

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091021\
 Data File : P0081060.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2021 16:54
 Operator : DD\AJ
 Sample : M3686-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 00:59:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 03 07:15:29 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...	4.929	4.055	1673520	523012	21.199	21.164
2)	SA Decachlor...	10.997	9.417	1117873	442426	18.827	18.952
Target Compounds							
3)	L1 AR-1016-1	6.258	0.000	20648	0	7.281	N.D. #
4)	L1 AR-1016-2	6.285	0.000	16892	0	4.233	N.D. #
5)	L1 AR-1016-3	6.359	0.000	23182	0	9.161	N.D. #
6)	L1 AR-1016-4	6.472	5.593	156033	20368	73.648	33.884 #
7)	L1 AR-1016-5	6.770	0.000	26879	0	13.692	N.D. #
9)	L2 AR-1221-2	5.267	4.413	53637	9285	72.963	37.667 #
10)	L2 AR-1221-3	5.373	0.000	23453	0	10.303	N.D. #
11)	L3 AR-1232-1	5.373	0.000	23453	0	13.633	N.D. #
13)	L3 AR-1232-3	6.285	0.000	16892	0	9.333	N.D. #
14)	L3 AR-1232-4	6.472	5.636	156033	23839	161.045	79.045 #
15)	L3 AR-1232-5	6.557	0.000	98416	0	146.921	N.D. #
16)	L4 AR-1242-1	6.258	0.000	20648	0	9.434	N.D. #
17)	L4 AR-1242-2	6.285	0.000	16892	0	5.522	N.D. #
18)	L4 AR-1242-3	6.359	0.000	23182	0	12.112	N.D. #
19)	L4 AR-1242-4	6.472	5.636	156033	23839	101.154	42.136 #
20)	L4 AR-1242-5	7.247	6.207	110702	80356	69.095	110.950 #
21)	L5 AR-1248-1	6.258	0.000	20648	0	11.967	N.D. #
22)	L5 AR-1248-2	6.557	5.593	98416	20368	44.250	24.523 #
23)	L5 AR-1248-3	6.770	5.636	26879	23839	10.157	28.087 #
24)	L5 AR-1248-4	7.208	0.000	58870	0	20.440	N.D. #
25)	L5 AR-1248-5	7.247	6.251	110702	30846	40.254	34.023
26)	L6 AR-1254-1	7.176	6.207	161551	80356	49.988	50.797
27)	L6 AR-1254-2	7.405	6.367	417276	109771	83.842	75.926
28)	L6 AR-1254-3	7.791	6.792	409200	179656	80.928	80.300
29)	L6 AR-1254-4	8.086	7.032	188658	76349	50.483	53.935
30)	L6 AR-1254-5	8.516	7.464	466077	187561	112.672	88.894
31)	L7 AR-1260-1	7.956	6.928	361000	195164	103.854	132.983 #
32)	L7 AR-1260-2	8.224	7.126	614947	176895	137.983	100.777 #
33)	L7 AR-1260-3	8.591	7.284	267562	184922	101.960	101.013
34)	L7 AR-1260-4	8.822	7.769	273571	96171	85.463	81.405
35)	L7 AR-1260-5	9.152	8.019	418454	212835	69.898	75.187
36)	L8 AR-1262-1	8.591	7.464	267562	187561	60.045	176.595 #
37)	L8 AR-1262-2	9.152	8.019	418454	212835	54.606	64.668
38)	L8 AR-1262-3	9.467	8.306	98131	49003	28.790	36.564 #
39)	L8 AR-1262-4	9.541f	8.370	160686	138774	76.740	58.498
40)	L8 AR-1262-5	10.237	8.872	109039	61154	39.346	52.832 #
41)	L9 AR-1268-1	9.467	8.306	98131	49003	10.632	12.967
42)	L9 AR-1268-2	9.541f	8.370	160686	138774	18.795	40.887 #
43)	L9 AR-1268-3	0.000	8.580	0	13940	N.D.	4.719 #

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 Response via : Initial Calibration
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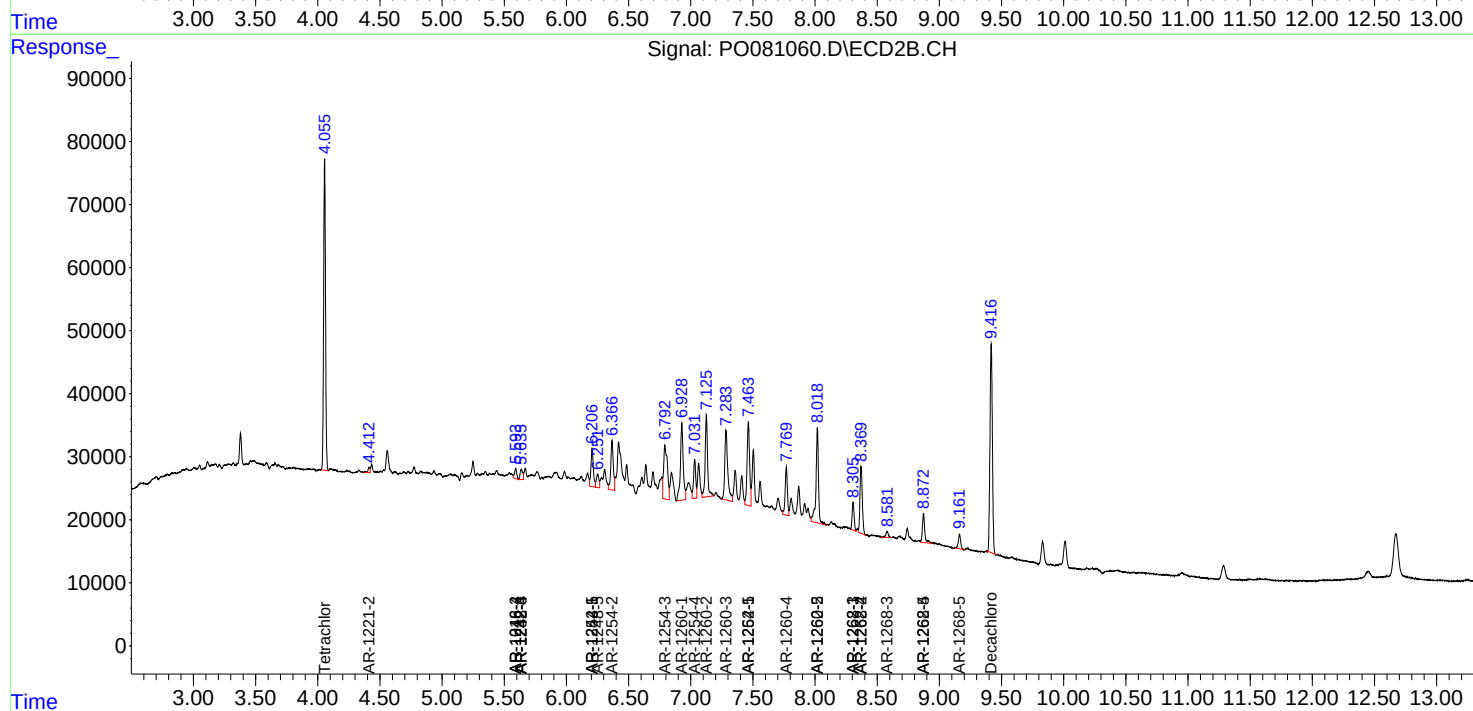
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

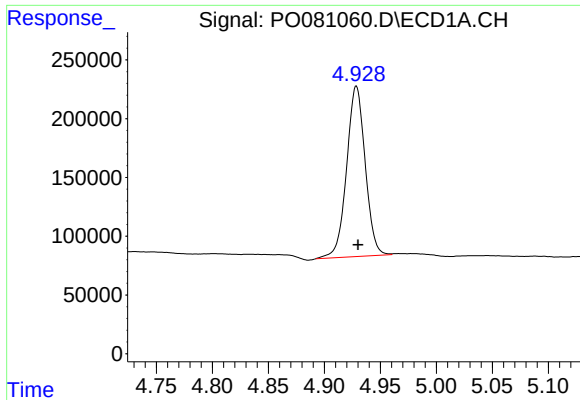
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.237	8.872	109039	61154	34.631	46.475 #
45) L9	AR-1268-5	10.657	9.162	62465	30544	2.771	3.592 #

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

Instrument :
ECD_O
ClientSampleId :

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

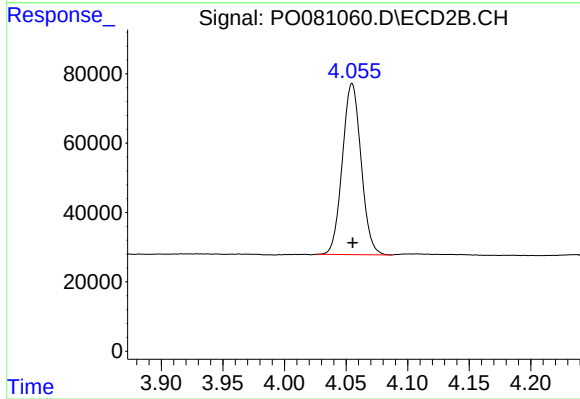




#1 Tetrachloro-m-xylene

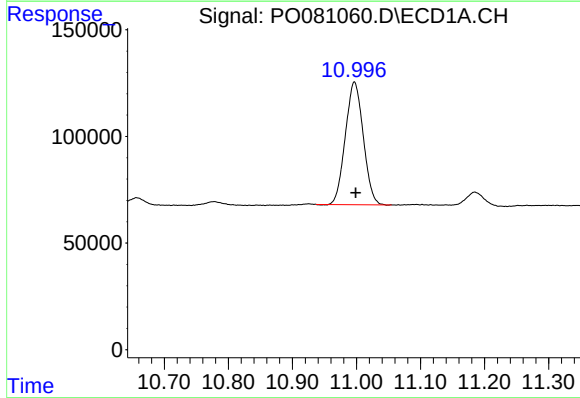
R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 1673520
Conc: 21.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



