

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041620\
 Data File : P0067872.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2020 13:26
 Operator : DD\AJ
 Sample : L2245-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 13:57:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 03 16:04:09 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...	4.924	3.939	475227	731818	19.956	21.834
2)	SA Decachlor...	10.900	9.221	807138	1077408	23.709	26.059
Target Compounds							
3)	L1 AR-1016-1	6.267	5.213	107960	96747	104.690	65.997 #
4)	L1 AR-1016-2	6.267	5.213	107960	96747	76.516	49.386 #
5)	L1 AR-1016-3	6.337	5.401	28551	102077	32.481	97.600 #
6)	L1 AR-1016-4	6.440	5.456	30638	40950	43.447	45.904
7)	L1 AR-1016-5	6.755	5.690	33892	67110	47.135	59.304 #
9)	L2 AR-1221-2	0.000	4.290	0	33549	N.D.	106.382 #
10)	L2 AR-1221-3	0.000	4.434	0	94068	N.D.	95.818 #
11)	L3 AR-1232-1	0.000	4.434	0	94068	N.D.	135.924 #
12)	L3 AR-1232-2	5.918	5.213	228564	96747	851.970	133.376 #
13)	L3 AR-1232-3	6.267	5.401	107960	102077	205.962	264.817 #
14)	L3 AR-1232-4	6.440	5.554	30638	263098	119.178	743.705 #
15)	L3 AR-1232-5	6.535	5.690	57989	67110	309.583	175.618 #
16)	L4 AR-1242-1	6.267	5.213	107960	96747	157.247	98.605 #
17)	L4 AR-1242-2	6.267	5.213	107960	96747	114.902	74.249 #
18)	L4 AR-1242-3	6.337	5.401	28551	102077	48.719	142.750 #
19)	L4 AR-1242-4	6.440	5.554	30638	263098	65.144	365.511 #
20)	L4 AR-1242-5	7.225	6.068	345295	448172	646.353	478.950 #
21)	L5 AR-1248-1	6.267	5.213	107960	96747	201.225	123.842 #
22)	L5 AR-1248-2	6.535	5.456	57989	40950	82.418	40.695 #
23)	L5 AR-1248-3	6.755	5.554	33892	263098	41.643	257.226 #
24)	L5 AR-1248-4	7.225	5.690	345295	67110	365.989	53.848 #
25)	L5 AR-1248-5	7.225	6.104	345295	89658	383.151	72.452 #
26)	L6 AR-1254-1	7.163	6.068	355445	448172	287.785	174.785 #
27)	L6 AR-1254-2	7.388	6.221	234734	147699	119.355	64.762 #
28)	L6 AR-1254-3	7.772	6.643	446922	178098	215.376	48.779 #
29)	L6 AR-1254-4	8.058	6.884	83379	109593	51.190	45.462
30)	L6 AR-1254-5	8.483	7.310	213936	318350	124.691	95.380
31)	L7 AR-1260-1	7.927	6.779	142443	279934	105.402	133.529 #
32)	L7 AR-1260-2	8.191	6.978	530486	195949	314.237	76.312 #
33)	L7 AR-1260-3	8.556	7.132	311962	214868	239.329	89.354 #
34)	L7 AR-1260-4	8.801	7.613	337020	415134	219.300	197.523
35)	L7 AR-1260-5	9.108	7.860	364558	585031	115.563	115.561
36)	L8 AR-1262-1	8.556	7.310	311962	318350	186.083	229.736
37)	L8 AR-1262-2	9.108	7.860	364558	585031	127.047	127.957
38)	L8 AR-1262-3	9.413	8.147	1110267	1294249	533.566	658.497
39)	L8 AR-1262-4	9.508	8.211	1168525	1455506	738.469	424.597 #
40)	L8 AR-1262-5	10.164	8.705	484038	601235	410.522	353.701
41)	L9 AR-1268-1	9.413	8.147	1110267	1294249	300.466	240.538
42)	L9 AR-1268-2	9.508	8.211	1168525	1455506	337.143	294.785

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

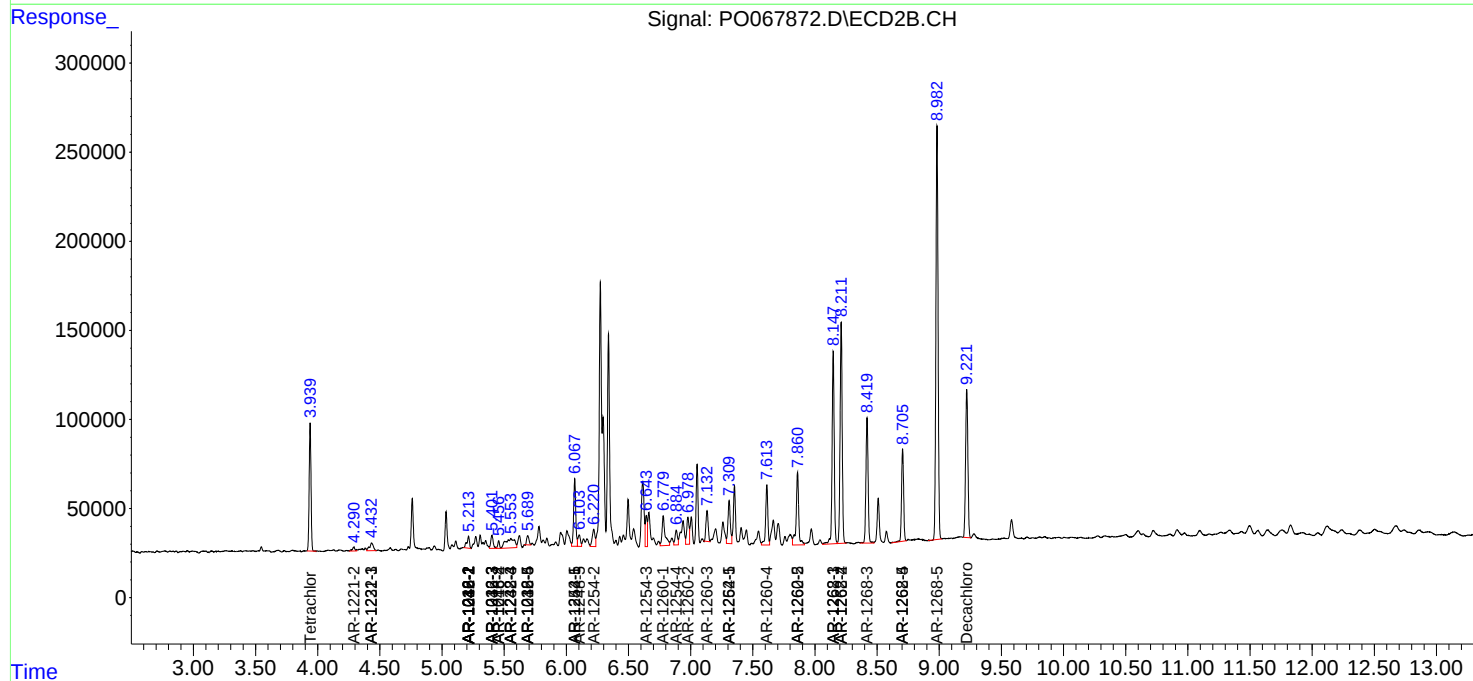
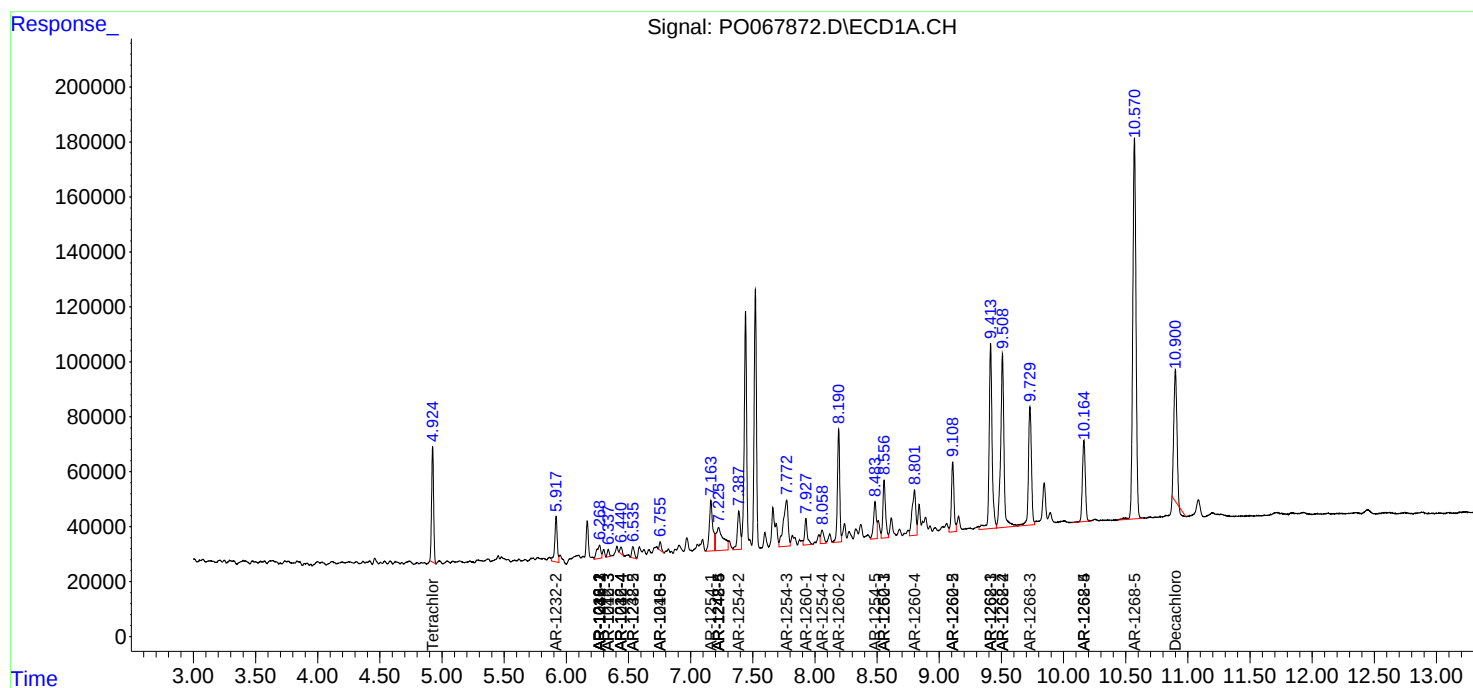
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.729	8.419	725401	870413	249.816	207.665
44) L9	AR-1268-4	10.164	8.705	484038	601235	348.675	310.735
45) L9	AR-1268-5	10.570	8.982	2501429	2782511	252.299	215.765

