

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
 Data File : PO082526.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2021 7:26
 Operator : AJ\MA
 Sample : M4454-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:38:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 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...	4.966	3.963	185213	77128	2.116	2.492
2)	SA Decachlor...	11.070	9.278	195281	91705	3.092	3.185
Target Compounds							
3)	L1 AR-1016-1	6.286	5.213	107990	140538	37.230	104.751 #
4)	L1 AR-1016-2	6.323	5.270f	21766	322525	5.274	175.153 #
5)	L1 AR-1016-3	0.000	5.412f	0	20213	N.D.	20.276 #
6)	L1 AR-1016-4	6.513	5.514f	431868	26205	209.213	32.126 #
7)	L1 AR-1016-5	6.818	5.701f	353405	29148	173.305	28.593 #
8)	L2 AR-1221-1	5.198f	0.000	51703	0	54.825	N.D. #
9)	L2 AR-1221-2	5.330	0.000	57084	0	88.068	N.D. #
10)	L2 AR-1221-3	5.419	4.407	19266	14903	9.339	16.106 #
11)	L3 AR-1232-1	5.419	4.407	19266	14903	11.122	18.879 #
12)	L3 AR-1232-2	6.020	5.270f	26866	322525	30.382	429.671 #
13)	L3 AR-1232-3	6.323	5.412f	21766	20213	13.783	50.973 #
14)	L3 AR-1232-4	6.513	5.540	431868	45469	562.379	131.664 #
15)	L3 AR-1232-5	0.000	5.701f	0	29148	N.D.	77.748 #
16)	L4 AR-1242-1	6.286	5.213	107990	140538	51.955	144.010 #
17)	L4 AR-1242-2	6.323	5.270f	21766	322525	7.462	239.594 #
18)	L4 AR-1242-3	0.000	5.412f	0	20213	N.D.	27.730 #
19)	L4 AR-1242-4	6.513	5.540	431868	45469	288.965	63.689 #
20)	L4 AR-1242-5	7.274f	6.088	192389	60560	128.605	65.599 #
21)	L5 AR-1248-1	6.286	5.213	107990	140538	70.755	190.567 #
22)	L5 AR-1248-2	0.000	5.514f	0	26205	N.D.	25.734 #
23)	L5 AR-1248-3	6.818	5.540	353405	45469	145.653	43.696 #
24)	L5 AR-1248-4	7.232	5.701	156012	29148	60.740	23.778 #
25)	L5 AR-1248-5	7.274	6.143	192389	116115	76.276	93.969
26)	L6 AR-1254-1	7.210	6.088	207676	60560	76.227	31.179 #
27)	L6 AR-1254-2	7.459	0.000	245472	0	58.929	N.D. #
28)	L6 AR-1254-3	7.814f	6.697f	47545	22770	11.117	8.857
29)	L6 AR-1254-4	8.146	6.922	11736	26695	3.827	14.686 #
30)	L6 AR-1254-5	8.577	0.000	50811	0	15.800	N.D. #
31)	L7 AR-1260-1	8.026f	6.838f	59006	40471	18.582	22.310
32)	L7 AR-1260-2	8.256f	0.000	77524	0	20.624	N.D. #
33)	L7 AR-1260-3	8.636	0.000	69409	0	24.508	N.D. #
34)	L7 AR-1260-4	8.896f	7.677f	159127	41988	47.737	25.174 #
35)	L7 AR-1260-5	9.193	0.000	25048	0	3.992	N.D. #
36)	L8 AR-1262-1	8.636	0.000	69409	0	18.706	N.D. #
37)	L8 AR-1262-2	9.193	0.000	25048	0	3.922	N.D. #
38)	L8 AR-1262-3	9.537	8.183	779108	68635	271.695	42.089 #
41)	L9 AR-1268-1	9.537	8.183	779108	68635	95.443	13.123 #
43)	L9 AR-1268-3	0.000	8.438f	0	19153	N.D.	4.928 #
45)	L9 AR-1268-5	10.744	9.024	101134	33124	4.571	3.029 #

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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

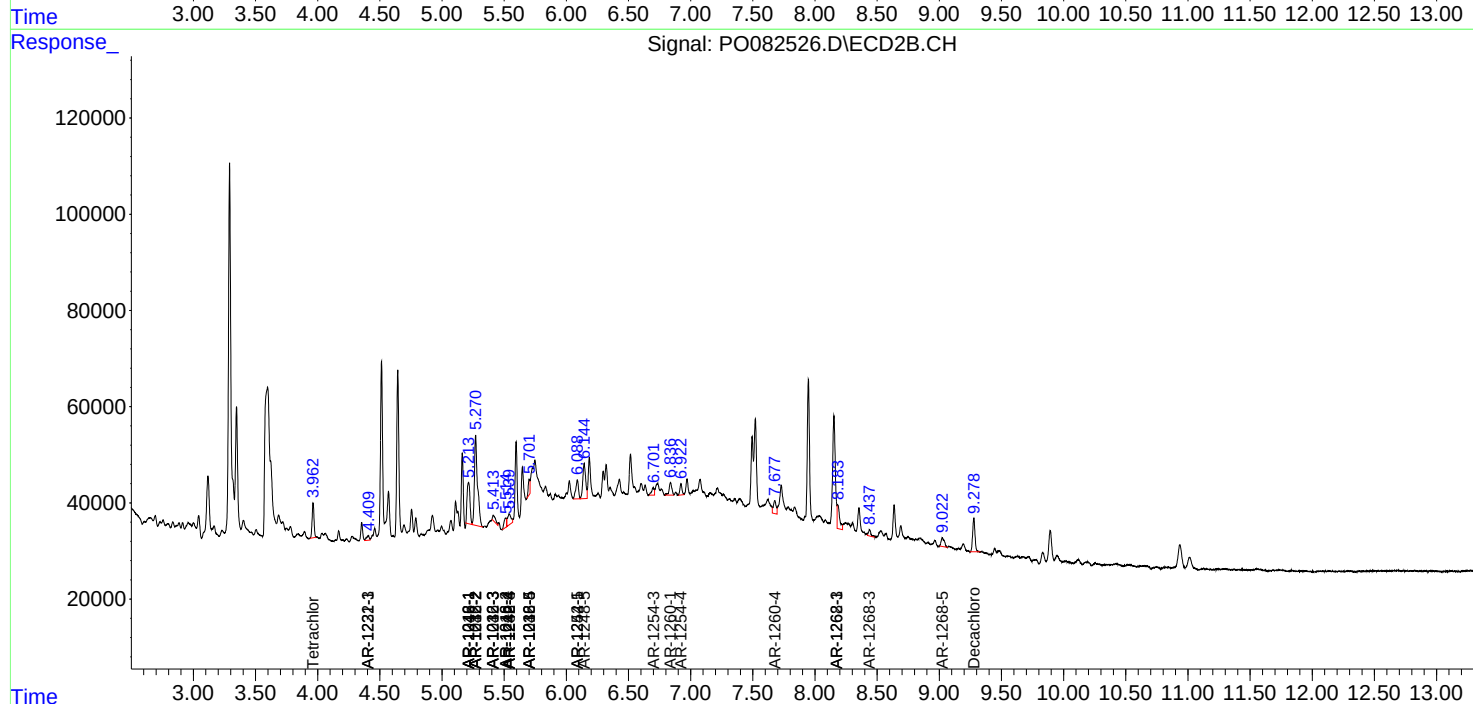
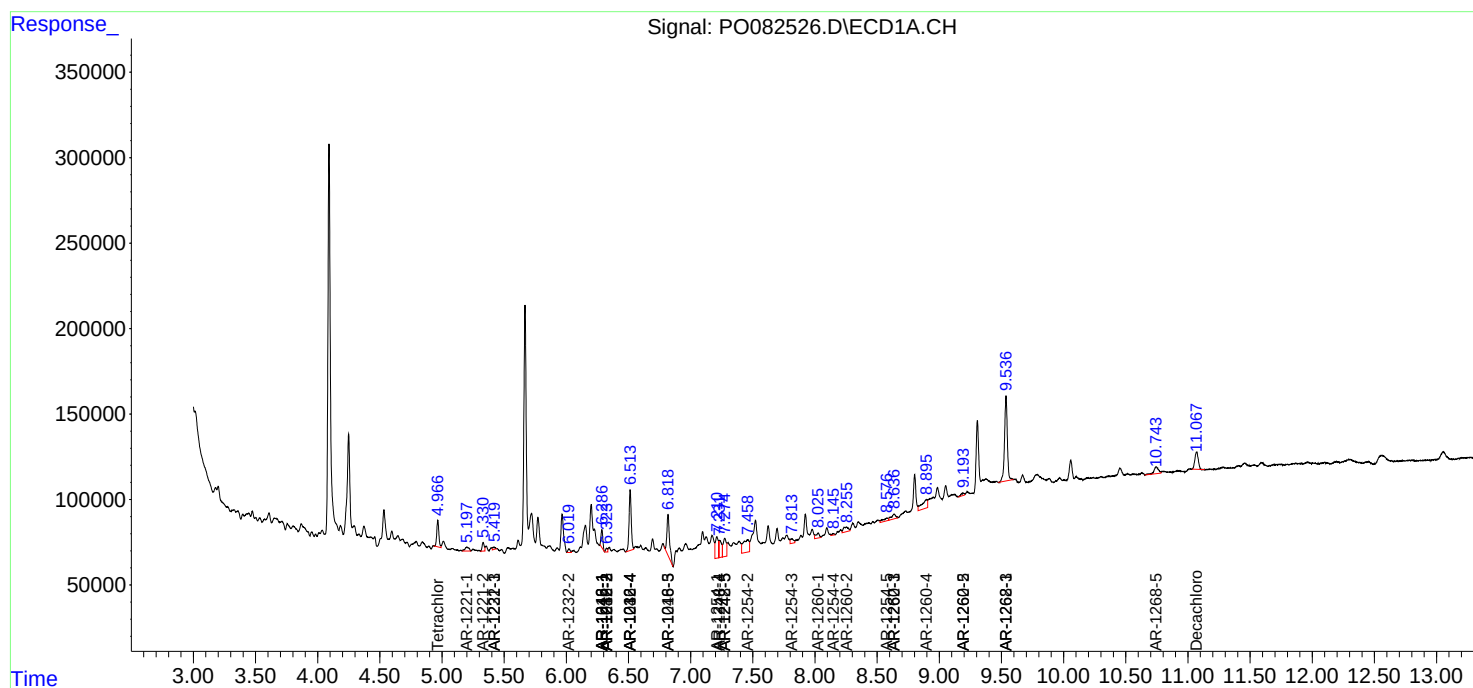
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