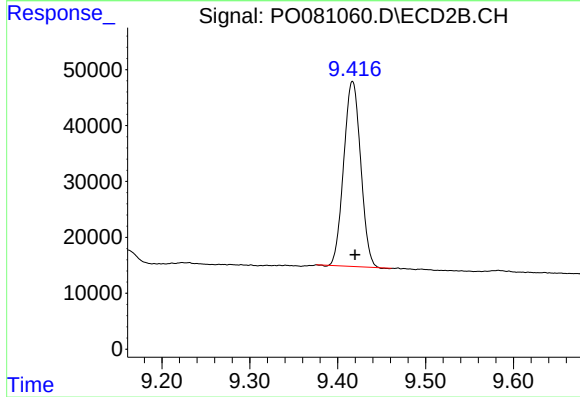
#1 Tetrachloro-m-xylene

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 523012
Conc: 21.16 ng/ml



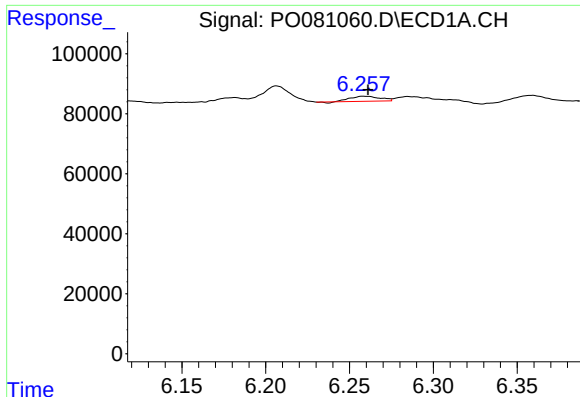
#2 Decachlorobiphenyl

R.T.: 10.997 min
Delta R.T.: -0.002 min
Response: 1117873
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

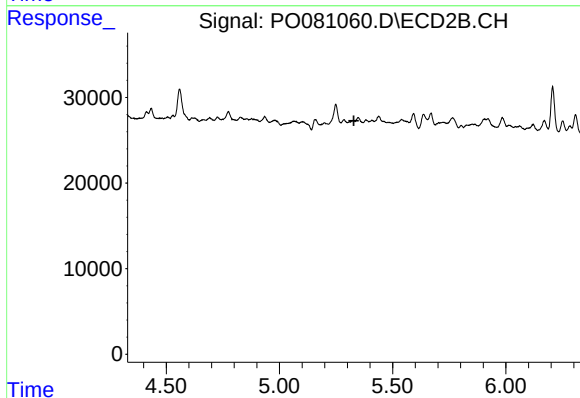
R.T.: 9.417 min
Delta R.T.: -0.003 min
Response: 442426
Conc: 18.95 ng/ml



#3 AR-1016-1

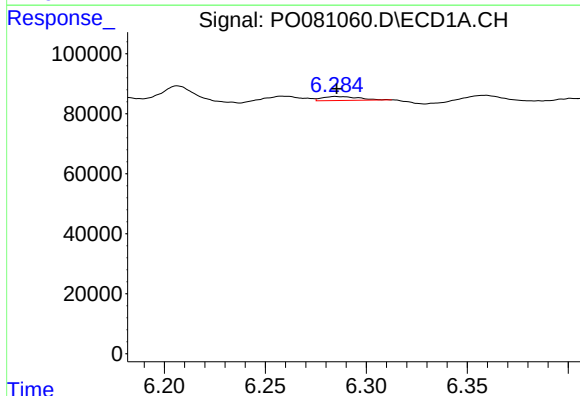
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 20648
Conc: 7.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



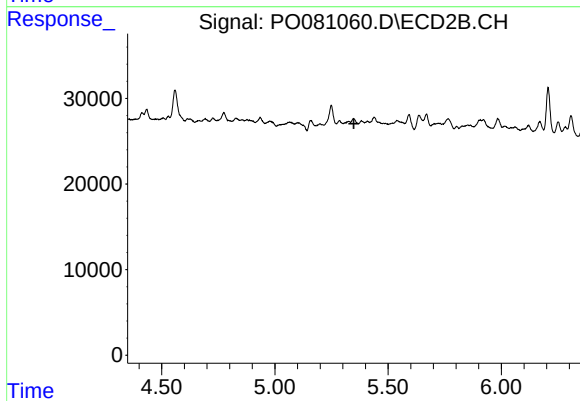
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.329 min
Response: 0
Conc: N.D.



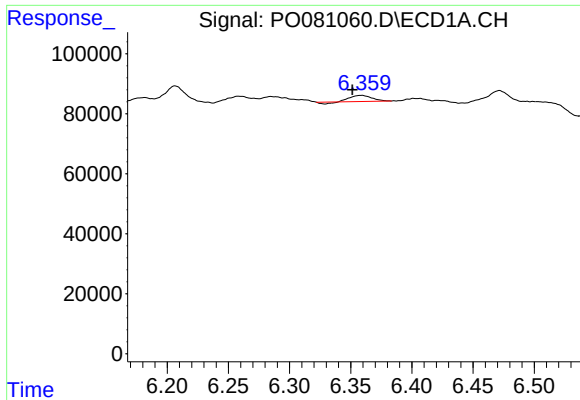
#4 AR-1016-2

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 16892
Conc: 4.23 ng/ml



#4 AR-1016-2

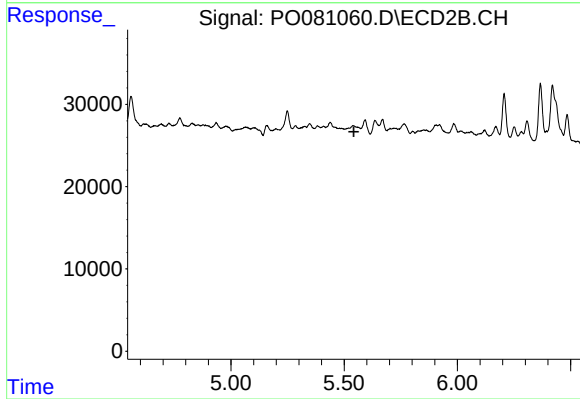
R.T.: 0.000 min
Exp R.T. : 5.349 min
Response: 0
Conc: N.D.



#5 AR-1016-3

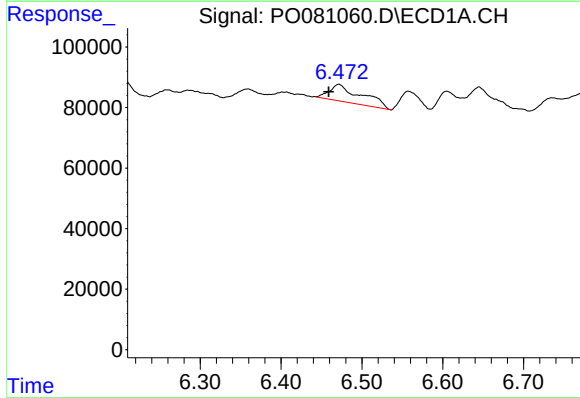
R.T.: 6.359 min
Delta R.T.: 0.008 min
Response: 23182
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



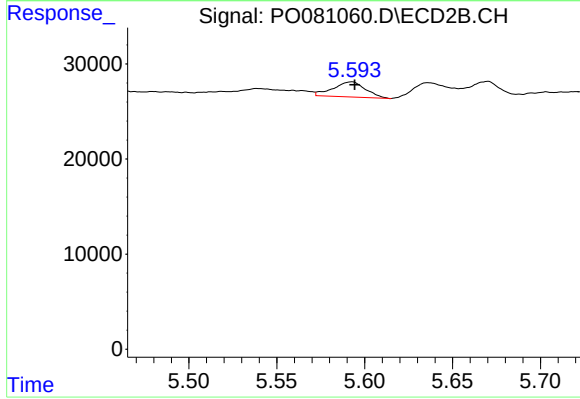
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.543 min
Response: 0
Conc: N.D.