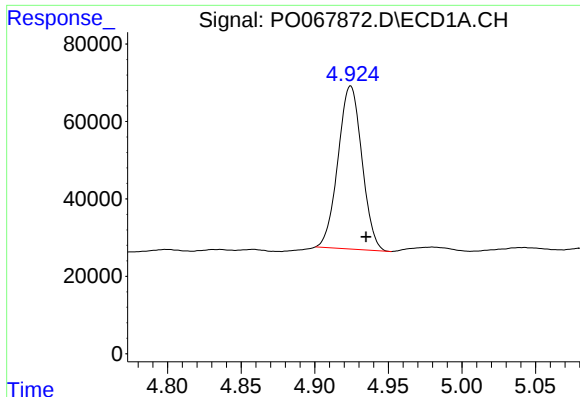
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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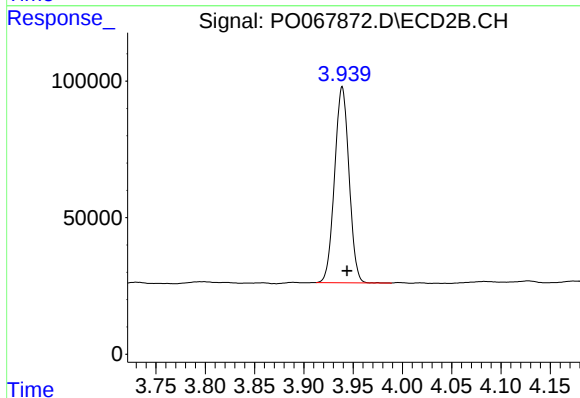




#1 Tetrachloro-m-xylene

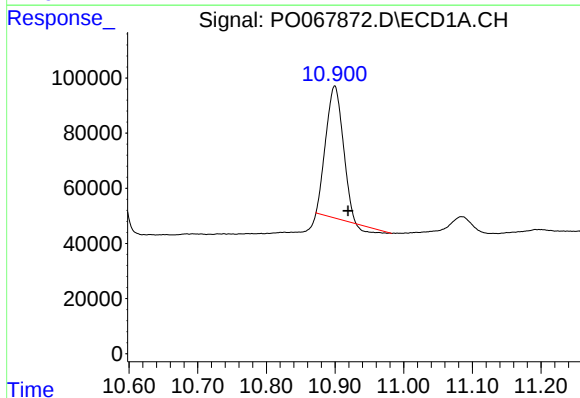
R.T.: 4.924 min
Delta R.T.: -0.011 min
Response: 475227
Conc: 19.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



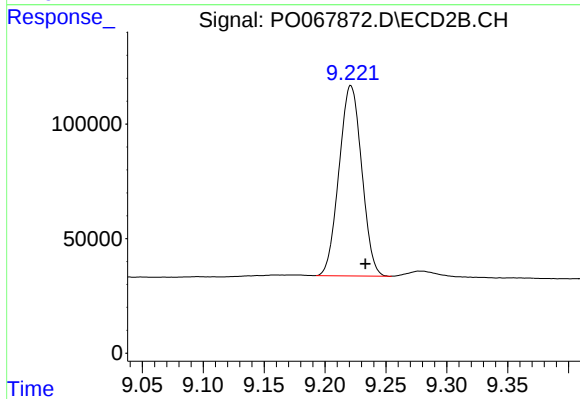
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: -0.005 min
Response: 731818
Conc: 21.83 ng/ml



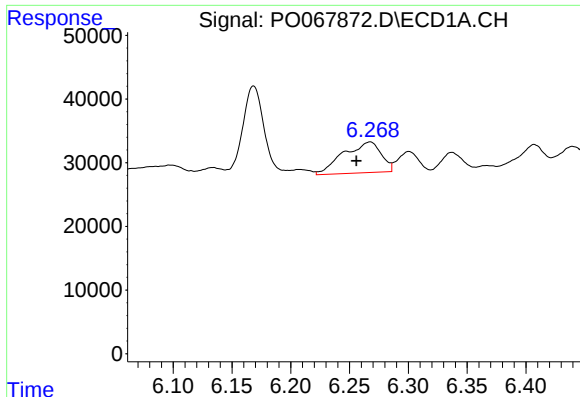
#2 Decachlorobiphenyl

R.T.: 10.900 min
Delta R.T.: -0.019 min
Response: 807138
Conc: 23.71 ng/ml



#2 Decachlorobiphenyl

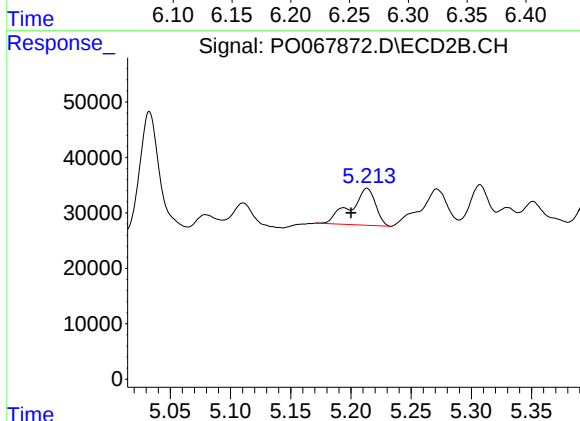
R.T.: 9.221 min
Delta R.T.: -0.012 min
Response: 1077408
Conc: 26.06 ng/ml



#3 AR-1016-1

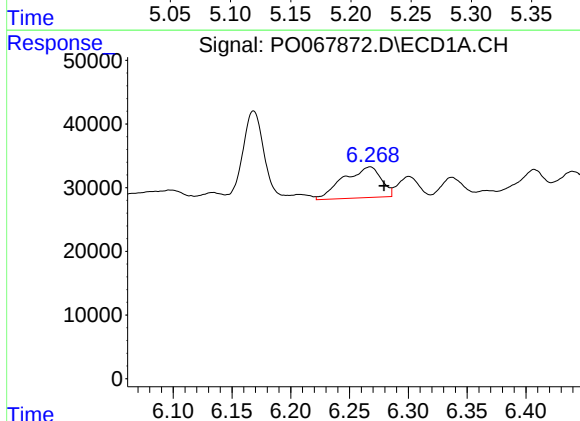
R.T.: 6.267 min
Delta R.T.: 0.012 min
Response: 107960
Conc: 104.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



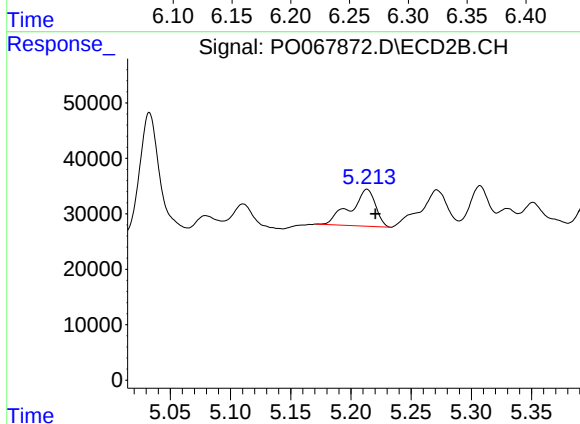
#3 AR-1016-1

R.T.: 5.213 min
Delta R.T.: 0.013 min
Response: 96747
Conc: 66.00 ng/ml



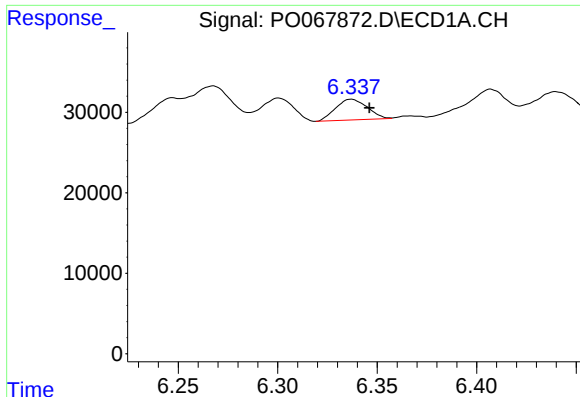
#4 AR-1016-2

R.T.: 6.267 min
Delta R.T.: -0.012 min
Response: 107960
Conc: 76.52 ng/ml



#4 AR-1016-2

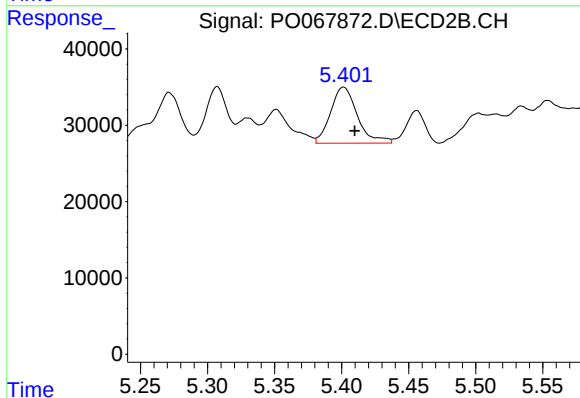
R.T.: 5.213 min
Delta R.T.: -0.007 min
Response: 96747
Conc: 49.39 ng/ml



#5 AR-1016-3

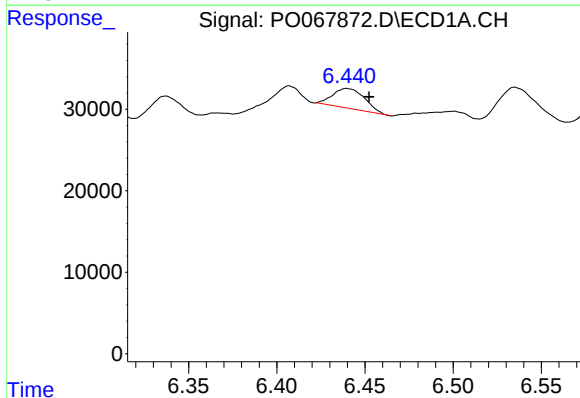
R.T.: 6.337 min
Delta R.T.: -0.009 min
Response: 28551
Conc: 32.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



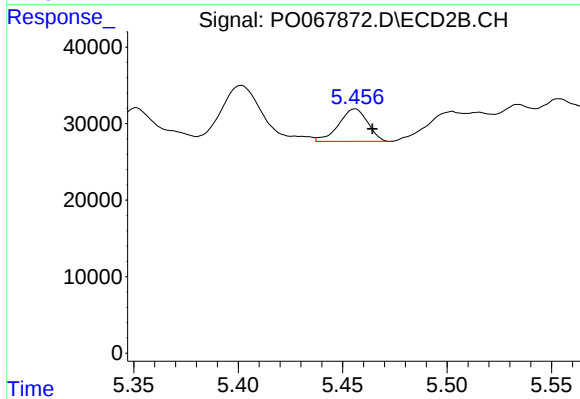
#5 AR-1016-3

R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 102077
Conc: 97.60 ng/ml



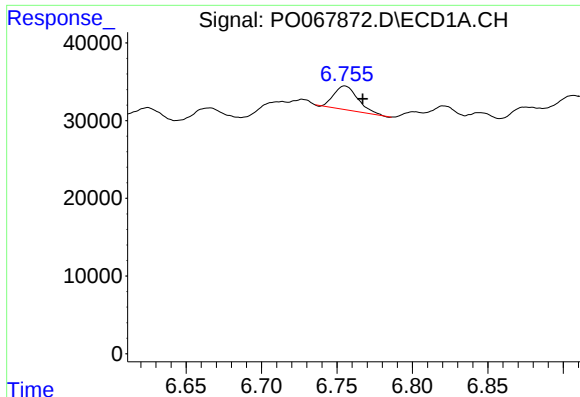
#6 AR-1016-4

R.T.: 6.440 min
Delta R.T.: -0.012 min
Response: 30638
Conc: 43.45 ng/ml



#6 AR-1016-4

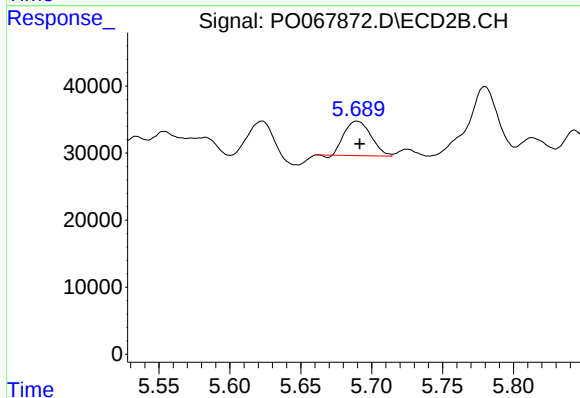
R.T.: 5.456 min
Delta R.T.: -0.008 min
Response: 40950
Conc: 45.90 ng/ml



