

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072846.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2020 00:09
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 07:40:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 27 16:48:42 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...	4.951	4.023	912966	650743	19.801	18.568
2)	SA Decachlor...	10.985	9.310	907156	861392	24.554	25.830
Target Compounds							
3)	L1 AR-1016-1	6.274	5.276	90991	66542	53.302	46.357
4)	L1 AR-1016-2	6.297	5.296	123589	85445	52.384	44.160
5)	L1 AR-1016-3	6.364	5.487	76241	44563	52.840	42.500
6)	L1 AR-1016-4	6.471	5.540	61363	41812	52.229	48.260
7)	L1 AR-1016-5	6.788	5.767	62604	54491	58.349	50.705
8)	L2 AR-1221-1	0.000	4.277	0	5202	N.D.	11.540 #
9)	L2 AR-1221-2	5.303	4.375	25532	14664	62.698	43.177 #
10)	L2 AR-1221-3	5.388	4.467	48482	32526	39.333	31.999
11)	L3 AR-1232-1	5.388	4.467	48482	32526	45.509	37.103
12)	L3 AR-1232-2	5.978	5.296	63661	85445	120.251	97.553
13)	L3 AR-1232-3	6.297	5.487	123589	44563	119.538	94.854
14)	L3 AR-1232-4	6.471	5.584	61363	48365	119.399	113.579
15)	L3 AR-1232-5	6.570	5.767	52840	54491	149.293	116.787
16)	L4 AR-1242-1	6.274	5.276	90991	66542	65.403	56.594
17)	L4 AR-1242-2	6.297	5.296	123589	85445	64.650	53.805
18)	L4 AR-1242-3	6.364	5.487	76241	44563	64.384	51.549
19)	L4 AR-1242-4	6.471	5.584	61363	48365	63.382	58.272
20)	L4 AR-1242-5	7.257	6.145	11099	40869	10.836	38.085 #
21)	L5 AR-1248-1	6.274	5.276	90991	66542	88.180	70.190
22)	L5 AR-1248-2	6.570	5.540	52840	41812	40.191	33.243
23)	L5 AR-1248-3	6.788	5.584	62604	48365	42.253	37.398
24)	L5 AR-1248-4	7.220	5.767	11186	54491	6.194	35.072 #
25)	L5 AR-1248-5	7.257	0.000	11099	0	6.439	N.D. #
26)	L6 AR-1254-1	7.188	6.145	45140	40869	26.047	18.157 #
27)	L6 AR-1254-2	7.417	6.304	50418	37712	18.869	18.776
28)	L6 AR-1254-3	7.801	6.742f	38968	68474	14.419	21.552 #
29)	L6 AR-1254-4	8.095	6.960	34228	21766	15.619	10.008 #
30)	L6 AR-1254-5	8.525	7.388	175430	131926	79.681	47.399 #
31)	L7 AR-1260-1	7.968	6.860	111841	119770	60.134	60.231
32)	L7 AR-1260-2	8.233	7.056	161262	128353	70.950	51.226 #
33)	L7 AR-1260-3	8.600	7.210	130398	111482	76.050	50.578 #
34)	L7 AR-1260-4	8.831	7.693	161304	102662	80.749	55.781 #
35)	L7 AR-1260-5	9.159	7.938	328405	240615	80.964	54.746 #
36)	L8 AR-1262-1	8.600	7.388	130398	131926	54.520	95.147 #
37)	L8 AR-1262-2	9.159	7.938	328405	240615	74.230	52.744 #
38)	L8 AR-1262-3	9.493f	8.225	242421	73044	75.357	39.918 #
39)	L8 AR-1262-4	9.547f	8.286	141024	185987	58.792	55.867
40)	L8 AR-1262-5	10.234	8.781	64751	61751	38.562	37.710
41)	L9 AR-1268-1	9.493f	8.225	242421	73044	43.727	14.016 #

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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 26 Sample Multiplier: 1

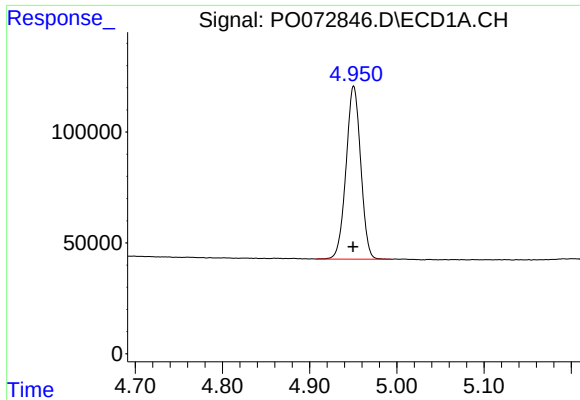
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 07:40:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
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 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
42) L9	AR-1268-2	9.547f	8.286	141024	185987	27.860	39.704 #
43) L9	AR-1268-3	9.795	8.498	20054	33002	4.623	7.842 #
44) L9	AR-1268-4	10.234	8.781	64751	61751	34.255	33.596
45) L9	AR-1268-5	10.650	9.062	18764	18576	1.353	1.434

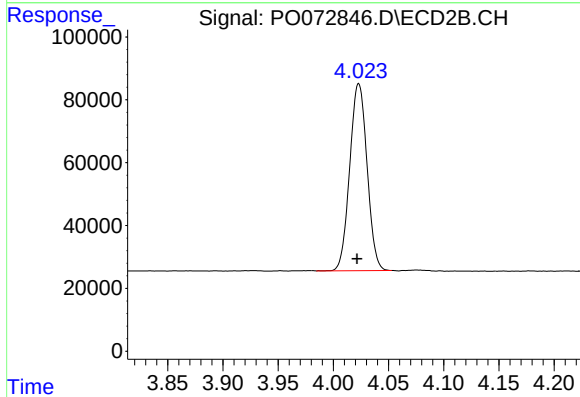
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

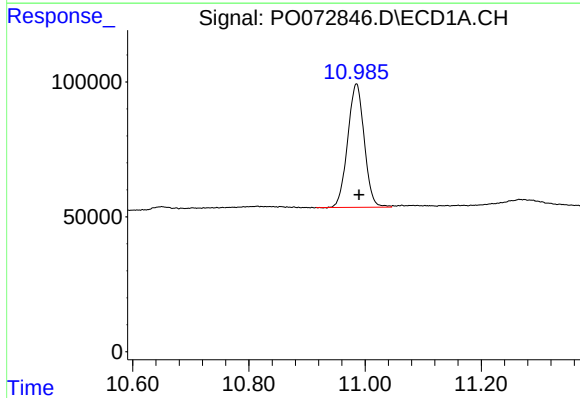
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 912966
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



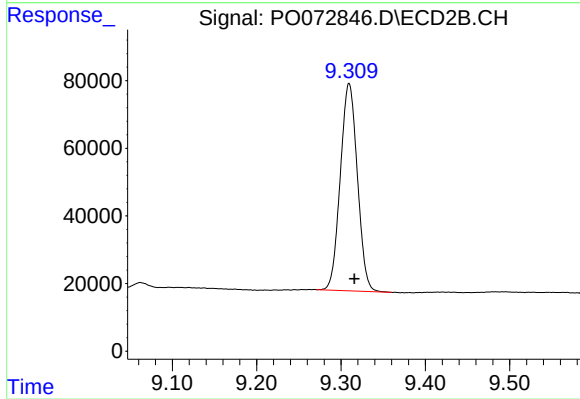
#1 Tetrachloro-m-xylene

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 650743
Conc: 18.57 ng/ml



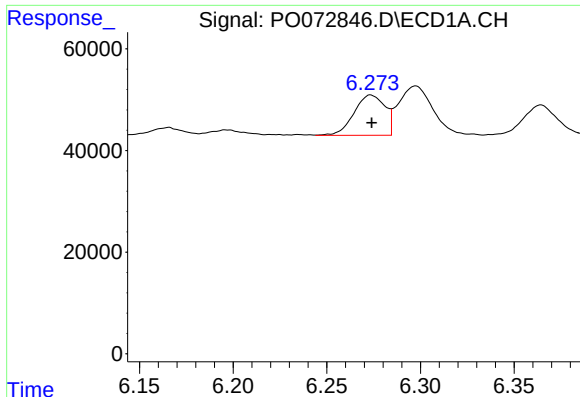
#2 Decachlorobiphenyl

R.T.: 10.985 min
Delta R.T.: -0.004 min
Response: 907156
Conc: 24.55 ng/ml



#2 Decachlorobiphenyl

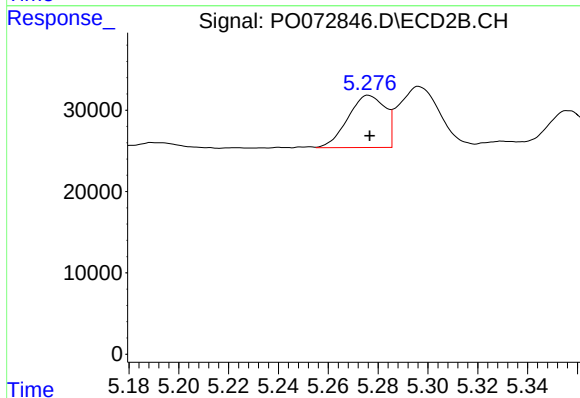
R.T.: 9.310 min
Delta R.T.: -0.006 min
Response: 861392
Conc: 25.83 ng/ml



#3 AR-1016-1

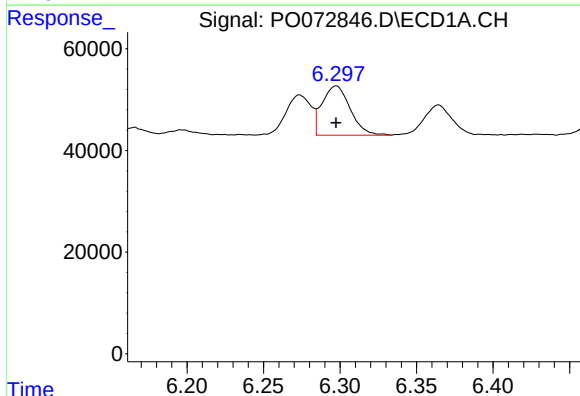
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 90991
Conc: 53.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