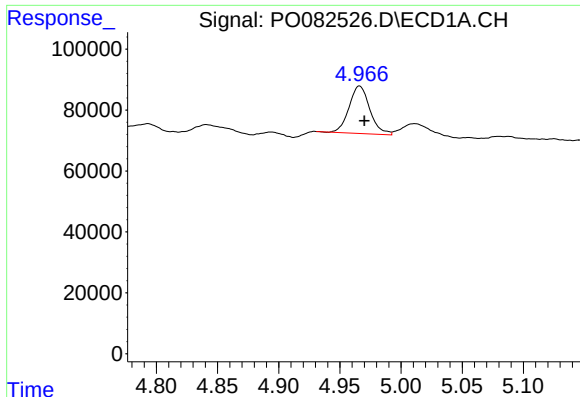
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
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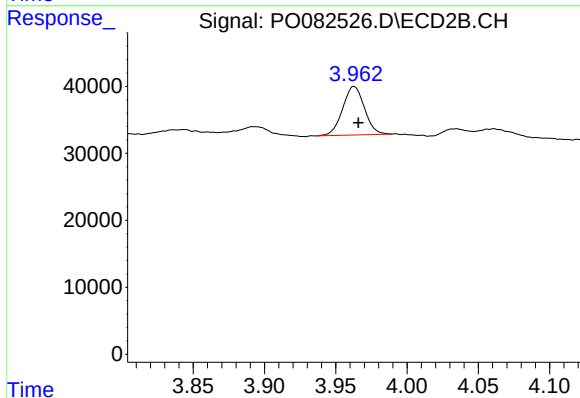




#1 Tetrachloro-m-xylene

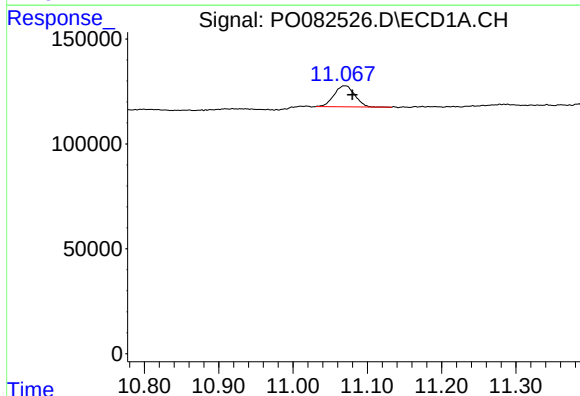
R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 185213
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



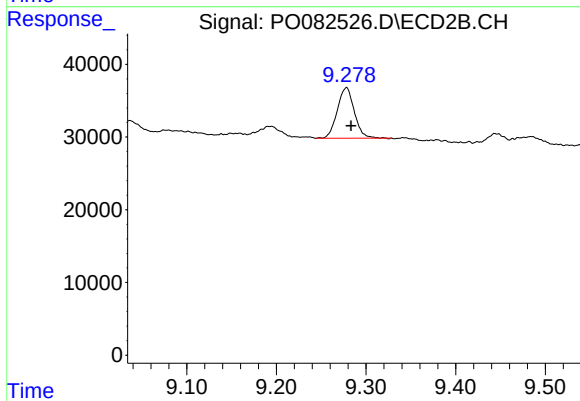
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 77128
Conc: 2.49 ng/ml



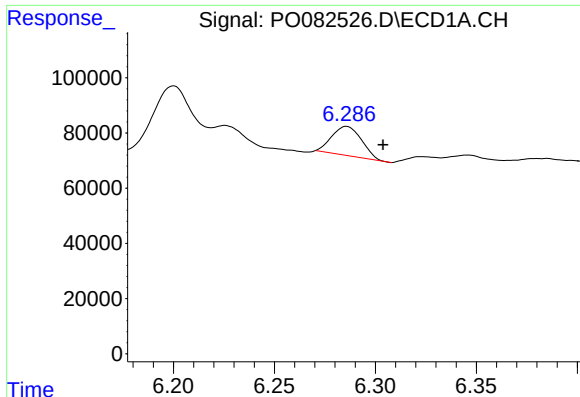
#2 Decachlorobiphenyl

R.T.: 11.070 min
Delta R.T.: -0.010 min
Response: 195281
Conc: 3.09 ng/ml



#2 Decachlorobiphenyl

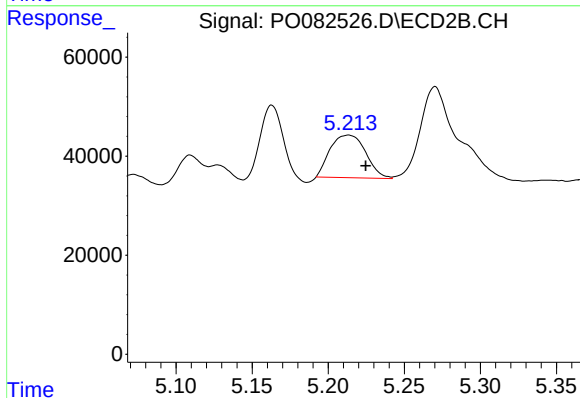
R.T.: 9.278 min
Delta R.T.: -0.005 min
Response: 91705
Conc: 3.19 ng/ml



#3 AR-1016-1

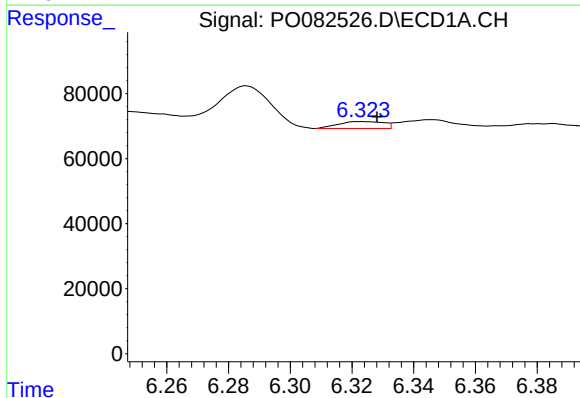
R.T.: 6.286 min
Delta R.T.: -0.018 min
Response: 107990
Conc: 37.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



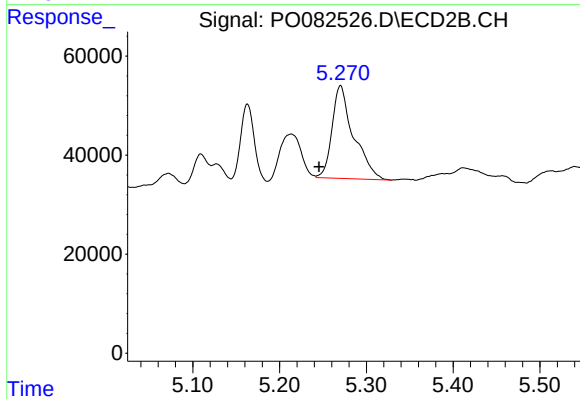
#3 AR-1016-1

R.T.: 5.213 min
Delta R.T.: -0.011 min
Response: 140538
Conc: 104.75 ng/ml



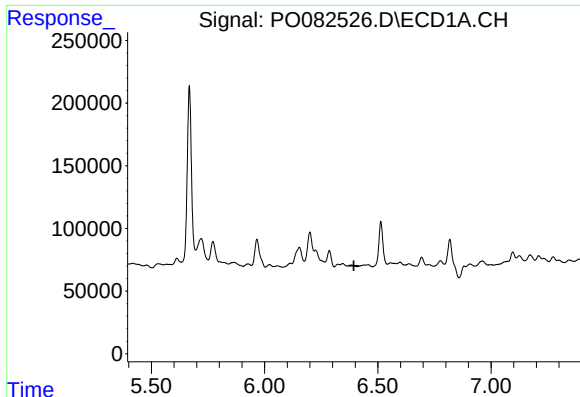
#4 AR-1016-2

R.T.: 6.323 min
Delta R.T.: -0.005 min
Response: 21766
Conc: 5.27 ng/ml



#4 AR-1016-2

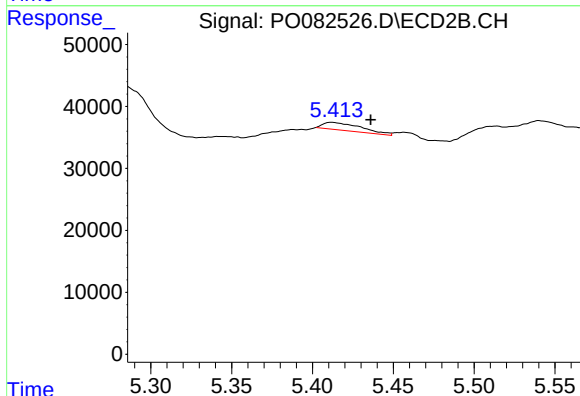
R.T.: 5.270 min
Delta R.T.: 0.025 min
Response: 322525
Conc: 175.15 ng/ml



#5 AR-1016-3

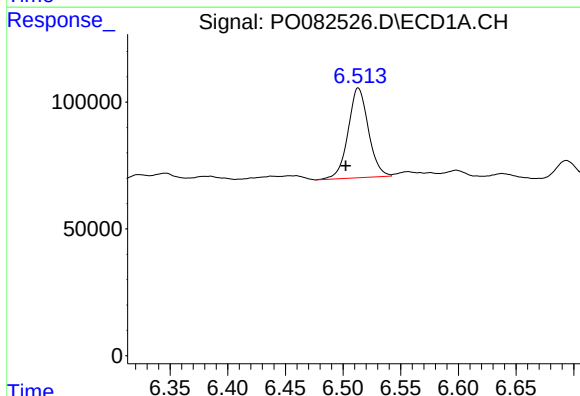
R.T.: 0.000 min
Exp R.T.: 6.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