#7 AR-1016-5

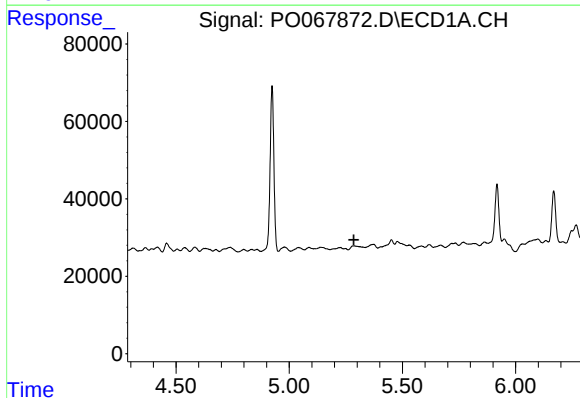
R.T.: 6.755 min
Delta R.T.: -0.012 min
Response: 33892
Conc: 47.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



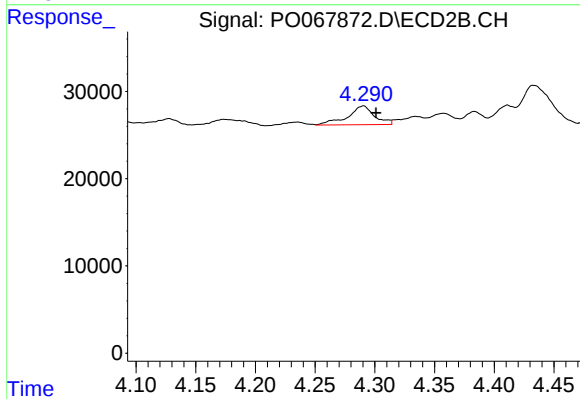
#7 AR-1016-5

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 67110
Conc: 59.30 ng/ml



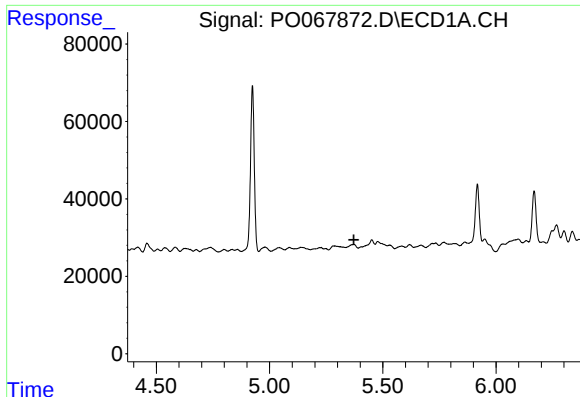
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



#9 AR-1221-2

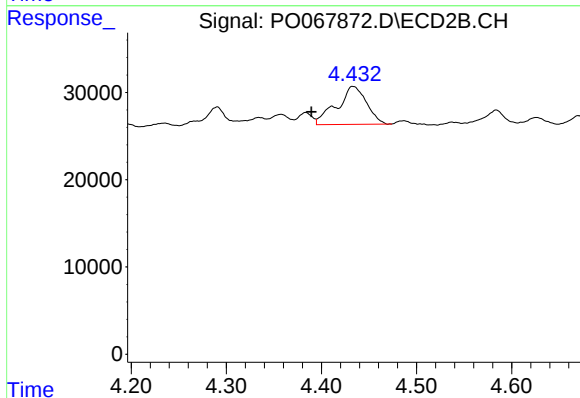
R.T.: 4.290 min
Delta R.T.: -0.011 min
Response: 33549
Conc: 106.38 ng/ml



#10 AR-1221-3

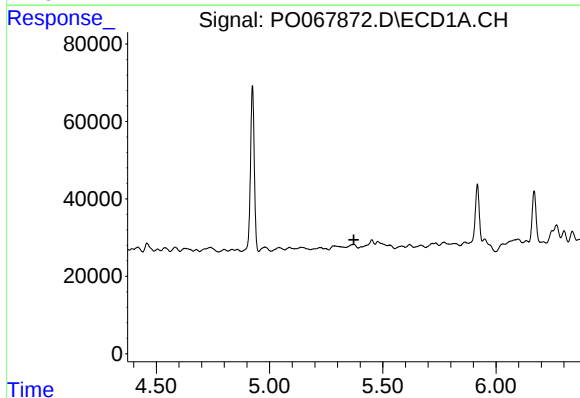
R.T.: 0.000 min
Exp R.T.: 5.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



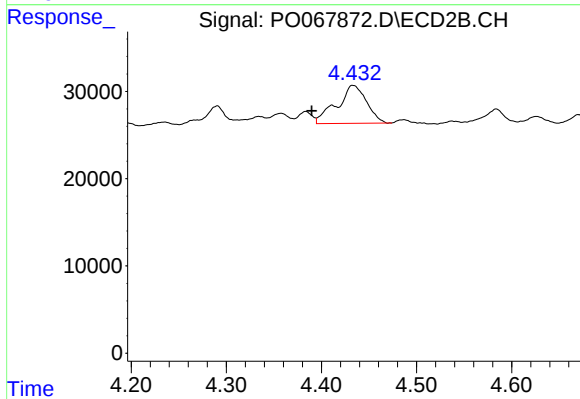
#10 AR-1221-3

R.T.: 4.434 min
Delta R.T.: 0.044 min
Response: 94068
Conc: 95.82 ng/ml



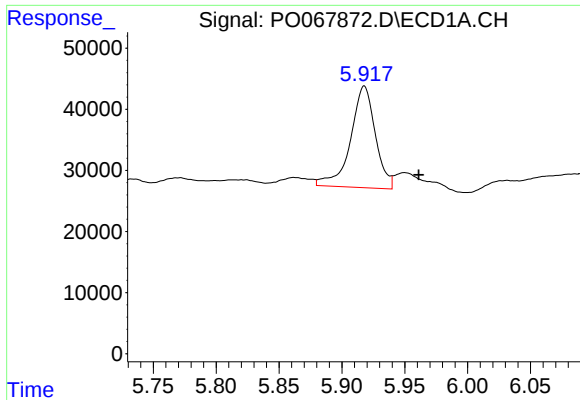
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.372 min
Response: 0
Conc: N.D.



#11 AR-1232-1

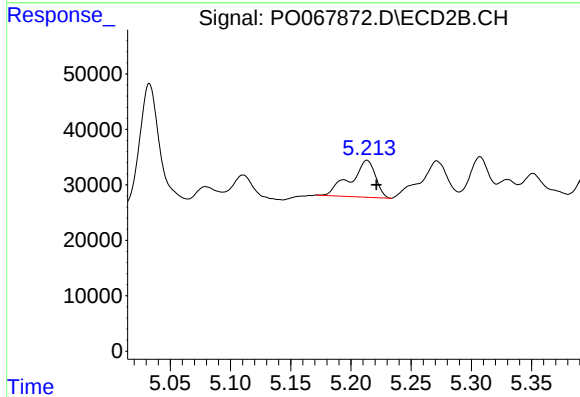
R.T.: 4.434 min
Delta R.T.: 0.044 min
Response: 94068
Conc: 135.92 ng/ml



#12 AR-1232-2

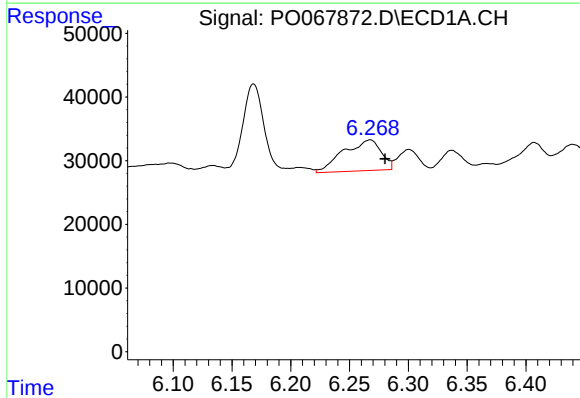
R.T.: 5.918 min
Delta R.T.: -0.043 min
Response: 228564
Conc: 851.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



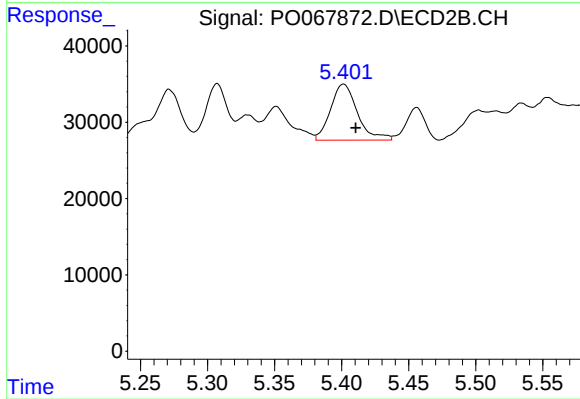
#12 AR-1232-2

R.T.: 5.213 min
Delta R.T.: -0.008 min
Response: 96747
Conc: 133.38 ng/ml



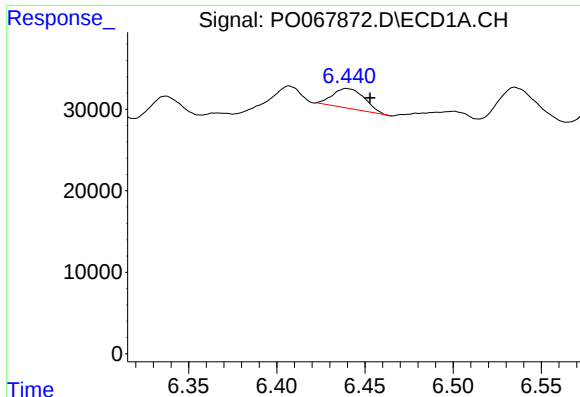
#13 AR-1232-3

R.T.: 6.267 min
Delta R.T.: -0.013 min
Response: 107960
Conc: 205.96 ng/ml



#13 AR-1232-3

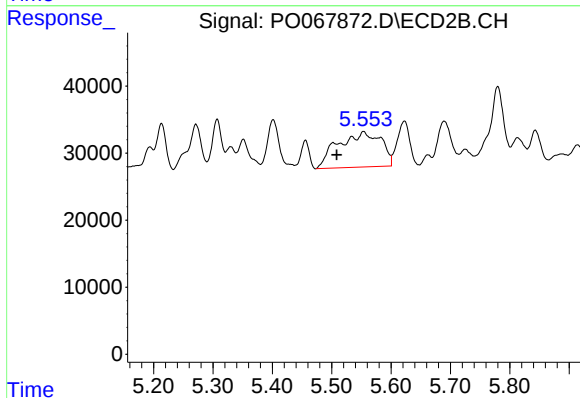
R.T.: 5.401 min
Delta R.T.: -0.009 min
Response: 102077
Conc: 264.82 ng/ml