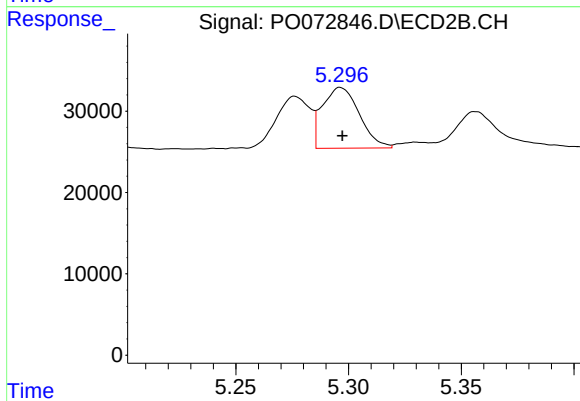
#3 AR-1016-1

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 66542
Conc: 46.36 ng/ml



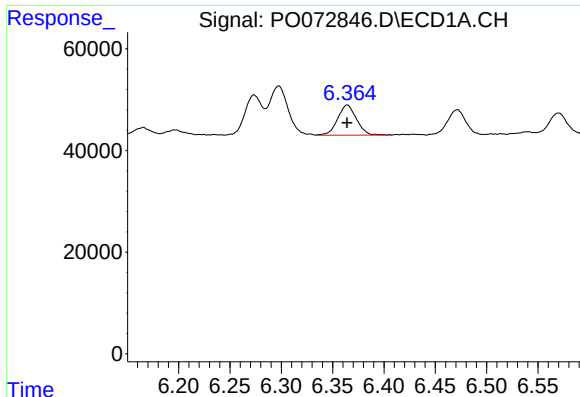
#4 AR-1016-2

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 123589
Conc: 52.38 ng/ml



#4 AR-1016-2

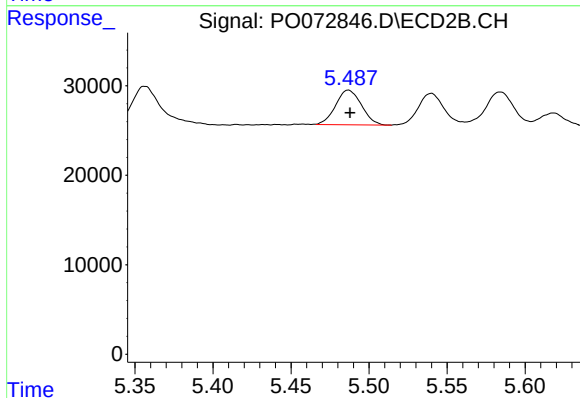
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 85445
Conc: 44.16 ng/ml



#5 AR-1016-3

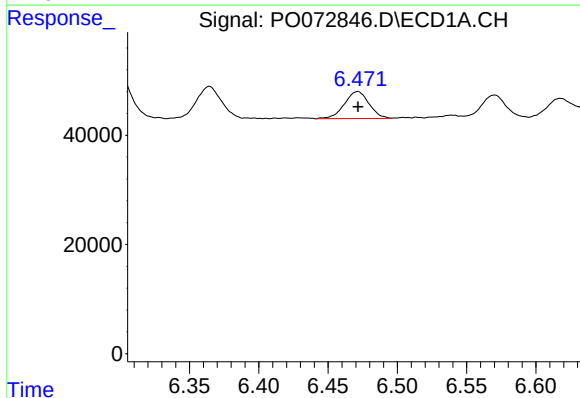
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 76241
Conc: 52.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



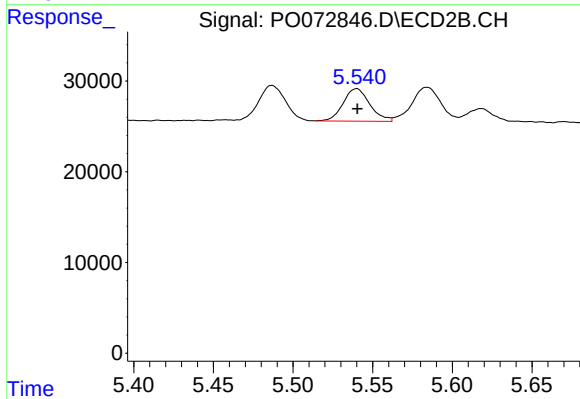
#5 AR-1016-3

R.T.: 5.487 min
Delta R.T.: -0.001 min
Response: 44563
Conc: 42.50 ng/ml



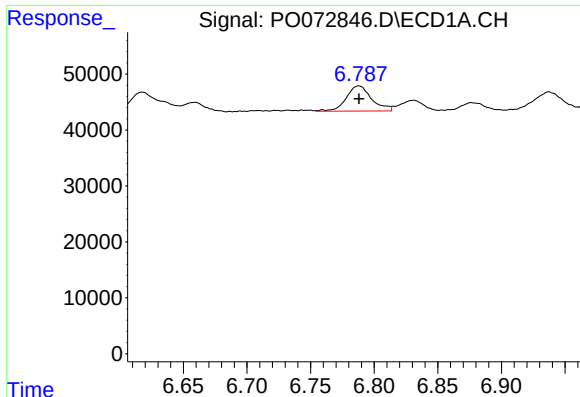
#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 61363
Conc: 52.23 ng/ml



#6 AR-1016-4

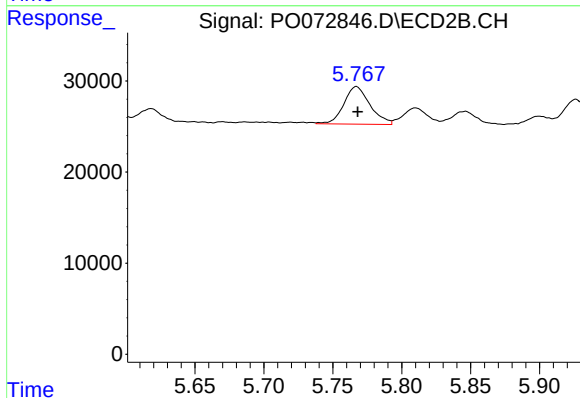
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 41812
Conc: 48.26 ng/ml



#7 AR-1016-5

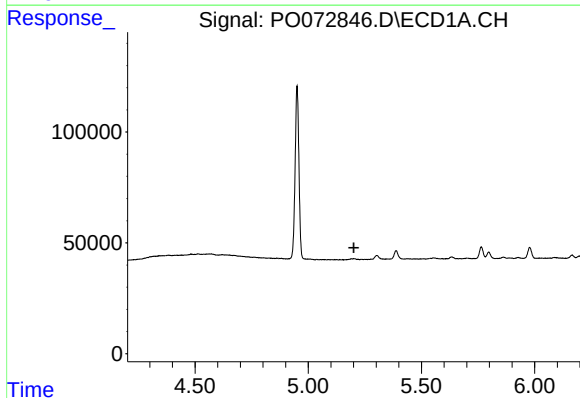
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 62604
Conc: 58.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



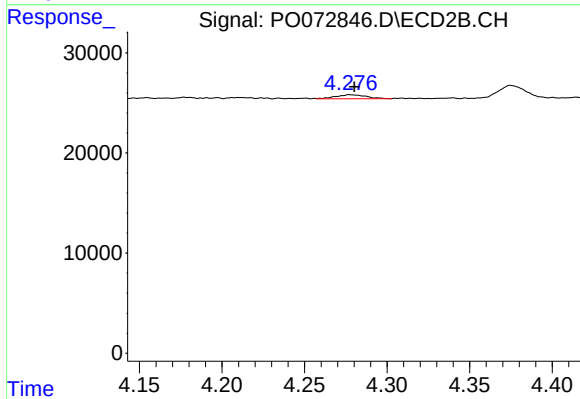
#7 AR-1016-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 54491
Conc: 50.70 ng/ml



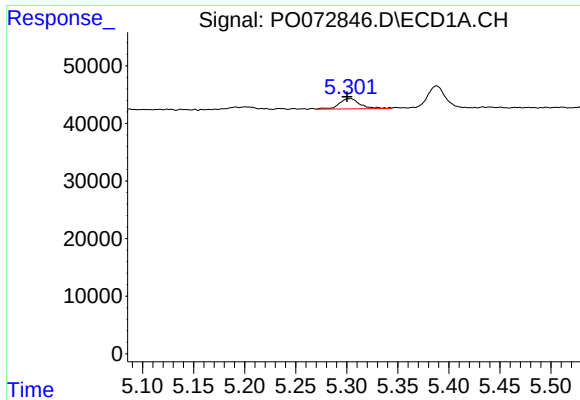
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.201 min
Response: 0
Conc: N.D.



#8 AR-1221-1

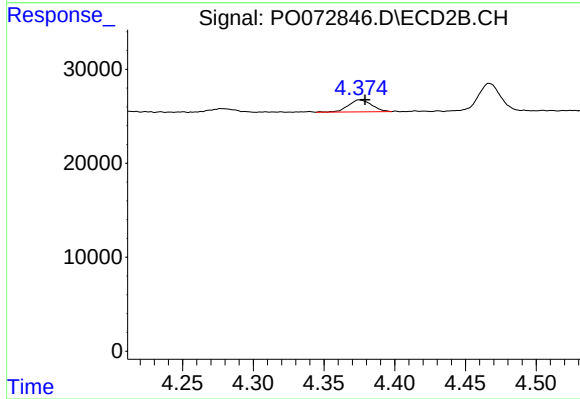
R.T.: 4.277 min
Delta R.T.: -0.003 min
Response: 5202
Conc: 11.54 ng/ml



#9 AR-1221-2

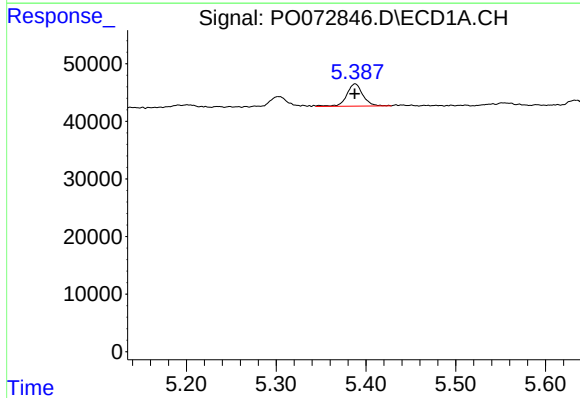
R.T.: 5.303 min
Delta R.T.: 0.003 min
Response: 25532
Conc: 62.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