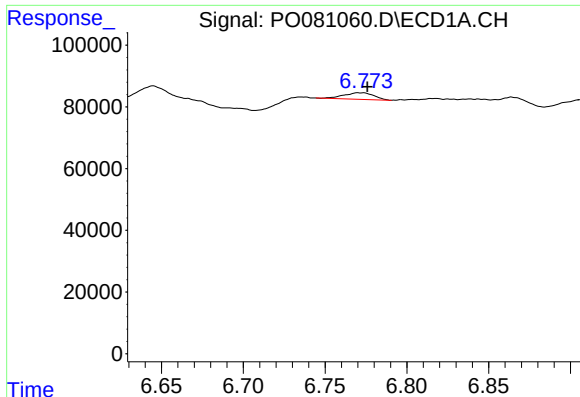
#6 AR-1016-4

R.T.: 6.472 min
Delta R.T.: 0.013 min
Response: 156033
Conc: 73.65 ng/ml



#6 AR-1016-4

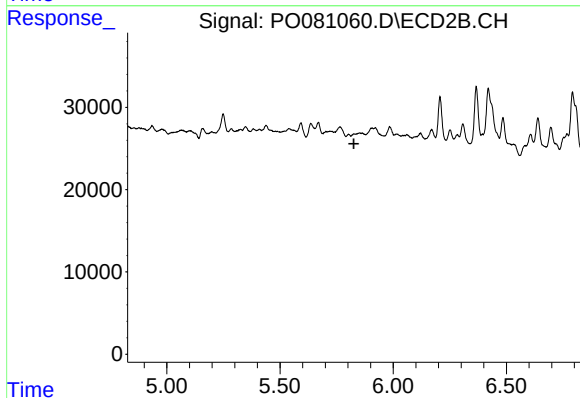
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 20368
Conc: 33.88 ng/ml



#7 AR-1016-5

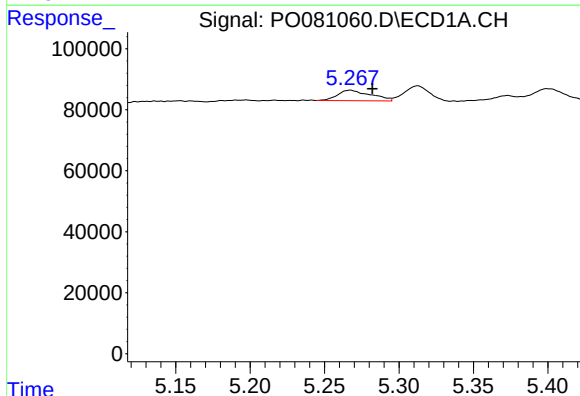
R.T.: 6.770 min
Delta R.T.: -0.006 min
Response: 26879
Conc: 13.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



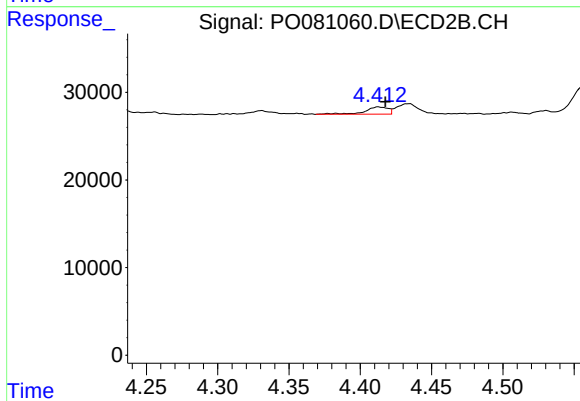
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.826 min
Response: 0
Conc: N.D.



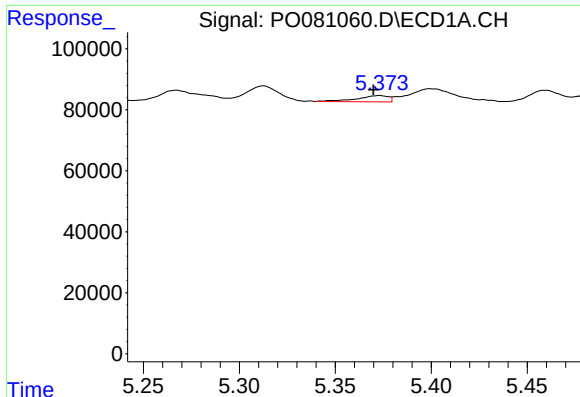
#9 AR-1221-2

R.T.: 5.267 min
Delta R.T.: -0.015 min
Response: 53637
Conc: 72.96 ng/ml



#9 AR-1221-2

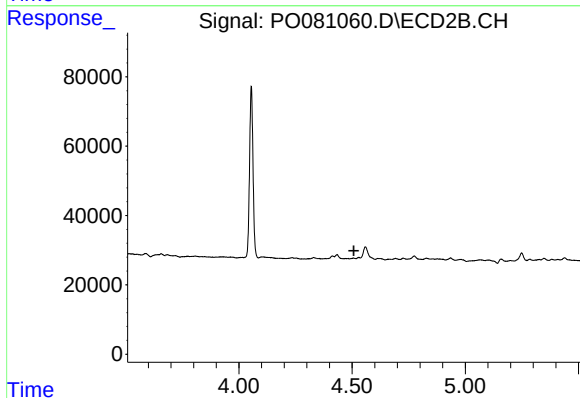
R.T.: 4.413 min
Delta R.T.: -0.005 min
Response: 9285
Conc: 37.67 ng/ml



#10 AR-1221-3

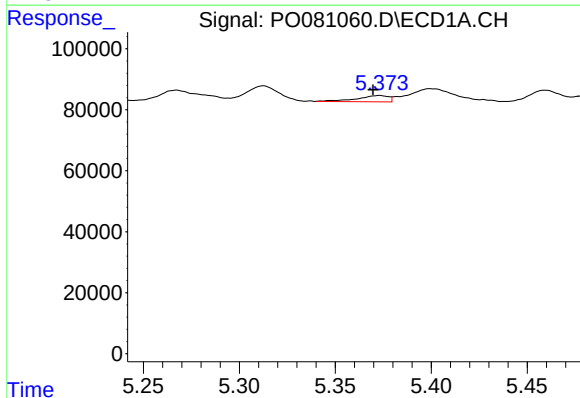
R.T.: 5.373 min
Delta R.T.: 0.003 min
Response: 23453
Conc: 10.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



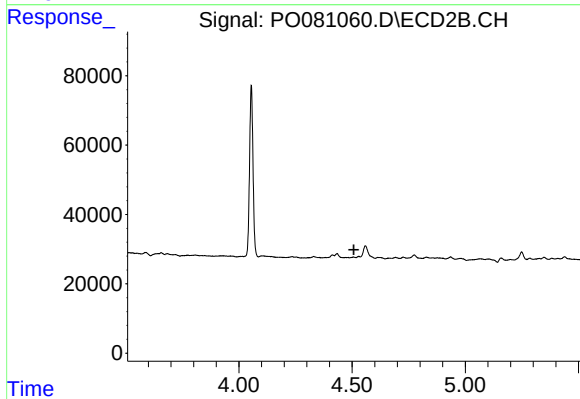
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.508 min
Response: 0
Conc: N.D.



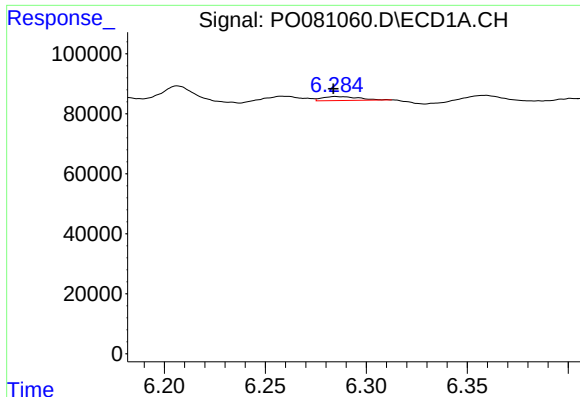
#11 AR-1232-1

R.T.: 5.373 min
Delta R.T.: 0.004 min
Response: 23453
Conc: 13.63 ng/ml



#11 AR-1232-1

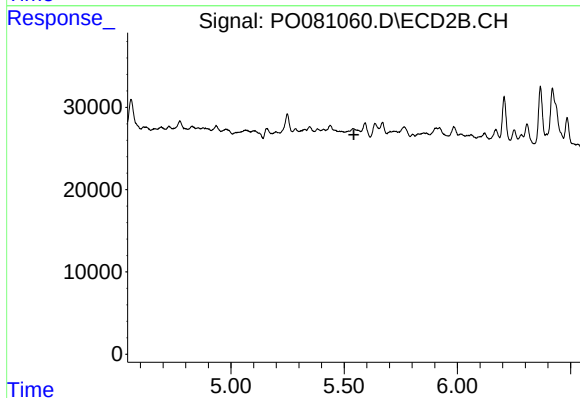
R.T.: 0.000 min
Exp R.T. : 4.508 min
Response: 0
Conc: N.D.



#13 AR-1232-3

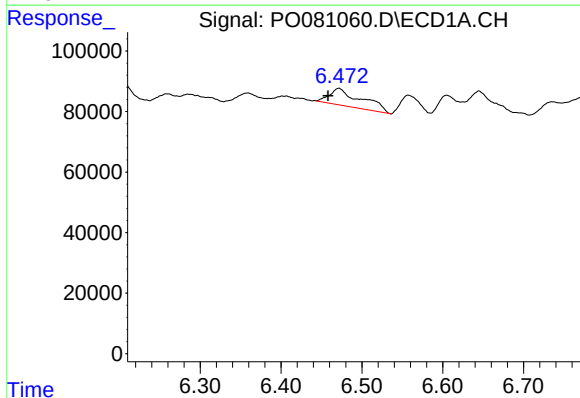
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 16892
Conc: 9.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



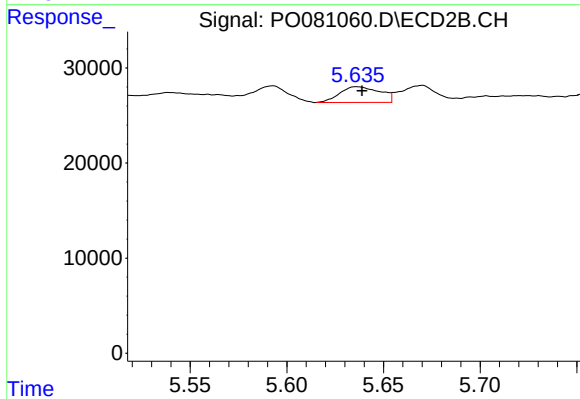
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.543 min
Response: 0
Conc: N.D.