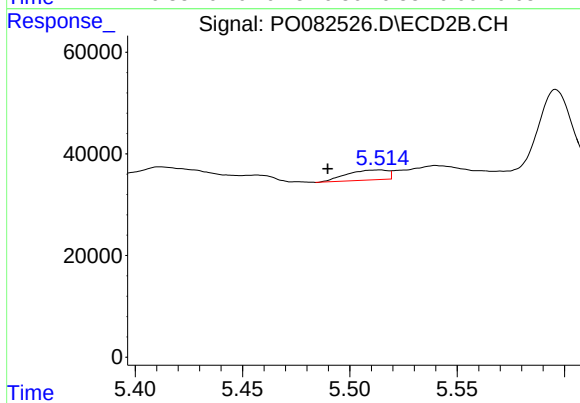
#5 AR-1016-3

R.T.: 5.412 min
Delta R.T.: -0.024 min
Response: 20213
Conc: 20.28 ng/ml



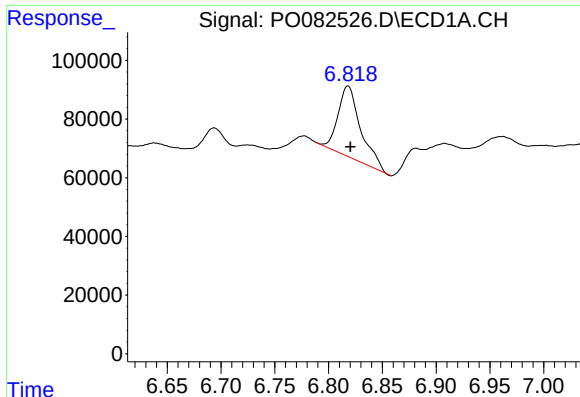
#6 AR-1016-4

R.T.: 6.513 min
Delta R.T.: 0.011 min
Response: 431868
Conc: 209.21 ng/ml



#6 AR-1016-4

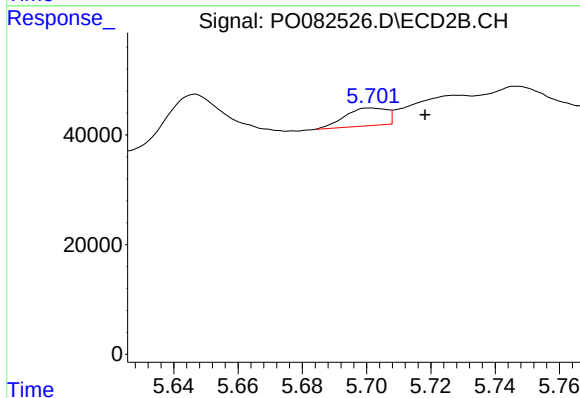
R.T.: 5.514 min
Delta R.T.: 0.024 min
Response: 26205
Conc: 32.13 ng/ml



#7 AR-1016-5

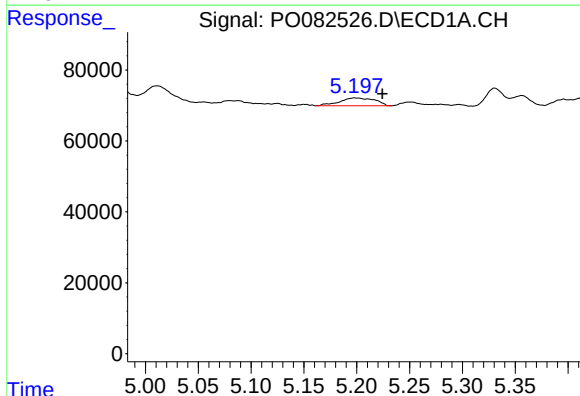
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 353405
Conc: 173.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



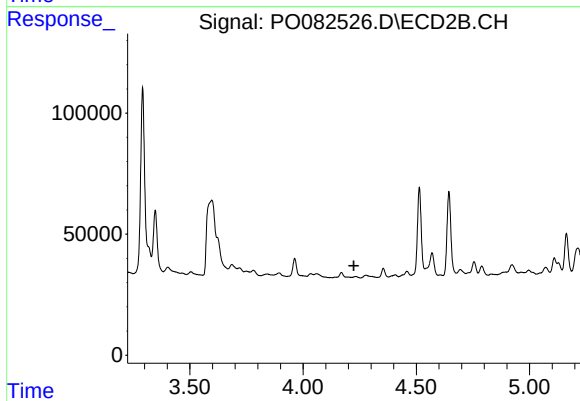
#7 AR-1016-5

R.T.: 5.701 min
Delta R.T.: -0.017 min
Response: 29148
Conc: 28.59 ng/ml



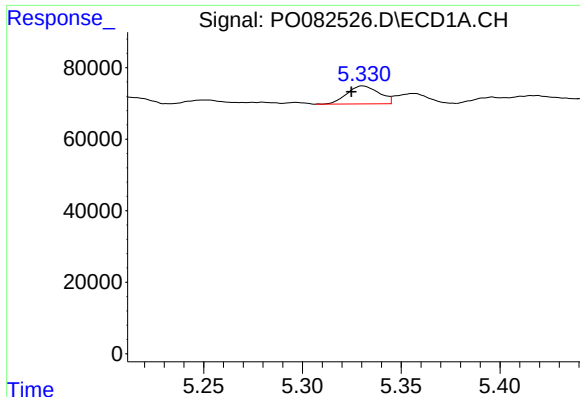
#8 AR-1221-1

R.T.: 5.198 min
Delta R.T.: -0.026 min
Response: 51703
Conc: 54.83 ng/ml



#8 AR-1221-1

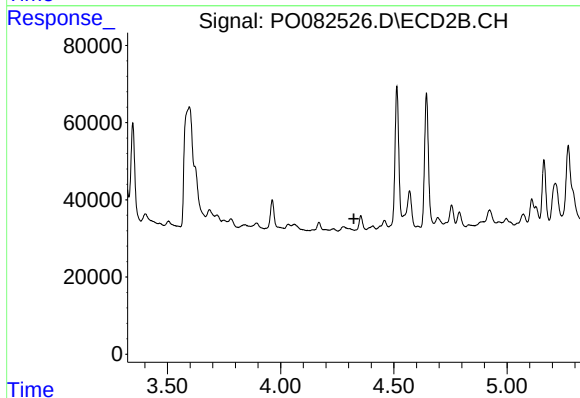
R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



#9 AR-1221-2

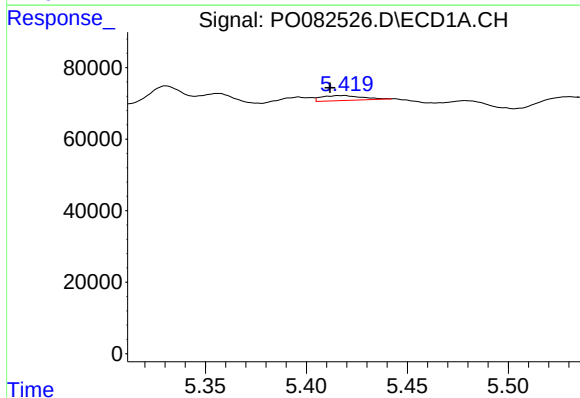
R.T.: 5.330 min
Delta R.T.: 0.006 min
Response: 57084
Conc: 88.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



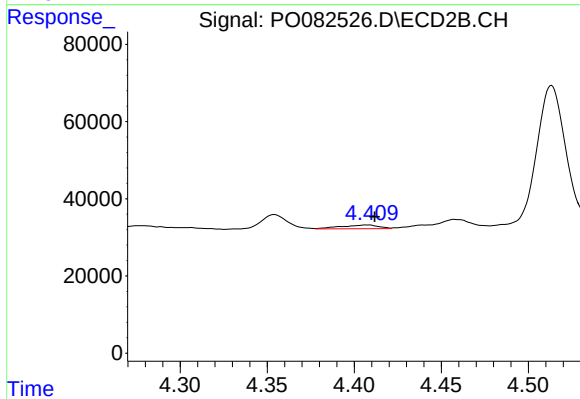
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.323 min
Response: 0
Conc: N.D.



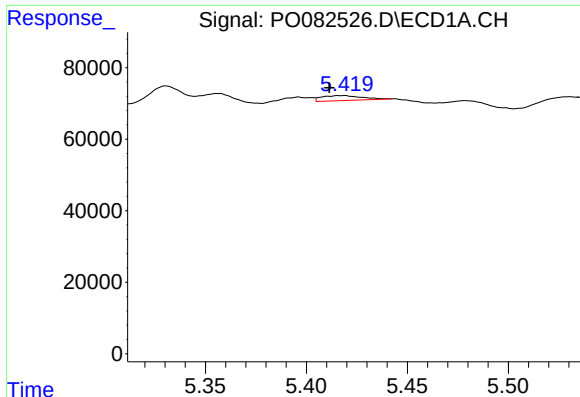
#10 AR-1221-3

R.T.: 5.419 min
Delta R.T.: 0.007 min
Response: 19266
Conc: 9.34 ng/ml



#10 AR-1221-3

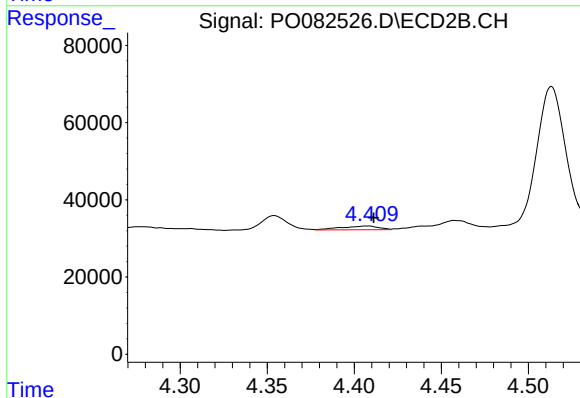
R.T.: 4.407 min
Delta R.T.: -0.005 min
Response: 14903
Conc: 16.11 ng/ml



#11 AR-1232-1

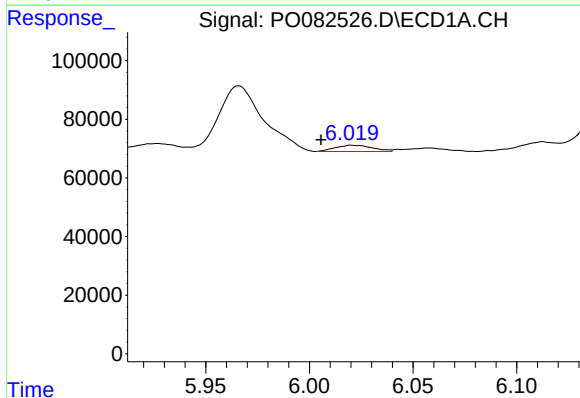
R.T.: 5.419 min
Delta R.T.: 0.008 min
Response: 19266
Conc: 11.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