#14 AR-1232-4

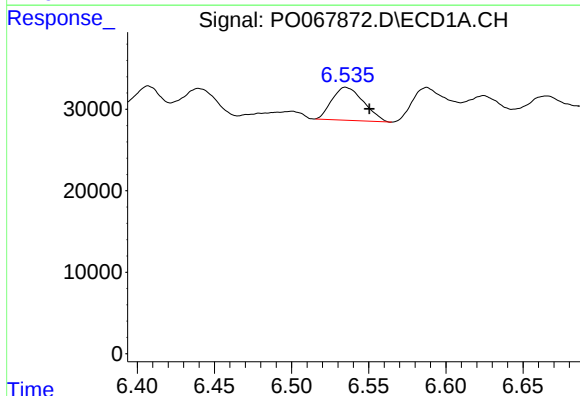
R.T.: 6.440 min
Delta R.T.: -0.013 min
Response: 30638
Conc: 119.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



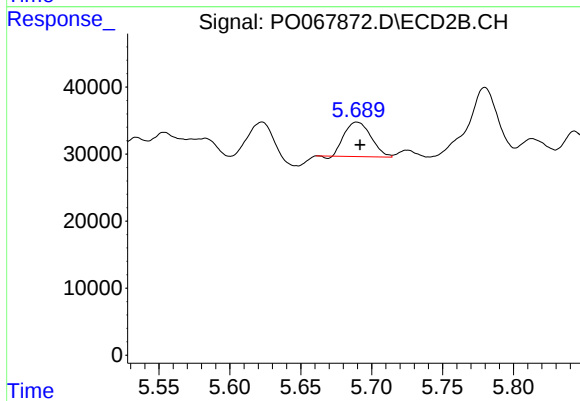
#14 AR-1232-4

R.T.: 5.554 min
Delta R.T.: 0.045 min
Response: 263098
Conc: 743.70 ng/ml



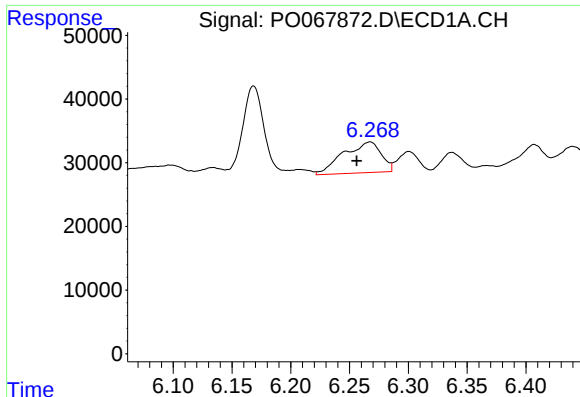
#15 AR-1232-5

R.T.: 6.535 min
Delta R.T.: -0.015 min
Response: 57989
Conc: 309.58 ng/ml



#15 AR-1232-5

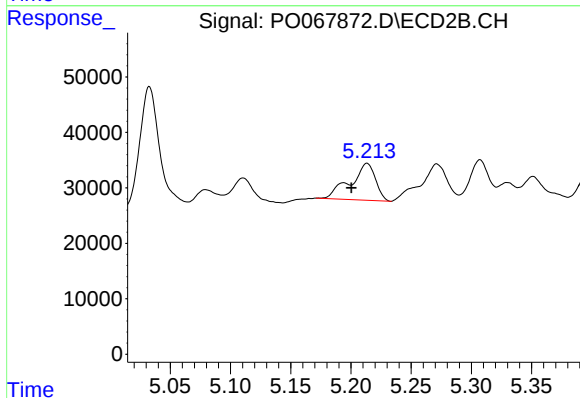
R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 67110
Conc: 175.62 ng/ml



#16 AR-1242-1

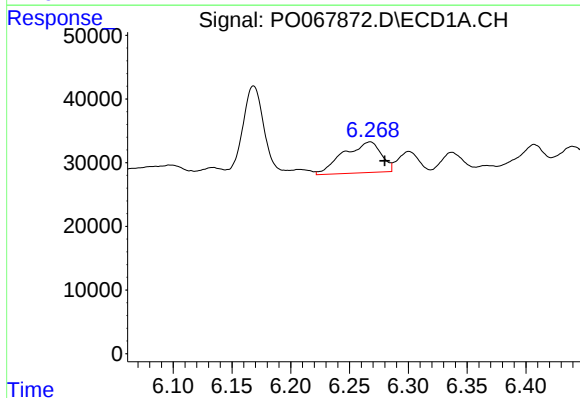
R.T.: 6.267 min
Delta R.T.: 0.011 min
Response: 107960
Conc: 157.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



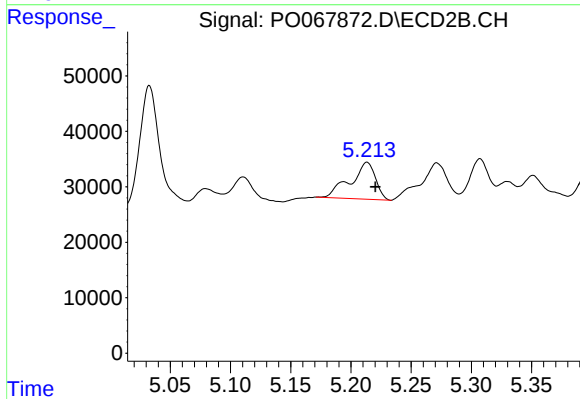
#16 AR-1242-1

R.T.: 5.213 min
Delta R.T.: 0.013 min
Response: 96747
Conc: 98.60 ng/ml



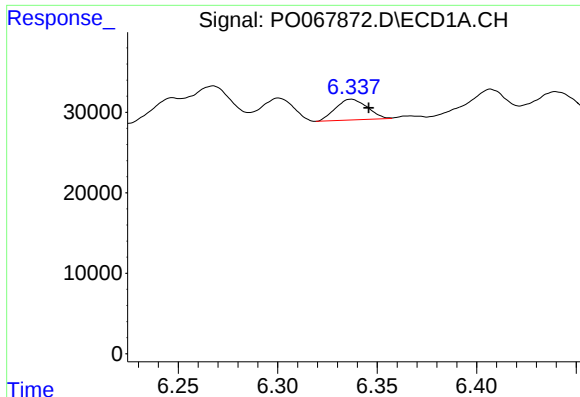
#17 AR-1242-2

R.T.: 6.267 min
Delta R.T.: -0.012 min
Response: 107960
Conc: 114.90 ng/ml



#17 AR-1242-2

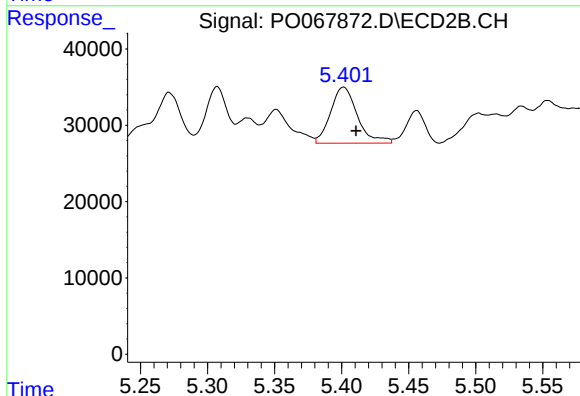
R.T.: 5.213 min
Delta R.T.: -0.007 min
Response: 96747
Conc: 74.25 ng/ml



#18 AR-1242-3

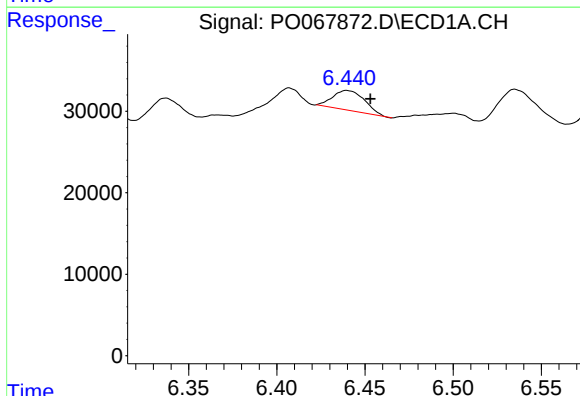
R.T.: 6.337 min
Delta R.T.: -0.009 min
Response: 28551
Conc: 48.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



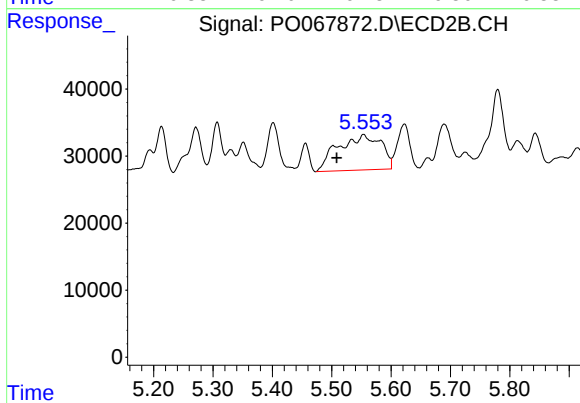
#18 AR-1242-3

R.T.: 5.401 min
Delta R.T.: -0.009 min
Response: 102077
Conc: 142.75 ng/ml



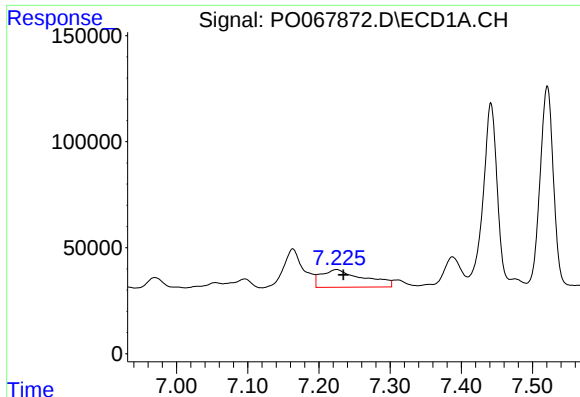
#19 AR-1242-4

R.T.: 6.440 min
Delta R.T.: -0.013 min
Response: 30638
Conc: 65.14 ng/ml



#19 AR-1242-4

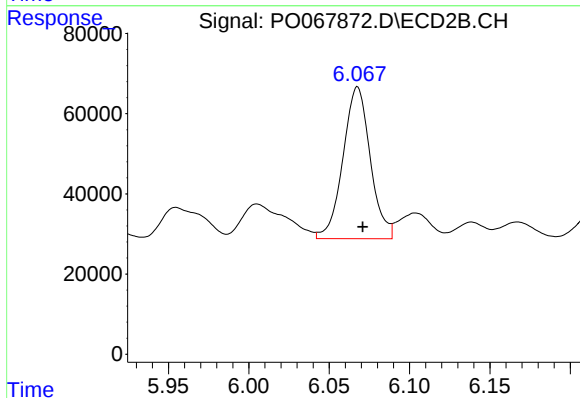
R.T.: 5.554 min
Delta R.T.: 0.046 min
Response: 263098
Conc: 365.51 ng/ml



