

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071519\
 Data File : P0057981.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jul 2019 18:47
 Operator : SM/AJ
 Sample : K3776-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FK-SF-01-006-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:30:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 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...	4.204	3.544	937289	821659	23.861	23.367
2)	SA Decachlor...	9.725	8.450	267404	581639	4.755	15.549 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.631	0	230282	N.D.	172.240 #
4)	L1 AR-1016-2	0.000	4.631	0	230282	N.D.	118.282 #
5)	L1 AR-1016-3	5.495	0.000	333913	0	214.204	N.D. #
6)	L1 AR-1016-4	5.628	4.903	87352	652322	67.360	733.189 #
7)	L1 AR-1016-5	5.826	5.049	228513	70868	167.183	62.034 #
10)	L2 AR-1221-3	4.657	3.955	216200	117011	204.808	133.598 #
11)	L3 AR-1232-1	4.657	3.955	216200	117011	240.837	156.630 #
12)	L3 AR-1232-2	5.062	4.631	38115	230282	78.654	279.492 #
14)	L3 AR-1232-4	5.628	4.903	87352	652322	164.345	1715.721 #
15)	L3 AR-1232-5	5.672	5.049	49280	70868	119.340	166.459 #
16)	L4 AR-1242-1	0.000	4.631	0	230282	N.D.	217.596 #
17)	L4 AR-1242-2	0.000	4.631	0	230282	N.D.	147.810 #
18)	L4 AR-1242-3	5.495	0.000	333913	0	264.496	N.D. #
19)	L4 AR-1242-4	5.628	4.903	87352	652322	80.515	781.703 #
20)	L4 AR-1242-5	6.289	5.403	266999	509482	205.769	508.740 #
21)	L5 AR-1248-1	0.000	4.631	0	230282	N.D.	248.348 #
22)	L5 AR-1248-2	5.672	4.903	49280	652322	28.389	507.502 #
23)	L5 AR-1248-3	5.910	4.903	-238127	652322	N.D.	494.333 #
24)	L5 AR-1248-4	6.289	5.049	266999	70868	113.915	43.787 #
25)	L5 AR-1248-5	6.289	5.464	266999	65982	118.900	42.664 #
26)	L6 AR-1254-1	6.213	5.403	905984	509482	465.142	239.563 #
27)	L6 AR-1254-2	6.474	5.562	2320591	62542	744.551	33.602 #
28)	L6 AR-1254-3	6.836	5.936	146846	217953	44.417	72.380 #
29)	L6 AR-1254-4	7.103	6.203	228291	179989	84.119	99.991
30)	L6 AR-1254-5	7.506	6.609	444486	79204	158.978	29.236 #
31)	L7 AR-1260-1	6.941	6.062	259508	113669	93.639	53.109 #
32)	L7 AR-1260-2	7.242	6.287	220360	198263	59.773	72.263
33)	L7 AR-1260-3	7.609	6.400	157516	138738	51.846	56.825
34)	L7 AR-1260-4	7.775	6.865	188023	57635	61.998	27.682 #
35)	L7 AR-1260-5	8.138	7.109	142753	198353	22.827	39.106 #
36)	L8 AR-1262-1	7.609	6.609	157516	79204	34.658	21.159 #
37)	L8 AR-1262-2	8.138	7.109	142753	198353	19.924	33.382 #
38)	L8 AR-1262-3	8.384	7.385	169948	40721	34.612	15.920 #
39)	L8 AR-1262-4	0.000	7.450	0	115191	N.D.	26.136 #
40)	L8 AR-1262-5	9.096	7.952	81190	115445	32.197	63.214 #
41)	L9 AR-1268-1	8.384	7.385	169948	40721	20.155	5.947 #
42)	L9 AR-1268-2	0.000	7.450	0	115191	N.D.	18.149 #
43)	L9 AR-1268-3	8.652	7.742	79563	34186	11.803	6.389 #
44)	L9 AR-1268-4	9.096	7.952	81190	115445	31.510	57.625 #

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-SF-01-006-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:30:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jun 24 14:02:43 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
45) L9	AR-1268-5	0.000	8.186	0	47783	N.D.	3.110 #

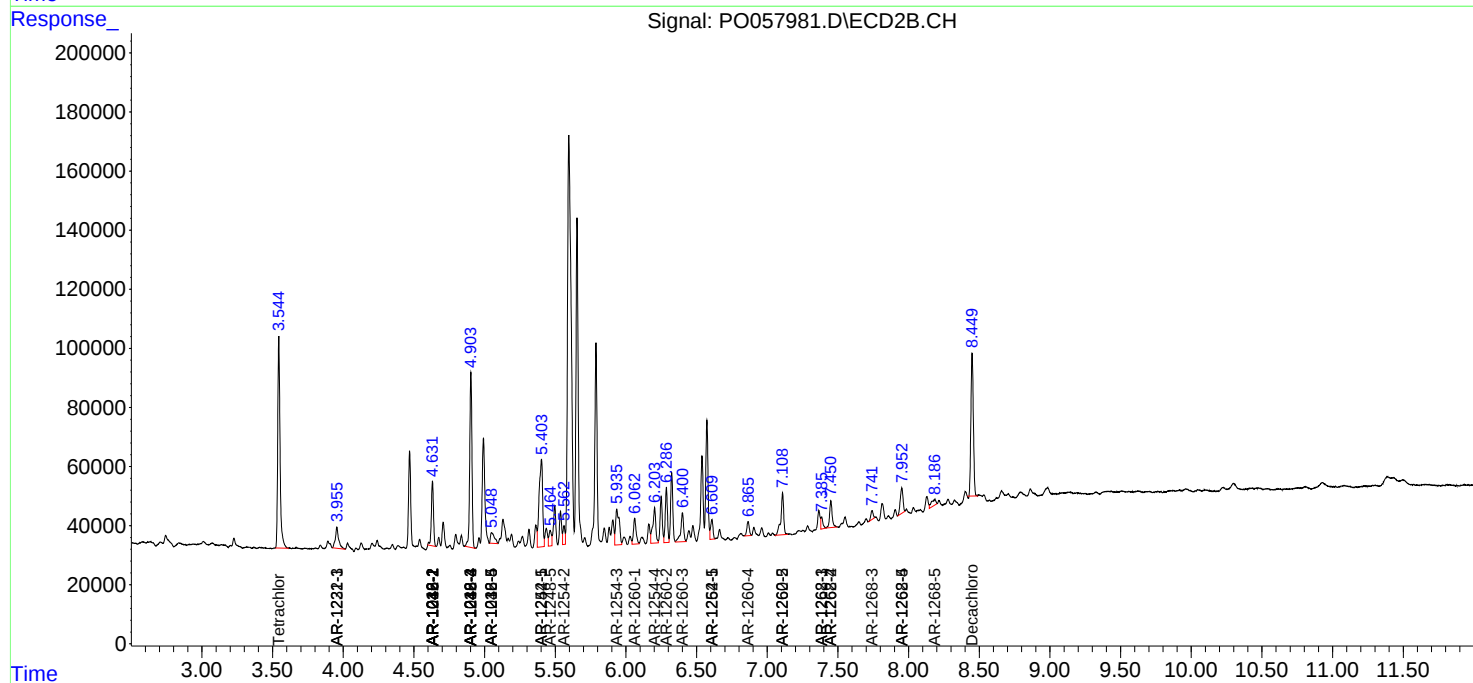
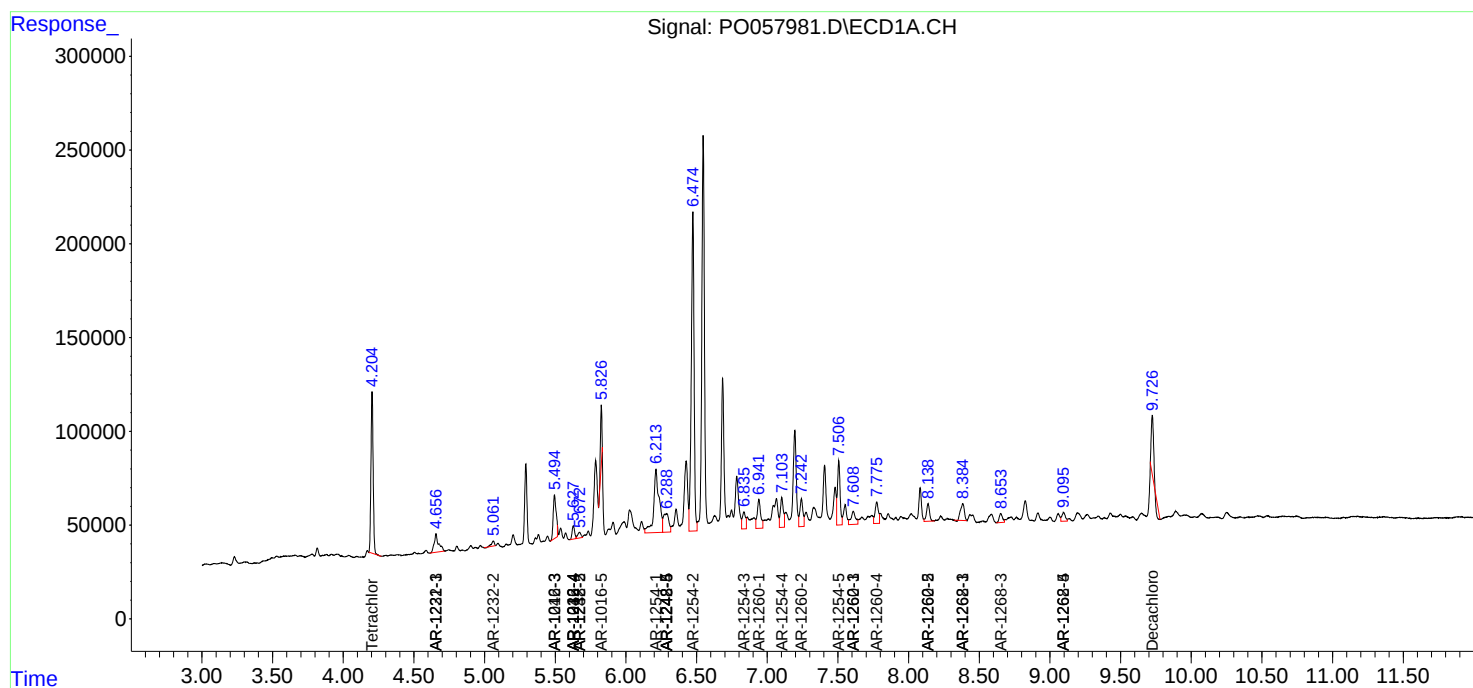
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