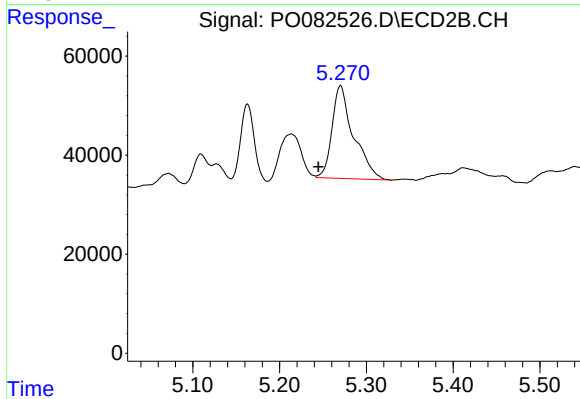
#11 AR-1232-1

R.T.: 4.407 min
Delta R.T.: -0.004 min
Response: 14903
Conc: 18.88 ng/ml



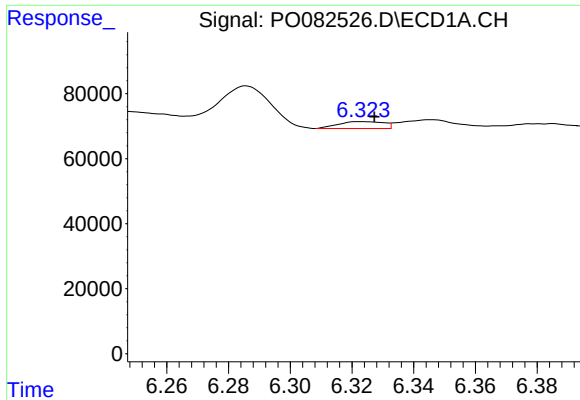
#12 AR-1232-2

R.T.: 6.020 min
Delta R.T.: 0.015 min
Response: 26866
Conc: 30.38 ng/ml



#12 AR-1232-2

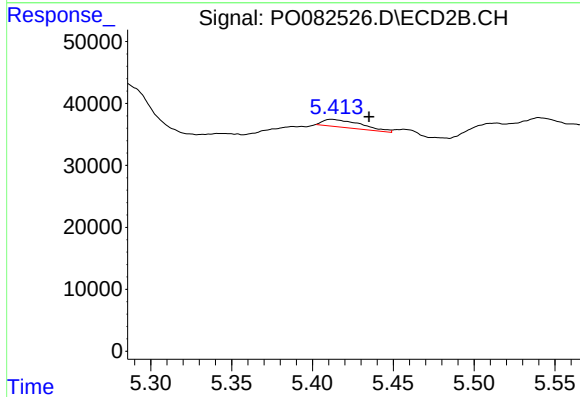
R.T.: 5.270 min
Delta R.T.: 0.026 min
Response: 322525
Conc: 429.67 ng/ml



#13 AR-1232-3

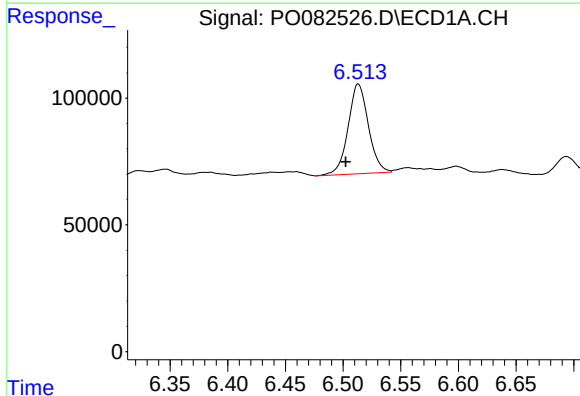
R.T.: 6.323 min
Delta R.T.: -0.004 min
Response: 21766
Conc: 13.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



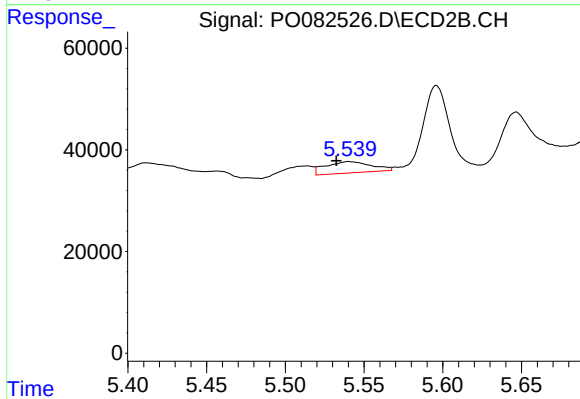
#13 AR-1232-3

R.T.: 5.412 min
Delta R.T.: -0.023 min
Response: 20213
Conc: 50.97 ng/ml



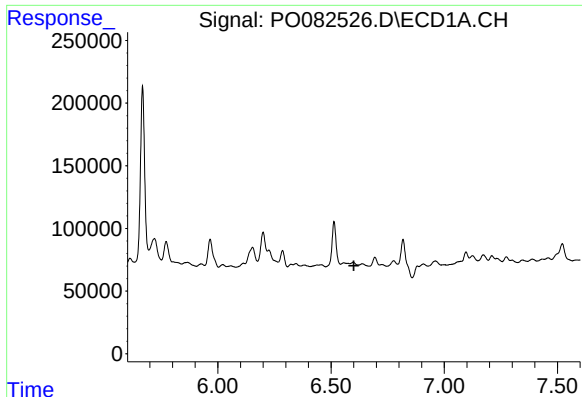
#14 AR-1232-4

R.T.: 6.513 min
Delta R.T.: 0.011 min
Response: 431868
Conc: 562.38 ng/ml



#14 AR-1232-4

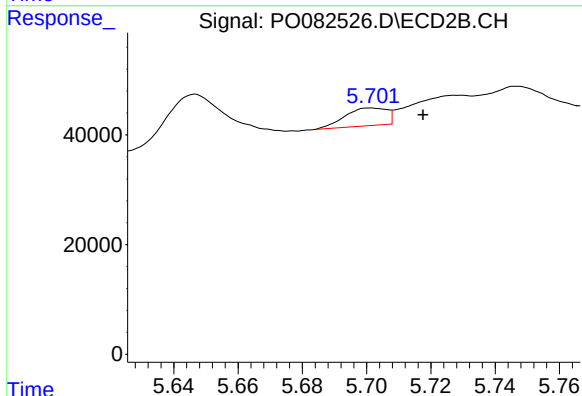
R.T.: 5.540 min
Delta R.T.: 0.008 min
Response: 45469
Conc: 131.66 ng/ml



#15 AR-1232-5

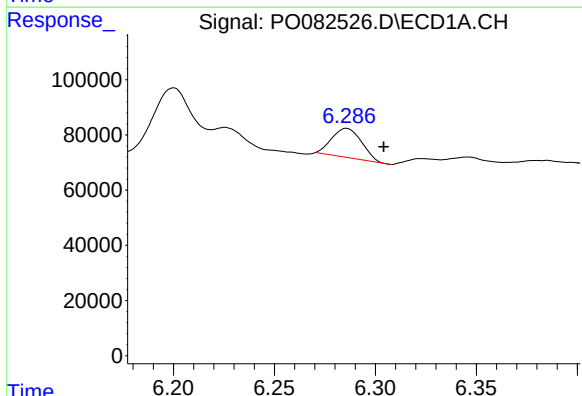
R.T.: 0.000 min
Exp R.T.: 6.601 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



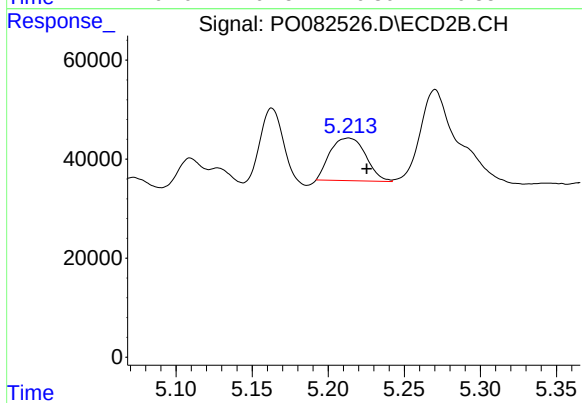
#15 AR-1232-5

R.T.: 5.701 min
Delta R.T.: -0.016 min
Response: 29148
Conc: 77.75 ng/ml



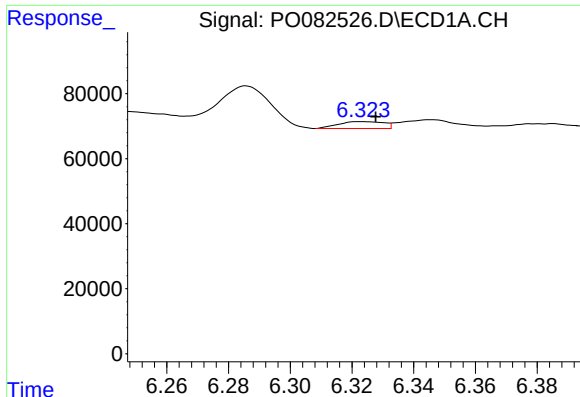
#16 AR-1242-1

R.T.: 6.286 min
Delta R.T.: -0.018 min
Response: 107990
Conc: 51.96 ng/ml



#16 AR-1242-1

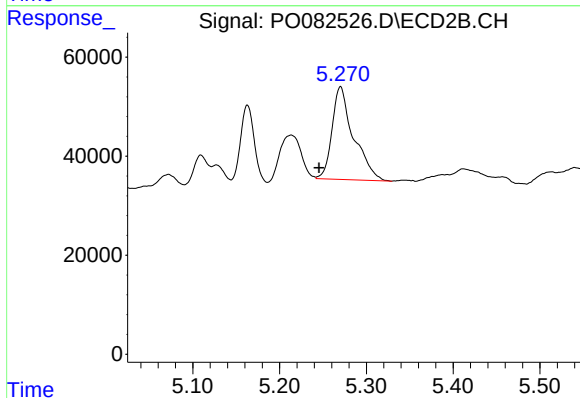
R.T.: 5.213 min
Delta R.T.: -0.012 min
Response: 140538
Conc: 144.01 ng/ml



#17 AR-1242-2

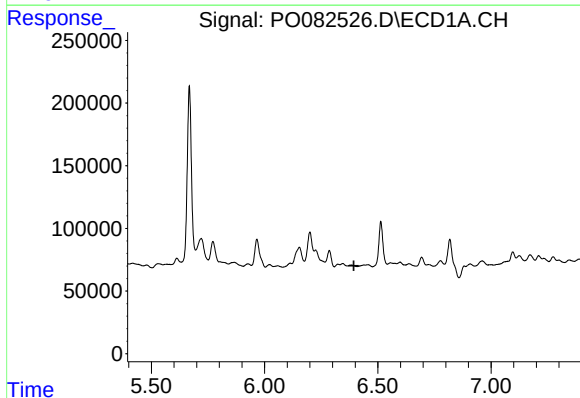
R.T.: 6.323 min
Delta R.T.: -0.005 min
Response: 21766
Conc: 7.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



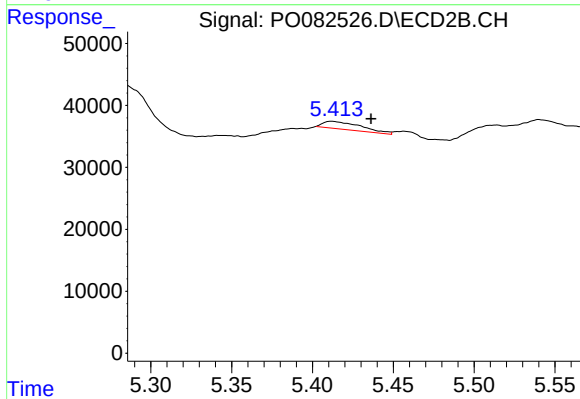
#17 AR-1242-2

R.T.: 5.270 min
Delta R.T.: 0.025 min
Response: 322525
Conc: 239.59 ng/ml



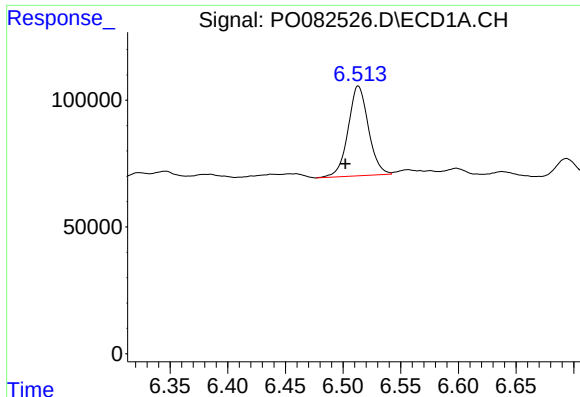
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.394 min
Response: 0
Conc: N.D.