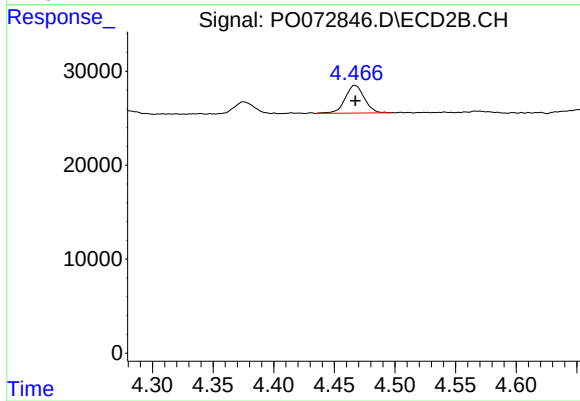
#9 AR-1221-2

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 14664
Conc: 43.18 ng/ml



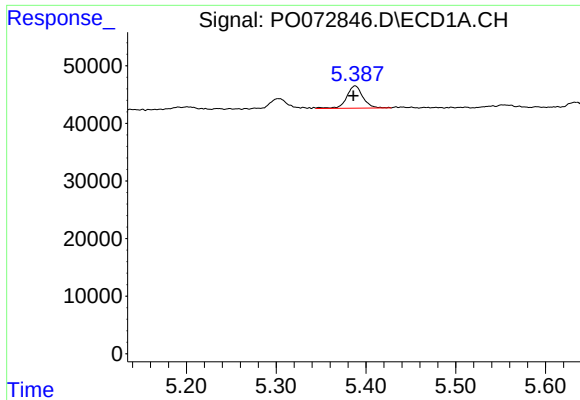
#10 AR-1221-3

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 48482
Conc: 39.33 ng/ml



#10 AR-1221-3

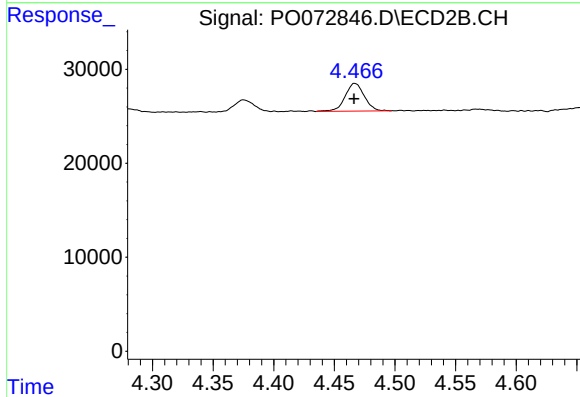
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 32526
Conc: 32.00 ng/ml



#11 AR-1232-1

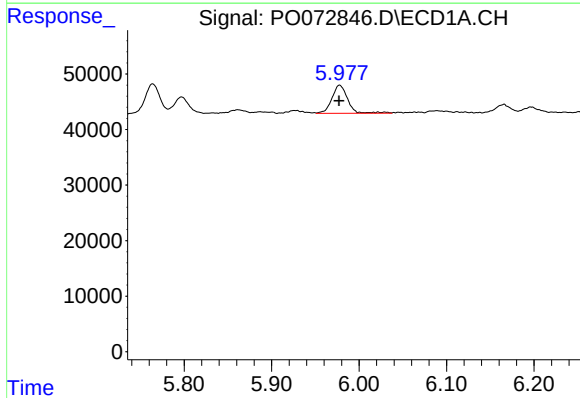
R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 48482
Conc: 45.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



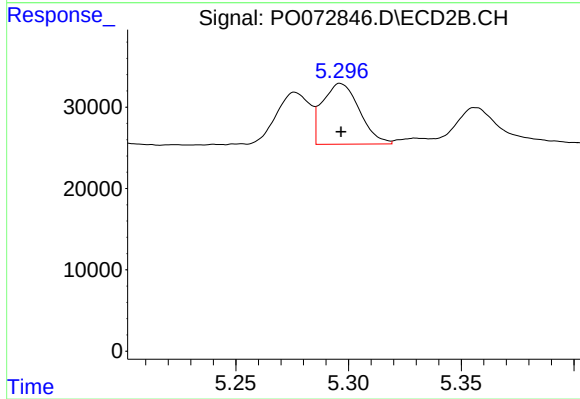
#11 AR-1232-1

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 32526
Conc: 37.10 ng/ml



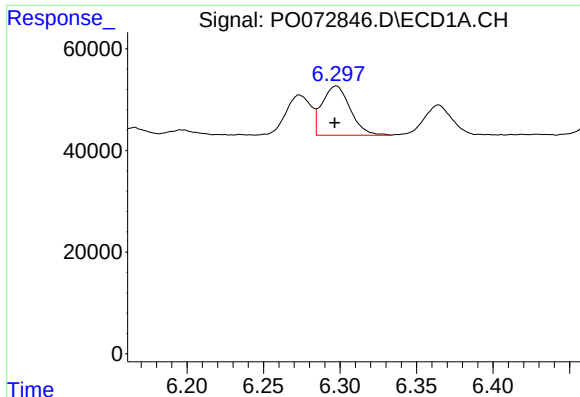
#12 AR-1232-2

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 63661
Conc: 120.25 ng/ml



#12 AR-1232-2

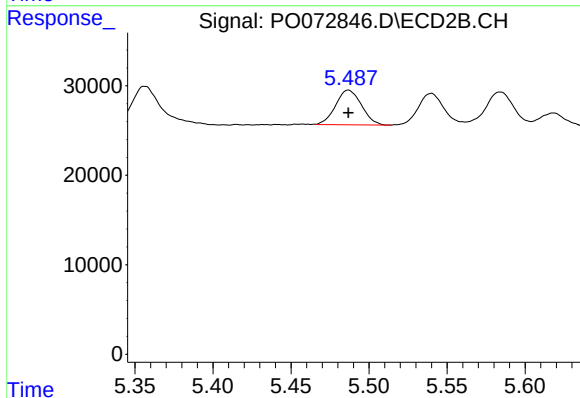
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 85445
Conc: 97.55 ng/ml



#13 AR-1232-3

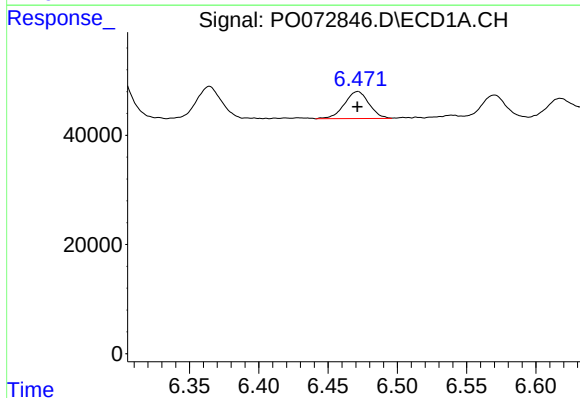
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 123589
Conc: 119.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



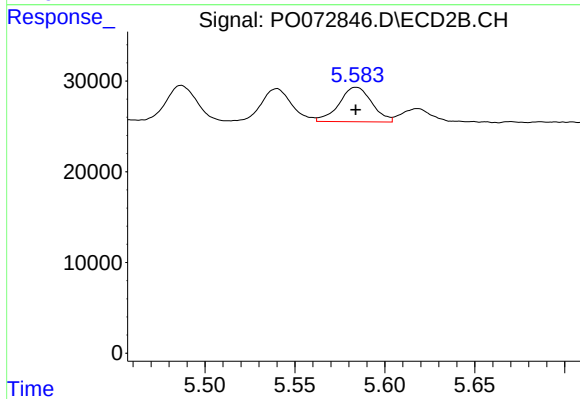
#13 AR-1232-3

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 44563
Conc: 94.85 ng/ml



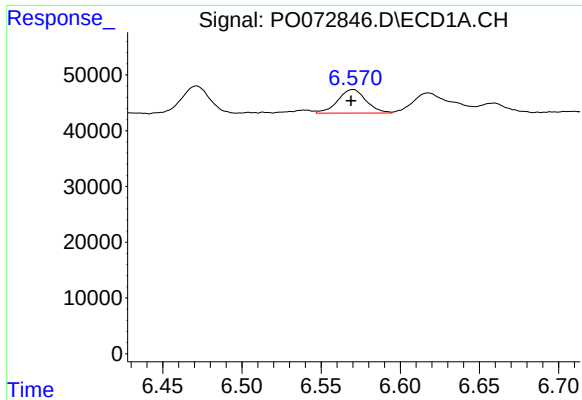
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 61363
Conc: 119.40 ng/ml



#14 AR-1232-4

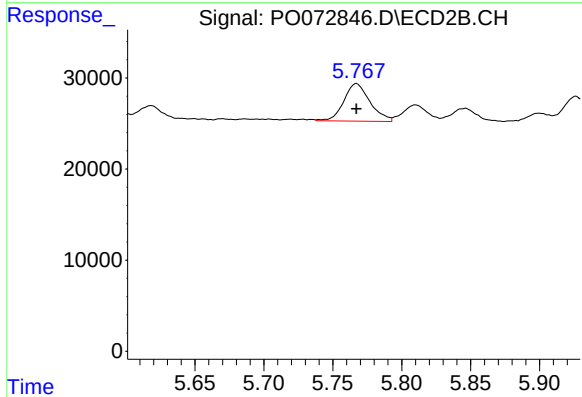
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 48365
Conc: 113.58 ng/ml



#15 AR-1232-5

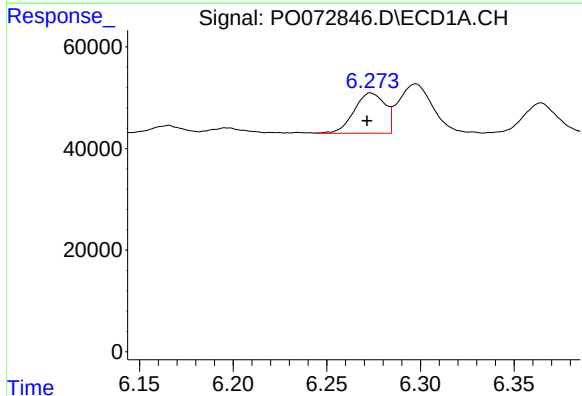
R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 52840
Conc: 149.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



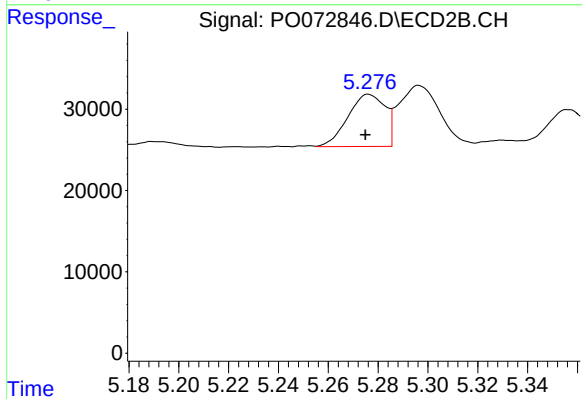
#15 AR-1232-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 54491
Conc: 116.79 ng/ml