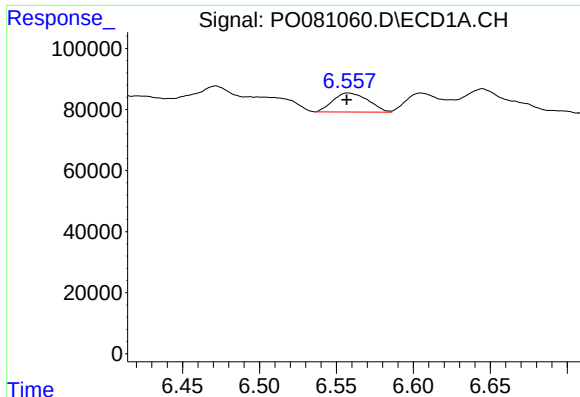
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: 0.014 min
Response: 156033
Conc: 161.04 ng/ml



#14 AR-1232-4

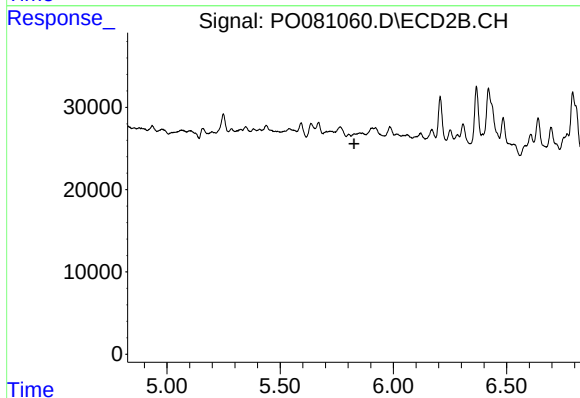
R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 23839
Conc: 79.04 ng/ml



#15 AR-1232-5

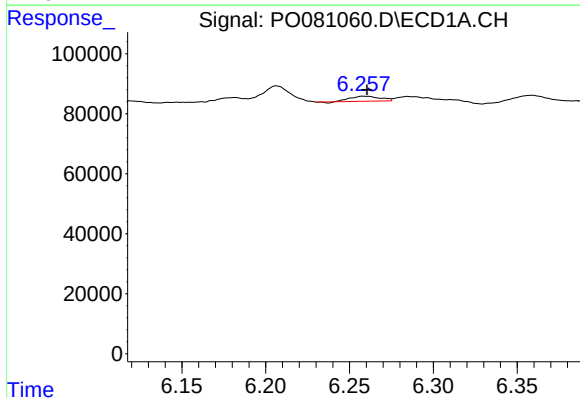
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 98416
Conc: 146.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



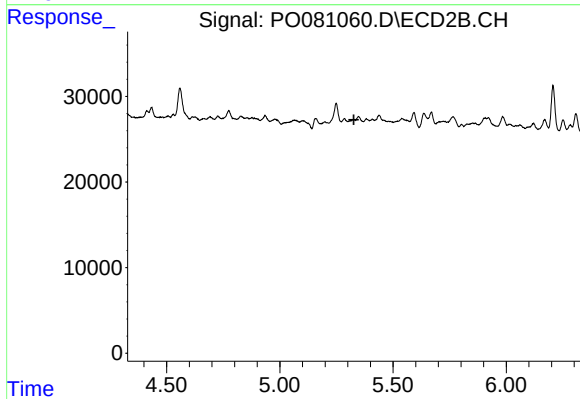
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.826 min
Response: 0
Conc: N.D.



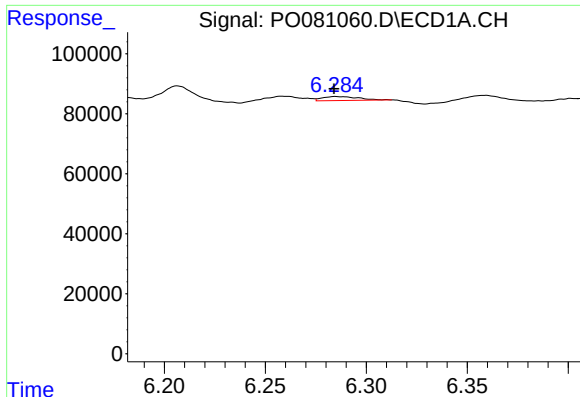
#16 AR-1242-1

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 20648
Conc: 9.43 ng/ml



#16 AR-1242-1

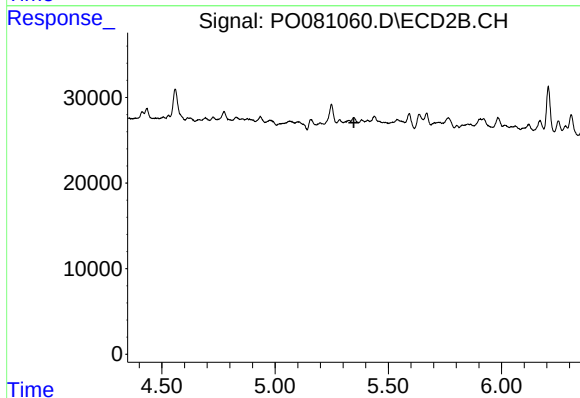
R.T.: 0.000 min
Exp R.T. : 5.327 min
Response: 0
Conc: N.D.



#17 AR-1242-2

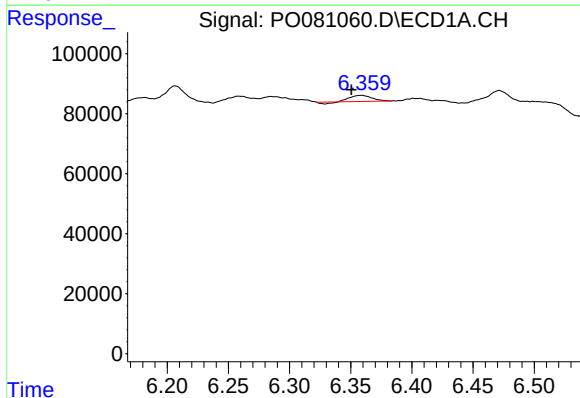
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 16892
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



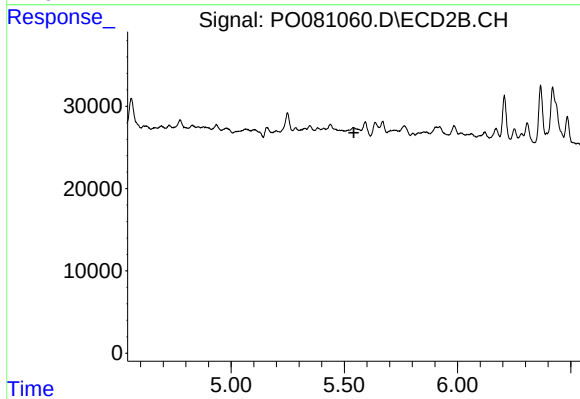
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



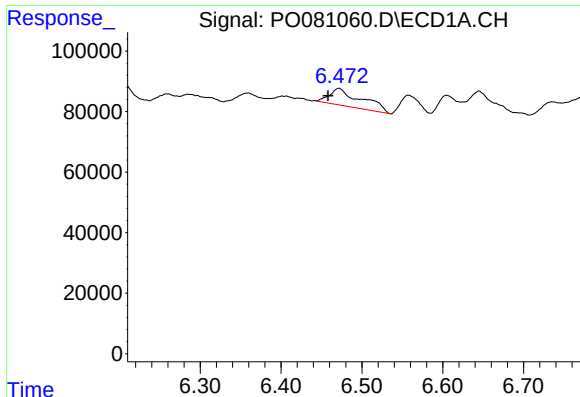
#18 AR-1242-3

R.T.: 6.359 min
Delta R.T.: 0.009 min
Response: 23182
Conc: 12.11 ng/ml



#18 AR-1242-3

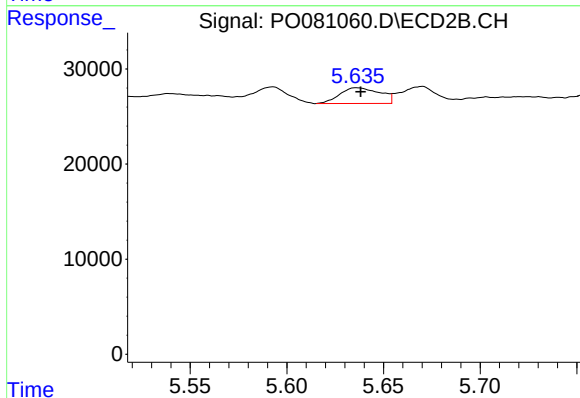
R.T.: 0.000 min
Exp R.T. : 5.542 min
Response: 0
Conc: N.D.



