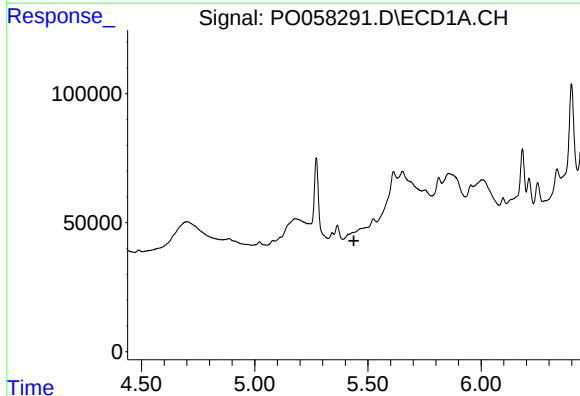
R.T.: 5.365 min
Delta R.T.: -0.012 min
Response: 94484
Conc: 51.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



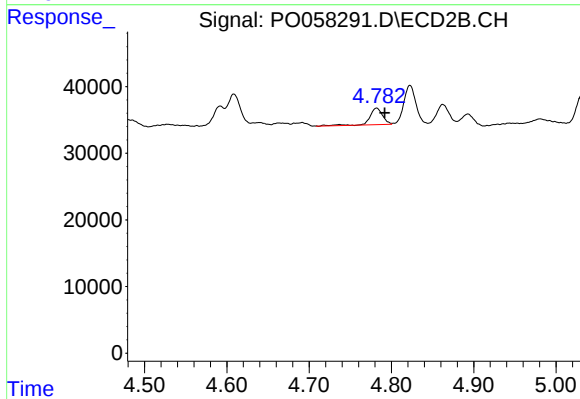
#17 AR-1242-2

R.T.: 4.609 min
Delta R.T.: -0.010 min
Response: 69772
Conc: 50.01 ng/ml



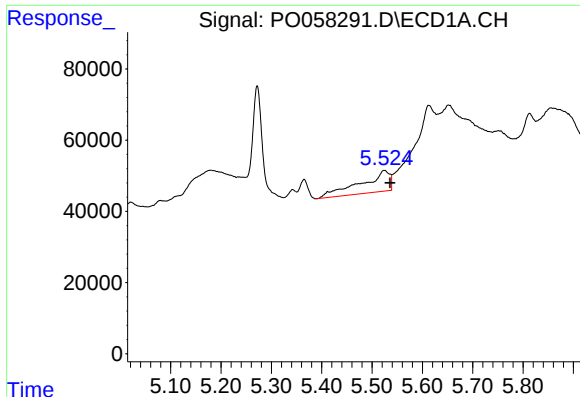
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.438 min
Response: 0
Conc: N.D.



#18 AR-1242-3

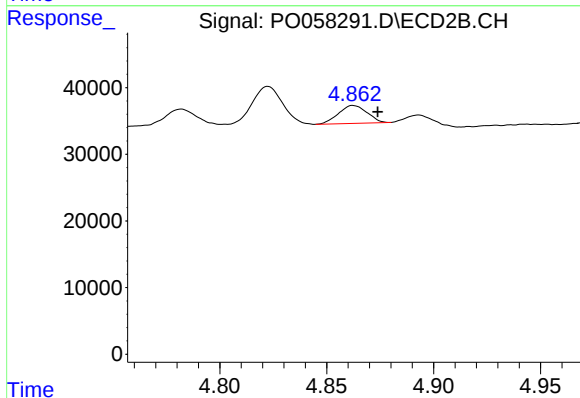
R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 27026
Conc: 35.25 ng/ml



#19 AR-1242-4

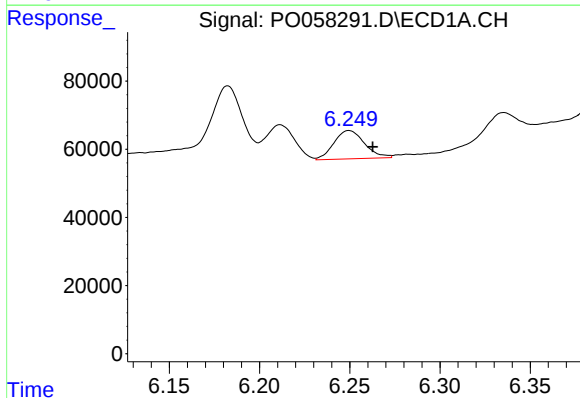
R.T.: 5.525 min
Delta R.T.: -0.011 min
Response: 235610
Conc: 249.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



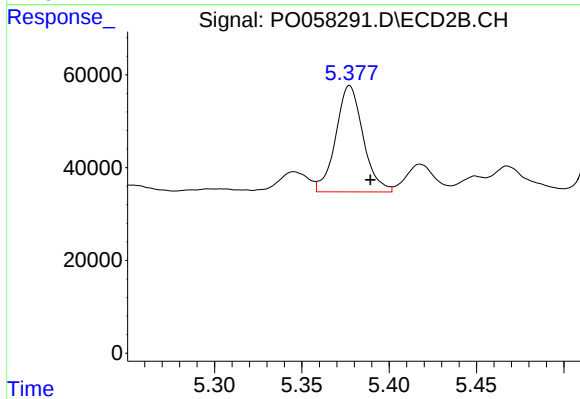
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: -0.011 min
Response: 25040
Conc: 32.99 ng/ml



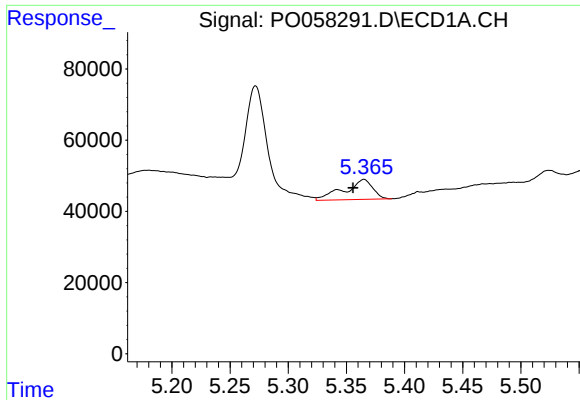
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: -0.013 min
Response: 98025
Conc: 84.65 ng/ml