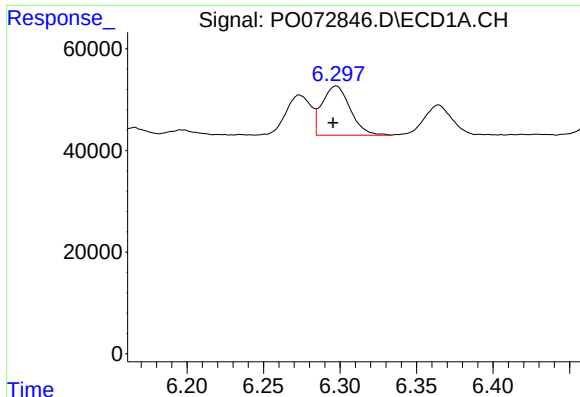
#16 AR-1242-1

R.T.: 6.274 min
Delta R.T.: 0.002 min
Response: 90991
Conc: 65.40 ng/ml



#16 AR-1242-1

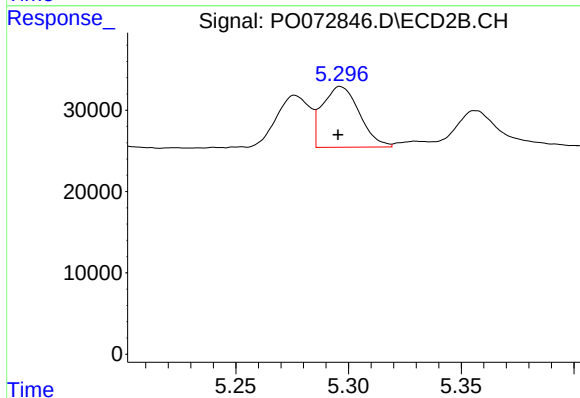
R.T.: 5.276 min
Delta R.T.: 0.001 min
Response: 66542
Conc: 56.59 ng/ml



#17 AR-1242-2

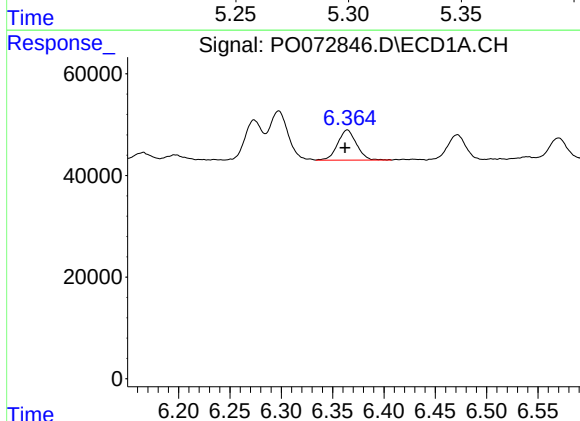
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 123589
Conc: 64.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



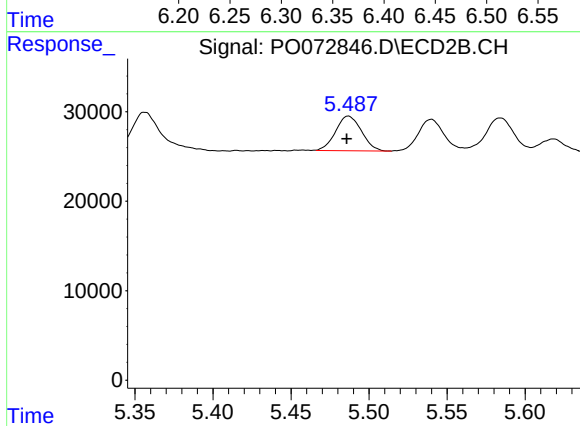
#17 AR-1242-2

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 85445
Conc: 53.80 ng/ml



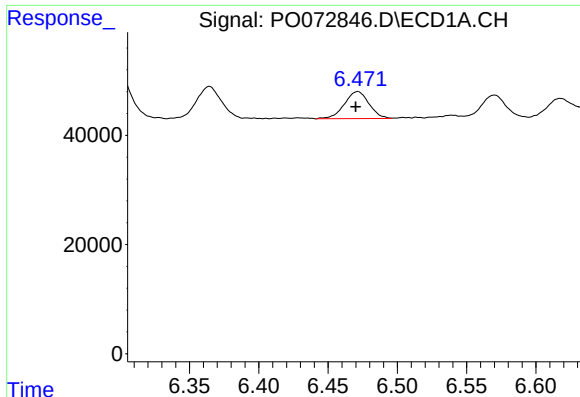
#18 AR-1242-3

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 76241
Conc: 64.38 ng/ml



#18 AR-1242-3

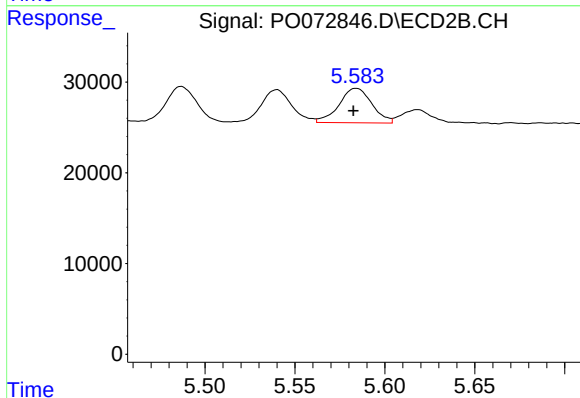
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 44563
Conc: 51.55 ng/ml



#19 AR-1242-4

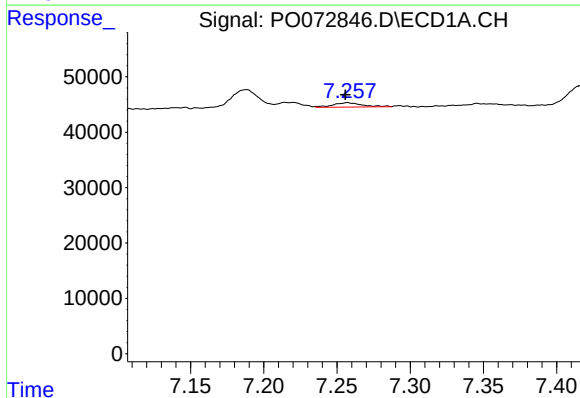
R.T.: 6.471 min
Delta R.T.: 0.001 min
Response: 61363
Conc: 63.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



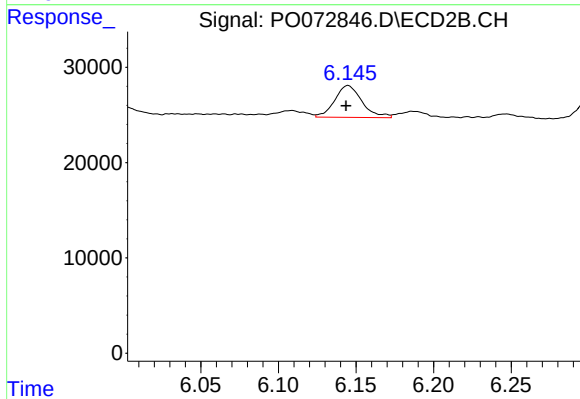
#19 AR-1242-4

R.T.: 5.584 min
Delta R.T.: 0.001 min
Response: 48365
Conc: 58.27 ng/ml



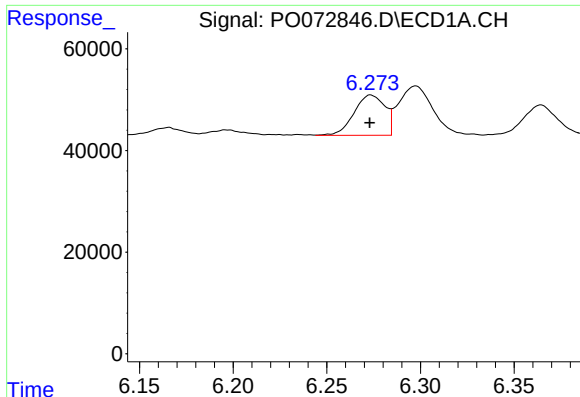
#20 AR-1242-5

R.T.: 7.257 min
Delta R.T.: 0.002 min
Response: 11099
Conc: 10.84 ng/ml



#20 AR-1242-5

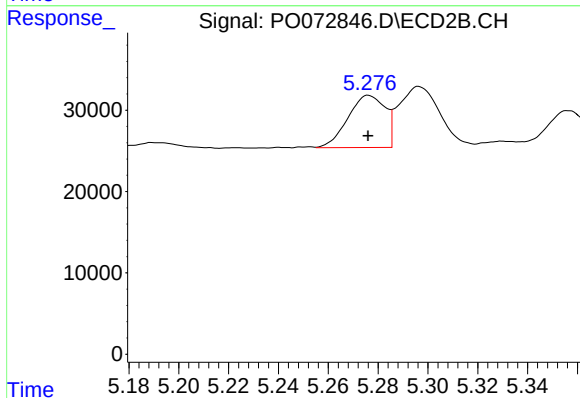
R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 40869
Conc: 38.08 ng/ml



#21 AR-1248-1

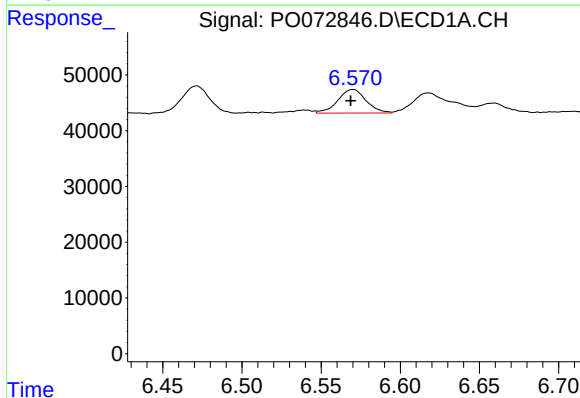
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 90991
Conc: 88.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