#19 AR-1242-4

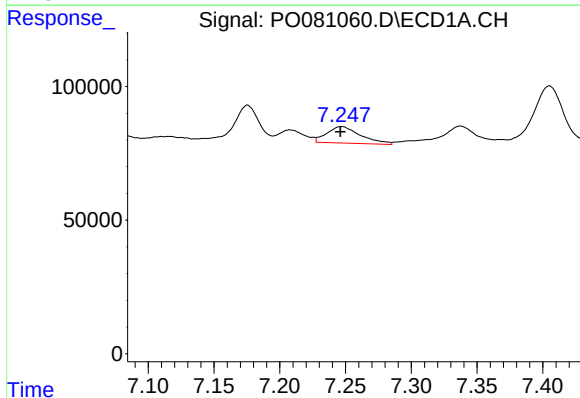
R.T.: 6.472 min
Delta R.T.: 0.013 min
Response: 156033
Conc: 101.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



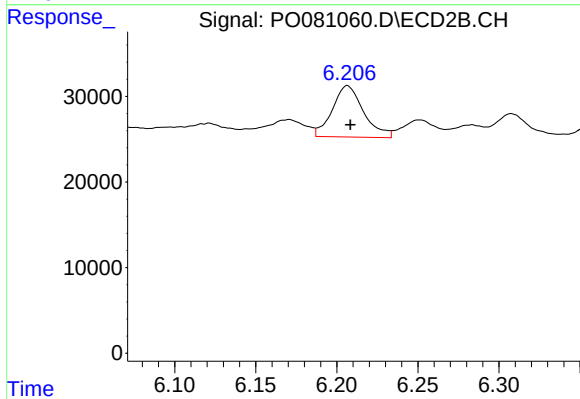
#19 AR-1242-4

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 23839
Conc: 42.14 ng/ml



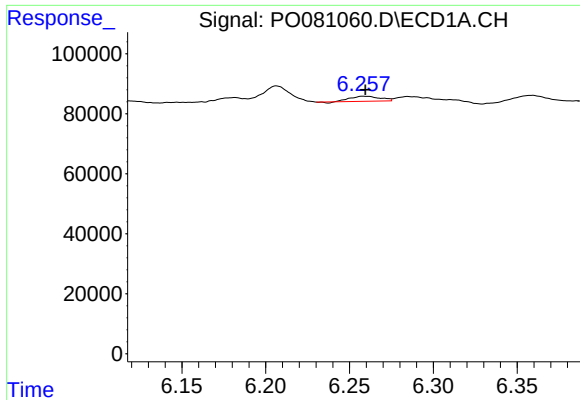
#20 AR-1242-5

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 110702
Conc: 69.10 ng/ml



#20 AR-1242-5

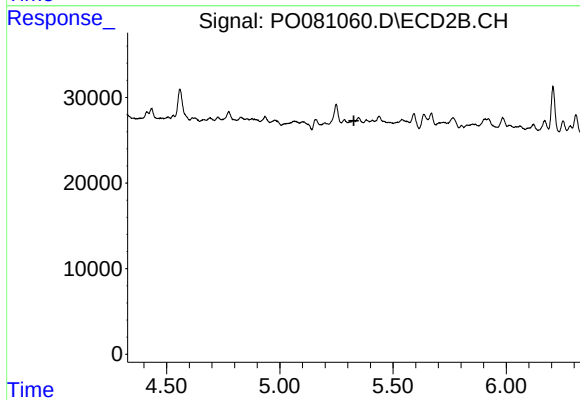
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 80356
Conc: 110.95 ng/ml



#21 AR-1248-1

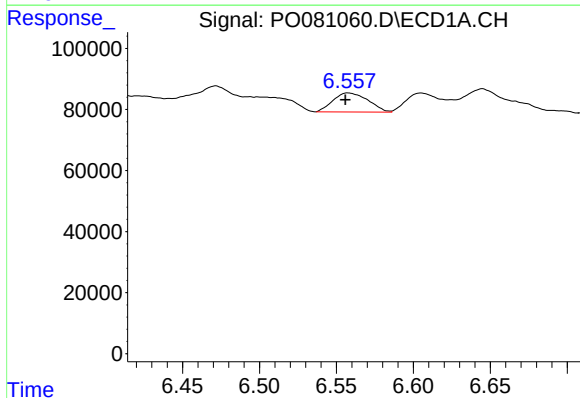
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 20648
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



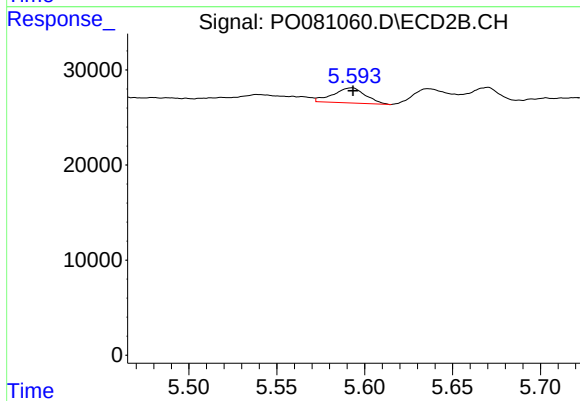
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.327 min
Response: 0
Conc: N.D.



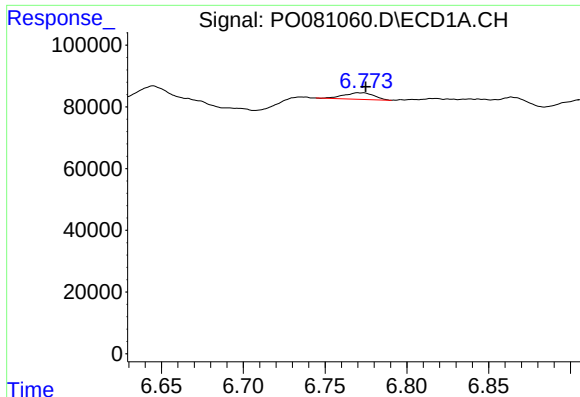
#22 AR-1248-2

R.T.: 6.557 min
Delta R.T.: 0.001 min
Response: 98416
Conc: 44.25 ng/ml



#22 AR-1248-2

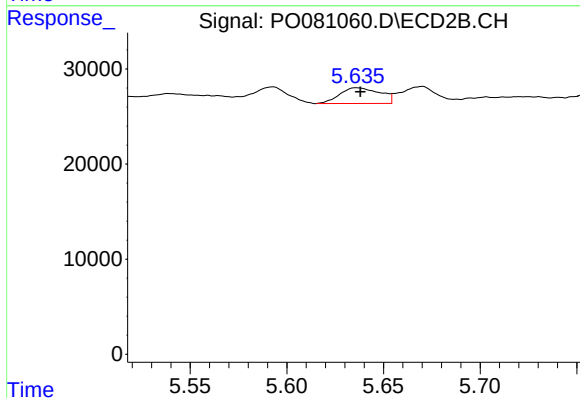
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 20368
Conc: 24.52 ng/ml



#23 AR-1248-3

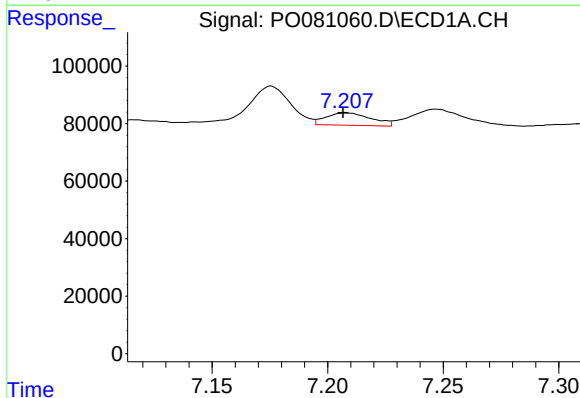
R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 26879
Conc: 10.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



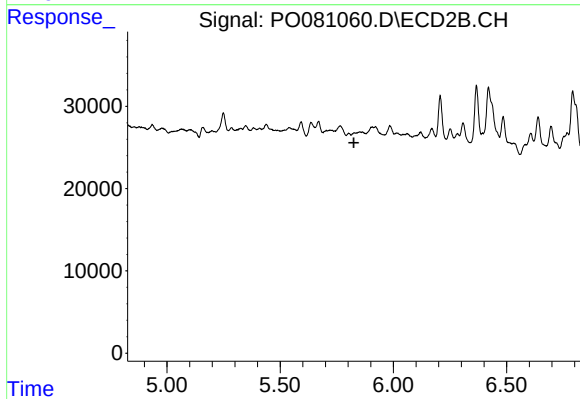
#23 AR-1248-3

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 23839
Conc: 28.09 ng/ml



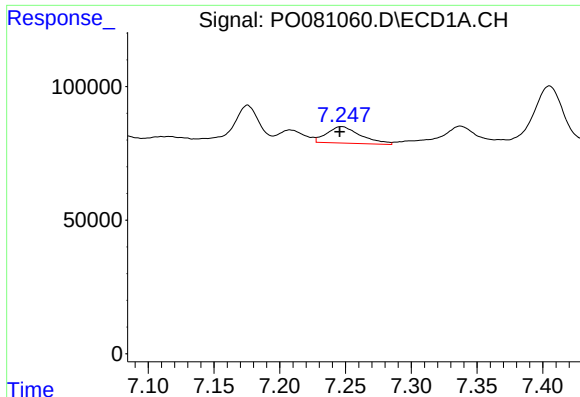
#24 AR-1248-4

R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 58870
Conc: 20.44 ng/ml



#24 AR-1248-4

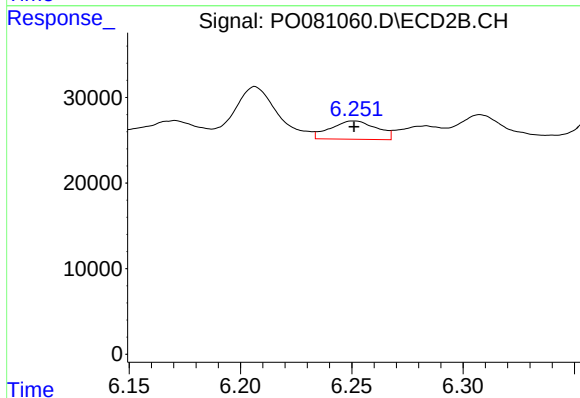
R.T.: 0.000 min
Exp R.T.: 5.825 min
Response: 0
Conc: N.D.