#18 AR-1242-3

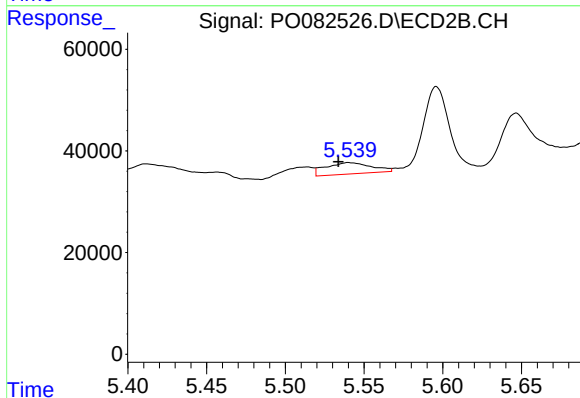
R.T.: 5.412 min
Delta R.T.: -0.024 min
Response: 20213
Conc: 27.73 ng/ml



#19 AR-1242-4

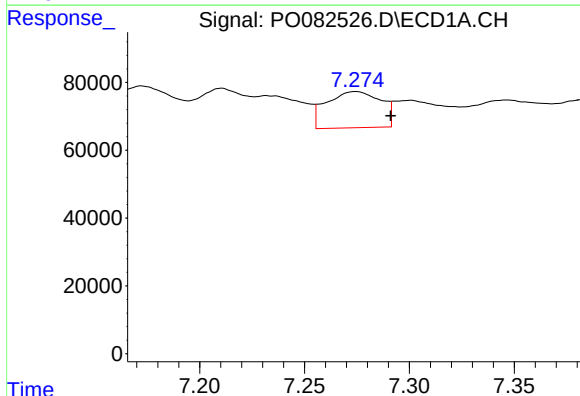
R.T.: 6.513 min
Delta R.T.: 0.011 min
Response: 431868
Conc: 288.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



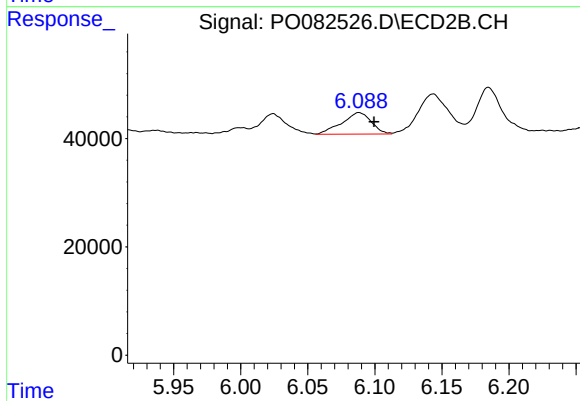
#19 AR-1242-4

R.T.: 5.540 min
Delta R.T.: 0.006 min
Response: 45469
Conc: 63.69 ng/ml



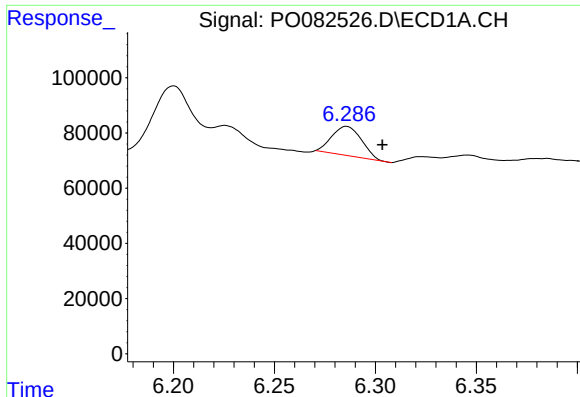
#20 AR-1242-5

R.T.: 7.274 min
Delta R.T.: -0.017 min
Response: 192389
Conc: 128.60 ng/ml



#20 AR-1242-5

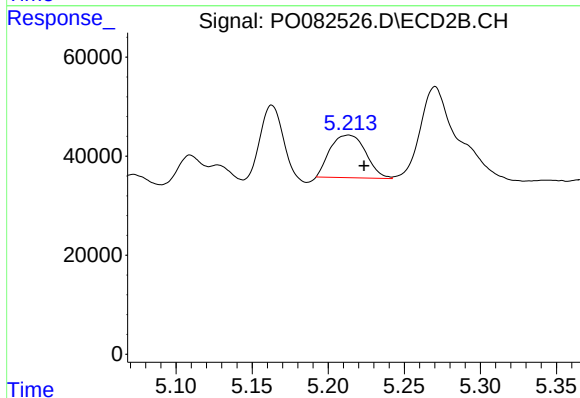
R.T.: 6.088 min
Delta R.T.: -0.011 min
Response: 60560
Conc: 65.60 ng/ml



#21 AR-1248-1

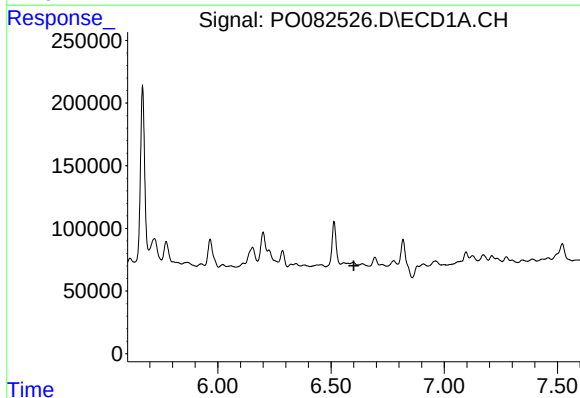
R.T.: 6.286 min
Delta R.T.: -0.018 min
Response: 107990
Conc: 70.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



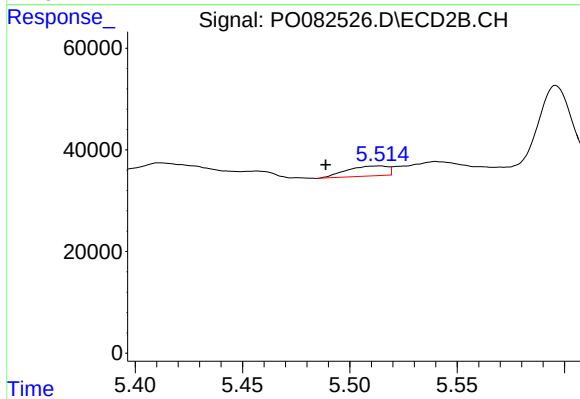
#21 AR-1248-1

R.T.: 5.213 min
Delta R.T.: -0.010 min
Response: 140538
Conc: 190.57 ng/ml



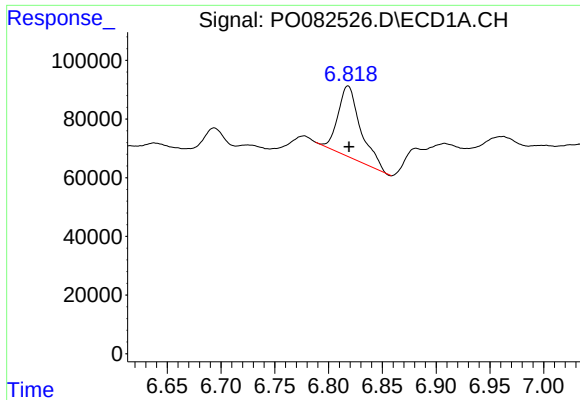
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

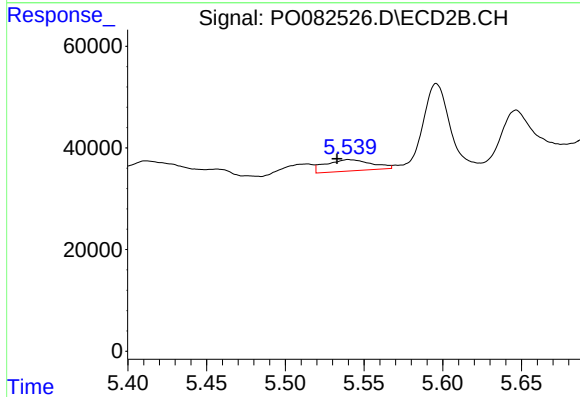
R.T.: 5.514 min
Delta R.T.: 0.025 min
Response: 26205
Conc: 25.73 ng/ml



#23 AR-1248-3

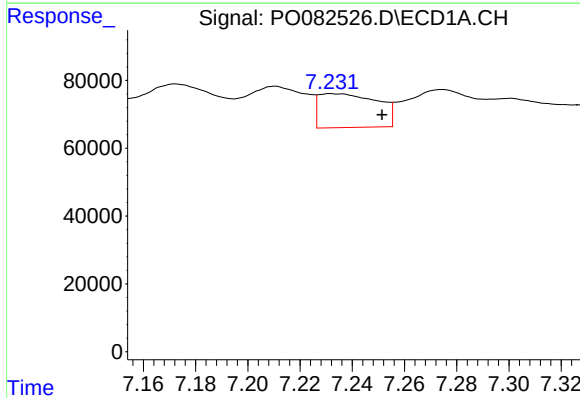
R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 353405
Conc: 145.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