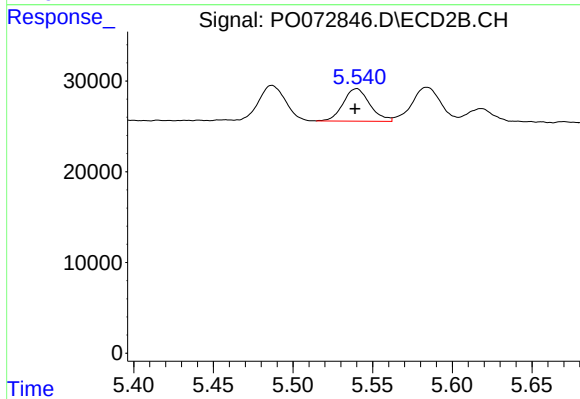
#21 AR-1248-1

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 66542
Conc: 70.19 ng/ml



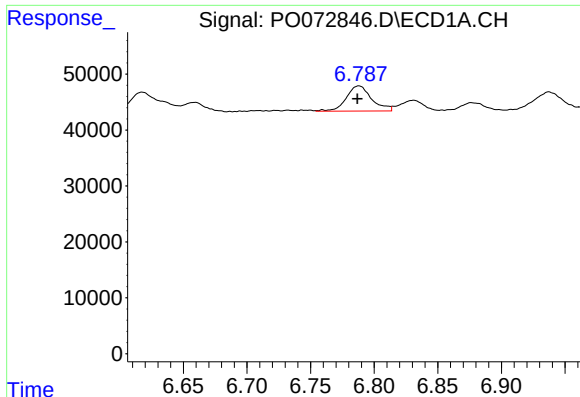
#22 AR-1248-2

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 52840
Conc: 40.19 ng/ml



#22 AR-1248-2

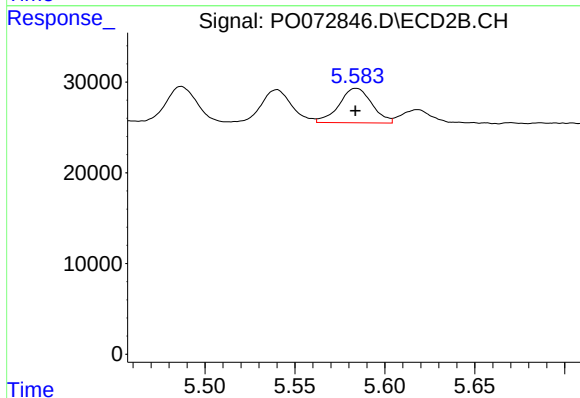
R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 41812
Conc: 33.24 ng/ml



#23 AR-1248-3

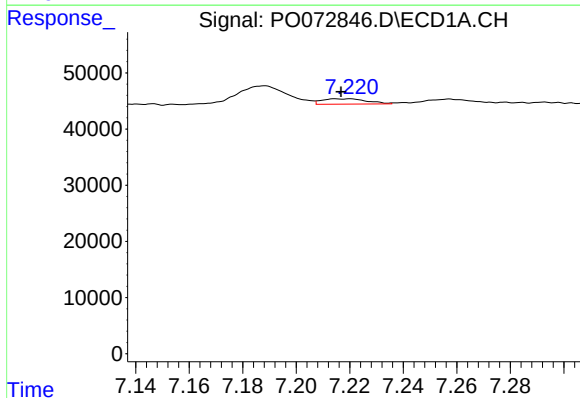
R.T.: 6.788 min
Delta R.T.: 0.001 min
Response: 62604
Conc: 42.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



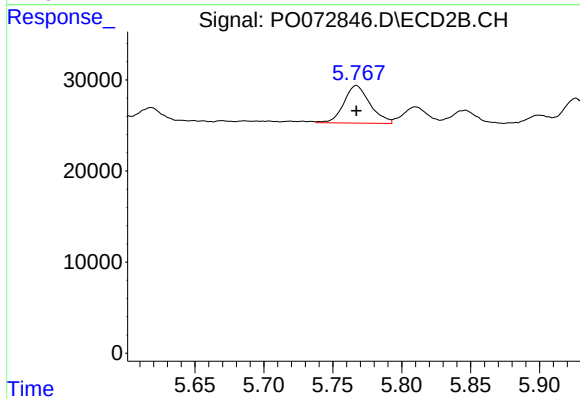
#23 AR-1248-3

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 48365
Conc: 37.40 ng/ml



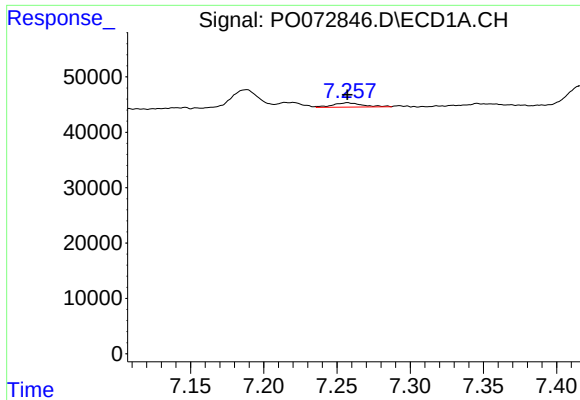
#24 AR-1248-4

R.T.: 7.220 min
Delta R.T.: 0.003 min
Response: 11186
Conc: 6.19 ng/ml



#24 AR-1248-4

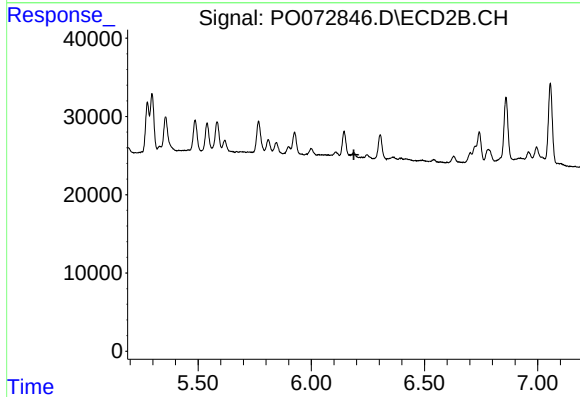
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 54491
Conc: 35.07 ng/ml



#25 AR-1248-5

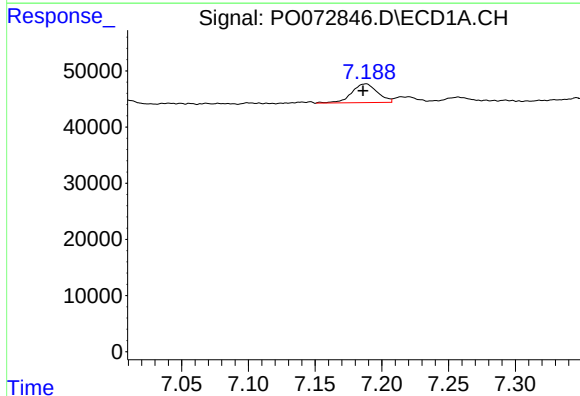
R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 11099
Conc: 6.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



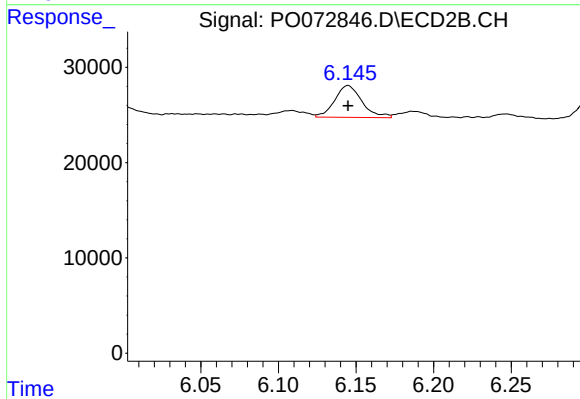
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



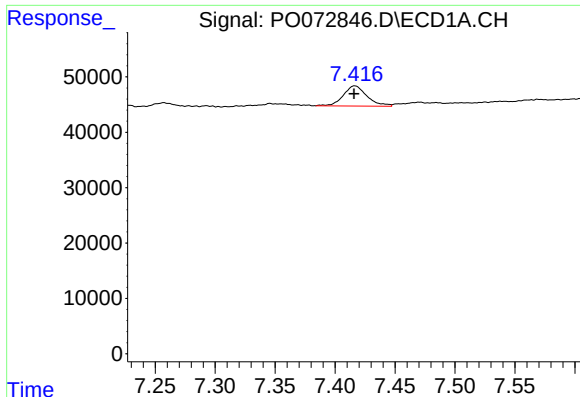
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: 0.002 min
Response: 45140
Conc: 26.05 ng/ml



#26 AR-1254-1

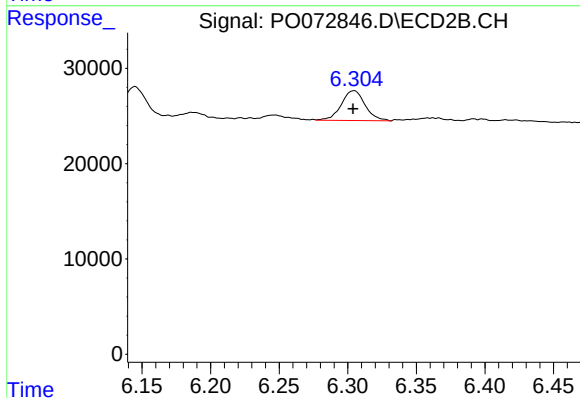
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 40869
Conc: 18.16 ng/ml



#27 AR-1254-2

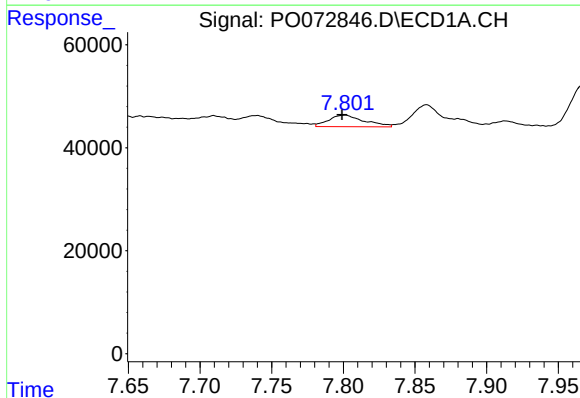
R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 50418
Conc: 18.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