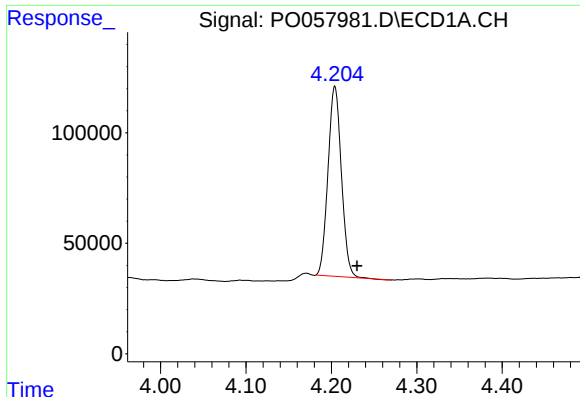
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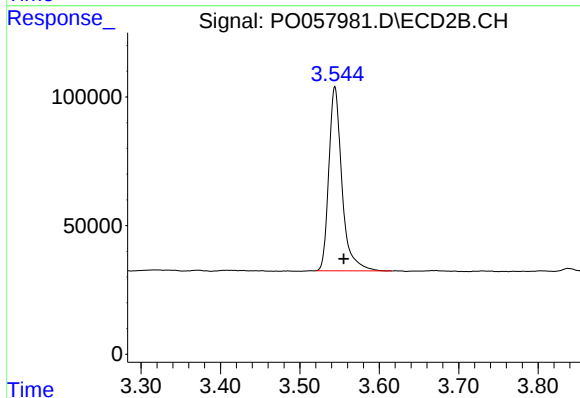




#1 Tetrachloro-m-xylene

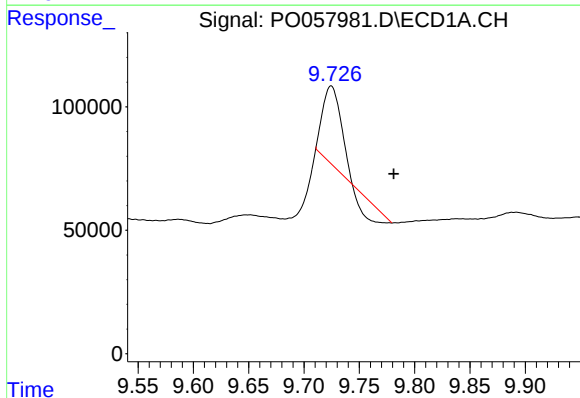
R.T.: 4.204 min
Delta R.T.: -0.026 min
Response: 937289
Conc: 23.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



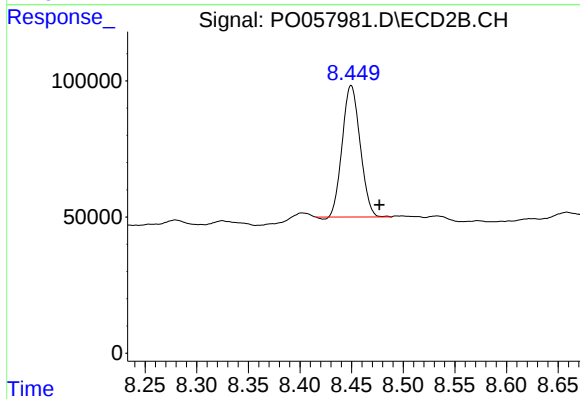
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.011 min
Response: 821659
Conc: 23.37 ng/ml



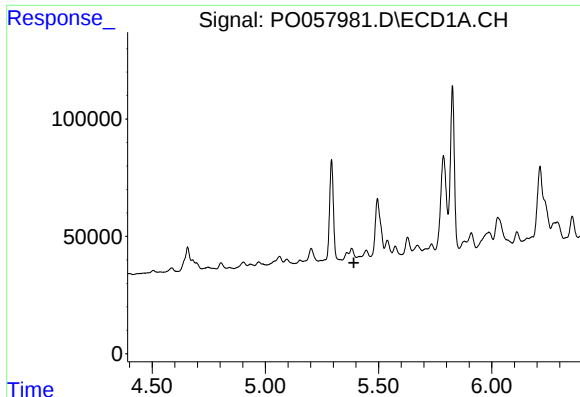
#2 Decachlorobiphenyl

R.T.: 9.725 min
Delta R.T.: -0.057 min
Response: 267404
Conc: 4.76 ng/ml



#2 Decachlorobiphenyl

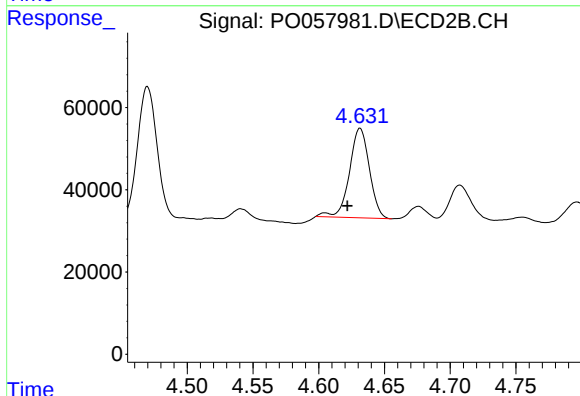
R.T.: 8.450 min
Delta R.T.: -0.027 min
Response: 581639
Conc: 15.55 ng/ml



#3 AR-1016-1

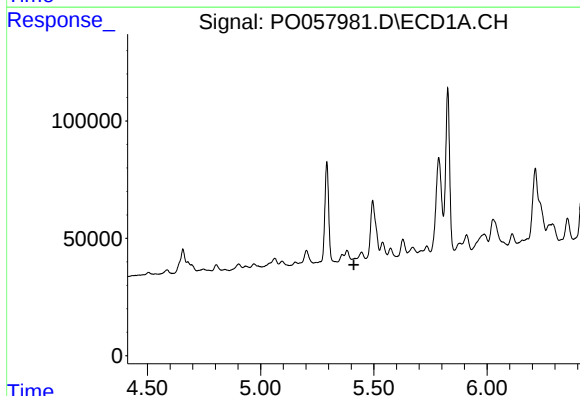
R.T.: 0.000 min
Exp R.T.: 5.391 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



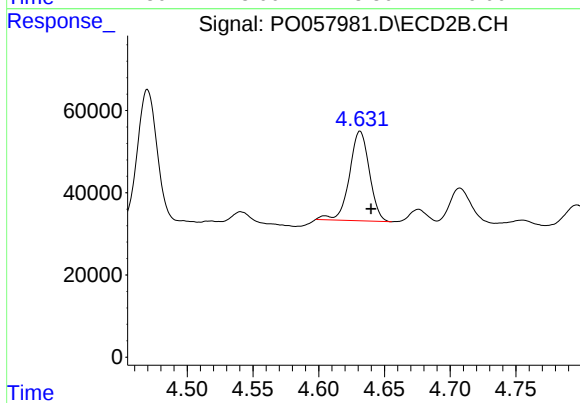
#3 AR-1016-1

R.T.: 4.631 min
Delta R.T.: 0.010 min
Response: 230282
Conc: 172.24 ng/ml



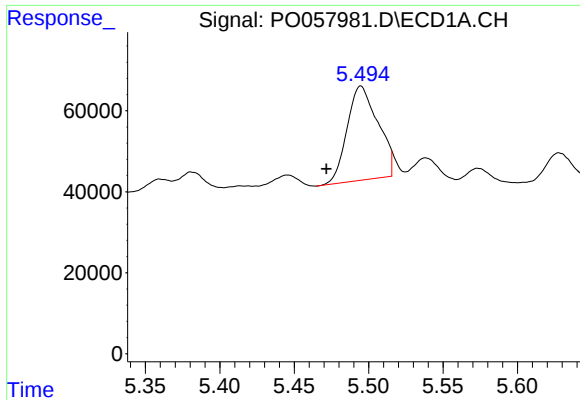
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.412 min
Response: 0
Conc: N.D.



#4 AR-1016-2

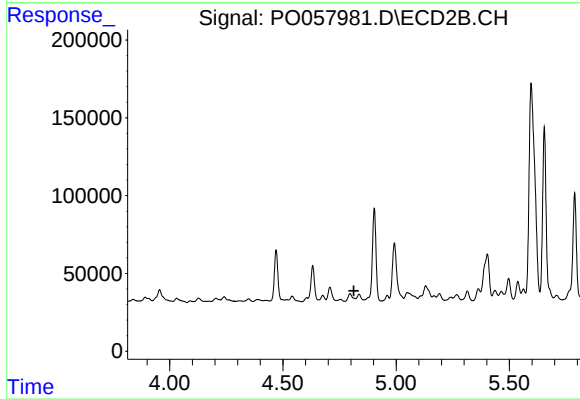
R.T.: 4.631 min
Delta R.T.: -0.008 min
Response: 230282
Conc: 118.28 ng/ml



#5 AR-1016-3

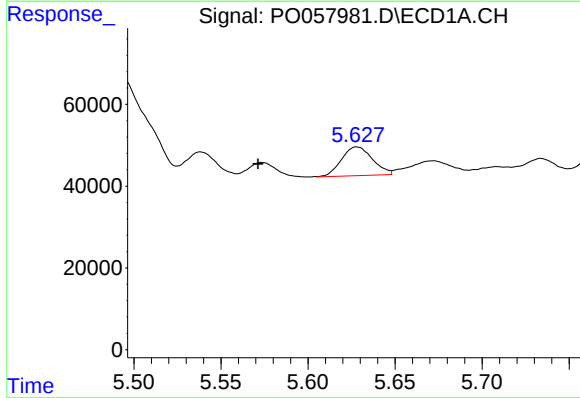
R.T.: 5.495 min
Delta R.T.: 0.023 min
Response: 333913
Conc: 214.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



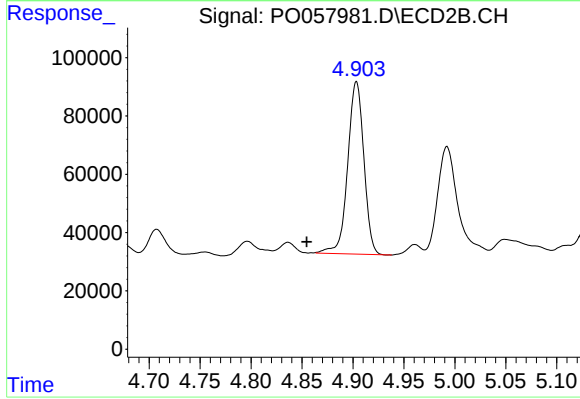
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