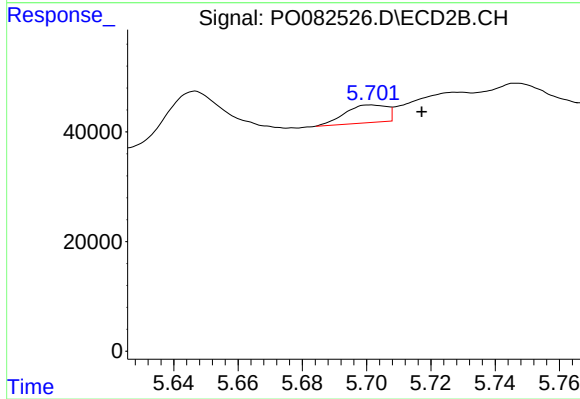
#23 AR-1248-3

R.T.: 5.540 min
Delta R.T.: 0.007 min
Response: 45469
Conc: 43.70 ng/ml



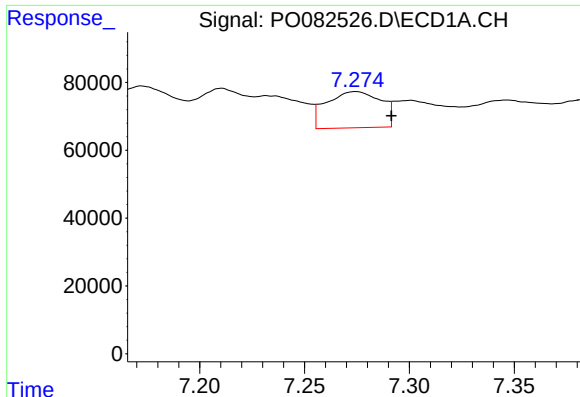
#24 AR-1248-4

R.T.: 7.232 min
Delta R.T.: -0.020 min
Response: 156012
Conc: 60.74 ng/ml



#24 AR-1248-4

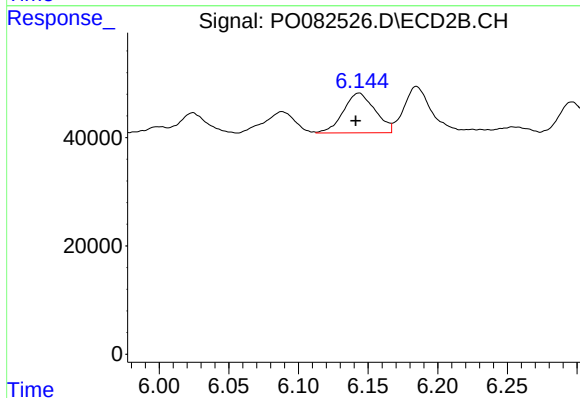
R.T.: 5.701 min
Delta R.T.: -0.016 min
Response: 29148
Conc: 23.78 ng/ml



#25 AR-1248-5

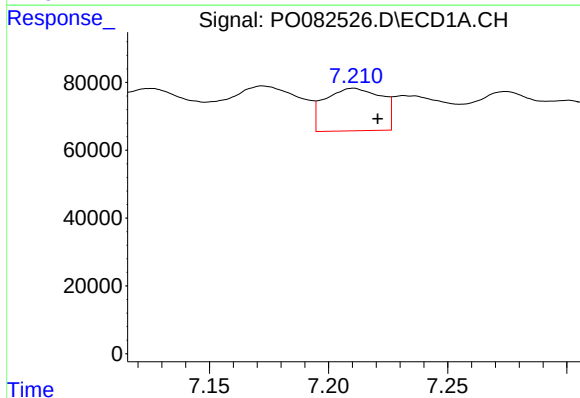
R.T.: 7.274 min
Delta R.T.: -0.017 min
Response: 192389
Conc: 76.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



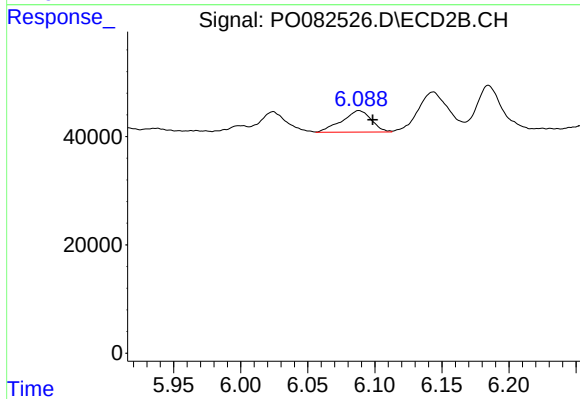
#25 AR-1248-5

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 116115
Conc: 93.97 ng/ml



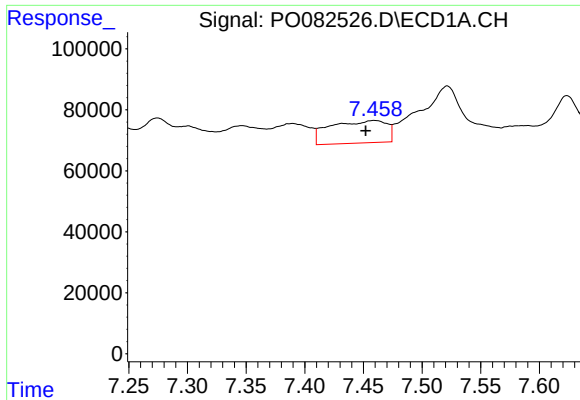
#26 AR-1254-1

R.T.: 7.210 min
Delta R.T.: -0.010 min
Response: 207676
Conc: 76.23 ng/ml



#26 AR-1254-1

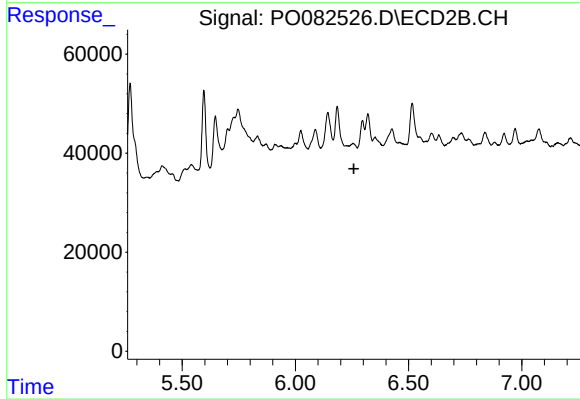
R.T.: 6.088 min
Delta R.T.: -0.010 min
Response: 60560
Conc: 31.18 ng/ml



#27 AR-1254-2

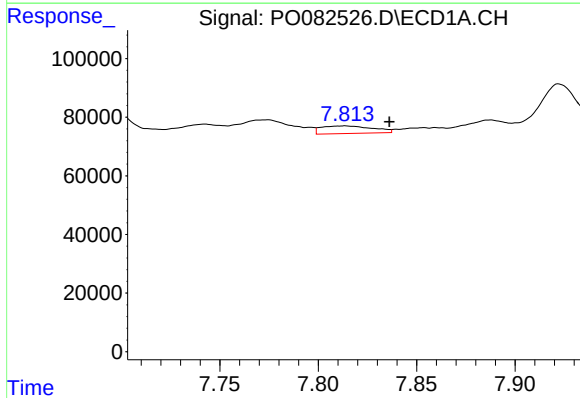
R.T.: 7.459 min
Delta R.T.: 0.007 min
Response: 245472
Conc: 58.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



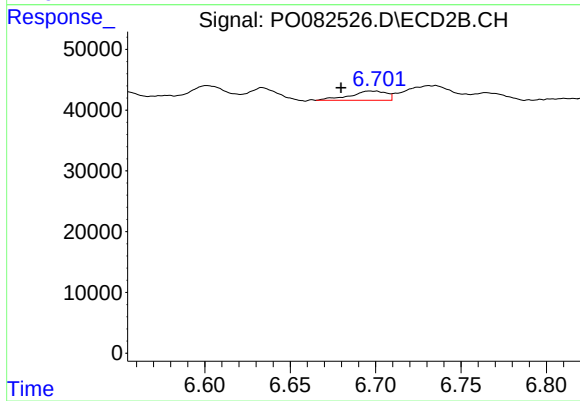
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.259 min
Response: 0
Conc: N.D.



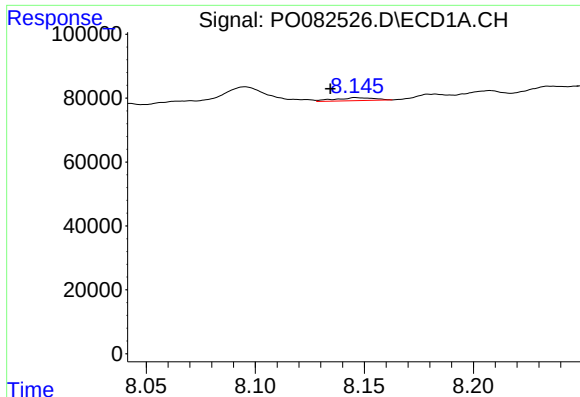
#28 AR-1254-3

R.T.: 7.814 min
Delta R.T.: -0.022 min
Response: 47545
Conc: 11.12 ng/ml



#28 AR-1254-3

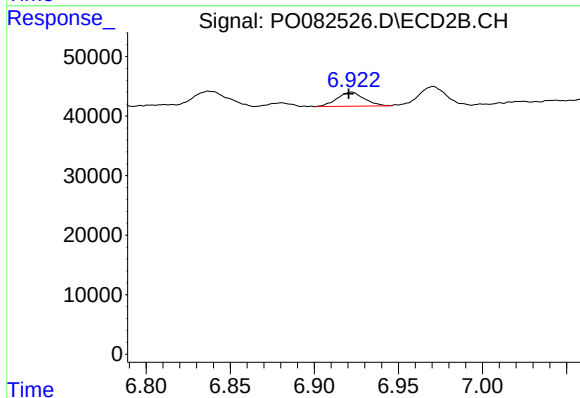
R.T.: 6.697 min
Delta R.T.: 0.017 min
Response: 22770
Conc: 8.86 ng/ml



#29 AR-1254-4

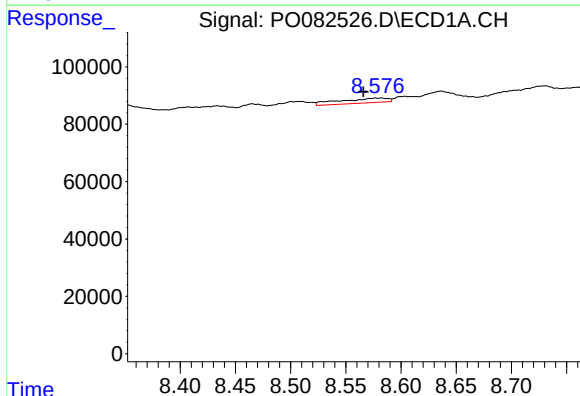
R.T.: 8.146 min
Delta R.T.: 0.012 min
Response: 11736
Conc: 3.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