#20 AR-1242-5

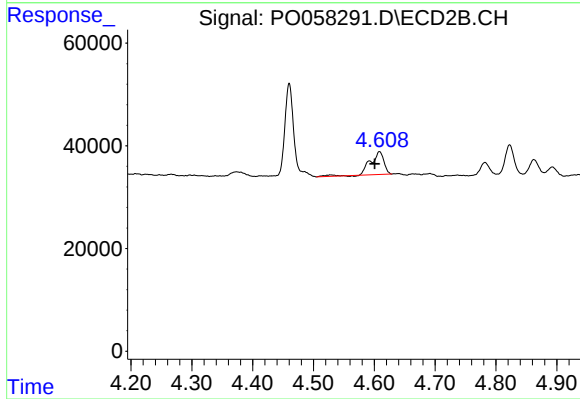
R.T.: 5.377 min
Delta R.T.: -0.012 min
Response: 250015
Conc: 262.38 ng/ml



#21 AR-1248-1

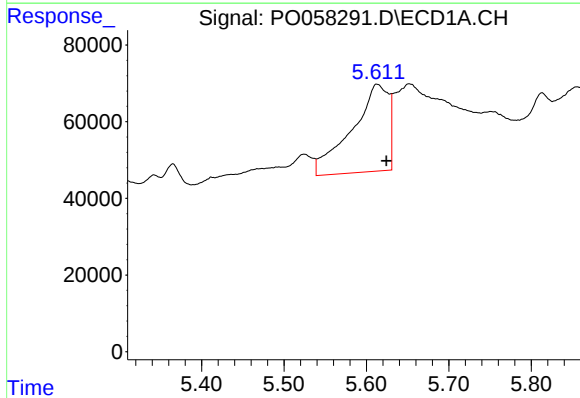
R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 94484
Conc: 101.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



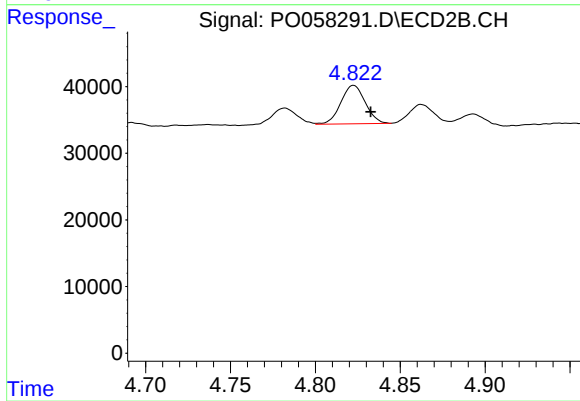
#21 AR-1248-1

R.T.: 4.609 min
Delta R.T.: 0.008 min
Response: 69772
Conc: 95.01 ng/ml



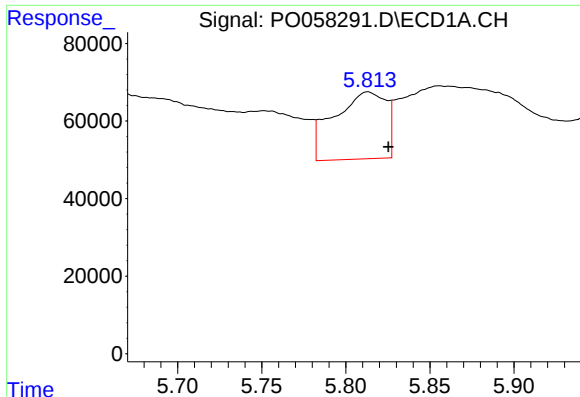
#22 AR-1248-2

R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 706991
Conc: 524.69 ng/ml



#22 AR-1248-2

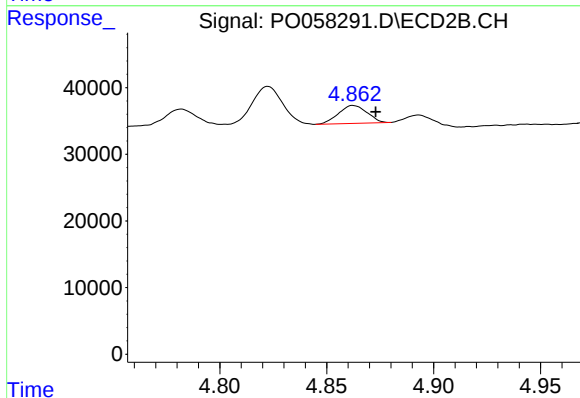
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 57856
Conc: 56.78 ng/ml



#23 AR-1248-3

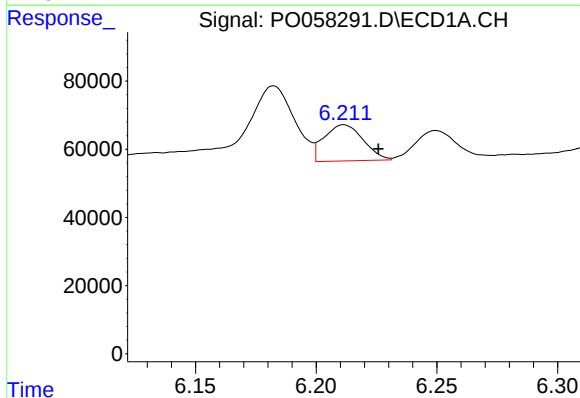
R.T.: 5.813 min
Delta R.T.: -0.012 min
Response: 373808
Conc: 241.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



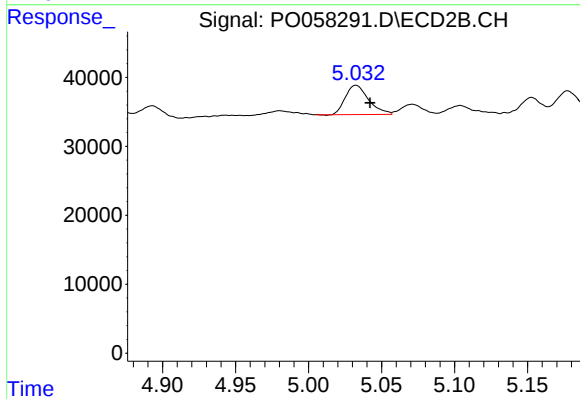
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: -0.010 min
Response: 25040
Conc: 23.82 ng/ml