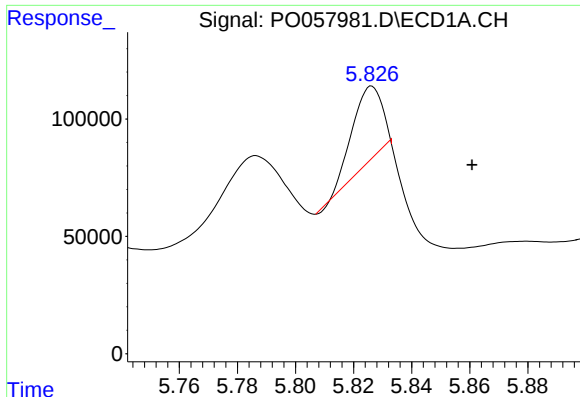
#6 AR-1016-4

R.T.: 5.628 min
Delta R.T.: 0.057 min
Response: 87352
Conc: 67.36 ng/ml



#6 AR-1016-4

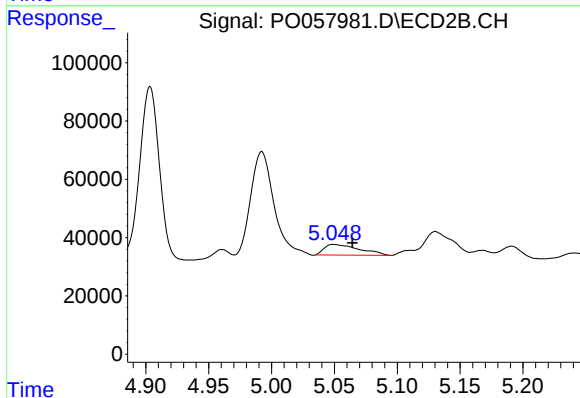
R.T.: 4.903 min
Delta R.T.: 0.049 min
Response: 652322
Conc: 733.19 ng/ml



#7 AR-1016-5

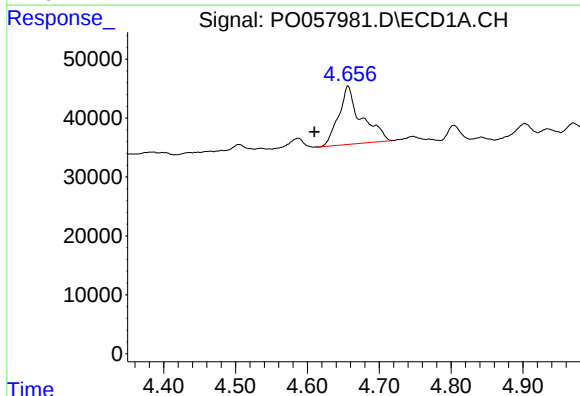
R.T.: 5.826 min
Delta R.T.: -0.034 min
Response: 228513
Conc: 167.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



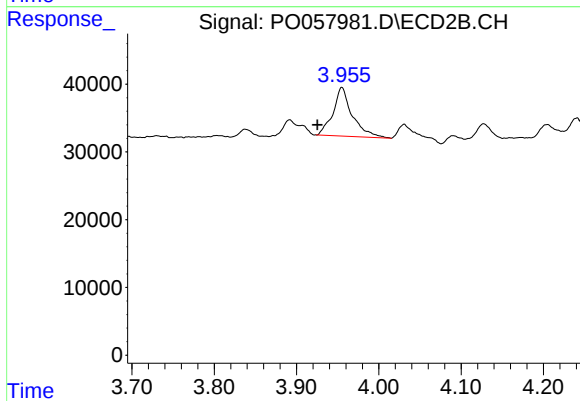
#7 AR-1016-5

R.T.: 5.049 min
Delta R.T.: -0.015 min
Response: 70868
Conc: 62.03 ng/ml



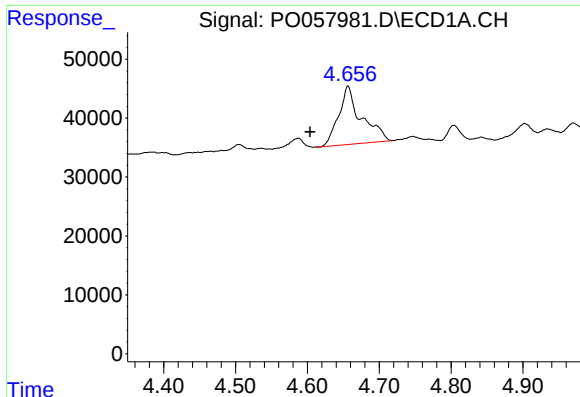
#10 AR-1221-3

R.T.: 4.657 min
Delta R.T.: 0.046 min
Response: 216200
Conc: 204.81 ng/ml



#10 AR-1221-3

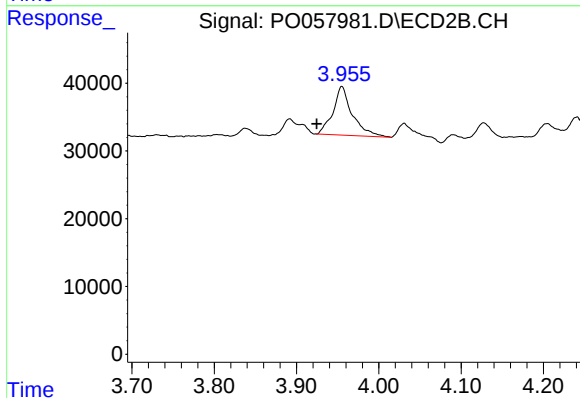
R.T.: 3.955 min
Delta R.T.: 0.030 min
Response: 117011
Conc: 133.60 ng/ml



#11 AR-1232-1

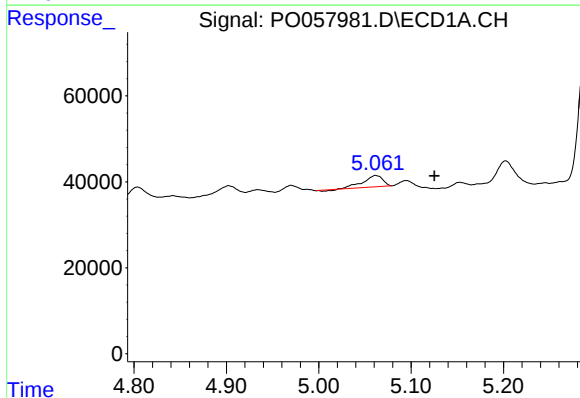
R.T.: 4.657 min
Delta R.T.: 0.053 min
Response: 216200
Conc: 240.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



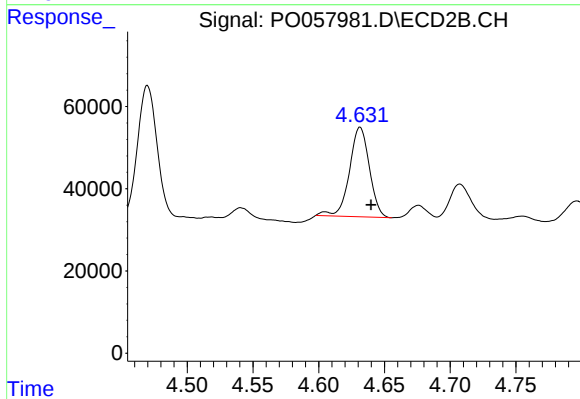
#11 AR-1232-1

R.T.: 3.955 min
Delta R.T.: 0.031 min
Response: 117011
Conc: 156.63 ng/ml



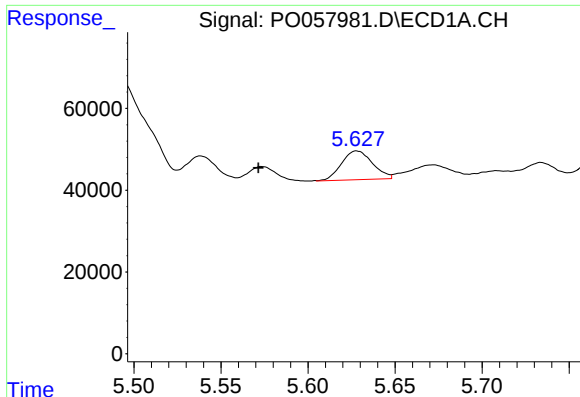
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: -0.063 min
Response: 38115
Conc: 78.65 ng/ml



#12 AR-1232-2

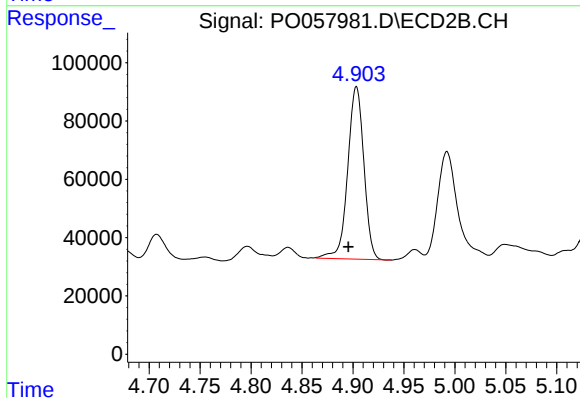
R.T.: 4.631 min
Delta R.T.: -0.008 min
Response: 230282
Conc: 279.49 ng/ml



#14 AR-1232-4

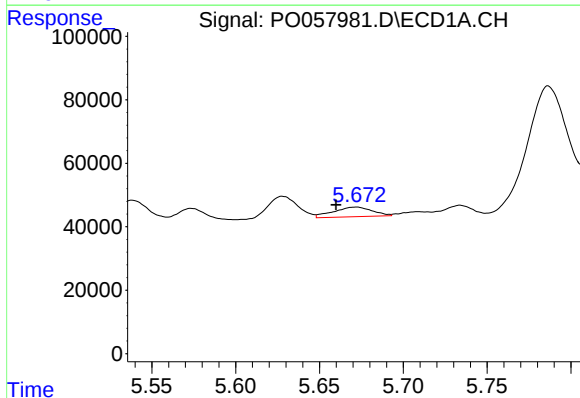
R.T.: 5.628 min
Delta R.T.: 0.057 min
Response: 87352
Conc: 164.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



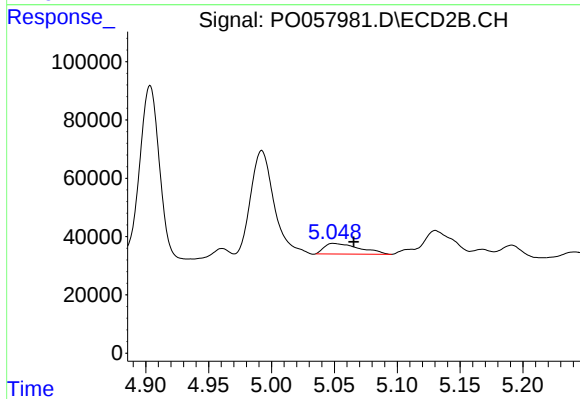
#14 AR-1232-4

R.T.: 4.903 min
Delta R.T.: 0.008 min
Response: 652322
Conc: 1715.72 ng/ml



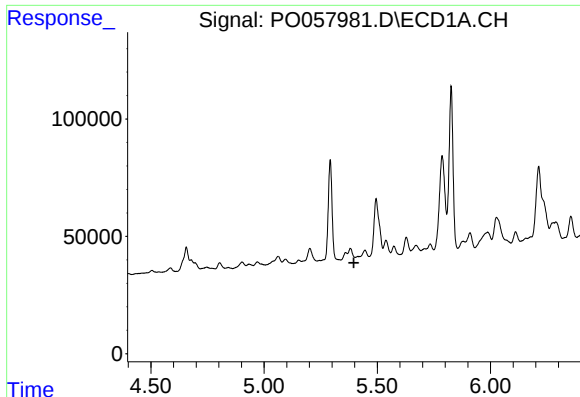
#15 AR-1232-5

R.T.: 5.672 min
Delta R.T.: 0.012 min
Response: 49280
Conc: 119.34 ng/ml



#15 AR-1232-5

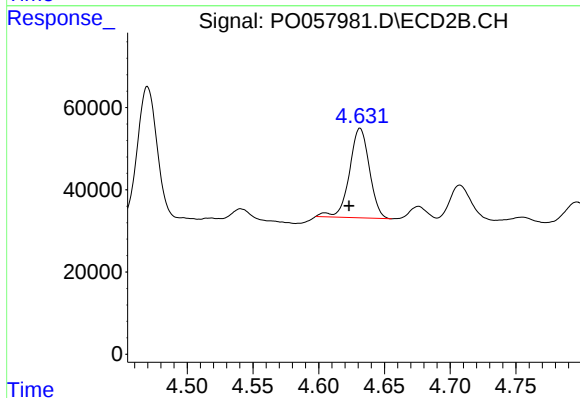
R.T.: 5.049 min
Delta R.T.: -0.016 min
Response: 70868
Conc: 166.46 ng/ml