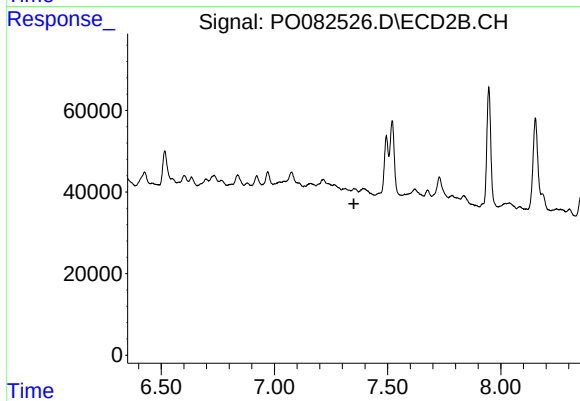
#29 AR-1254-4

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 26695
Conc: 14.69 ng/ml



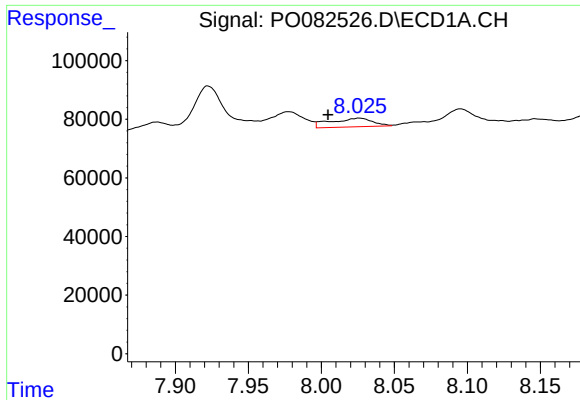
#30 AR-1254-5

R.T.: 8.577 min
Delta R.T.: 0.011 min
Response: 50811
Conc: 15.80 ng/ml



#30 AR-1254-5

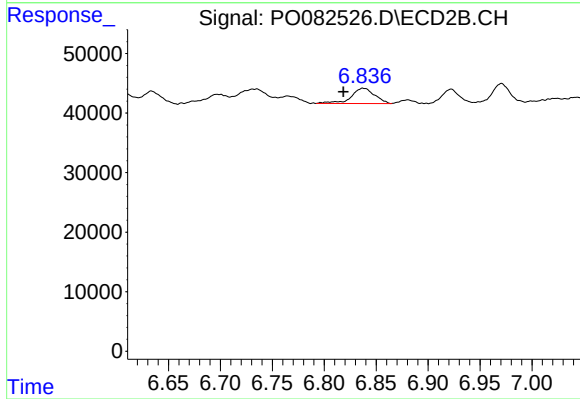
R.T.: 0.000 min
Exp R.T. : 7.351 min
Response: 0
Conc: N.D.



#31 AR-1260-1

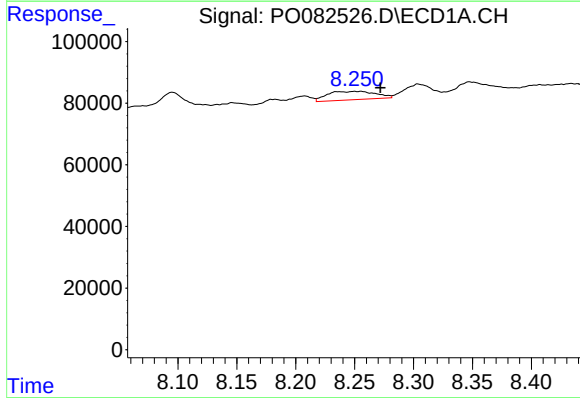
R.T.: 8.026 min
Delta R.T.: 0.021 min
Response: 59006
Conc: 18.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



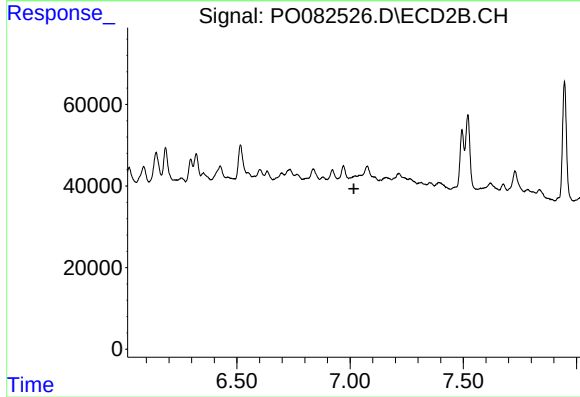
#31 AR-1260-1

R.T.: 6.838 min
Delta R.T.: 0.019 min
Response: 40471
Conc: 22.31 ng/ml



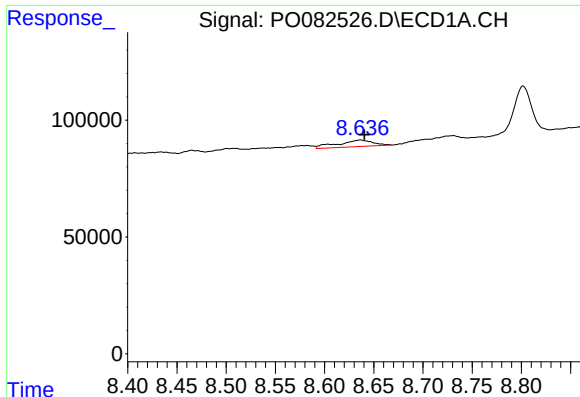
#32 AR-1260-2

R.T.: 8.256 min
Delta R.T.: -0.016 min
Response: 77524
Conc: 20.62 ng/ml



#32 AR-1260-2

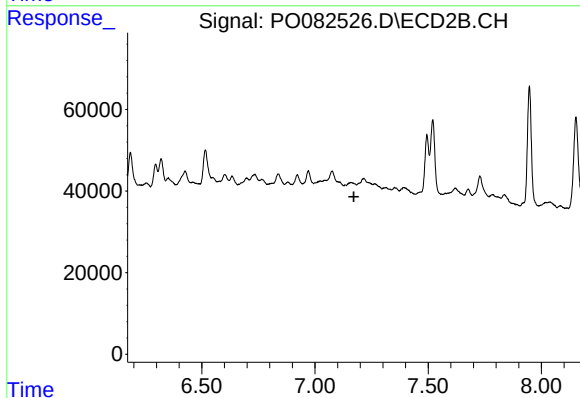
R.T.: 0.000 min
Exp R.T. : 7.017 min
Response: 0
Conc: N.D.



#33 AR-1260-3

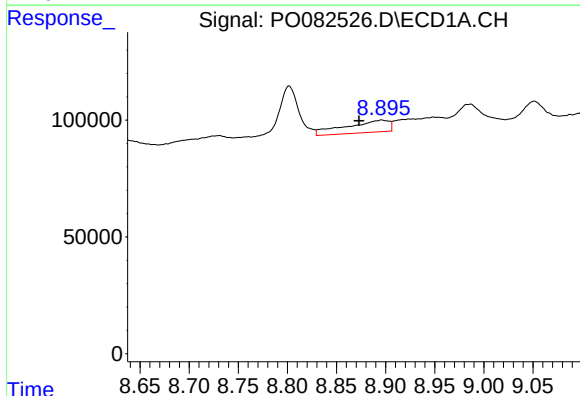
R.T.: 8.636 min
Delta R.T.: -0.004 min
Response: 69409
Conc: 24.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



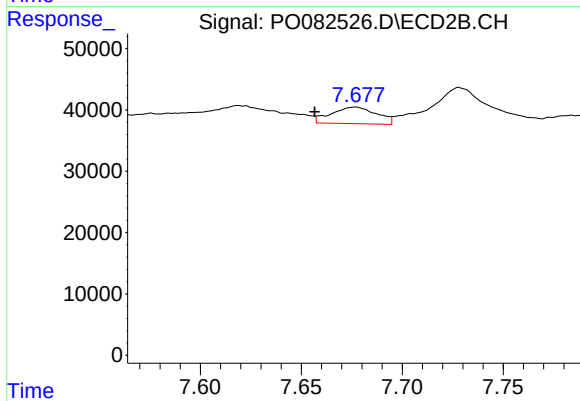
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



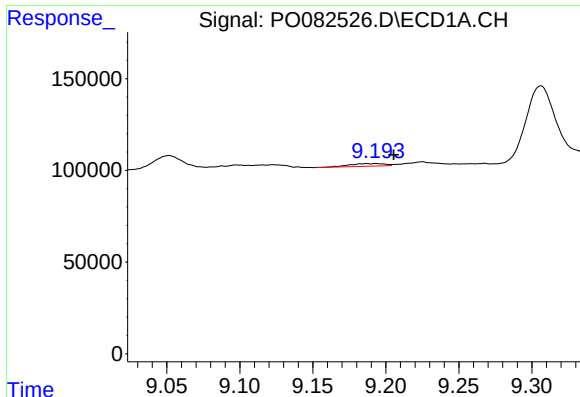
#34 AR-1260-4

R.T.: 8.896 min
Delta R.T.: 0.023 min
Response: 159127
Conc: 47.74 ng/ml



#34 AR-1260-4

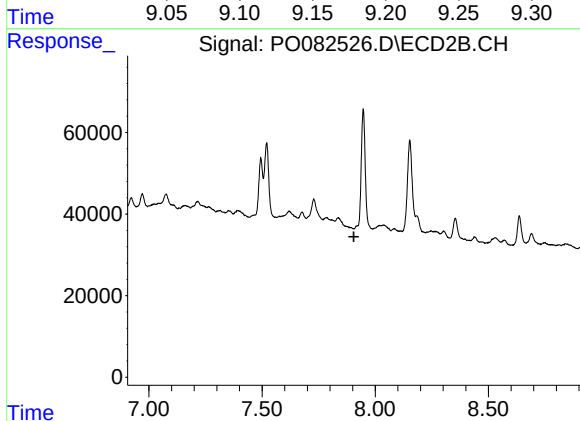
R.T.: 7.677 min
Delta R.T.: 0.020 min
Response: 41988
Conc: 25.17 ng/ml



#35 AR-1260-5

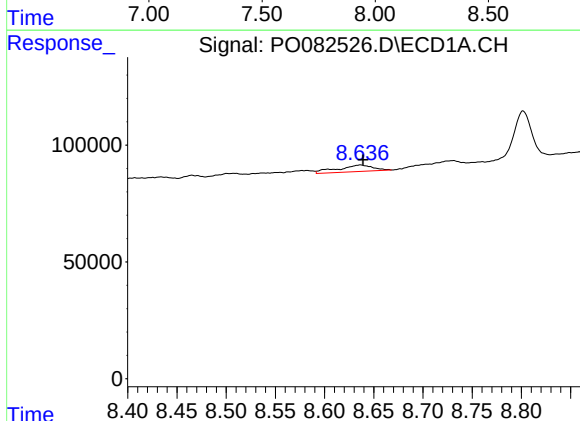
R.T.: 9.193 min
Delta R.T.: -0.012 min
Response: 25048
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



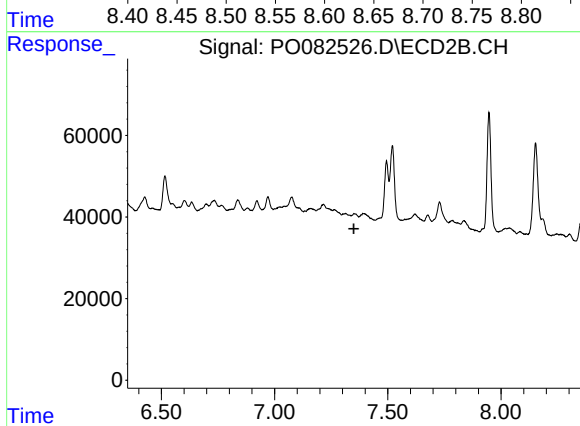
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.906 min
Response: 0
Conc: N.D.