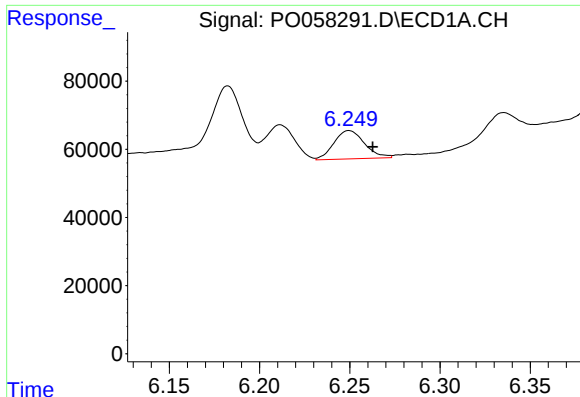
#24 AR-1248-4

R.T.: 6.212 min
Delta R.T.: -0.014 min
Response: 119230
Conc: 60.90 ng/ml



#24 AR-1248-4

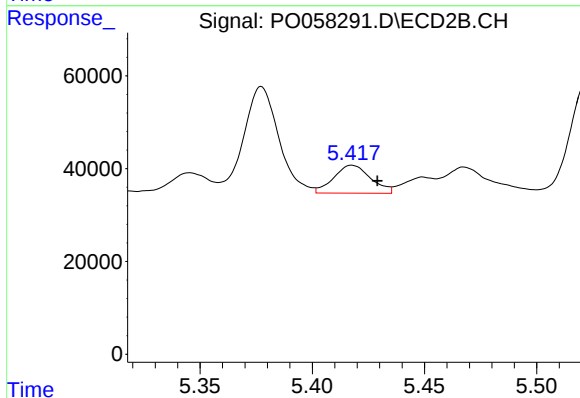
R.T.: 5.032 min
Delta R.T.: -0.010 min
Response: 46887
Conc: 36.41 ng/ml



#25 AR-1248-5

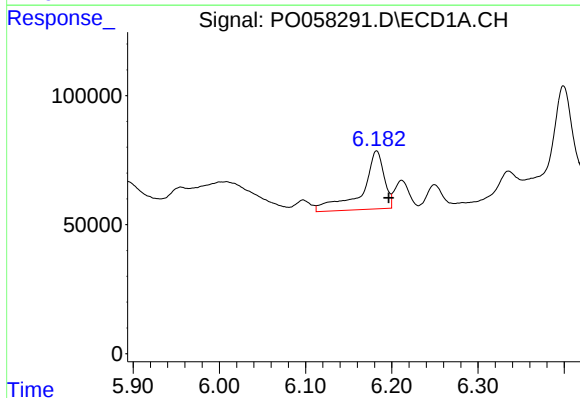
R.T.: 6.250 min
Delta R.T.: -0.013 min
Response: 98025
Conc: 51.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



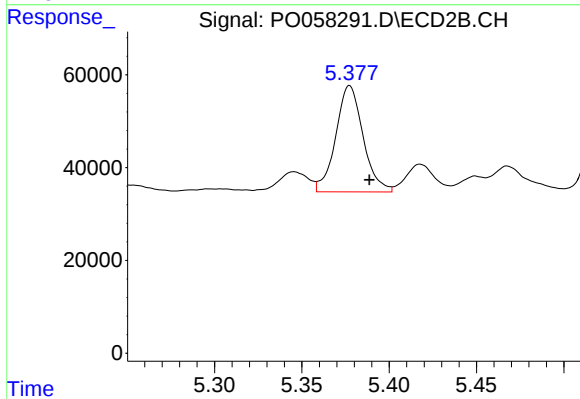
#25 AR-1248-5

R.T.: 5.418 min
Delta R.T.: -0.011 min
Response: 69030
Conc: 54.60 ng/ml



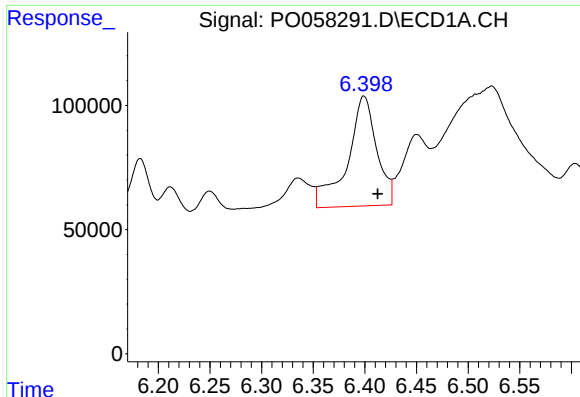
#26 AR-1254-1

R.T.: 6.182 min
Delta R.T.: -0.014 min
Response: 399450
Conc: 203.26 ng/ml



#26 AR-1254-1

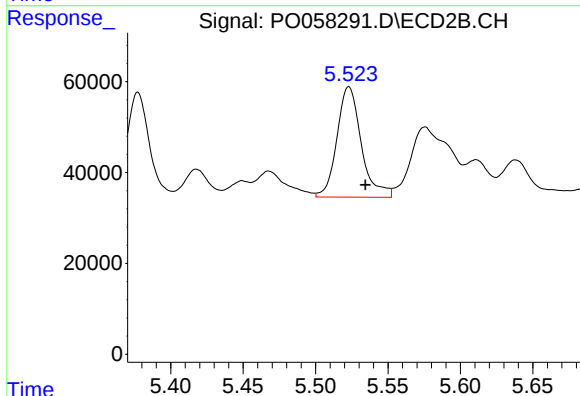
R.T.: 5.377 min
Delta R.T.: -0.011 min
Response: 250015
Conc: 122.71 ng/ml



#27 AR-1254-2

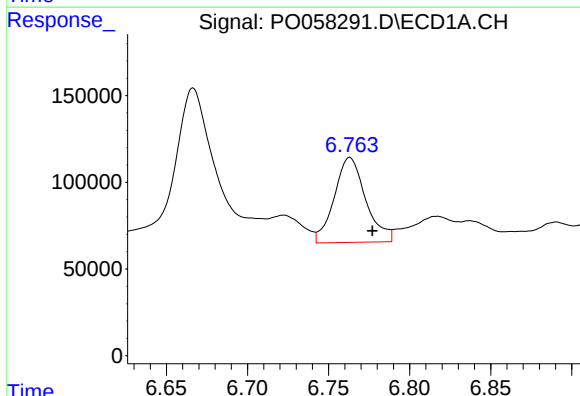
R.T.: 6.399 min
Delta R.T.: -0.013 min
Response: 873289
Conc: 267.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