#20 AR-1242-5

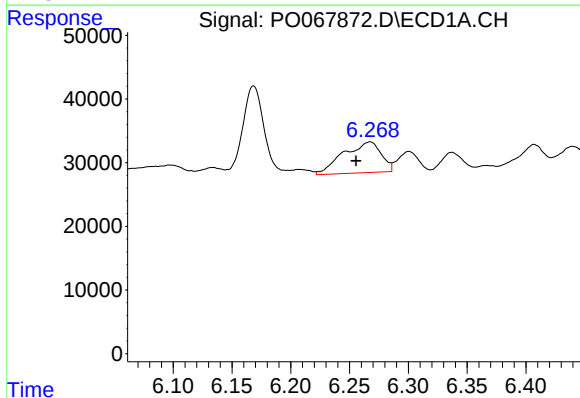
R.T.: 7.225 min
Delta R.T.: -0.010 min
Response: 345295
Conc: 646.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



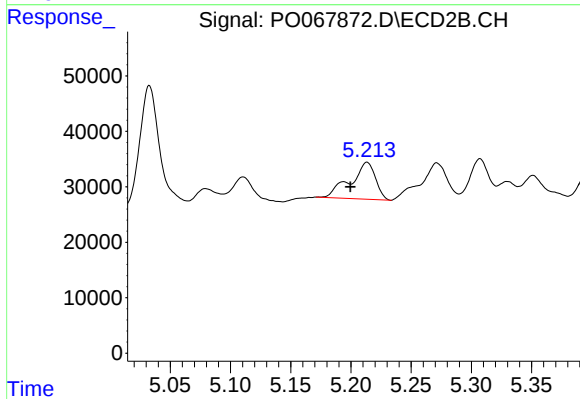
#20 AR-1242-5

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 448172
Conc: 478.95 ng/ml



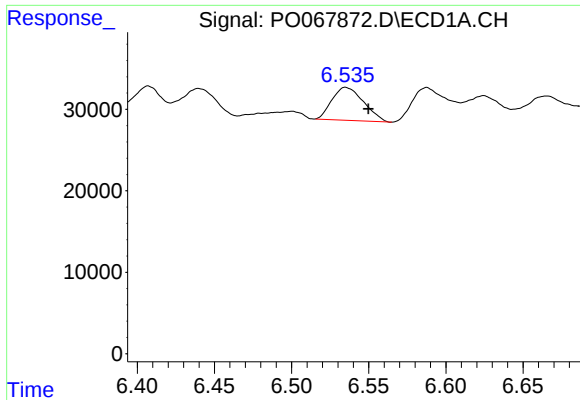
#21 AR-1248-1

R.T.: 6.267 min
Delta R.T.: 0.012 min
Response: 107960
Conc: 201.23 ng/ml



#21 AR-1248-1

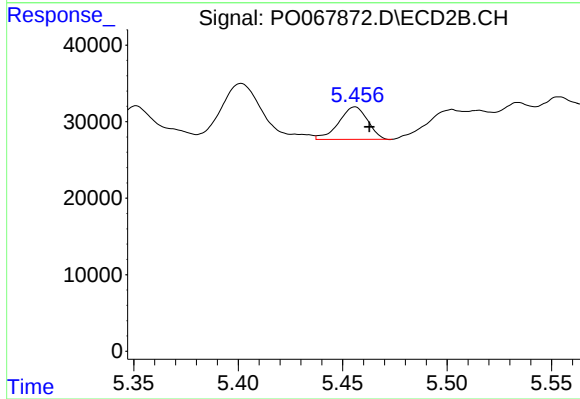
R.T.: 5.213 min
Delta R.T.: 0.014 min
Response: 96747
Conc: 123.84 ng/ml



#22 AR-1248-2

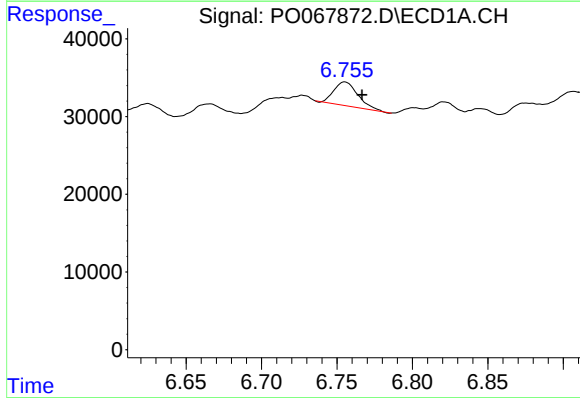
R.T.: 6.535 min
Delta R.T.: -0.015 min
Response: 57989
Conc: 82.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



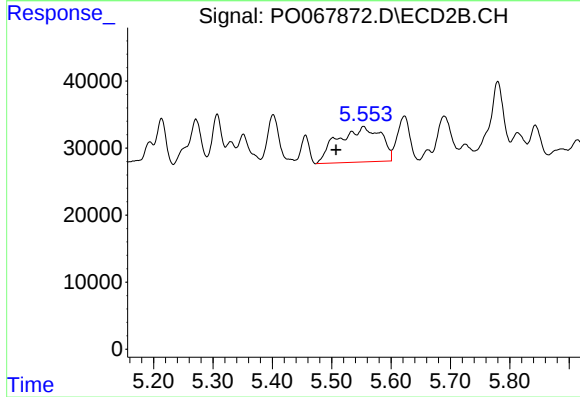
#22 AR-1248-2

R.T.: 5.456 min
Delta R.T.: -0.007 min
Response: 40950
Conc: 40.70 ng/ml



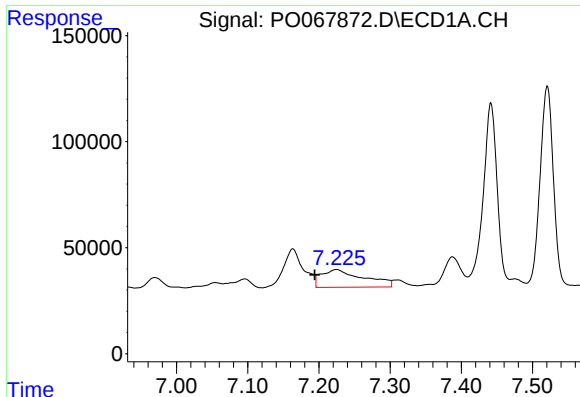
#23 AR-1248-3

R.T.: 6.755 min
Delta R.T.: -0.011 min
Response: 33892
Conc: 41.64 ng/ml



#23 AR-1248-3

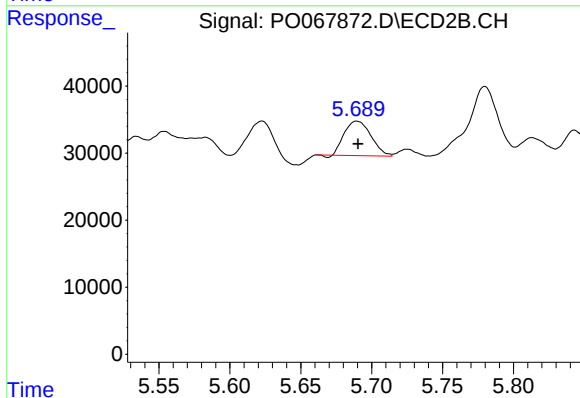
R.T.: 5.554 min
Delta R.T.: 0.047 min
Response: 263098
Conc: 257.23 ng/ml



#24 AR-1248-4

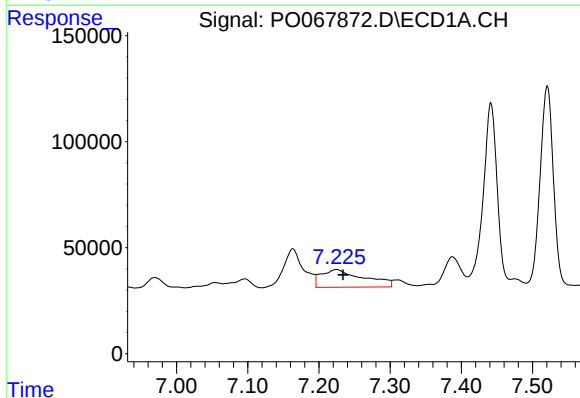
R.T.: 7.225 min
Delta R.T.: 0.031 min
Response: 345295
Conc: 365.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



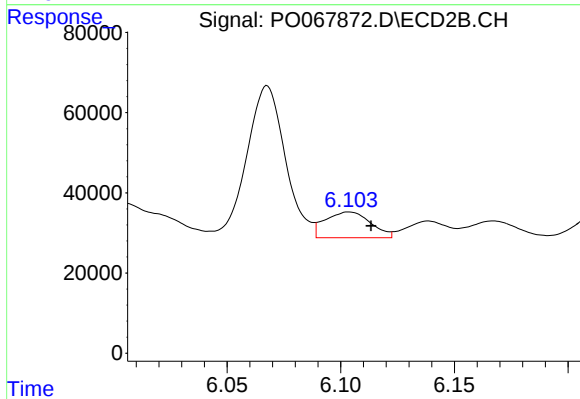
#24 AR-1248-4

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 67110
Conc: 53.85 ng/ml



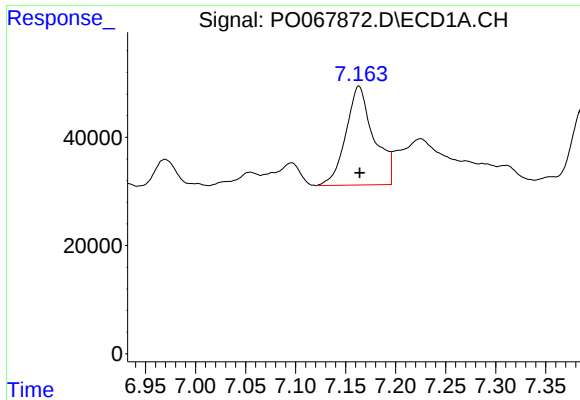
#25 AR-1248-5

R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 345295
Conc: 383.15 ng/ml



#25 AR-1248-5

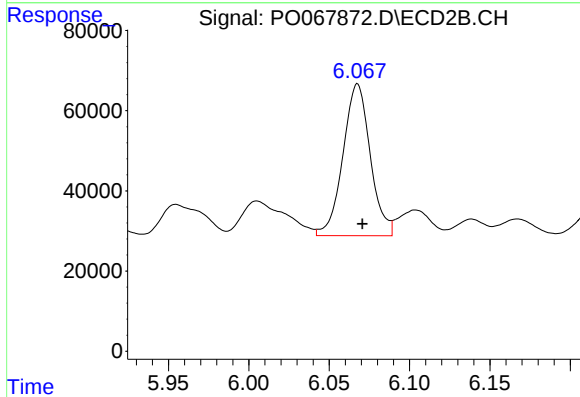
R.T.: 6.104 min
Delta R.T.: -0.010 min
Response: 89658
Conc: 72.45 ng/ml