#25 AR-1248-5

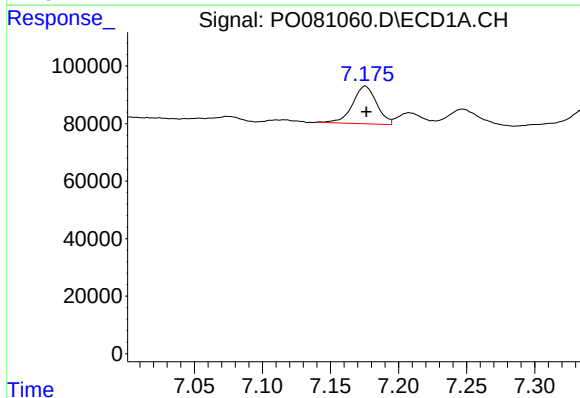
R.T.: 7.247 min
Delta R.T.: 0.001 min
Response: 110702
Conc: 40.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



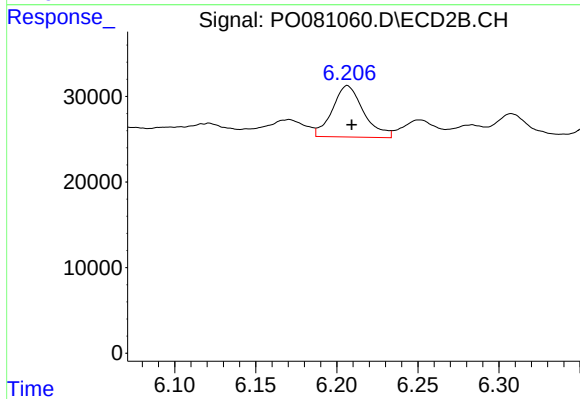
#25 AR-1248-5

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 30846
Conc: 34.02 ng/ml



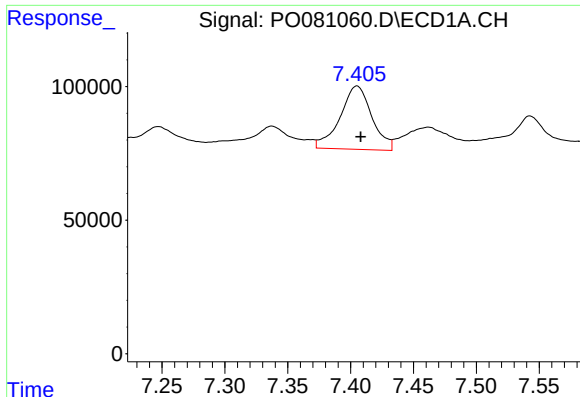
#26 AR-1254-1

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 161551
Conc: 49.99 ng/ml



#26 AR-1254-1

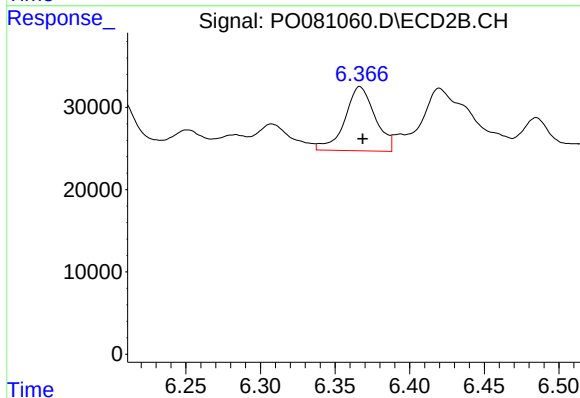
R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 80356
Conc: 50.80 ng/ml



#27 AR-1254-2

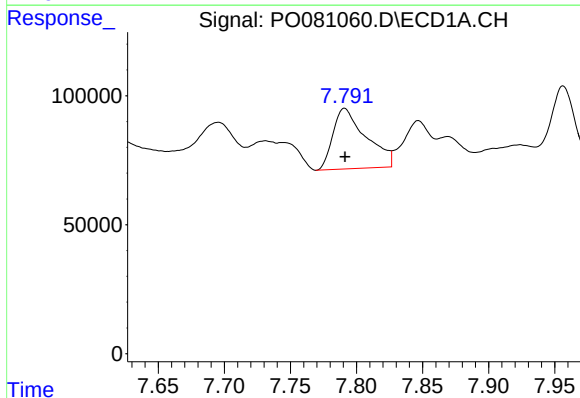
R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 417276
Conc: 83.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



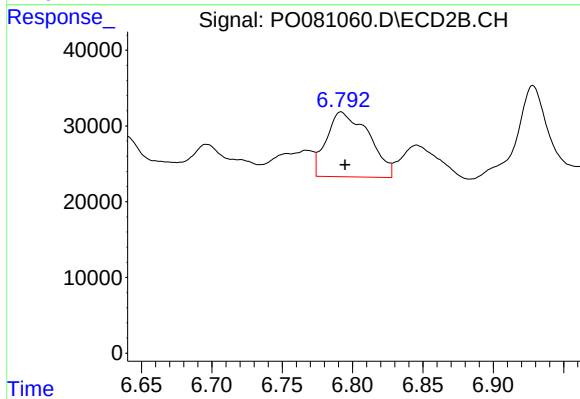
#27 AR-1254-2

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 109771
Conc: 75.93 ng/ml



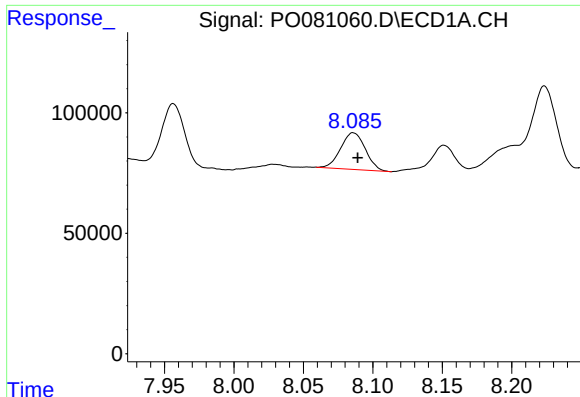
#28 AR-1254-3

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 409200
Conc: 80.93 ng/ml



#28 AR-1254-3

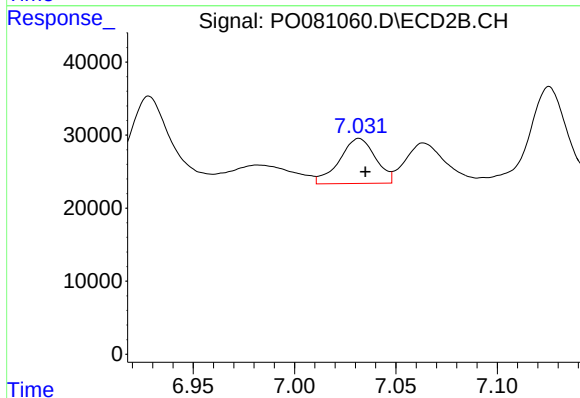
R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 179656
Conc: 80.30 ng/ml



#29 AR-1254-4

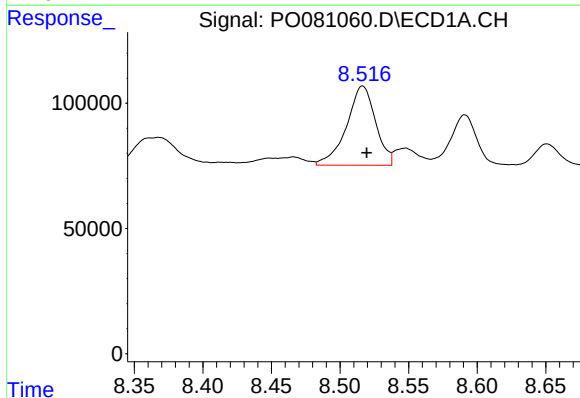
R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 188658
Conc: 50.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



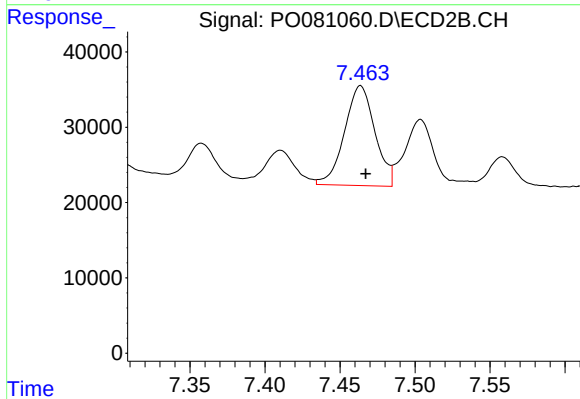
#29 AR-1254-4

R.T.: 7.032 min
Delta R.T.: -0.003 min
Response: 76349
Conc: 53.93 ng/ml



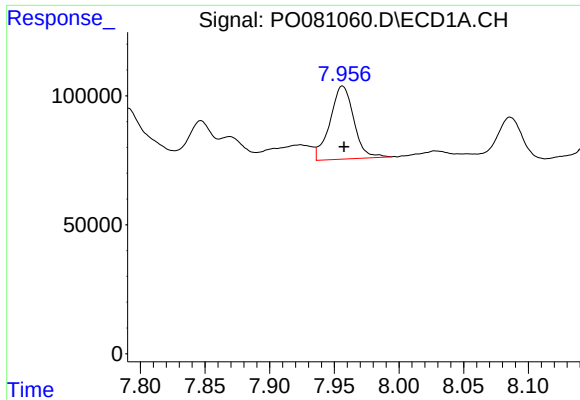
#30 AR-1254-5

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 466077
Conc: 112.67 ng/ml



#30 AR-1254-5

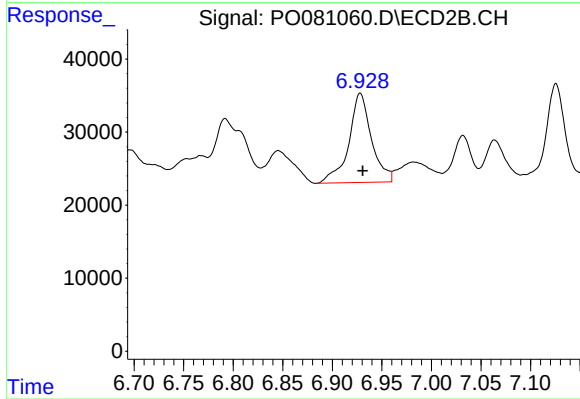
R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 187561
Conc: 88.89 ng/ml