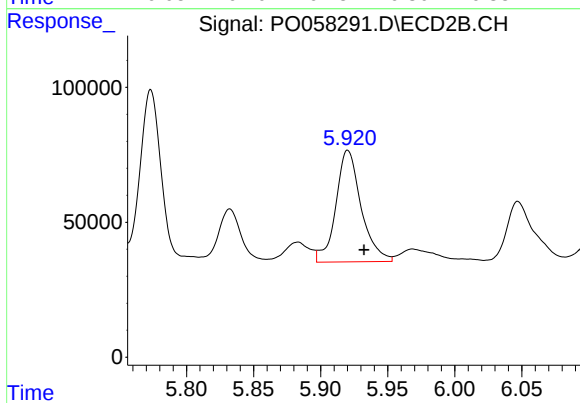
#27 AR-1254-2

R.T.: 5.523 min
Delta R.T.: -0.012 min
Response: 284023
Conc: 156.74 ng/ml



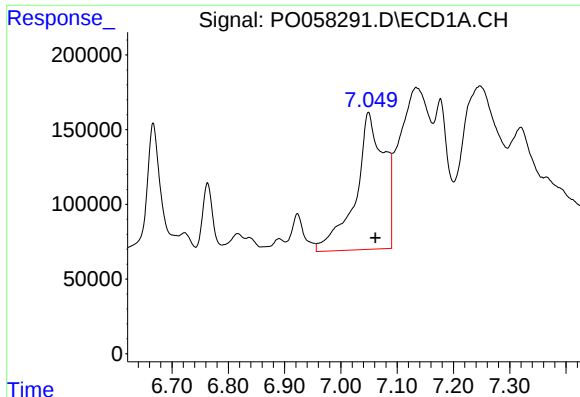
#28 AR-1254-3

R.T.: 6.763 min
Delta R.T.: -0.014 min
Response: 663542
Conc: 188.09 ng/ml



#28 AR-1254-3

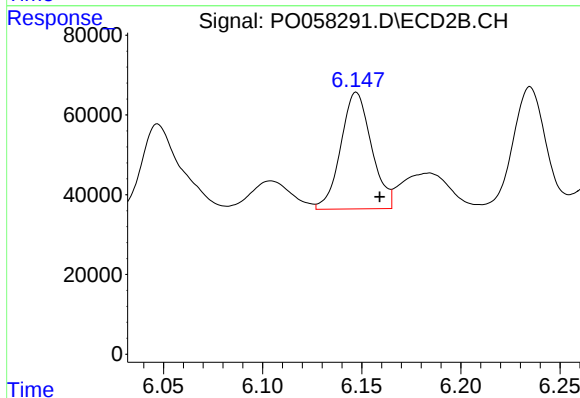
R.T.: 5.920 min
Delta R.T.: -0.012 min
Response: 543381
Conc: 185.55 ng/ml



#29 AR-1254-4

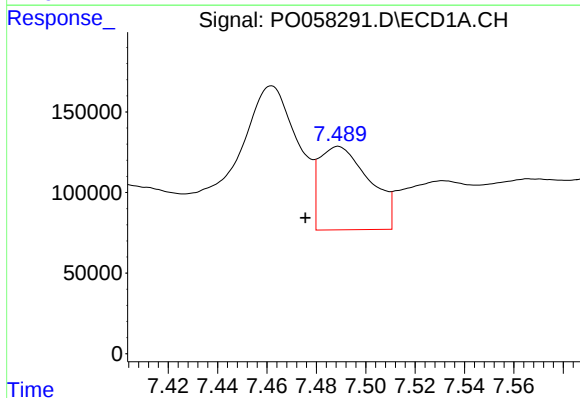
R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 3230831
Conc: 1091.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



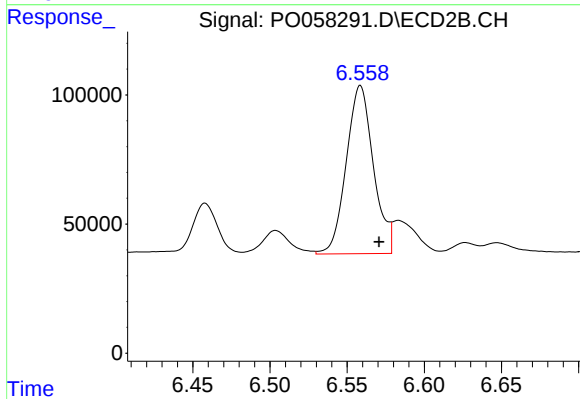
#29 AR-1254-4

R.T.: 6.147 min
Delta R.T.: -0.012 min
Response: 315547
Conc: 170.78 ng/ml



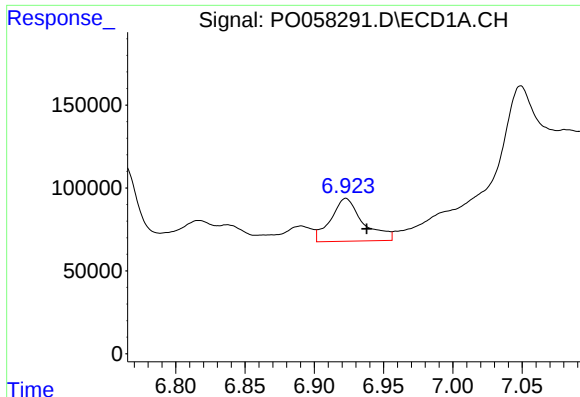
#30 AR-1254-5

R.T.: 7.489 min
Delta R.T.: 0.013 min
Response: 729621
Conc: 248.57 ng/ml



#30 AR-1254-5

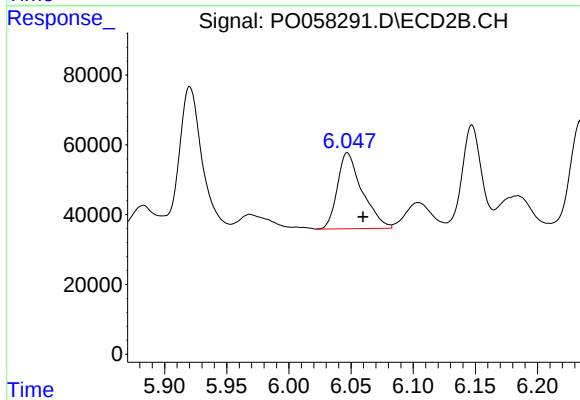
R.T.: 6.559 min
Delta R.T.: -0.012 min
Response: 798156
Conc: 293.60 ng/ml