#16 AR-1242-1

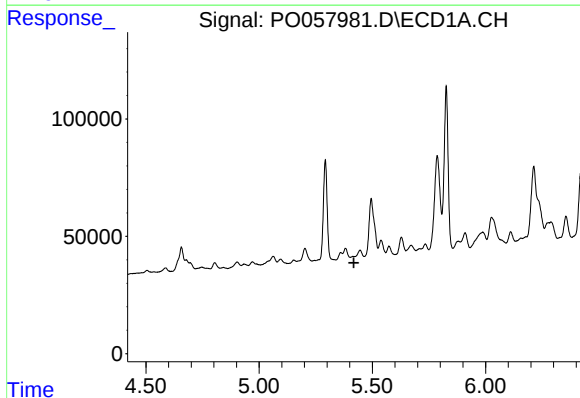
R.T.: 0.000 min
Exp R.T.: 5.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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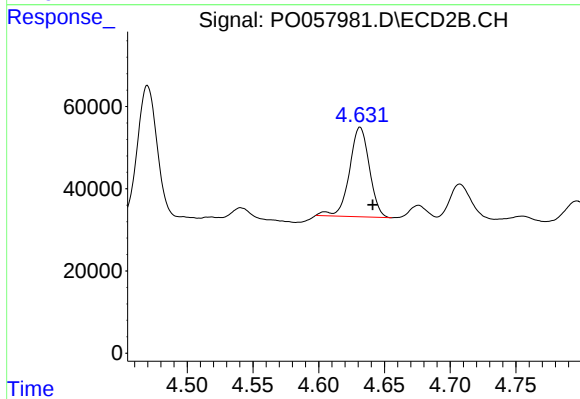
#16 AR-1242-1

R.T.: 4.631 min
Delta R.T.: 0.008 min
Response: 230282
Conc: 217.60 ng/ml



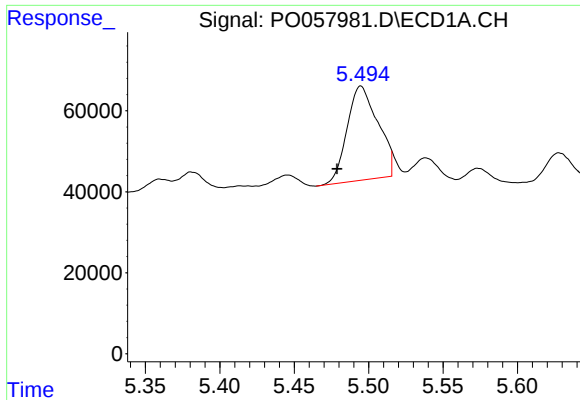
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.



#17 AR-1242-2

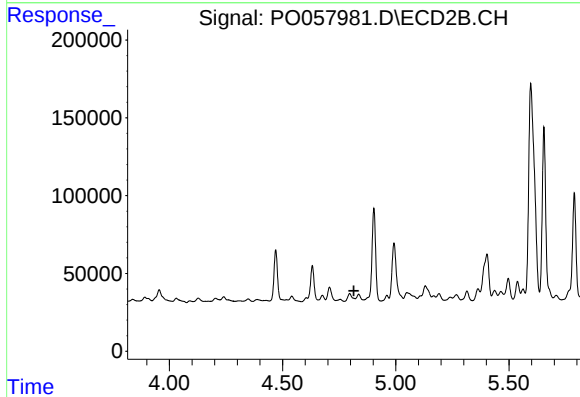
R.T.: 4.631 min
Delta R.T.: -0.010 min
Response: 230282
Conc: 147.81 ng/ml



#18 AR-1242-3

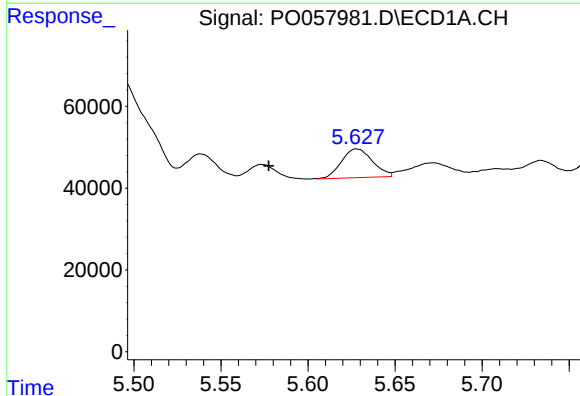
R.T.: 5.495 min
Delta R.T.: 0.016 min
Response: 333913
Conc: 264.50 ng/ml

Instrument :
ECD_O
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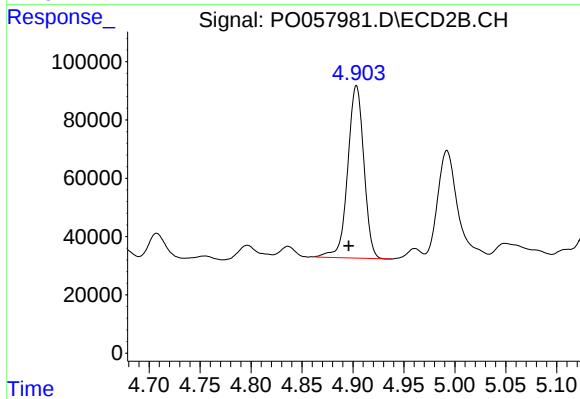
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



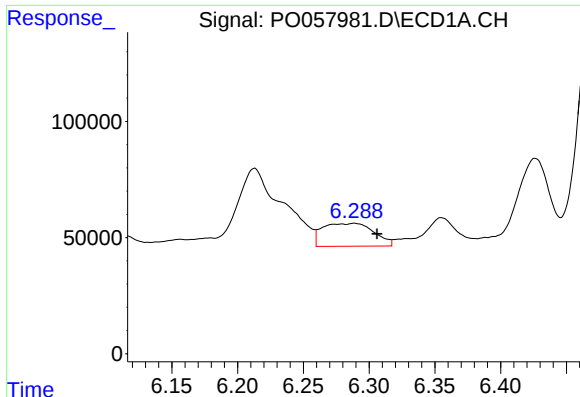
#19 AR-1242-4

R.T.: 5.628 min
Delta R.T.: 0.051 min
Response: 87352
Conc: 80.52 ng/ml



#19 AR-1242-4

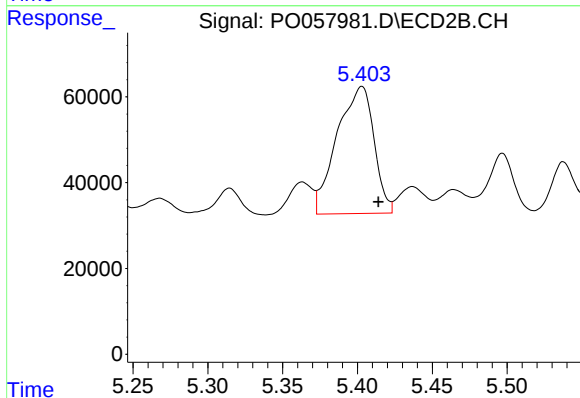
R.T.: 4.903 min
Delta R.T.: 0.008 min
Response: 652322
Conc: 781.70 ng/ml



#20 AR-1242-5

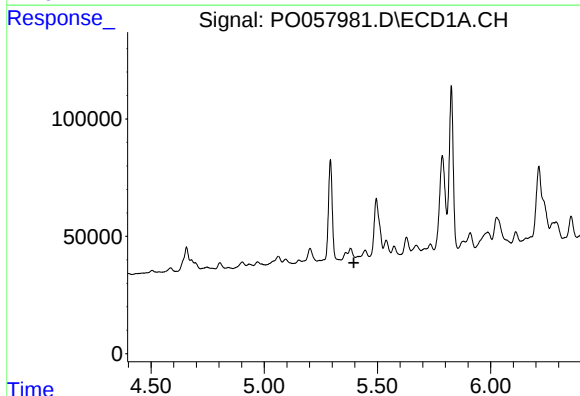
R.T.: 6.289 min
Delta R.T.: -0.017 min
Response: 266999
Conc: 205.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



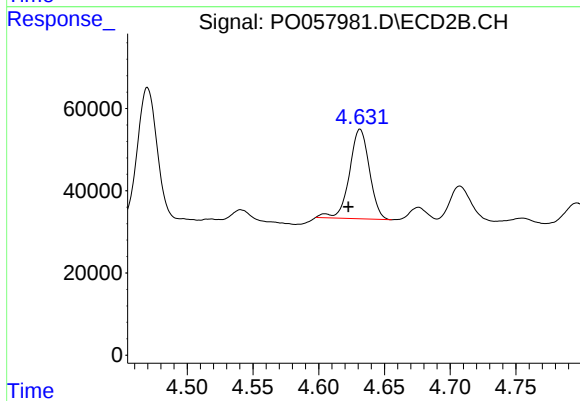
#20 AR-1242-5

R.T.: 5.403 min
Delta R.T.: -0.011 min
Response: 509482
Conc: 508.74 ng/ml



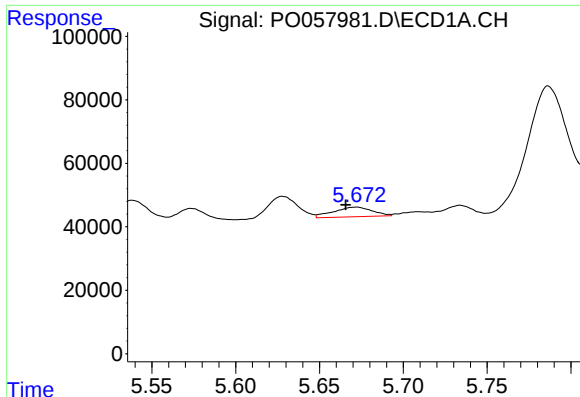
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.396 min
Response: 0
Conc: N.D.