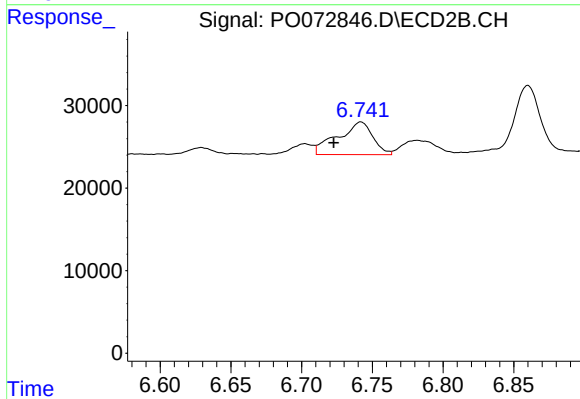
#27 AR-1254-2

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 37712
Conc: 18.78 ng/ml



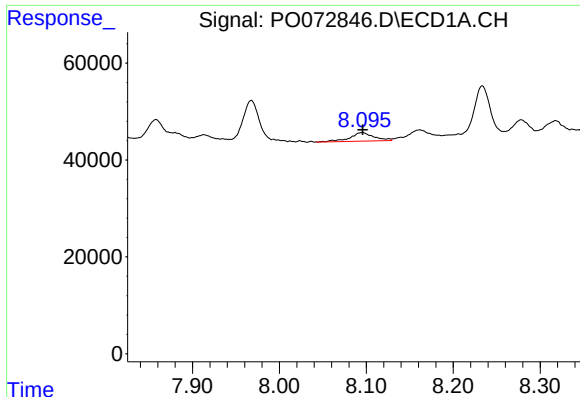
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 38968
Conc: 14.42 ng/ml



#28 AR-1254-3

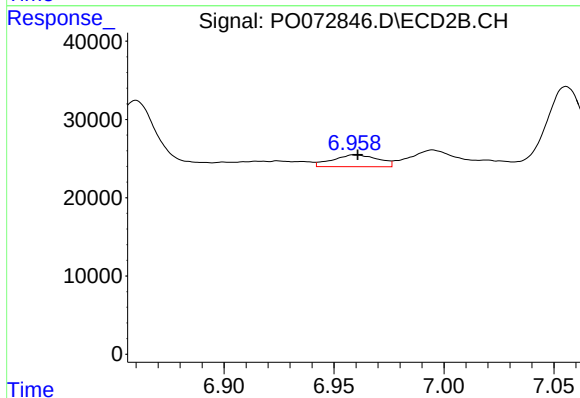
R.T.: 6.742 min
Delta R.T.: 0.019 min
Response: 68474
Conc: 21.55 ng/ml



#29 AR-1254-4

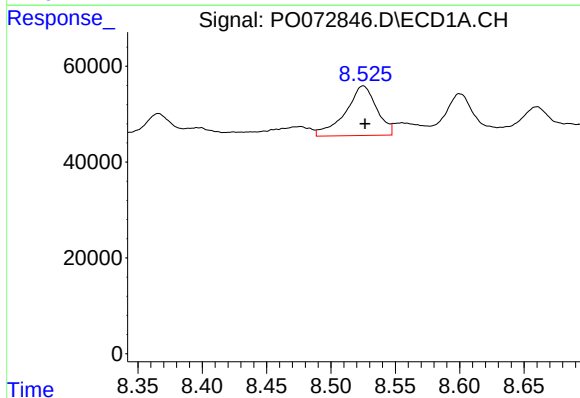
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 34228
Conc: 15.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



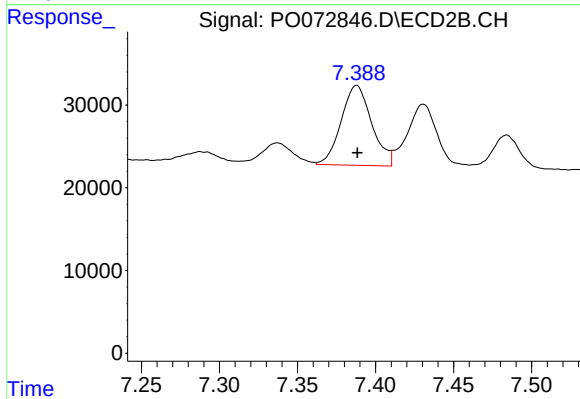
#29 AR-1254-4

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 21766
Conc: 10.01 ng/ml



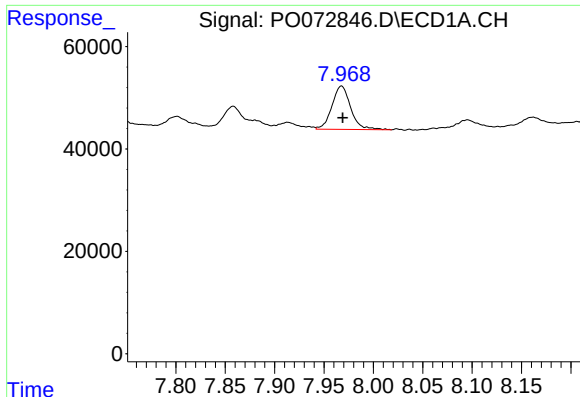
#30 AR-1254-5

R.T.: 8.525 min
Delta R.T.: -0.001 min
Response: 175430
Conc: 79.68 ng/ml



#30 AR-1254-5

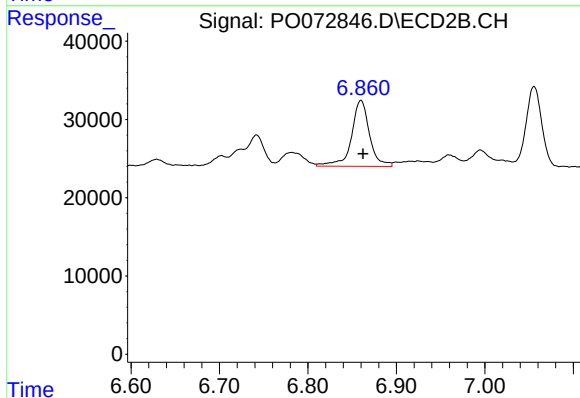
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 131926
Conc: 47.40 ng/ml



#31 AR-1260-1

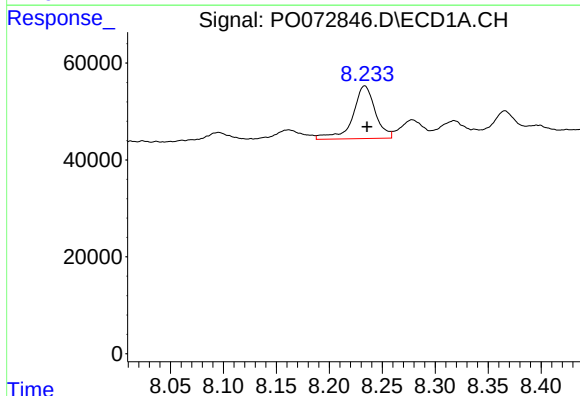
R.T.: 7.968 min
Delta R.T.: -0.001 min
Response: 111841
Conc: 60.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



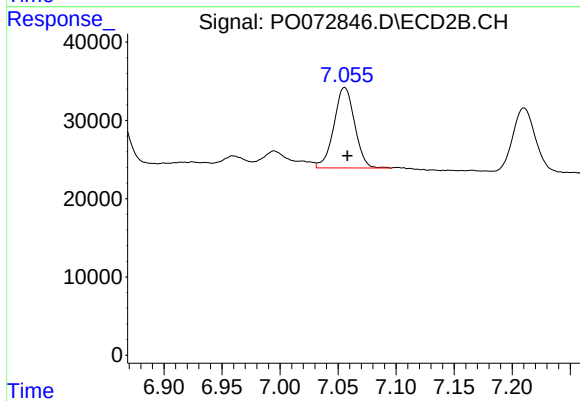
#31 AR-1260-1

R.T.: 6.860 min
Delta R.T.: -0.002 min
Response: 119770
Conc: 60.23 ng/ml



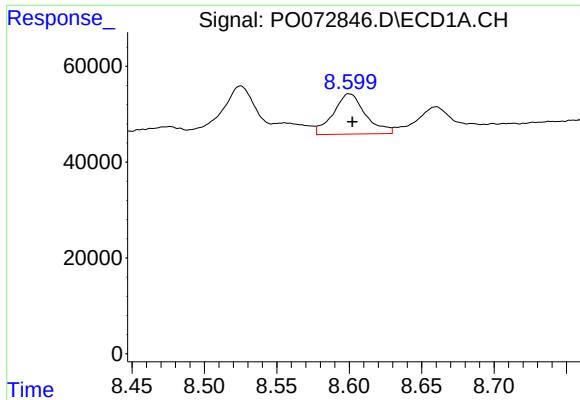
#32 AR-1260-2

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 161262
Conc: 70.95 ng/ml



#32 AR-1260-2

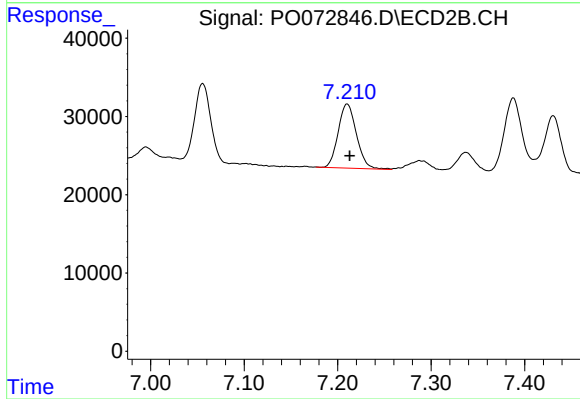
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 128353
Conc: 51.23 ng/ml



#33 AR-1260-3

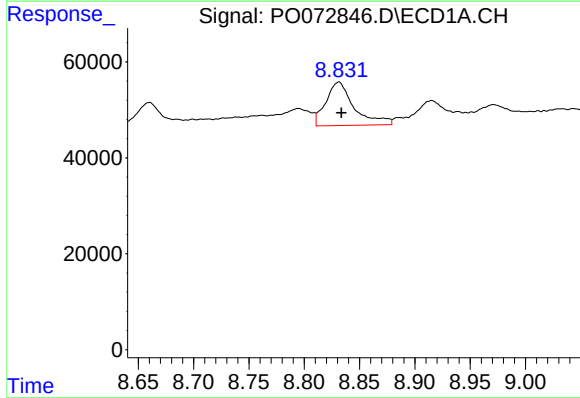
R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 130398
Conc: 76.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