#31 AR-1260-1

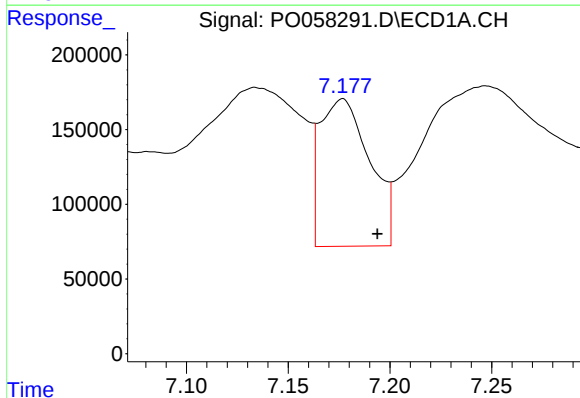
R.T.: 6.923 min
Delta R.T.: -0.015 min
Response: 419547
Conc: 167.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



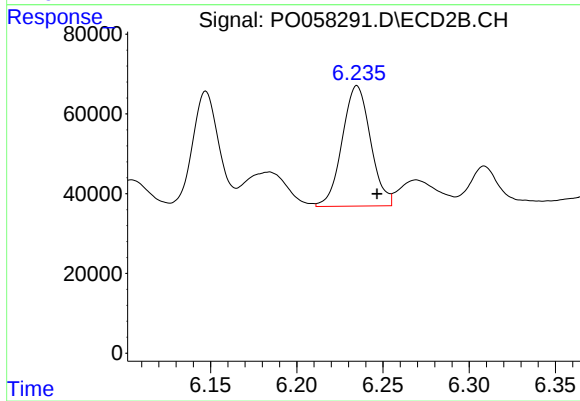
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: -0.013 min
Response: 302046
Conc: 149.14 ng/ml



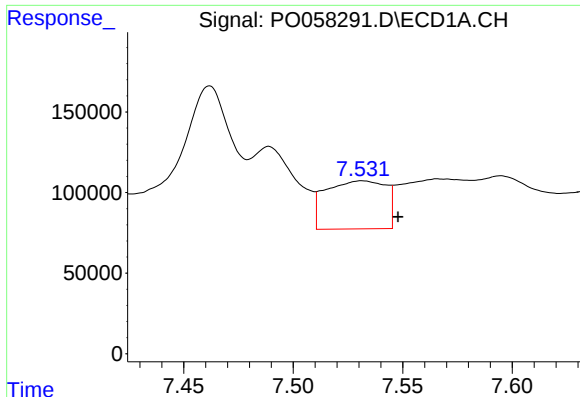
#32 AR-1260-2

R.T.: 7.176 min
Delta R.T.: -0.017 min
Response: 1674863
Conc: 476.37 ng/ml



#32 AR-1260-2

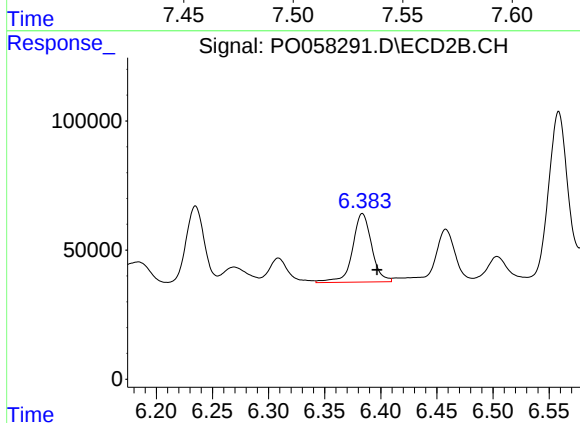
R.T.: 6.235 min
Delta R.T.: -0.012 min
Response: 344623
Conc: 134.01 ng/ml



#33 AR-1260-3

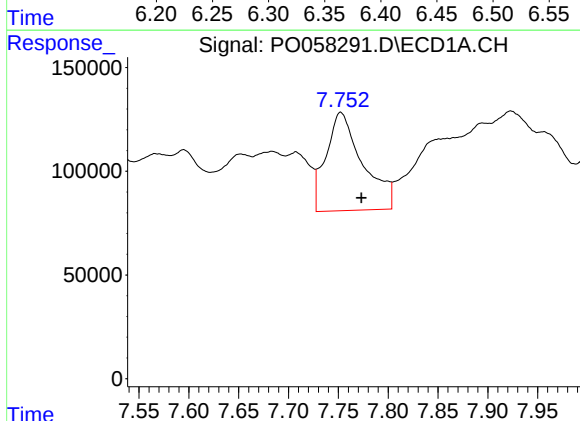
R.T.: 7.532 min
Delta R.T.: -0.016 min
Response: 568316
Conc: 193.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



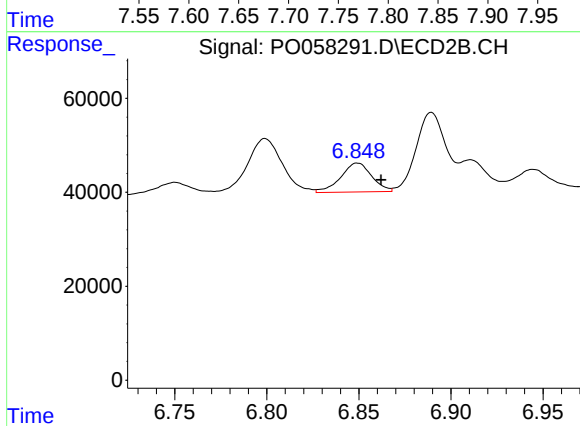
#33 AR-1260-3

R.T.: 6.384 min
Delta R.T.: -0.013 min
Response: 315328
Conc: 138.26 ng/ml



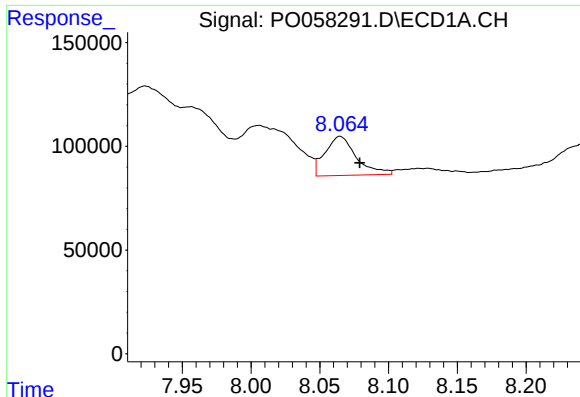
#34 AR-1260-4

R.T.: 7.753 min
Delta R.T.: -0.020 min
Response: 1211715
Conc: 443.57 ng/ml



#34 AR-1260-4

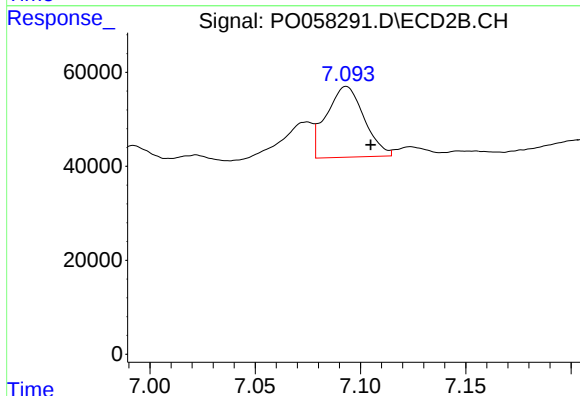
R.T.: 6.849 min
Delta R.T.: -0.013 min
Response: 71893
Conc: 37.13 ng/ml