#21 AR-1248-1

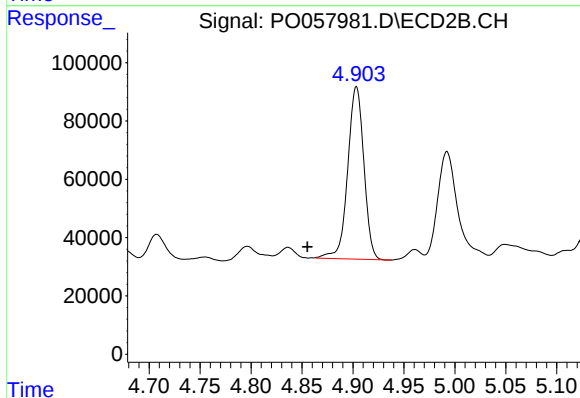
R.T.: 4.631 min
Delta R.T.: 0.009 min
Response: 230282
Conc: 248.35 ng/ml



#22 AR-1248-2

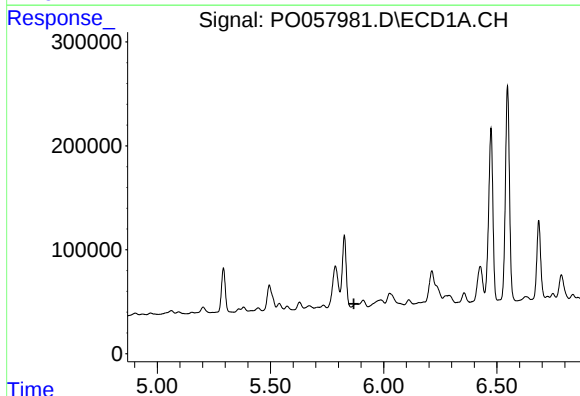
R.T.: 5.672 min
Delta R.T.: 0.006 min
Response: 49280
Conc: 28.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



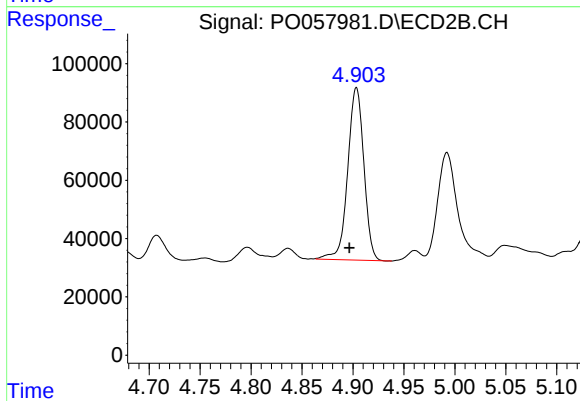
#22 AR-1248-2

R.T.: 4.903 min
Delta R.T.: 0.048 min
Response: 652322
Conc: 507.50 ng/ml



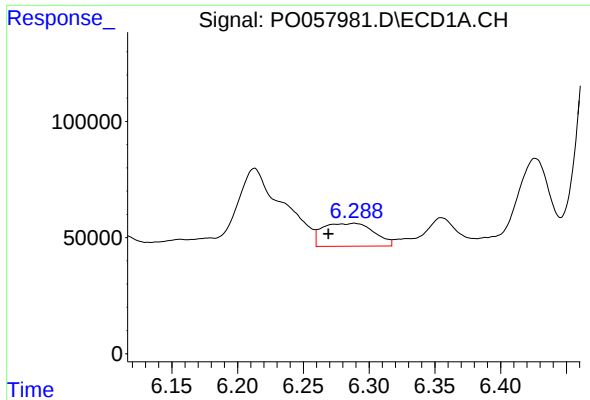
#23 AR-1248-3

R.T.: 5.910 min
Delta R.T.: 0.041 min
Response: -238127
Conc: N.D.



#23 AR-1248-3

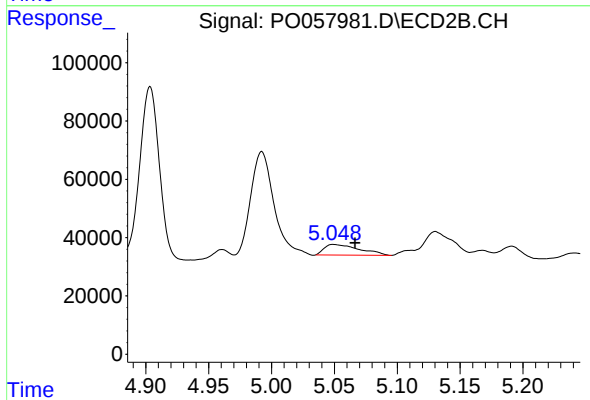
R.T.: 4.903 min
Delta R.T.: 0.007 min
Response: 652322
Conc: 494.33 ng/ml



#24 AR-1248-4

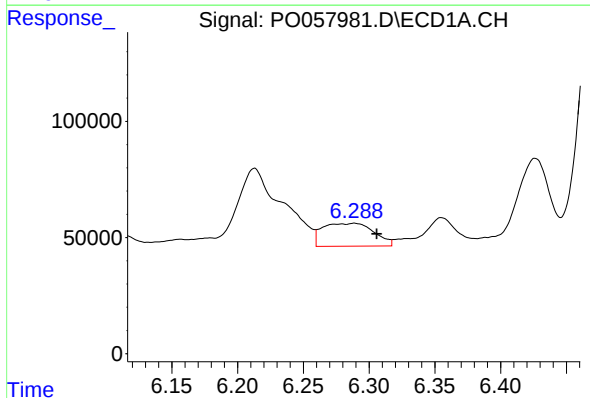
R.T.: 6.289 min
Delta R.T.: 0.020 min
Response: 266999
Conc: 113.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



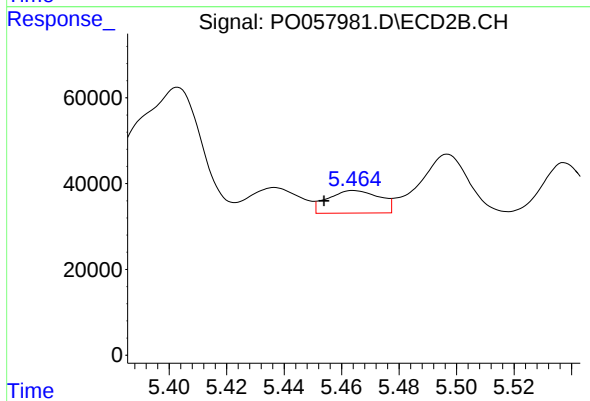
#24 AR-1248-4

R.T.: 5.049 min
Delta R.T.: -0.017 min
Response: 70868
Conc: 43.79 ng/ml



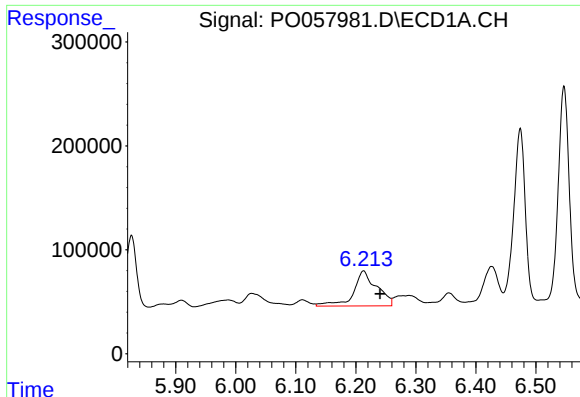
#25 AR-1248-5

R.T.: 6.289 min
Delta R.T.: -0.017 min
Response: 266999
Conc: 118.90 ng/ml



#25 AR-1248-5

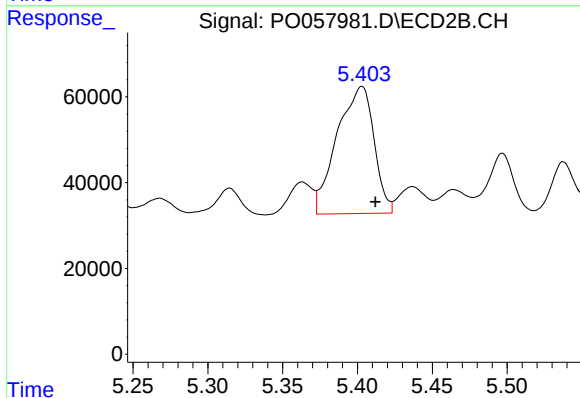
R.T.: 5.464 min
Delta R.T.: 0.010 min
Response: 65982
Conc: 42.66 ng/ml



#26 AR-1254-1

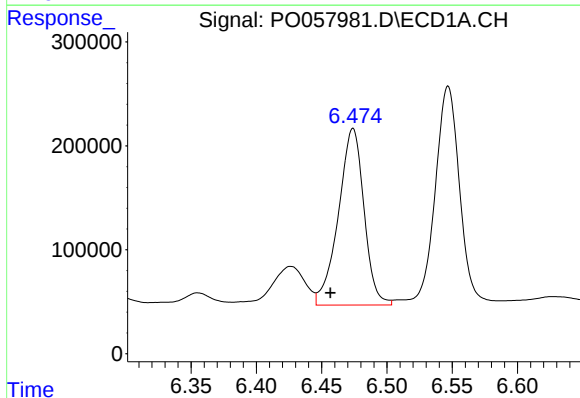
R.T.: 6.213 min
Delta R.T.: -0.027 min
Response: 905984
Conc: 465.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



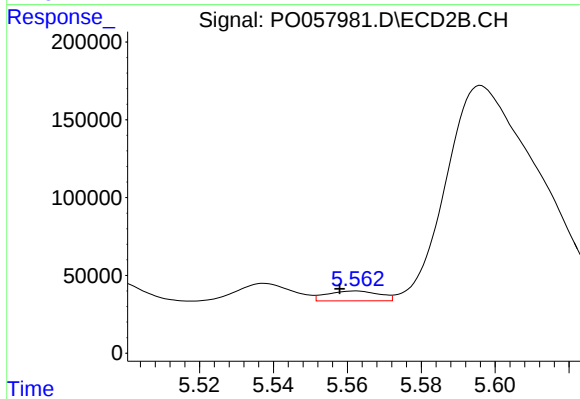
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.009 min
Response: 509482
Conc: 239.56 ng/ml