#31 AR-1260-1

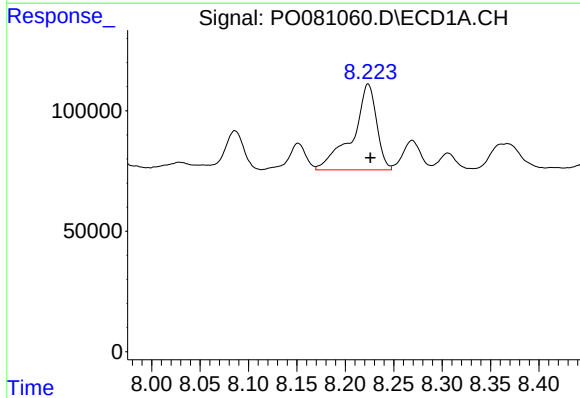
R.T.: 7.956 min
Delta R.T.: -0.001 min
Response: 361000
Conc: 103.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



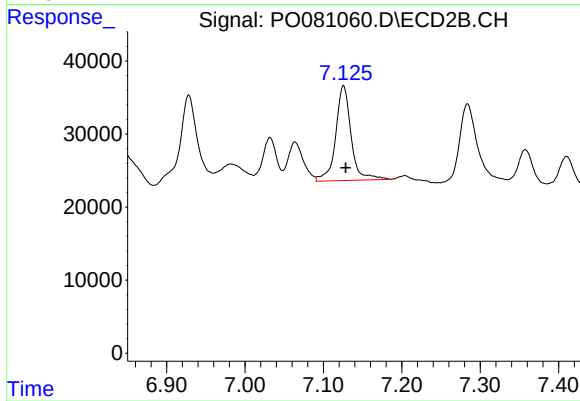
#31 AR-1260-1

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 195164
Conc: 132.98 ng/ml



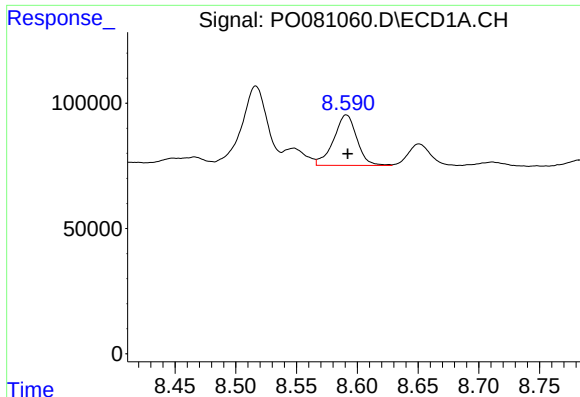
#32 AR-1260-2

R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 614947
Conc: 137.98 ng/ml



#32 AR-1260-2

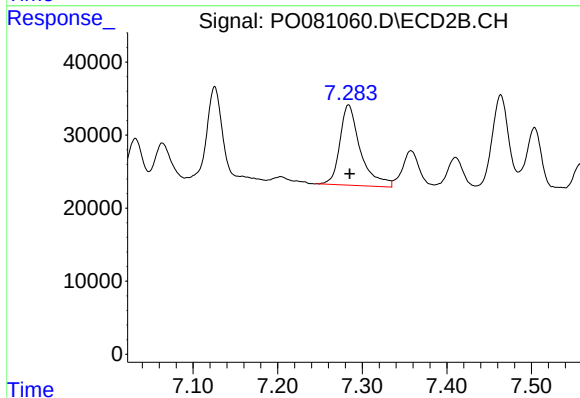
R.T.: 7.126 min
Delta R.T.: -0.003 min
Response: 176895
Conc: 100.78 ng/ml



#33 AR-1260-3

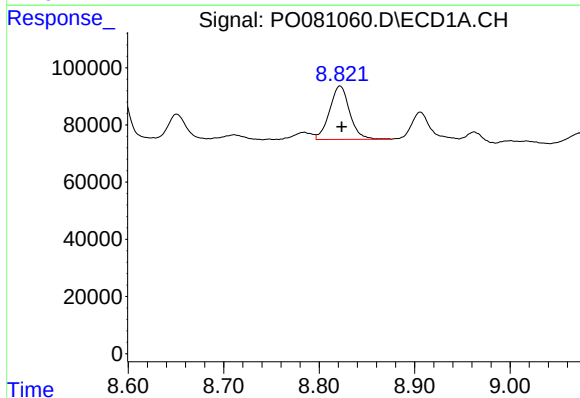
R.T.: 8.591 min
Delta R.T.: -0.001 min
Response: 267562
Conc: 101.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



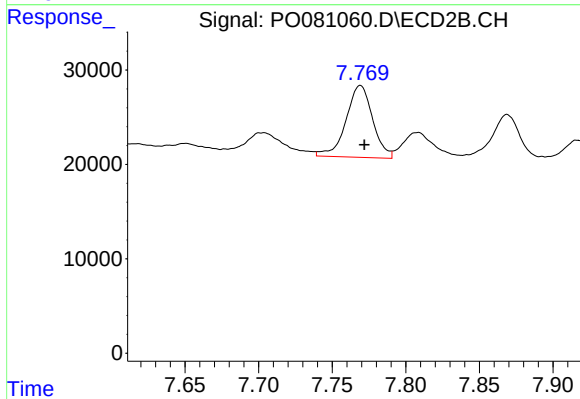
#33 AR-1260-3

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 184922
Conc: 101.01 ng/ml



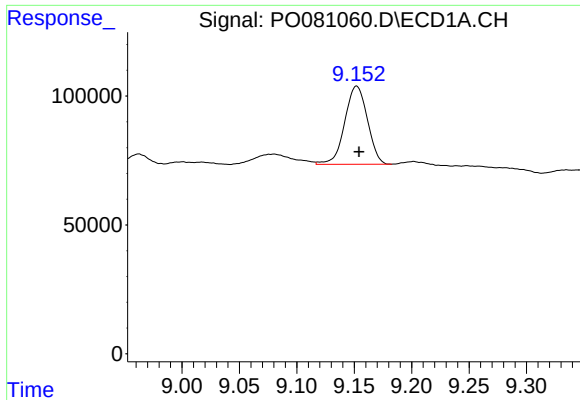
#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: -0.002 min
Response: 273571
Conc: 85.46 ng/ml



#34 AR-1260-4

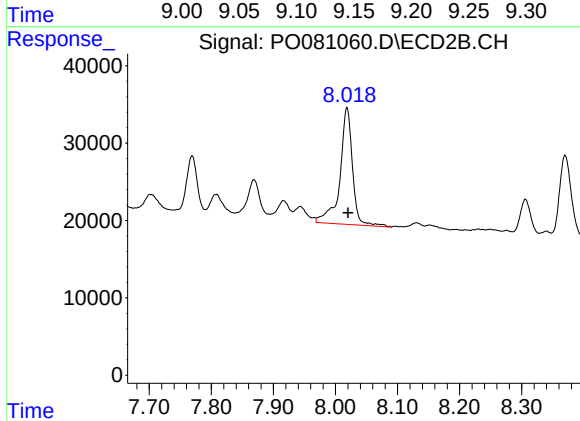
R.T.: 7.769 min
Delta R.T.: -0.003 min
Response: 96171
Conc: 81.40 ng/ml



#35 AR-1260-5

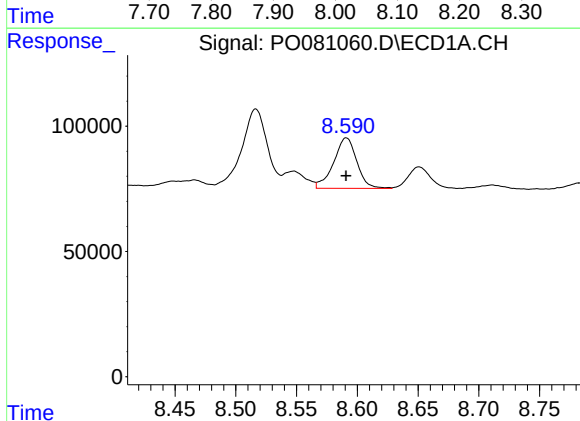
R.T.: 9.152 min
Delta R.T.: -0.002 min
Response: 418454
Conc: 69.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