#35 AR-1260-5

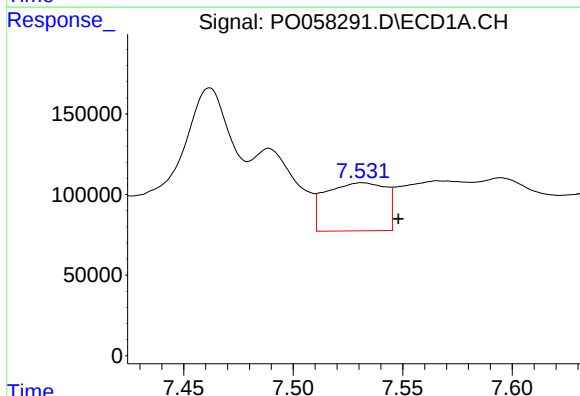
R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 297820
Conc: 51.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



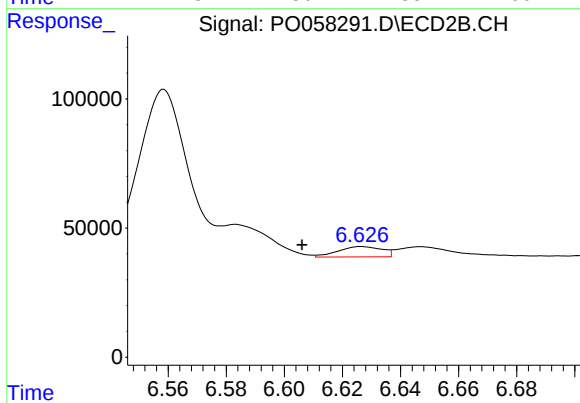
#35 AR-1260-5

R.T.: 7.093 min
Delta R.T.: -0.012 min
Response: 187635
Conc: 40.77 ng/ml



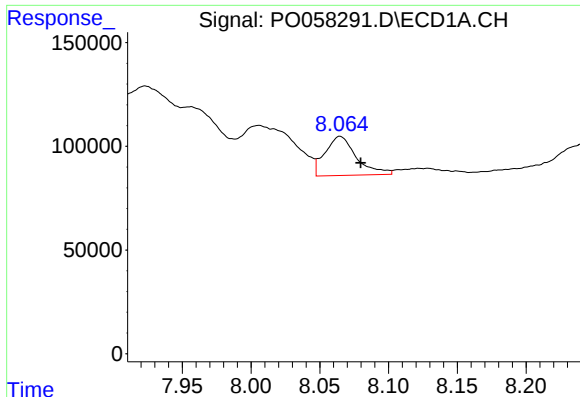
#36 AR-1262-1

R.T.: 7.532 min
Delta R.T.: -0.016 min
Response: 568316
Conc: 102.87 ng/ml



#36 AR-1262-1

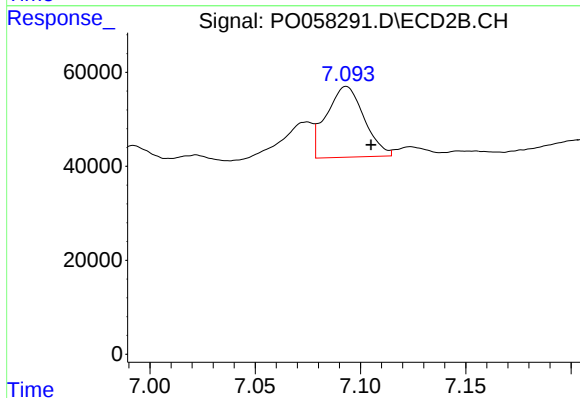
R.T.: 6.627 min
Delta R.T.: 0.020 min
Response: 41828
Conc: 10.53 ng/ml



#37 AR-1262-2

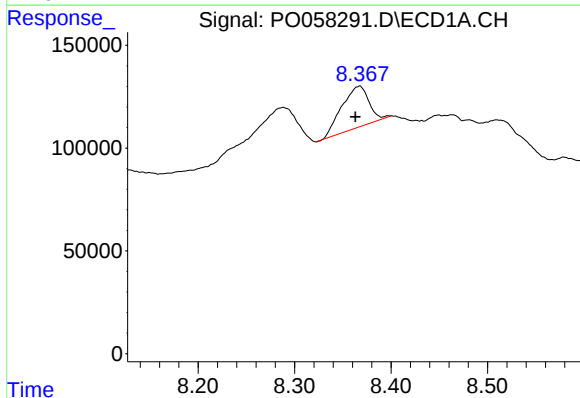
R.T.: 8.065 min
Delta R.T.: -0.015 min
Response: 297820
Conc: 35.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