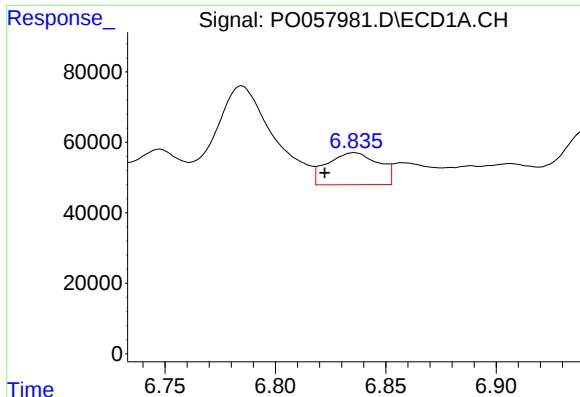
#27 AR-1254-2

R.T.: 6.474 min
Delta R.T.: 0.017 min
Response: 2320591
Conc: 744.55 ng/ml



#27 AR-1254-2

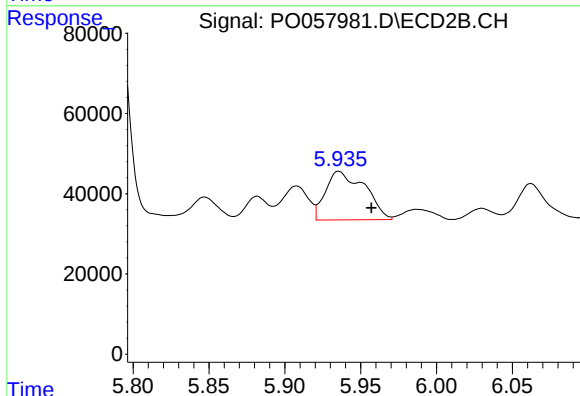
R.T.: 5.562 min
Delta R.T.: 0.004 min
Response: 62542
Conc: 33.60 ng/ml



#28 AR-1254-3

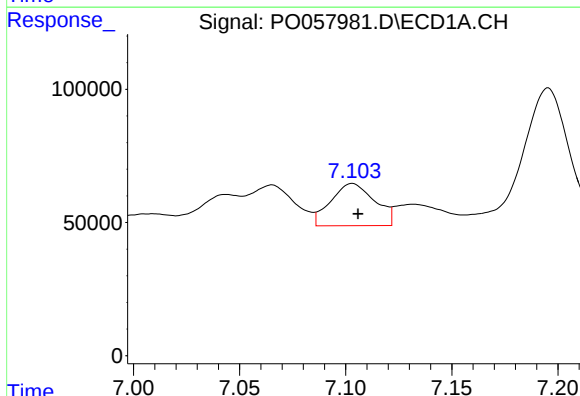
R.T.: 6.836 min
Delta R.T.: 0.013 min
Response: 146846
Conc: 44.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



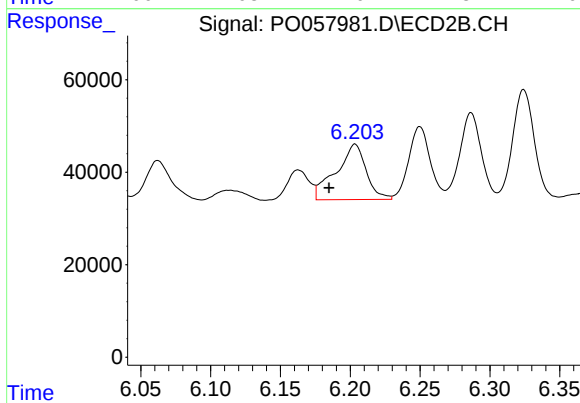
#28 AR-1254-3

R.T.: 5.936 min
Delta R.T.: -0.022 min
Response: 217953
Conc: 72.38 ng/ml



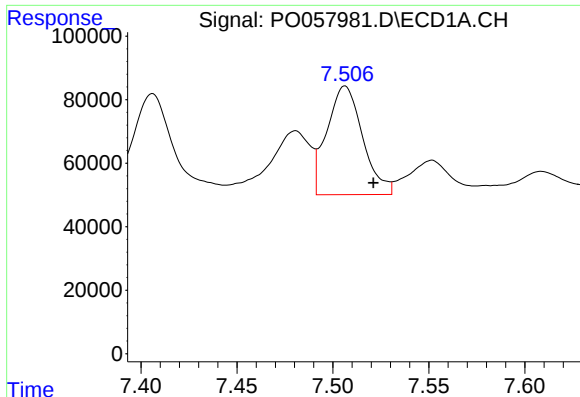
#29 AR-1254-4

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 228291
Conc: 84.12 ng/ml



#29 AR-1254-4

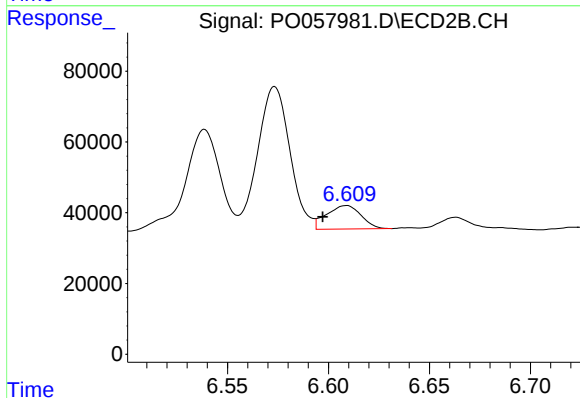
R.T.: 6.203 min
Delta R.T.: 0.019 min
Response: 179989
Conc: 99.99 ng/ml



#30 AR-1254-5

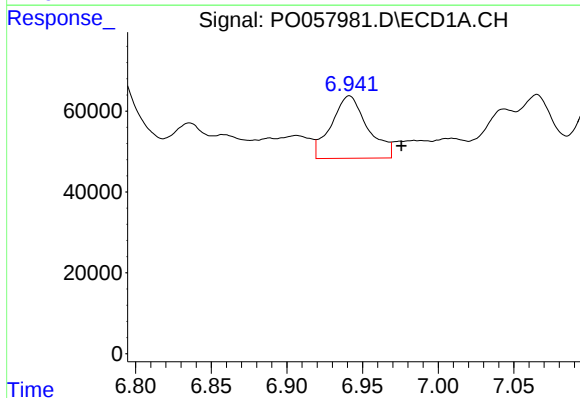
R.T.: 7.506 min
Delta R.T.: -0.015 min
Response: 444486
Conc: 158.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



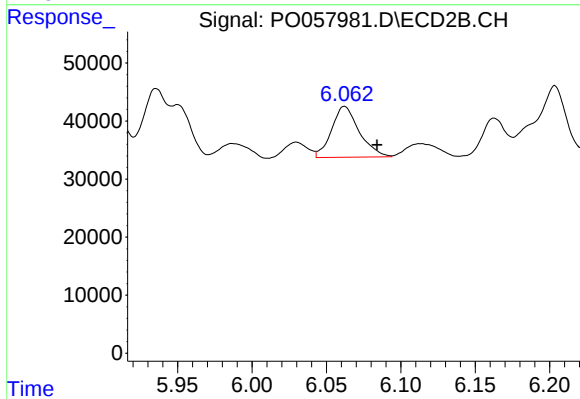
#30 AR-1254-5

R.T.: 6.609 min
Delta R.T.: 0.012 min
Response: 79204
Conc: 29.24 ng/ml



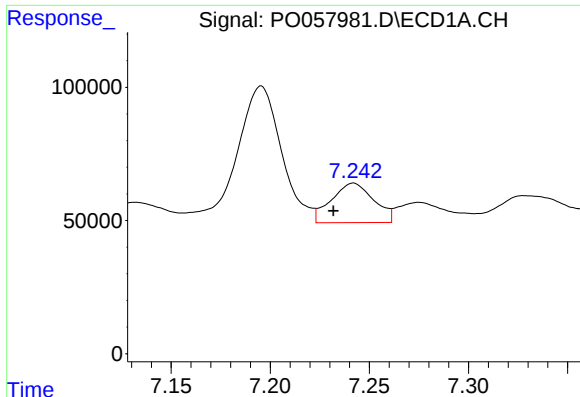
#31 AR-1260-1

R.T.: 6.941 min
Delta R.T.: -0.034 min
Response: 259508
Conc: 93.64 ng/ml



#31 AR-1260-1

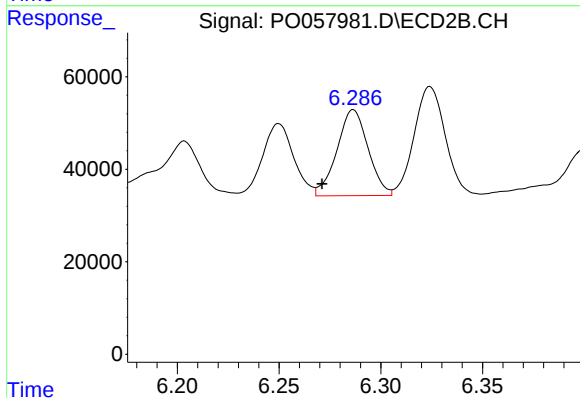
R.T.: 6.062 min
Delta R.T.: -0.022 min
Response: 113669
Conc: 53.11 ng/ml



#32 AR-1260-2

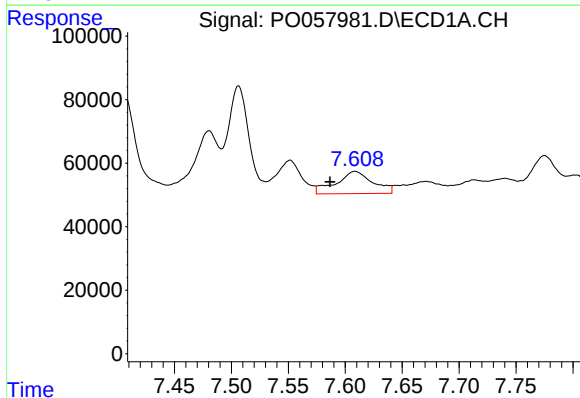
R.T.: 7.242 min
Delta R.T.: 0.010 min
Response: 220360
Conc: 59.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