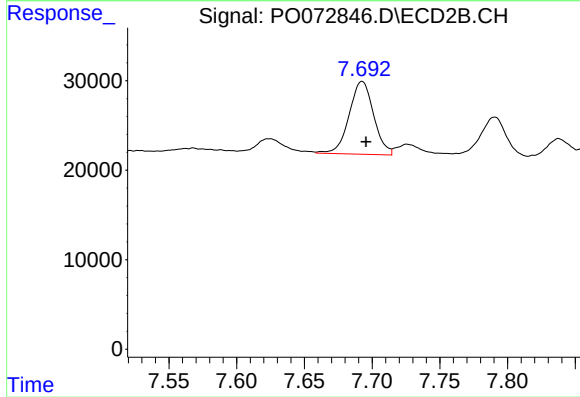
#33 AR-1260-3

R.T.: 7.210 min
Delta R.T.: -0.003 min
Response: 111482
Conc: 50.58 ng/ml



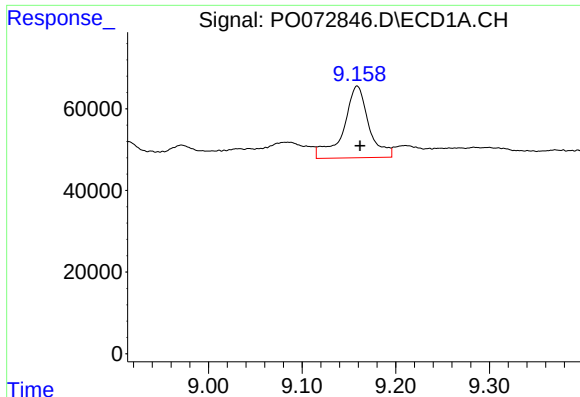
#34 AR-1260-4

R.T.: 8.831 min
Delta R.T.: -0.003 min
Response: 161304
Conc: 80.75 ng/ml



#34 AR-1260-4

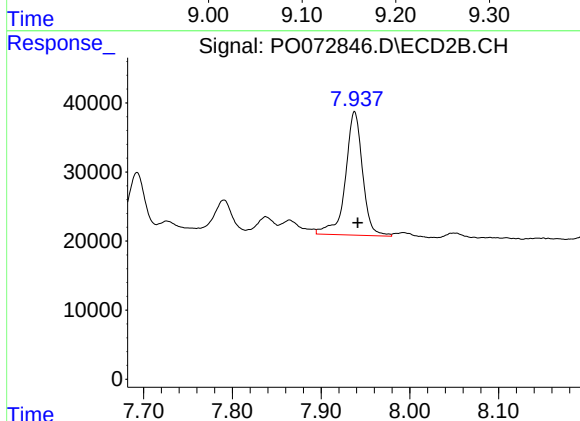
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 102662
Conc: 55.78 ng/ml



#35 AR-1260-5

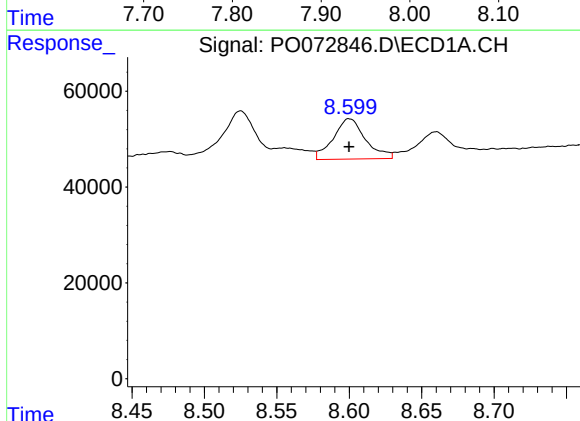
R.T.: 9.159 min
Delta R.T.: -0.003 min
Response: 328405
Conc: 80.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



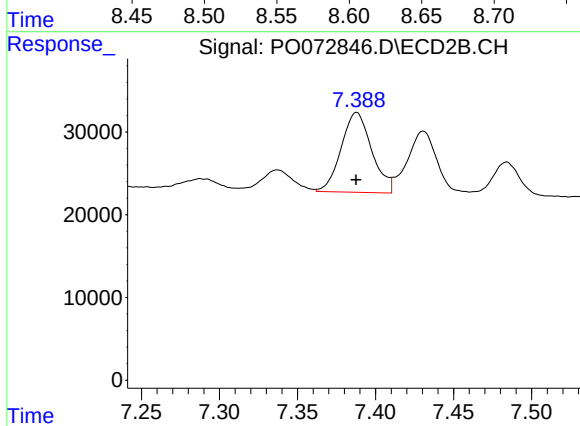
#35 AR-1260-5

R.T.: 7.938 min
Delta R.T.: -0.004 min
Response: 240615
Conc: 54.75 ng/ml



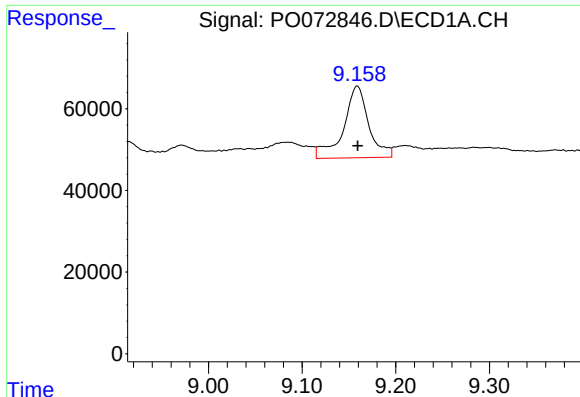
#36 AR-1262-1

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 130398
Conc: 54.52 ng/ml



#36 AR-1262-1

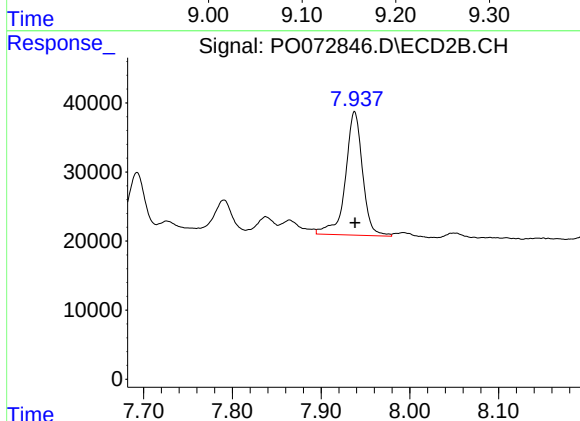
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 131926
Conc: 95.15 ng/ml



#37 AR-1262-2

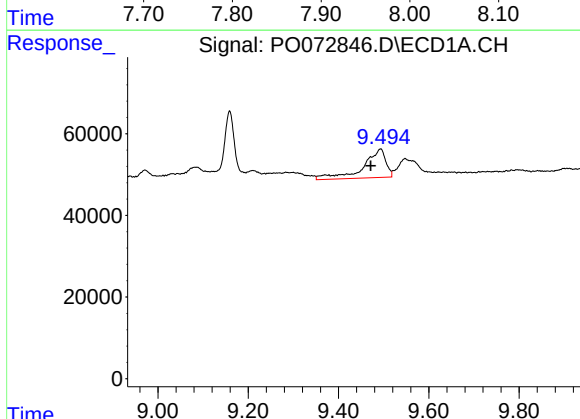
R.T.: 9.159 min
Delta R.T.: 0.000 min
Response: 328405
Conc: 74.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



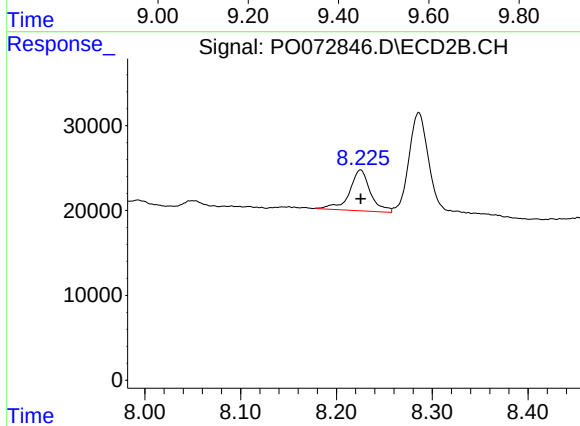
#37 AR-1262-2

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 240615
Conc: 52.74 ng/ml



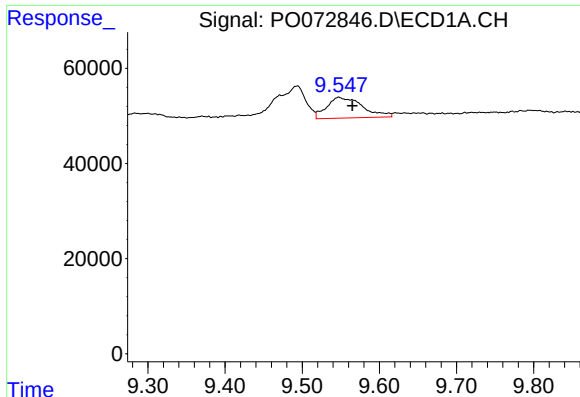
#38 AR-1262-3

R.T.: 9.493 min
Delta R.T.: 0.022 min
Response: 242421
Conc: 75.36 ng/ml



#38 AR-1262-3

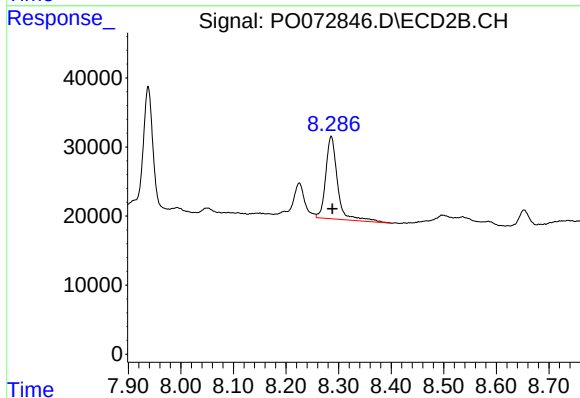
R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 73044
Conc: 39.92 ng/ml



#39 AR-1262-4

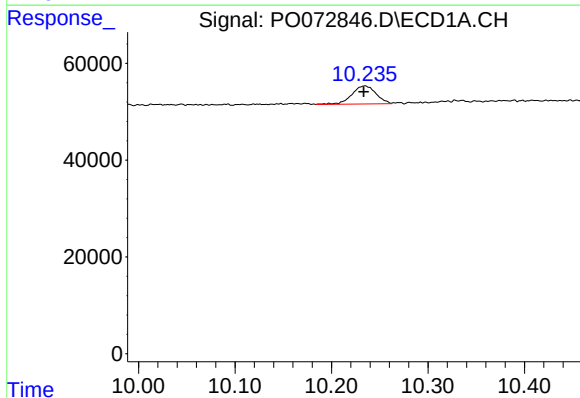
R.T.: 9.547 min
Delta R.T.: -0.017 min
Response: 141024
Conc: 58.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