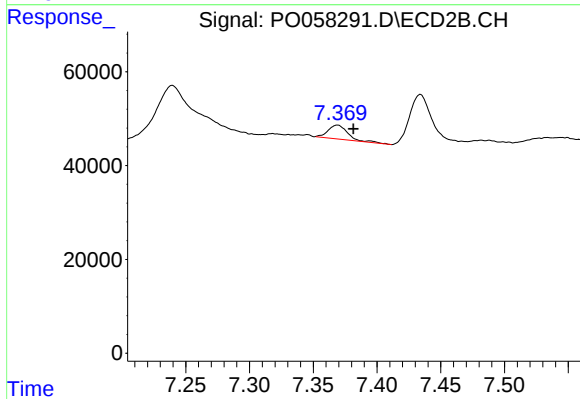
#37 AR-1262-2

R.T.: 7.093 min
Delta R.T.: -0.012 min
Response: 187635
Conc: 29.05 ng/ml



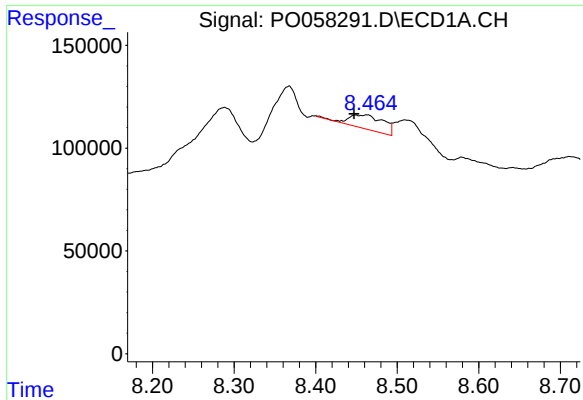
#38 AR-1262-3

R.T.: 8.367 min
Delta R.T.: 0.004 min
Response: 431112
Conc: 76.59 ng/ml



#38 AR-1262-3

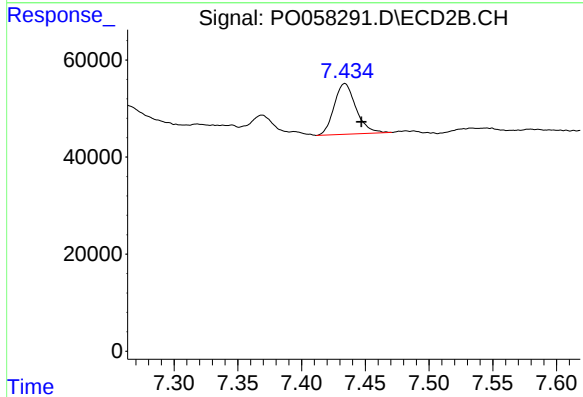
R.T.: 7.369 min
Delta R.T.: -0.013 min
Response: 32109
Conc: 11.65 ng/ml



#39 AR-1262-4

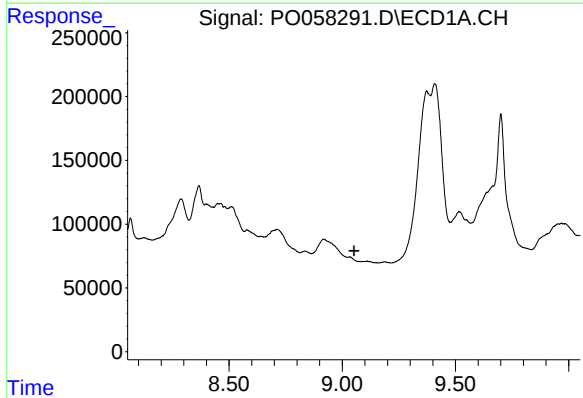
R.T.: 8.462 min
Delta R.T.: 0.015 min
Response: 206680
Conc: 45.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



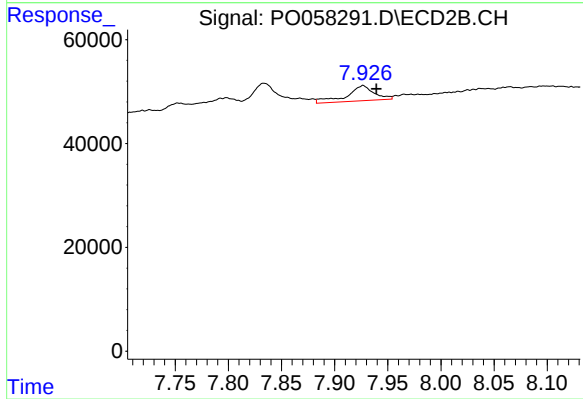
#39 AR-1262-4

R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 124070
Conc: 25.98 ng/ml



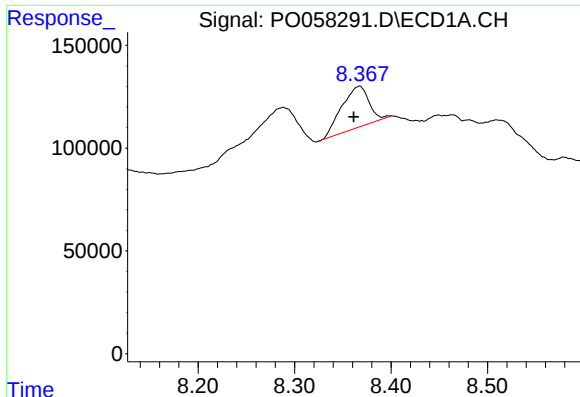
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.052 min
Response: 0
Conc: N.D.



#40 AR-1262-5

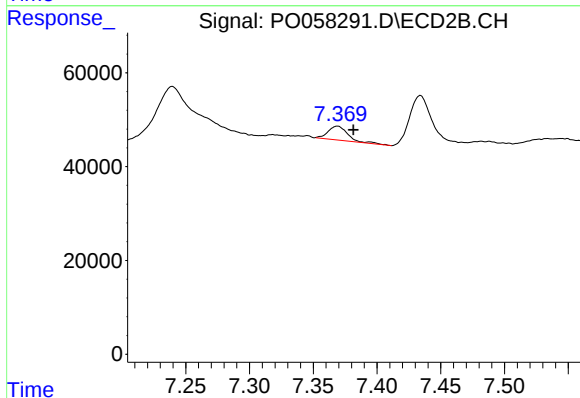
R.T.: 7.927 min
Delta R.T.: -0.012 min
Response: 52949
Conc: 26.62 ng/ml



#41 AR-1268-1

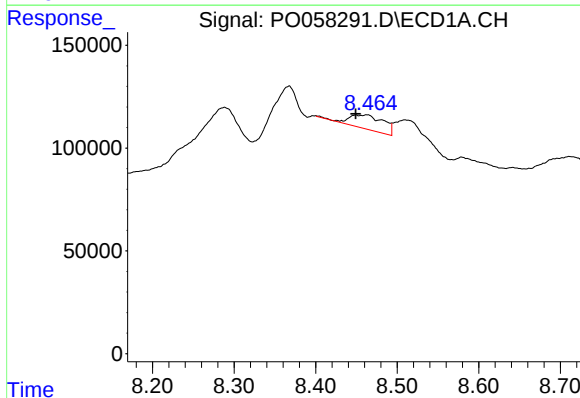
R.T.: 8.367 min
Delta R.T.: 0.005 min
Response: 431112
Conc: 41.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