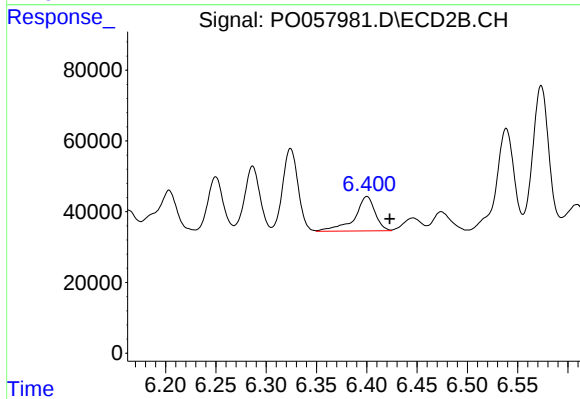
#32 AR-1260-2

R.T.: 6.287 min
Delta R.T.: 0.015 min
Response: 198263
Conc: 72.26 ng/ml



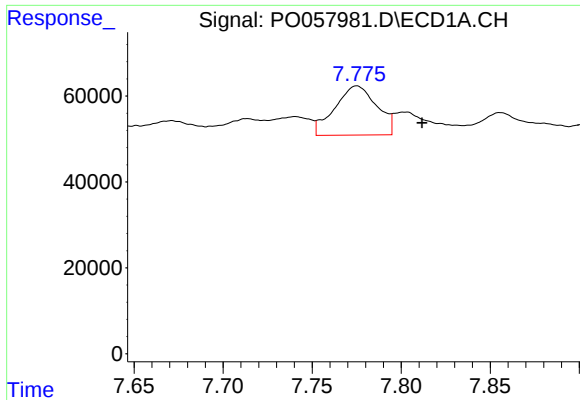
#33 AR-1260-3

R.T.: 7.609 min
Delta R.T.: 0.022 min
Response: 157516
Conc: 51.85 ng/ml



#33 AR-1260-3

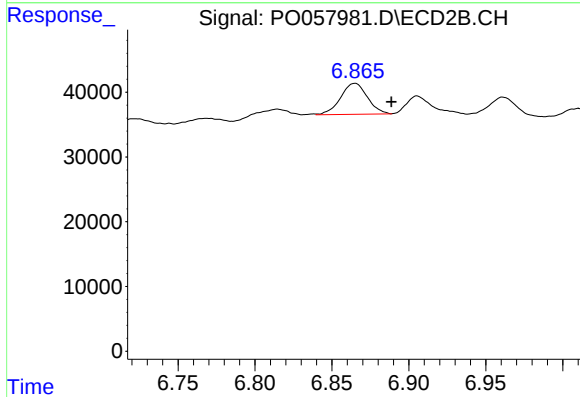
R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 138738
Conc: 56.82 ng/ml



#34 AR-1260-4

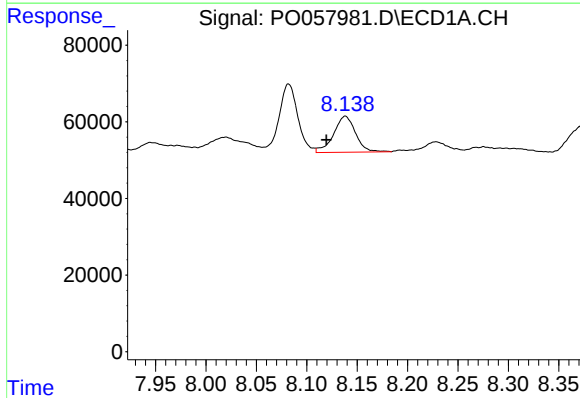
R.T.: 7.775 min
Delta R.T.: -0.037 min
Response: 188023
Conc: 62.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



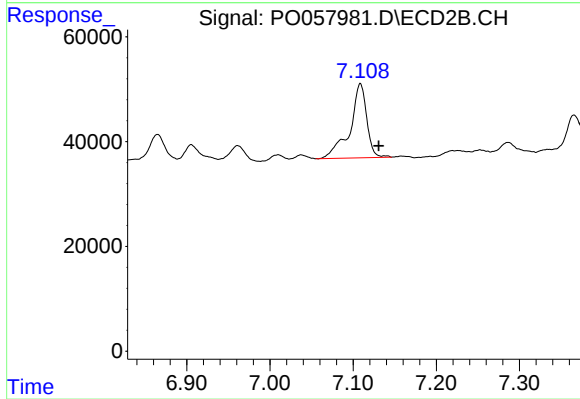
#34 AR-1260-4

R.T.: 6.865 min
Delta R.T.: -0.024 min
Response: 57635
Conc: 27.68 ng/ml



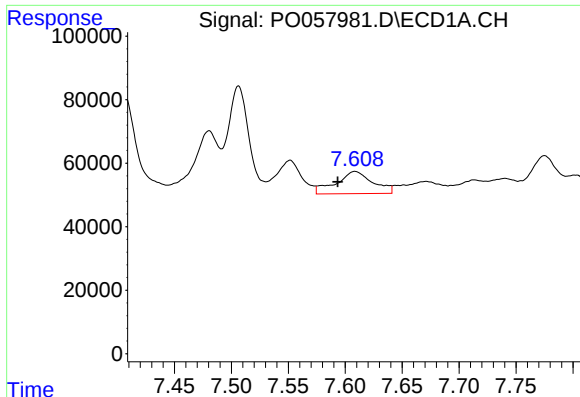
#35 AR-1260-5

R.T.: 8.138 min
Delta R.T.: 0.019 min
Response: 142753
Conc: 22.83 ng/ml



#35 AR-1260-5

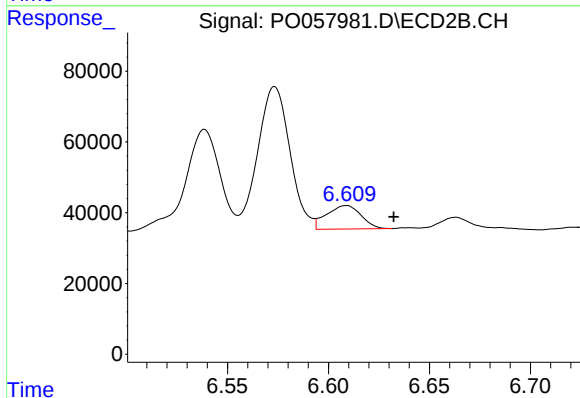
R.T.: 7.109 min
Delta R.T.: -0.022 min
Response: 198353
Conc: 39.11 ng/ml



#36 AR-1262-1

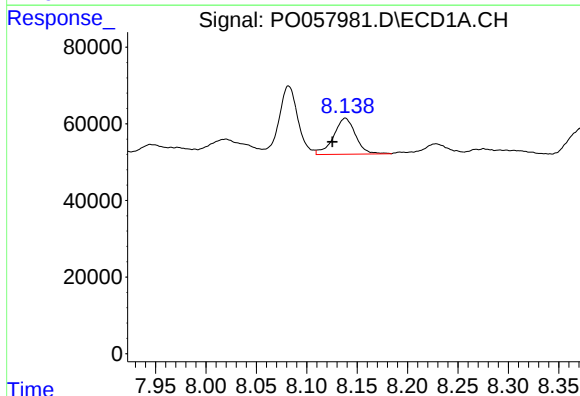
R.T.: 7.609 min
Delta R.T.: 0.015 min
Response: 157516
Conc: 34.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



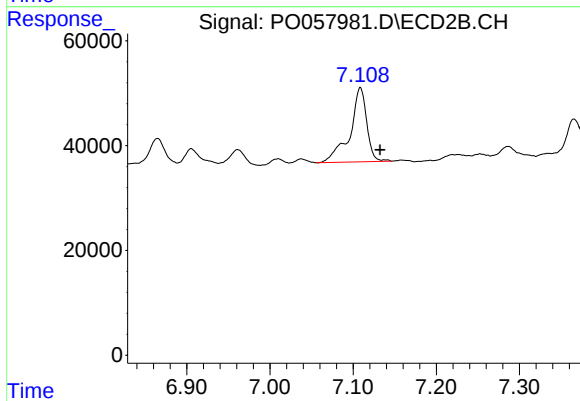
#36 AR-1262-1

R.T.: 6.609 min
Delta R.T.: -0.024 min
Response: 79204
Conc: 21.16 ng/ml



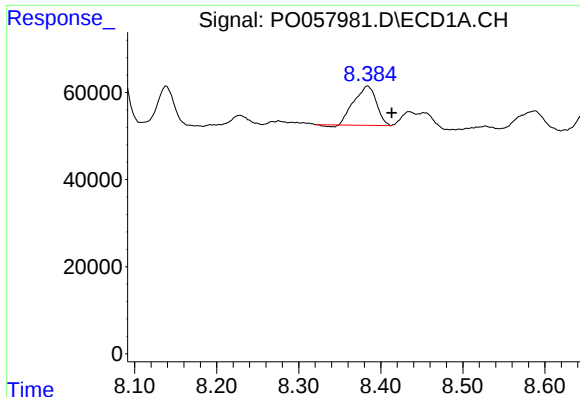
#37 AR-1262-2

R.T.: 8.138 min
Delta R.T.: 0.013 min
Response: 142753
Conc: 19.92 ng/ml



#37 AR-1262-2

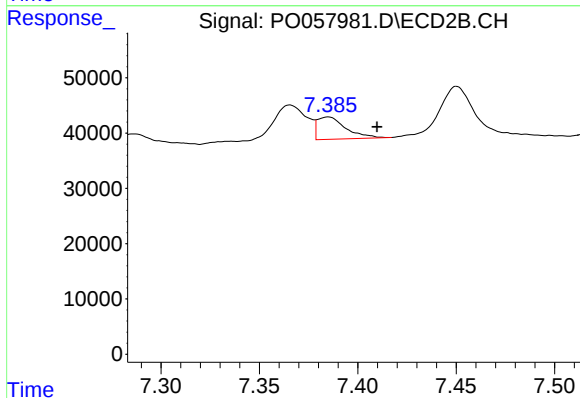
R.T.: 7.109 min
Delta R.T.: -0.023 min
Response: 198353
Conc: 33.38 ng/ml



#38 AR-1262-3

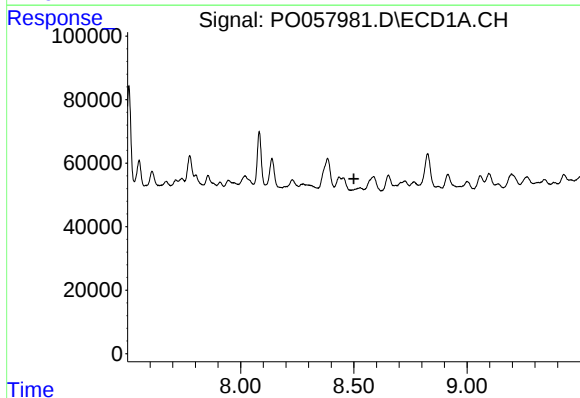
R.T.: 8.384 min
Delta R.T.: -0.029 min
Response: 169948
Conc: 34.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



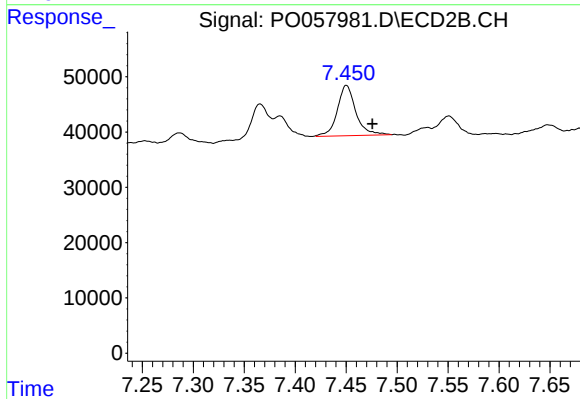
#38 AR-1262-3

R.T.: 7.385 min
Delta R.T.: -0.025 min
Response: 40721
Conc: 15.92 ng/ml



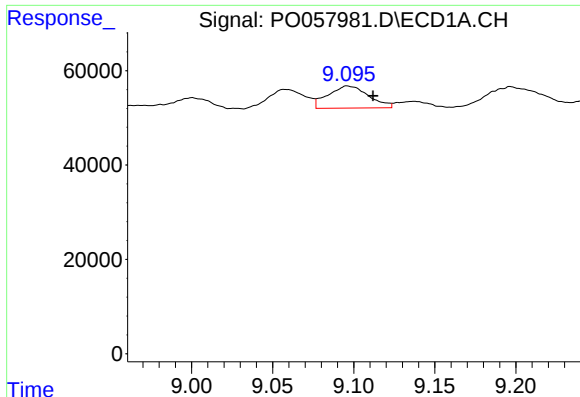
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.500 min
Response: 0
Conc: N.D.