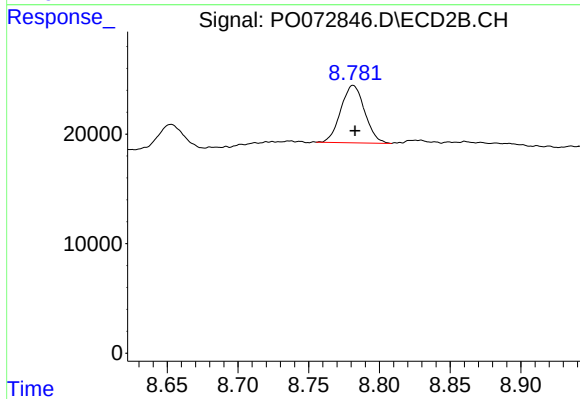
#39 AR-1262-4

R.T.: 8.286 min
Delta R.T.: -0.002 min
Response: 185987
Conc: 55.87 ng/ml



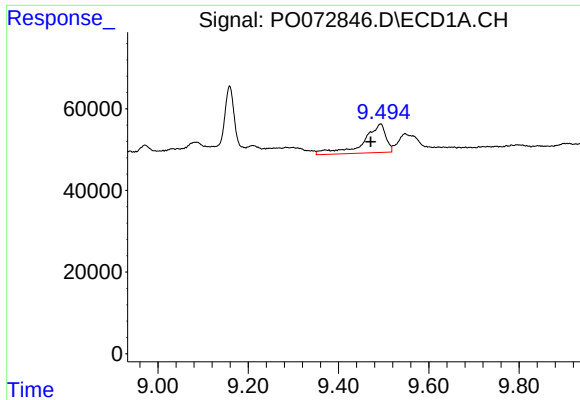
#40 AR-1262-5

R.T.: 10.234 min
Delta R.T.: 0.001 min
Response: 64751
Conc: 38.56 ng/ml



#40 AR-1262-5

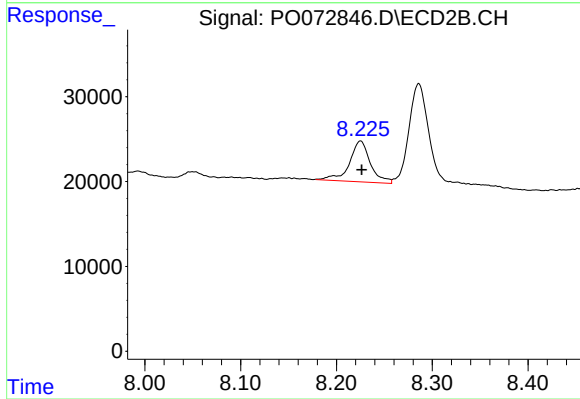
R.T.: 8.781 min
Delta R.T.: -0.001 min
Response: 61751
Conc: 37.71 ng/ml



#41 AR-1268-1

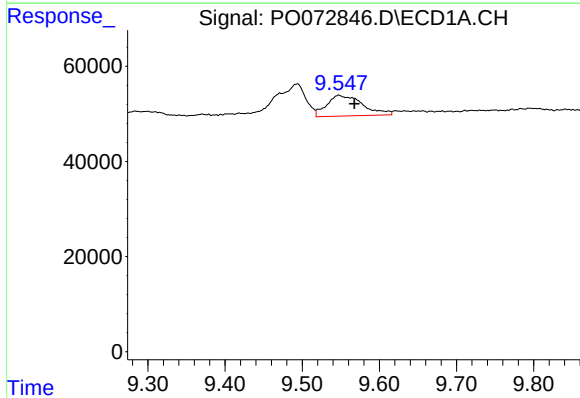
R.T.: 9.493 min
Delta R.T.: 0.022 min
Response: 242421
Conc: 43.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



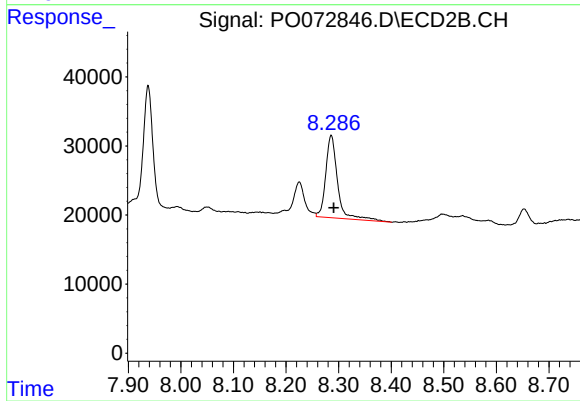
#41 AR-1268-1

R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 73044
Conc: 14.02 ng/ml



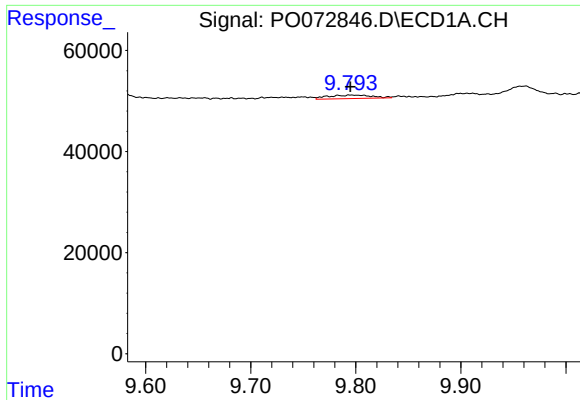
#42 AR-1268-2

R.T.: 9.547 min
Delta R.T.: -0.020 min
Response: 141024
Conc: 27.86 ng/ml



#42 AR-1268-2

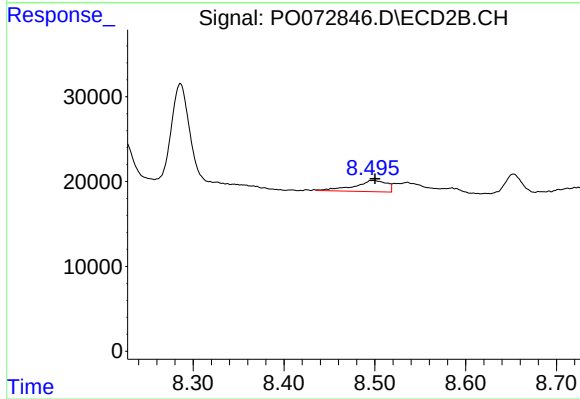
R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 185987
Conc: 39.70 ng/ml



#43 AR-1268-3

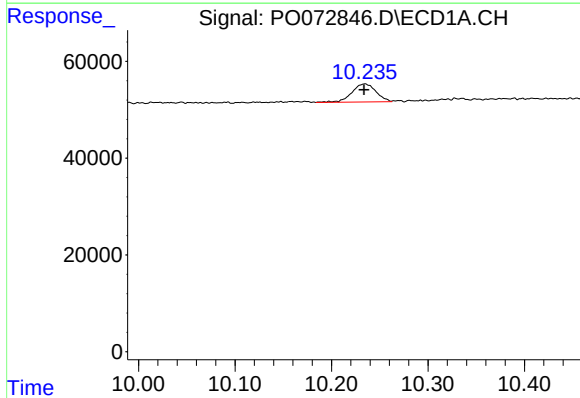
R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 20054
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



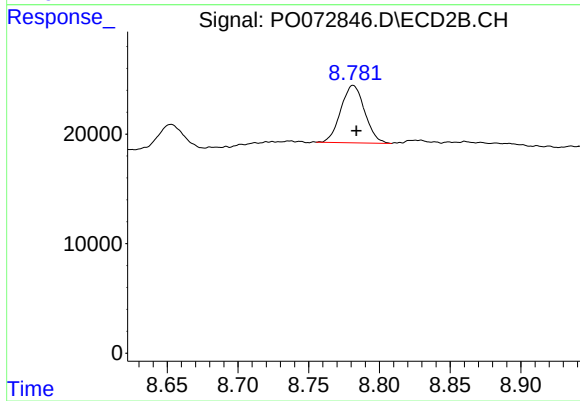
#43 AR-1268-3

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 33002
Conc: 7.84 ng/ml



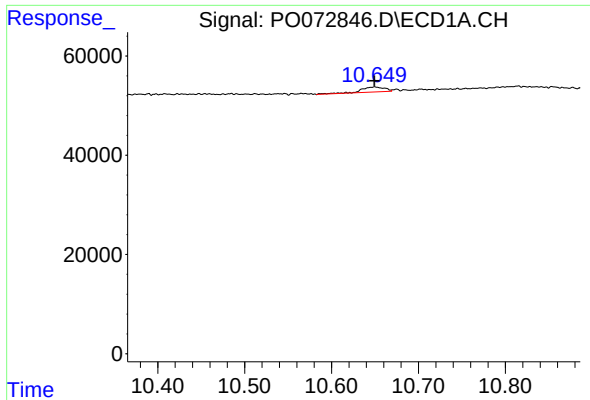
#44 AR-1268-4

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 64751
Conc: 34.25 ng/ml



#44 AR-1268-4

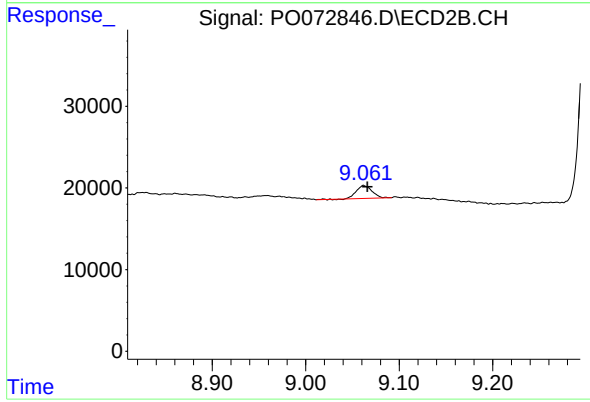
R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 61751
Conc: 33.60 ng/ml



#45 AR-1268-5

R.T.: 10.650 min
Delta R.T.: 0.000 min
Response: 18764
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.062 min
Delta R.T.: -0.004 min
Response: 18576
Conc: 1.43 ng/ml