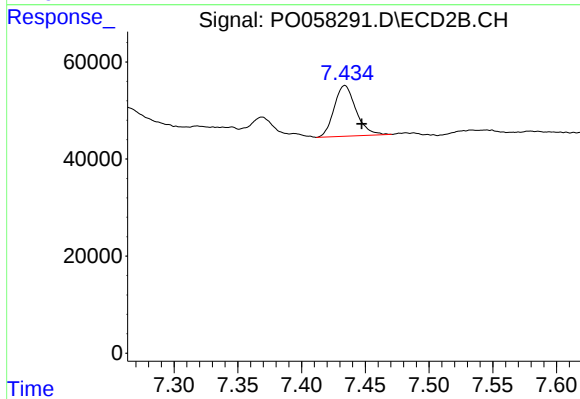
#41 AR-1268-1

R.T.: 7.369 min
Delta R.T.: -0.012 min
Response: 32109
Conc: 4.11 ng/ml



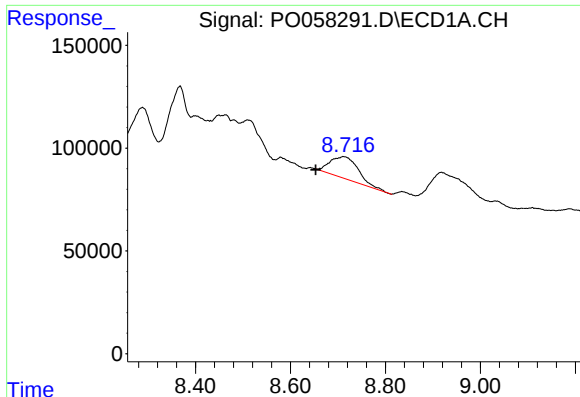
#42 AR-1268-2

R.T.: 8.462 min
Delta R.T.: 0.013 min
Response: 206680
Conc: 22.57 ng/ml



#42 AR-1268-2

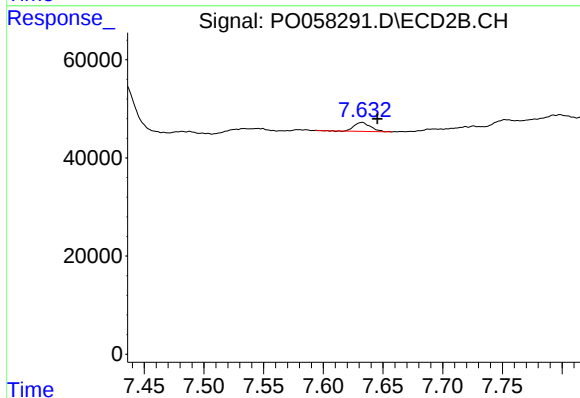
R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 124070
Conc: 17.41 ng/ml



#43 AR-1268-3

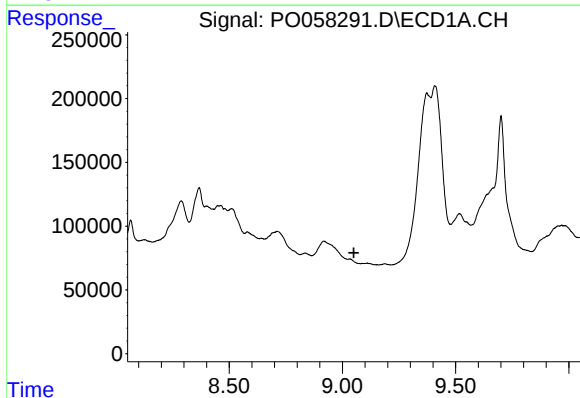
R.T.: 8.712 min
Delta R.T.: 0.059 min
Response: 433127
Conc: 54.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



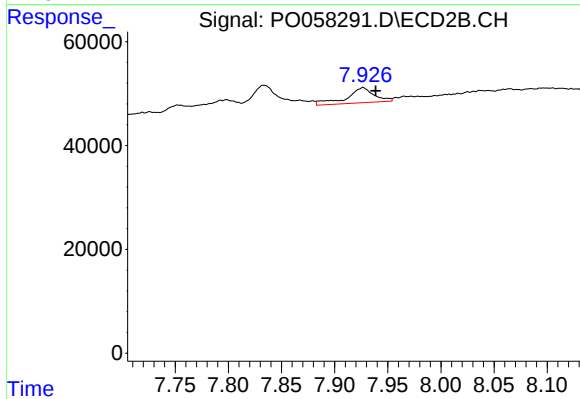
#43 AR-1268-3

R.T.: 7.632 min
Delta R.T.: -0.013 min
Response: 17420
Conc: 2.89 ng/ml



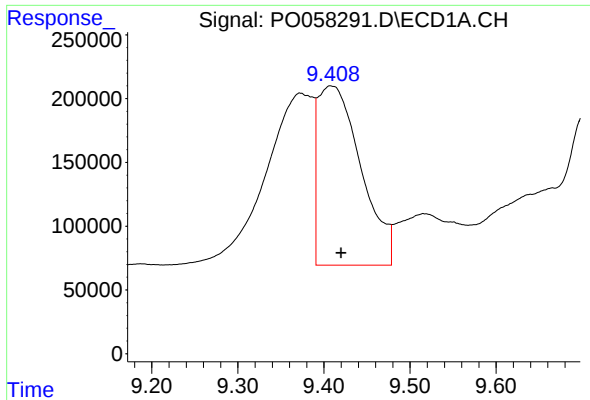
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.050 min
Response: 0
Conc: N.D.



#44 AR-1268-4

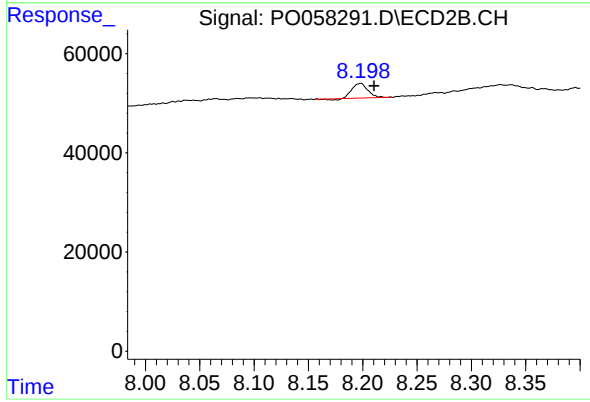
R.T.: 7.927 min
Delta R.T.: -0.012 min
Response: 52949
Conc: 25.31 ng/ml



#45 AR-1268-5

R.T.: 9.409 min
Delta R.T.: -0.012 min
Response: 4866382
Conc: 223.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.198 min
Delta R.T.: -0.012 min
Response: 28992
Conc: 1.74 ng/ml