#39 AR-1262-4

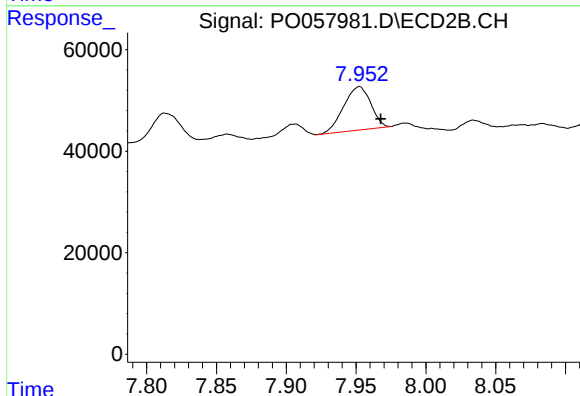
R.T.: 7.450 min
Delta R.T.: -0.025 min
Response: 115191
Conc: 26.14 ng/ml



#40 AR-1262-5

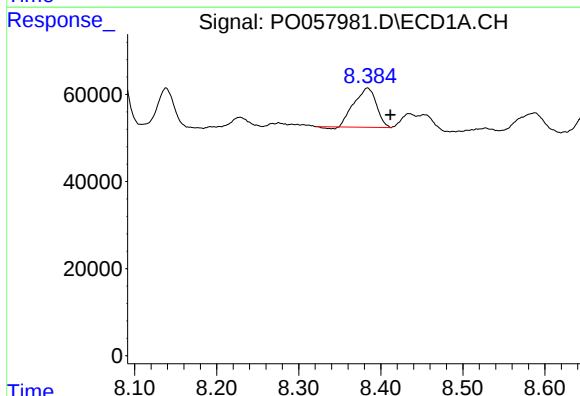
R.T.: 9.096 min
Delta R.T.: -0.016 min
Response: 81190
Conc: 32.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



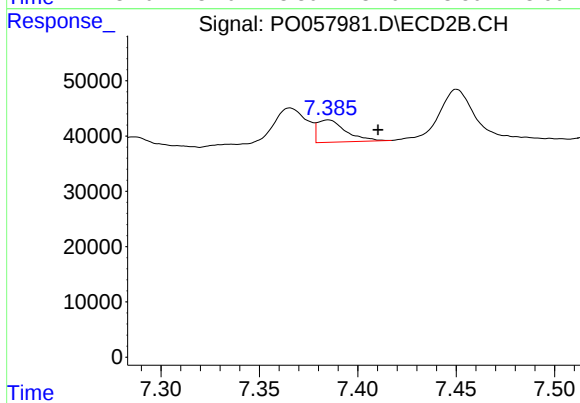
#40 AR-1262-5

R.T.: 7.952 min
Delta R.T.: -0.015 min
Response: 115445
Conc: 63.21 ng/ml



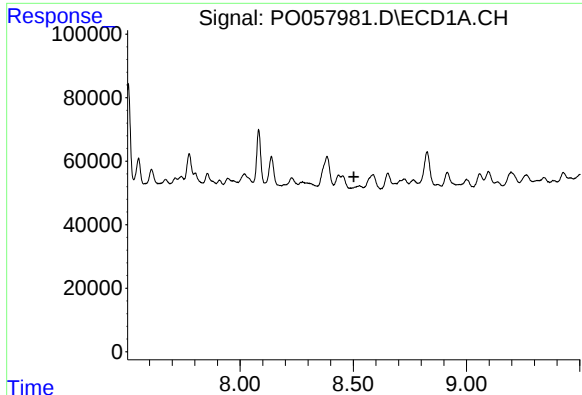
#41 AR-1268-1

R.T.: 8.384 min
Delta R.T.: -0.028 min
Response: 169948
Conc: 20.16 ng/ml



#41 AR-1268-1

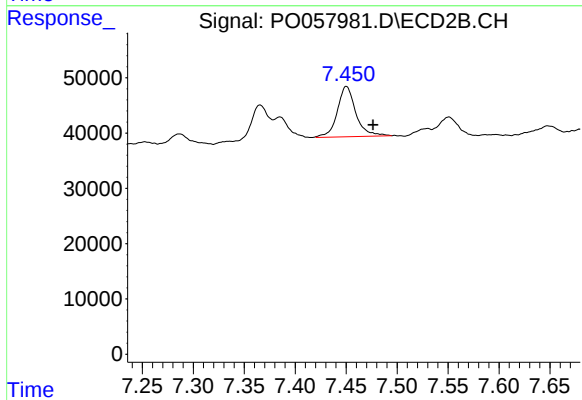
R.T.: 7.385 min
Delta R.T.: -0.025 min
Response: 40721
Conc: 5.95 ng/ml



#42 AR-1268-2

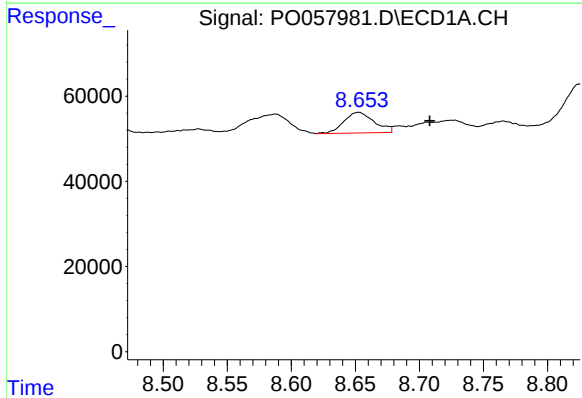
R.T.: 0.000 min
Exp R.T.: 8.502 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



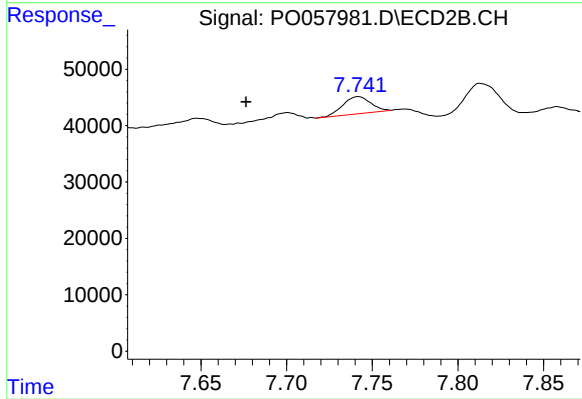
#42 AR-1268-2

R.T.: 7.450 min
Delta R.T.: -0.026 min
Response: 115191
Conc: 18.15 ng/ml



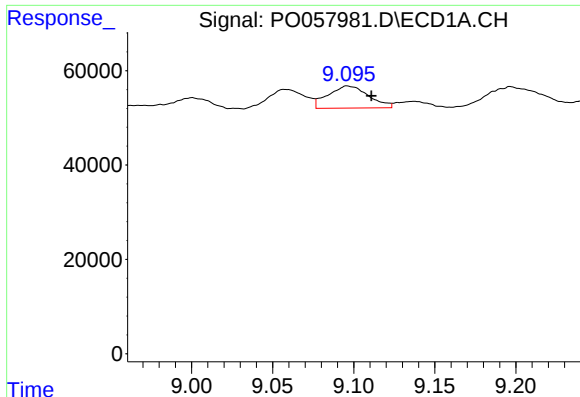
#43 AR-1268-3

R.T.: 8.652 min
Delta R.T.: -0.056 min
Response: 79563
Conc: 11.80 ng/ml



#43 AR-1268-3

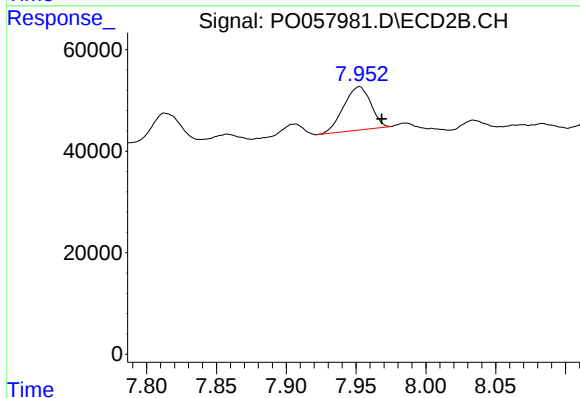
R.T.: 7.742 min
Delta R.T.: 0.065 min
Response: 34186
Conc: 6.39 ng/ml



#44 AR-1268-4

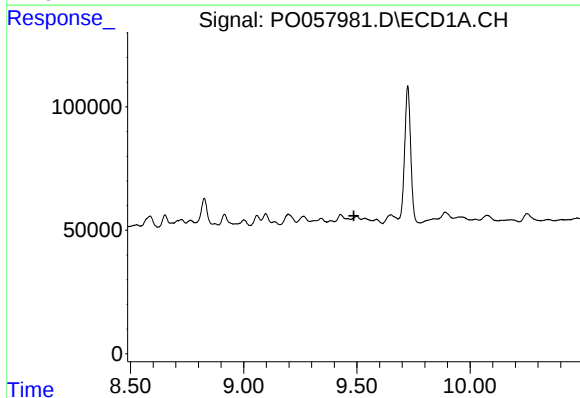
R.T.: 9.096 min
Delta R.T.: -0.015 min
Response: 81190
Conc: 31.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-01-006-A



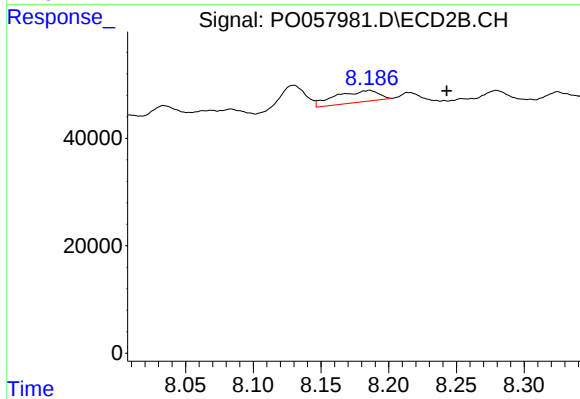
#44 AR-1268-4

R.T.: 7.952 min
Delta R.T.: -0.016 min
Response: 115445
Conc: 57.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.487 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.186 min
Delta R.T.: -0.057 min
Response: 47783
Conc: 3.11 ng/ml