#26 AR-1254-1

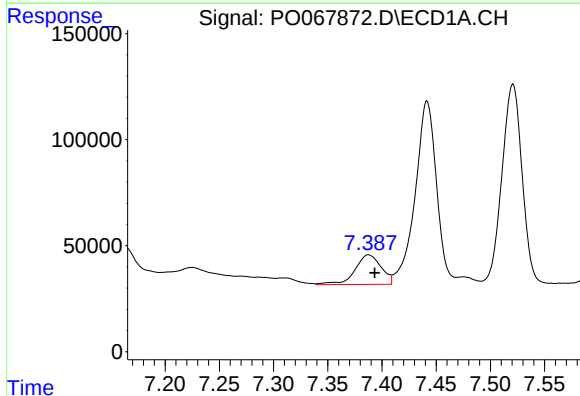
R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 355445
Conc: 287.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



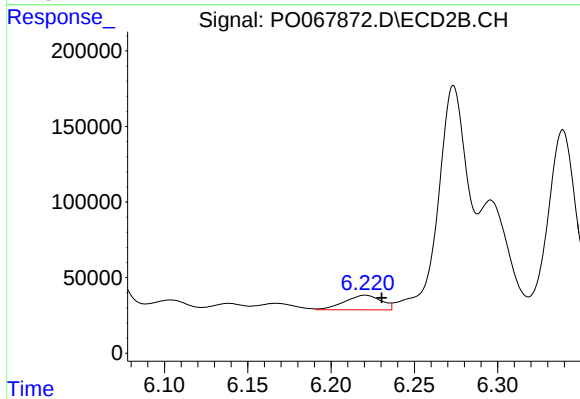
#26 AR-1254-1

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 448172
Conc: 174.79 ng/ml



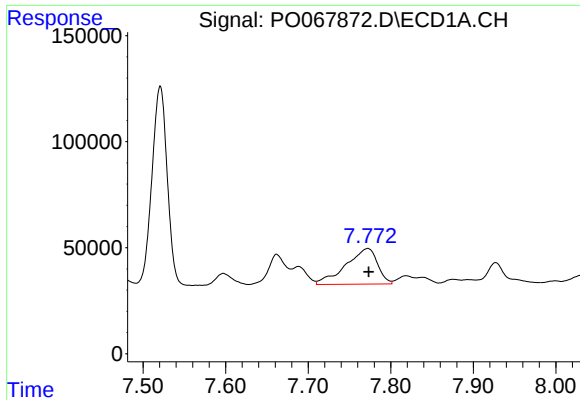
#27 AR-1254-2

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 234734
Conc: 119.35 ng/ml



#27 AR-1254-2

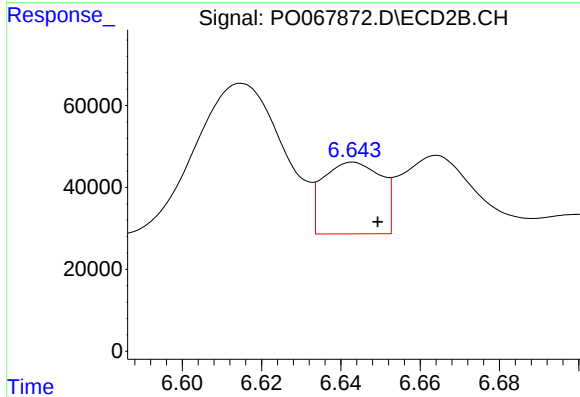
R.T.: 6.221 min
Delta R.T.: -0.010 min
Response: 147699
Conc: 64.76 ng/ml



#28 AR-1254-3

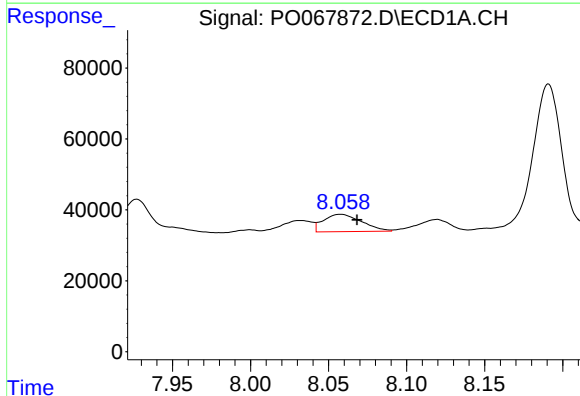
R.T.: 7.772 min
Delta R.T.: 0.000 min
Response: 446922
Conc: 215.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



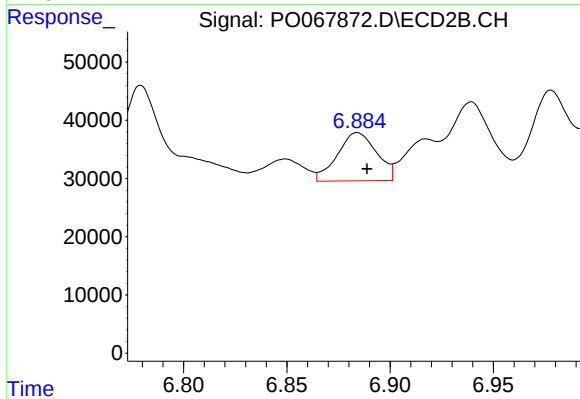
#28 AR-1254-3

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 178098
Conc: 48.78 ng/ml



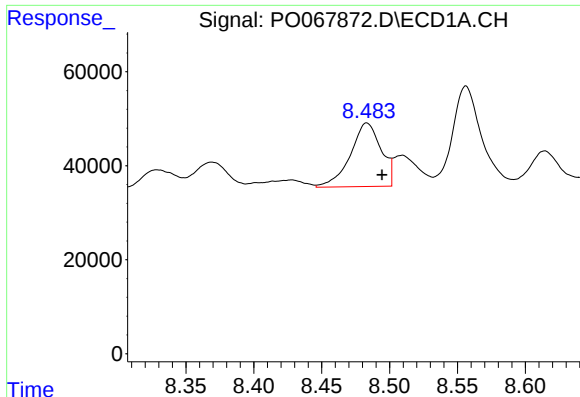
#29 AR-1254-4

R.T.: 8.058 min
Delta R.T.: -0.011 min
Response: 83379
Conc: 51.19 ng/ml



#29 AR-1254-4

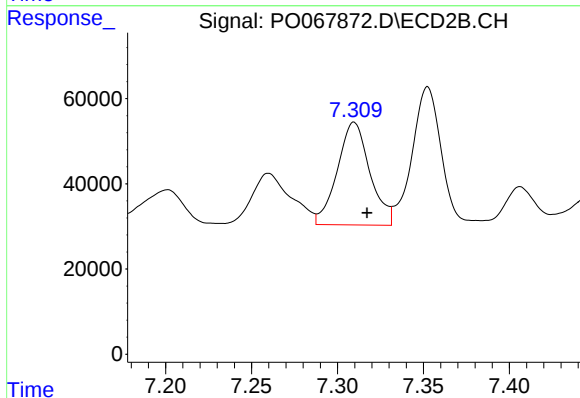
R.T.: 6.884 min
Delta R.T.: -0.005 min
Response: 109593
Conc: 45.46 ng/ml



#30 AR-1254-5

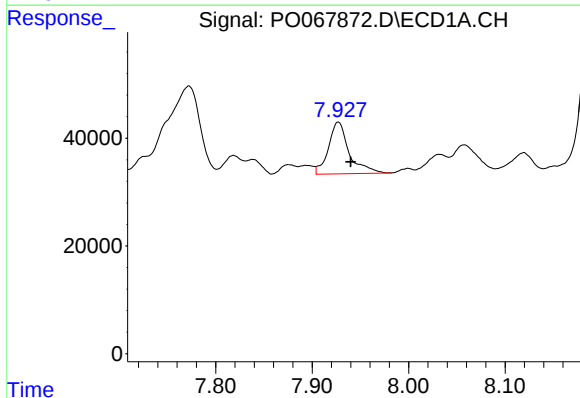
R.T.: 8.483 min
Delta R.T.: -0.011 min
Response: 213936
Conc: 124.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



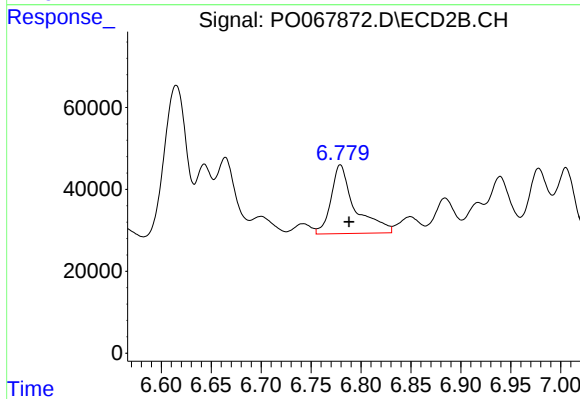
#30 AR-1254-5

R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 318350
Conc: 95.38 ng/ml



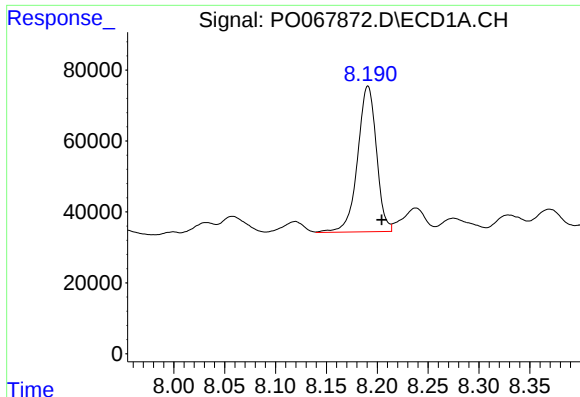
#31 AR-1260-1

R.T.: 7.927 min
Delta R.T.: -0.013 min
Response: 142443
Conc: 105.40 ng/ml



#31 AR-1260-1

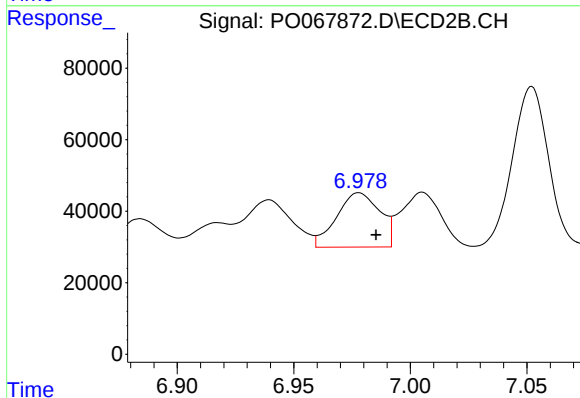
R.T.: 6.779 min
Delta R.T.: -0.009 min
Response: 279934
Conc: 133.53 ng/ml