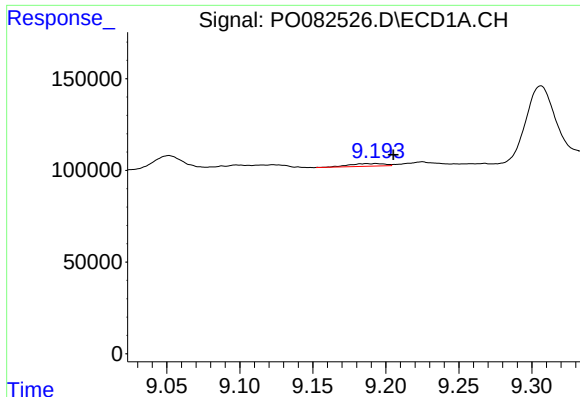
#36 AR-1262-1

R.T.: 8.636 min
Delta R.T.: -0.003 min
Response: 69409
Conc: 18.71 ng/ml



#36 AR-1262-1

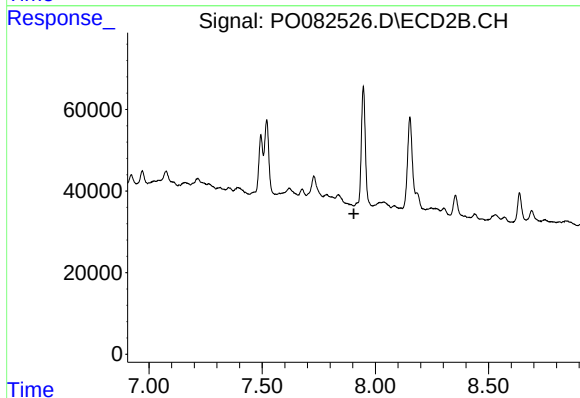
R.T.: 0.000 min
Exp R.T. : 7.350 min
Response: 0
Conc: N.D.



#37 AR-1262-2

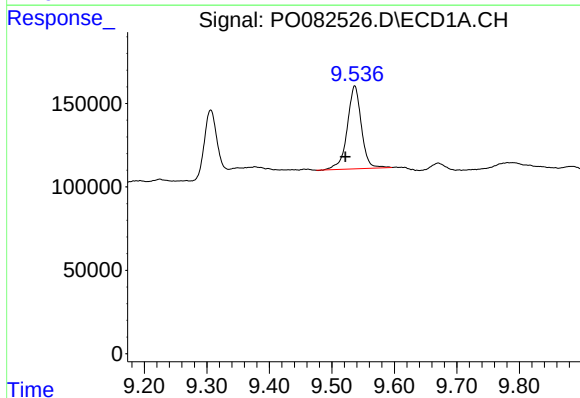
R.T.: 9.193 min
Delta R.T.: -0.012 min
Response: 25048
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



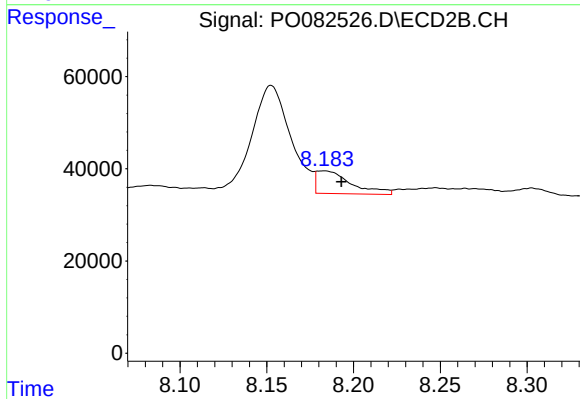
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.905 min
Response: 0
Conc: N.D.



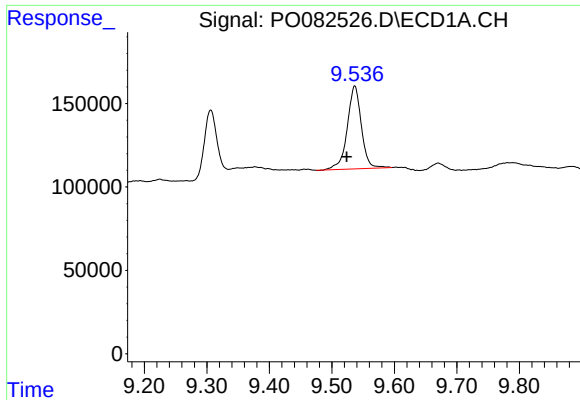
#38 AR-1262-3

R.T.: 9.537 min
Delta R.T.: 0.015 min
Response: 779108
Conc: 271.70 ng/ml



#38 AR-1262-3

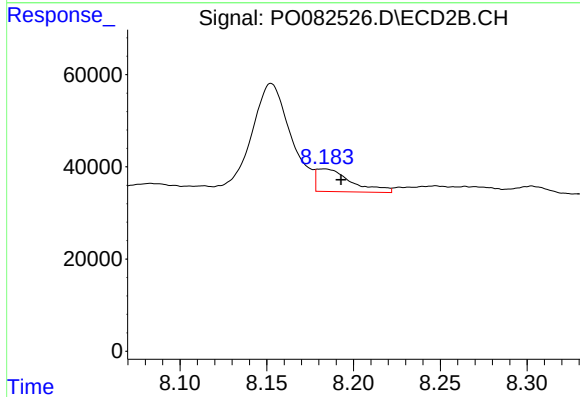
R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 68635
Conc: 42.09 ng/ml



#41 AR-1268-1

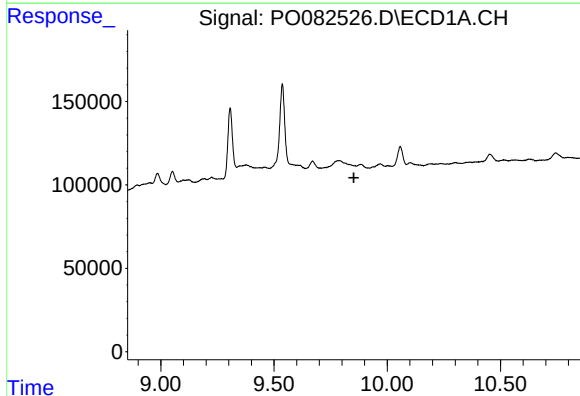
R.T.: 9.537 min
Delta R.T.: 0.013 min
Response: 779108
Conc: 95.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



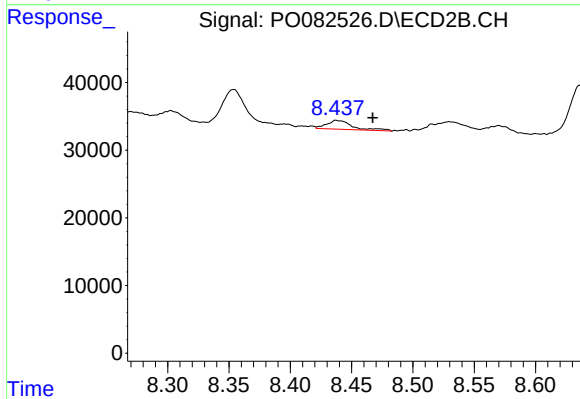
#41 AR-1268-1

R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 68635
Conc: 13.12 ng/ml



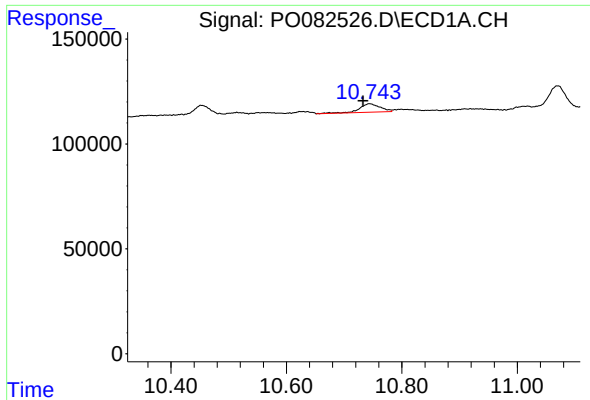
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.853 min
Response: 0
Conc: N.D.



#43 AR-1268-3

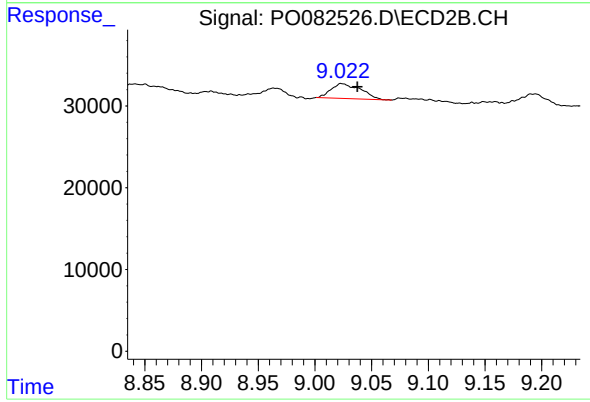
R.T.: 8.438 min
Delta R.T.: -0.029 min
Response: 19153
Conc: 4.93 ng/ml



#45 AR-1268-5

R.T.: 10.744 min
Delta R.T.: 0.011 min
Response: 101134
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.024 min
Delta R.T.: -0.014 min
Response: 33124
Conc: 3.03 ng/ml