#32 AR-1260-2

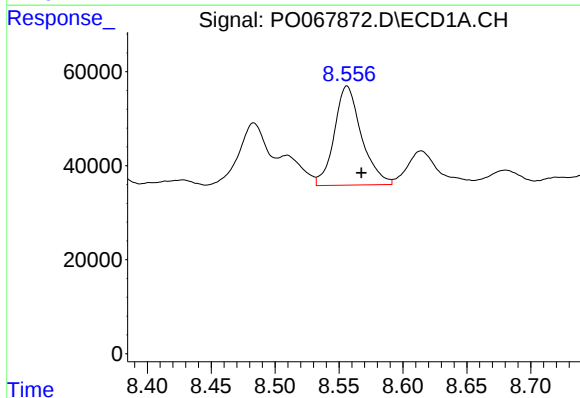
R.T.: 8.191 min
Delta R.T.: -0.014 min
Response: 530486
Conc: 314.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



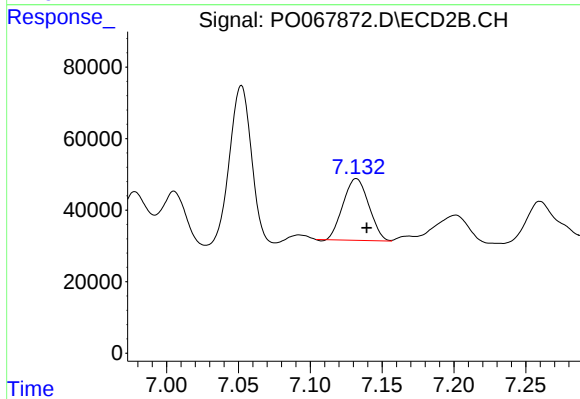
#32 AR-1260-2

R.T.: 6.978 min
Delta R.T.: -0.007 min
Response: 195949
Conc: 76.31 ng/ml



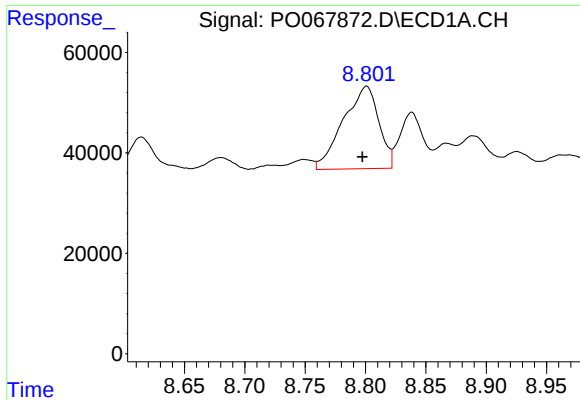
#33 AR-1260-3

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 311962
Conc: 239.33 ng/ml



#33 AR-1260-3

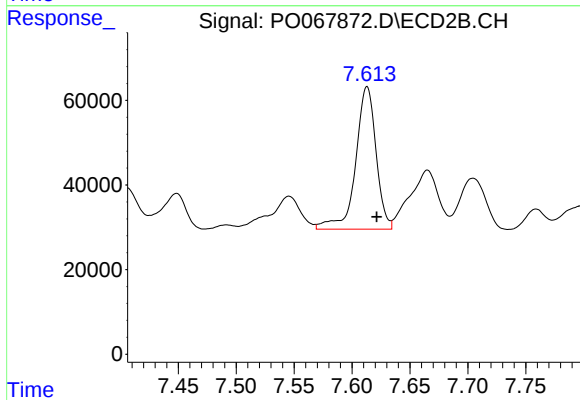
R.T.: 7.132 min
Delta R.T.: -0.007 min
Response: 214868
Conc: 89.35 ng/ml



#34 AR-1260-4

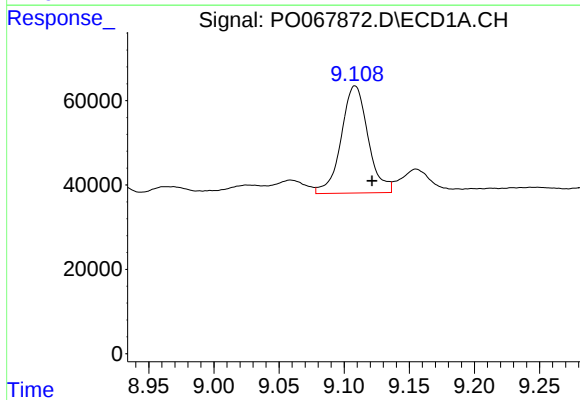
R.T.: 8.801 min
Delta R.T.: 0.004 min
Response: 337020
Conc: 219.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



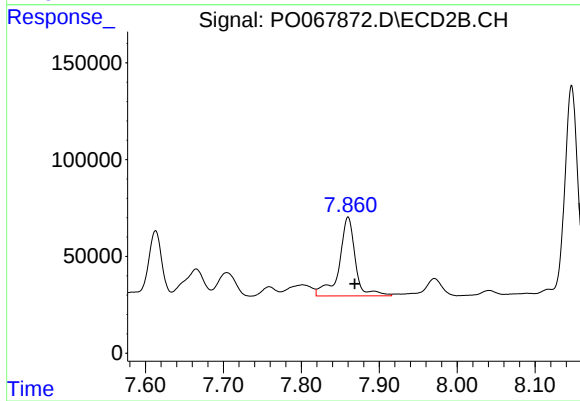
#34 AR-1260-4

R.T.: 7.613 min
Delta R.T.: -0.008 min
Response: 415134
Conc: 197.52 ng/ml



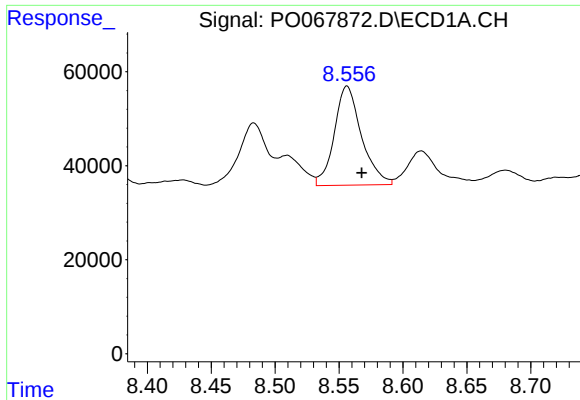
#35 AR-1260-5

R.T.: 9.108 min
Delta R.T.: -0.013 min
Response: 364558
Conc: 115.56 ng/ml



#35 AR-1260-5

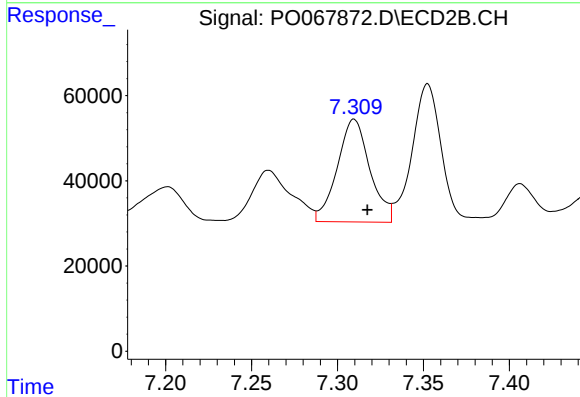
R.T.: 7.860 min
Delta R.T.: -0.009 min
Response: 585031
Conc: 115.56 ng/ml



#36 AR-1262-1

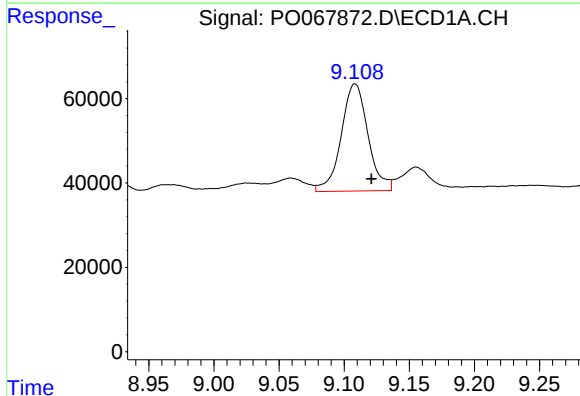
R.T.: 8.556 min
Delta R.T.: -0.012 min
Response: 311962
Conc: 186.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



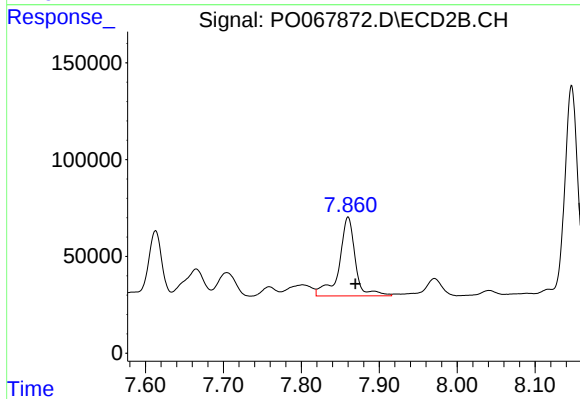
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 318350
Conc: 229.74 ng/ml



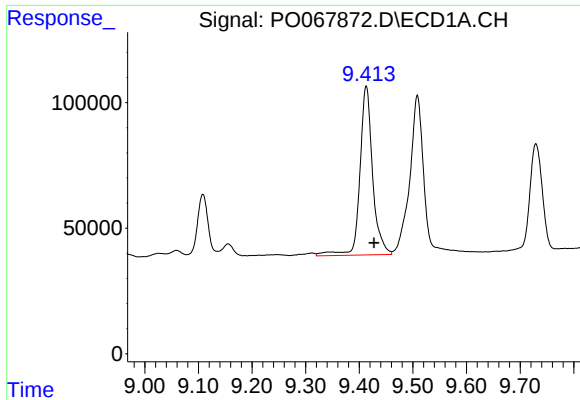
#37 AR-1262-2

R.T.: 9.108 min
Delta R.T.: -0.013 min
Response: 364558
Conc: 127.05 ng/ml



#37 AR-1262-2

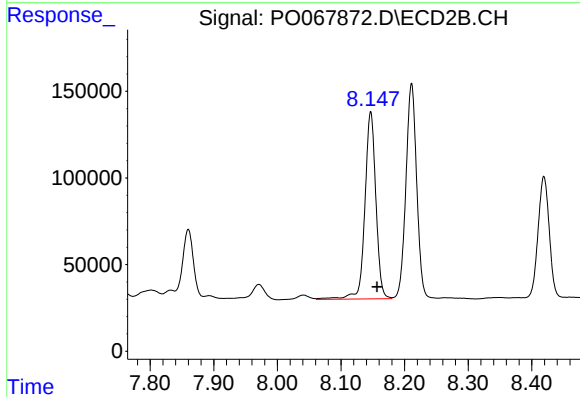
R.T.: 7.860 min
Delta R.T.: -0.009 min
Response: 585031
Conc: 127.96 ng/ml



#38 AR-1262-3

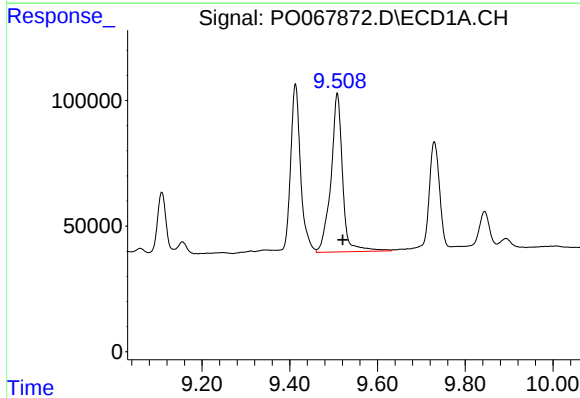
R.T.: 9.413 min
Delta R.T.: -0.015 min
Response: 1110267
Conc: 533.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



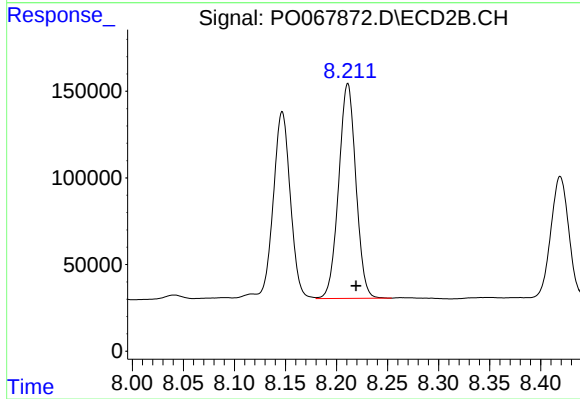
#38 AR-1262-3

R.T.: 8.147 min
Delta R.T.: -0.010 min
Response: 1294249
Conc: 658.50 ng/ml



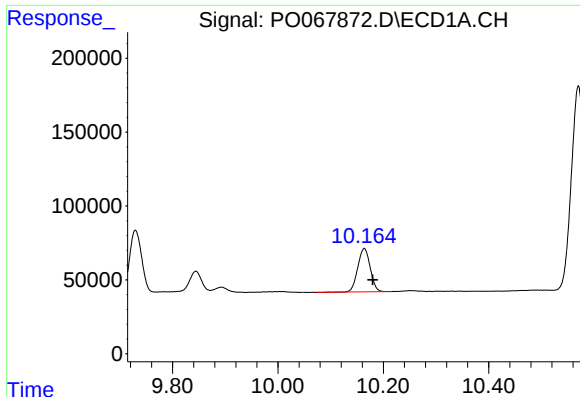
#39 AR-1262-4

R.T.: 9.508 min
Delta R.T.: -0.013 min
Response: 1168525
Conc: 738.47 ng/ml



#39 AR-1262-4

R.T.: 8.211 min
Delta R.T.: -0.008 min
Response: 1455506
Conc: 424.60 ng/ml



#40 AR-1262-5

R.T.: 10.164 min
Delta R.T.: -0.016 min
Response: 484038
Conc: 410.52 ng/ml

Instrument :
ECD_O
ClientSampleId :

#40 AR-1262-5

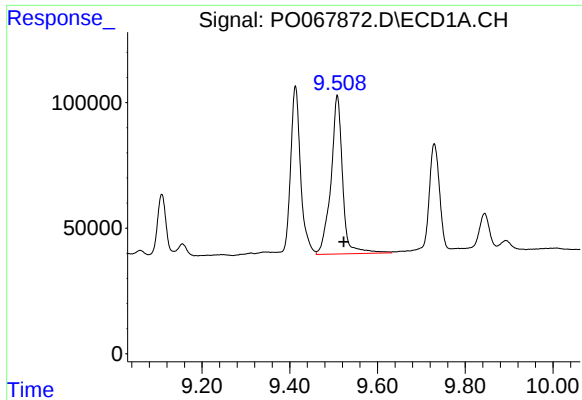
R.T.: 8.705 min
Delta R.T.: -0.010 min
Response: 601235
Conc: 353.70 ng/ml

#41 AR-1268-1

R.T.: 9.413 min
Delta R.T.: -0.015 min
Response: 1110267
Conc: 300.47 ng/ml

#41 AR-1268-1

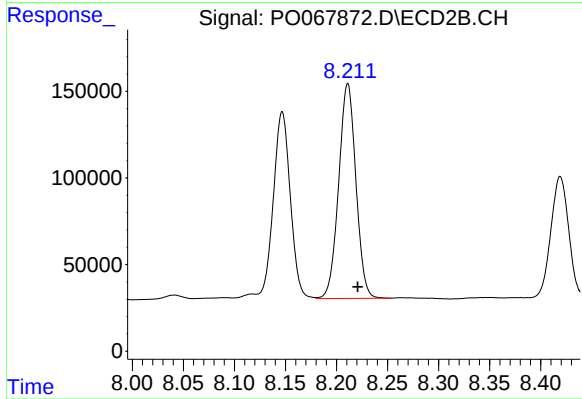
R.T.: 8.147 min
Delta R.T.: -0.009 min
Response: 1294249
Conc: 240.54 ng/ml



#42 AR-1268-2

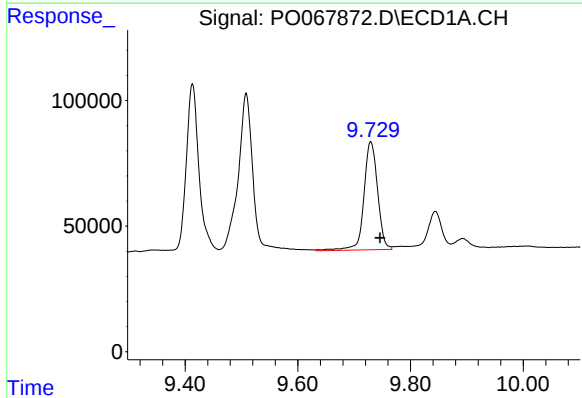
R.T.: 9.508 min
Delta R.T.: -0.015 min
Response: 1168525
Conc: 337.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



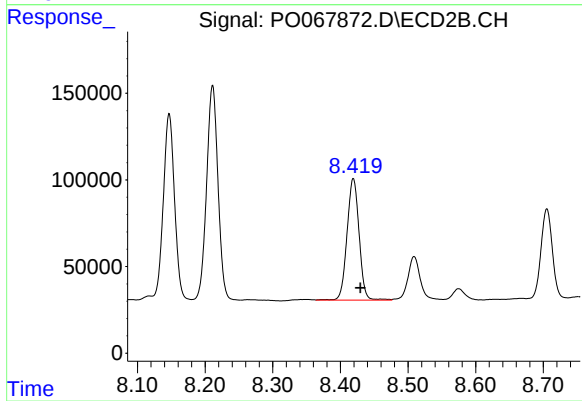
#42 AR-1268-2

R.T.: 8.211 min
Delta R.T.: -0.010 min
Response: 1455506
Conc: 294.79 ng/ml



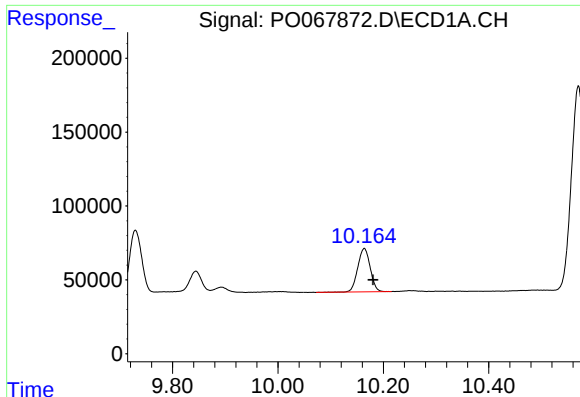
#43 AR-1268-3

R.T.: 9.729 min
Delta R.T.: -0.017 min
Response: 725401
Conc: 249.82 ng/ml



#43 AR-1268-3

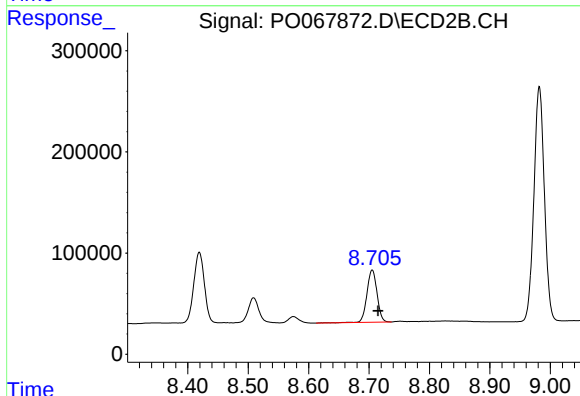
R.T.: 8.419 min
Delta R.T.: -0.010 min
Response: 870413
Conc: 207.67 ng/ml



#44 AR-1268-4

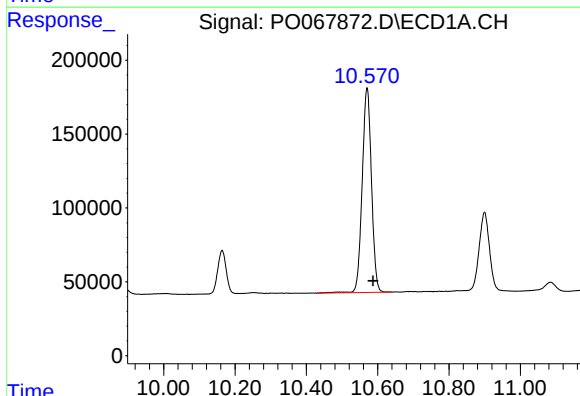
R.T.: 10.164 min
Delta R.T.: -0.017 min
Response: 484038
Conc: 348.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



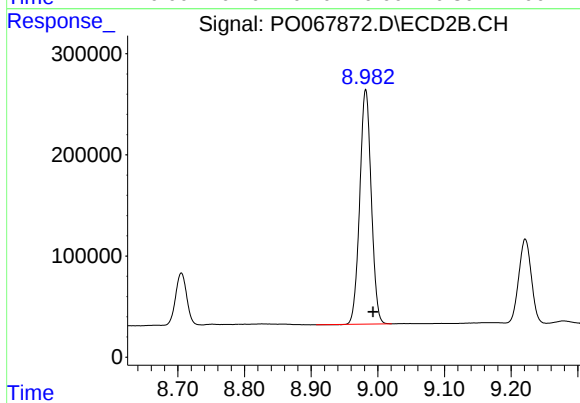
#44 AR-1268-4

R.T.: 8.705 min
Delta R.T.: -0.010 min
Response: 601235
Conc: 310.74 ng/ml



#45 AR-1268-5

R.T.: 10.570 min
Delta R.T.: -0.017 min
Response: 2501429
Conc: 252.30 ng/ml



#45 AR-1268-5

R.T.: 8.982 min
Delta R.T.: -0.011 min
Response: 2782511
Conc: 215.76 ng/ml