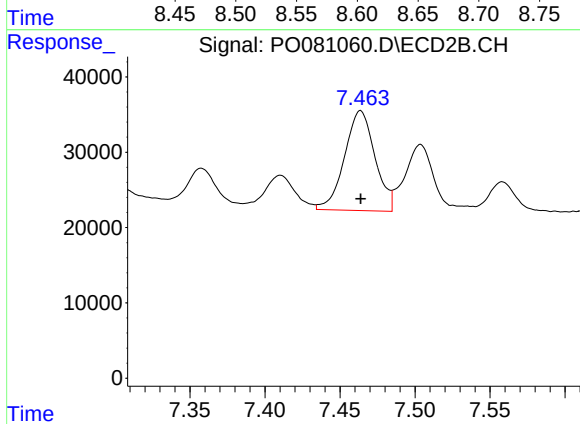
#35 AR-1260-5

R.T.: 8.019 min
Delta R.T.: -0.002 min
Response: 212835
Conc: 75.19 ng/ml



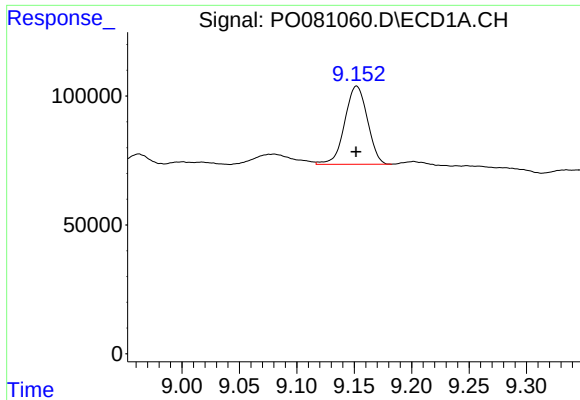
#36 AR-1262-1

R.T.: 8.591 min
Delta R.T.: 0.000 min
Response: 267562
Conc: 60.05 ng/ml



#36 AR-1262-1

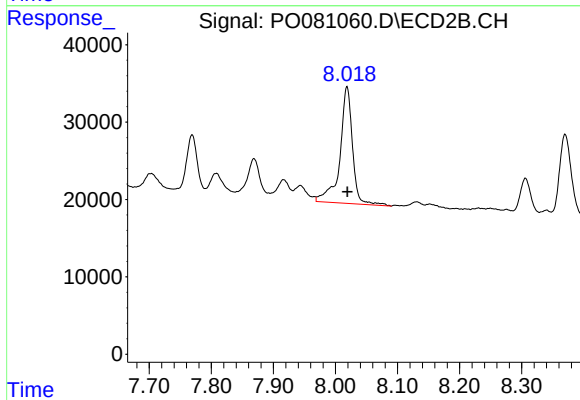
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 187561
Conc: 176.59 ng/ml



#37 AR-1262-2

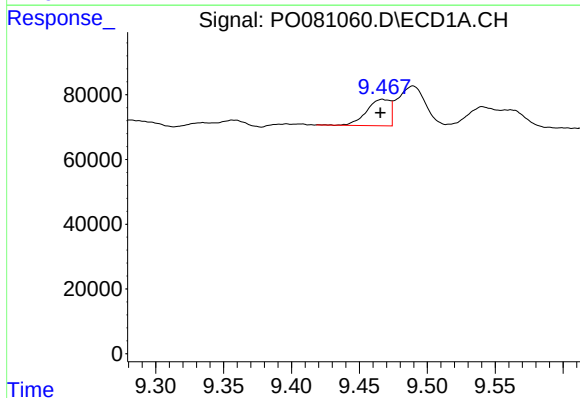
R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 418454
Conc: 54.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



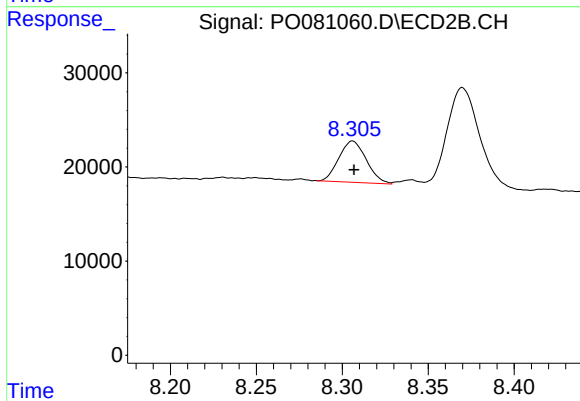
#37 AR-1262-2

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 212835
Conc: 64.67 ng/ml



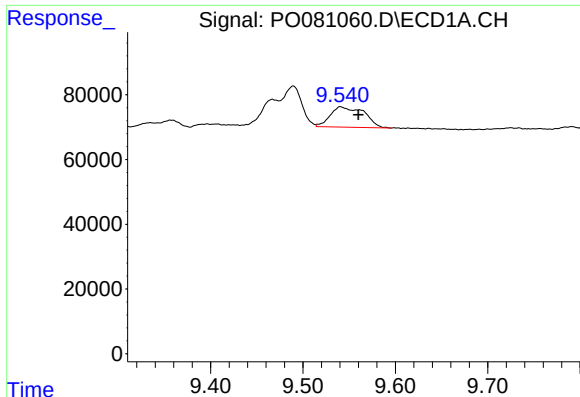
#38 AR-1262-3

R.T.: 9.467 min
Delta R.T.: 0.002 min
Response: 98131
Conc: 28.79 ng/ml



#38 AR-1262-3

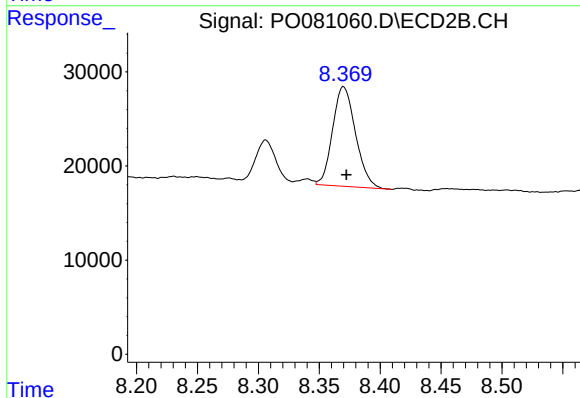
R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 49003
Conc: 36.56 ng/ml



#39 AR-1262-4

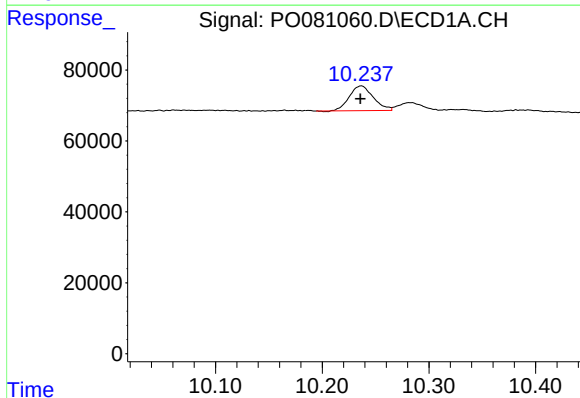
R.T.: 9.541 min
Delta R.T.: -0.019 min
Response: 160686
Conc: 76.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



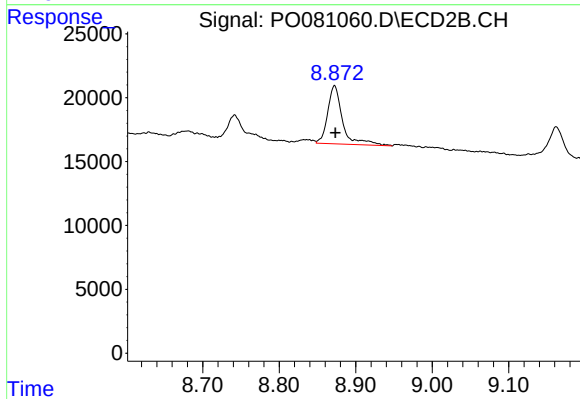
#39 AR-1262-4

R.T.: 8.370 min
Delta R.T.: -0.002 min
Response: 138774
Conc: 58.50 ng/ml



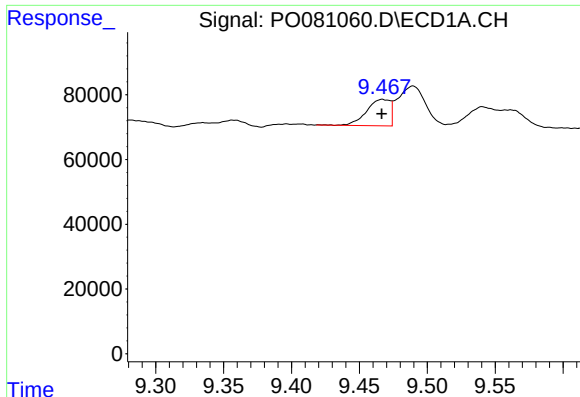
#40 AR-1262-5

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 109039
Conc: 39.35 ng/ml



#40 AR-1262-5

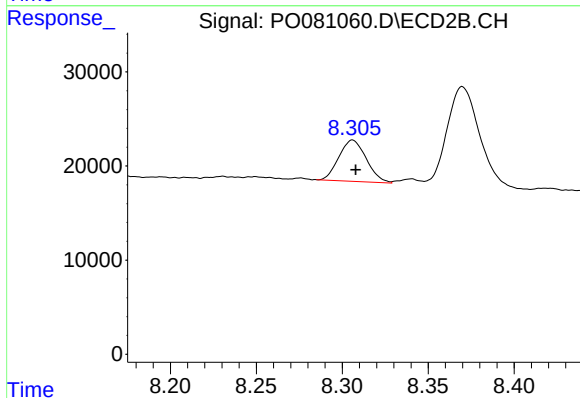
R.T.: 8.872 min
Delta R.T.: -0.001 min
Response: 61154
Conc: 52.83 ng/ml



#41 AR-1268-1

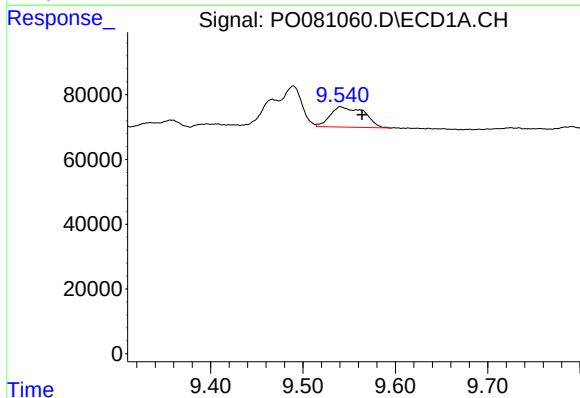
R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 98131
Conc: 10.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



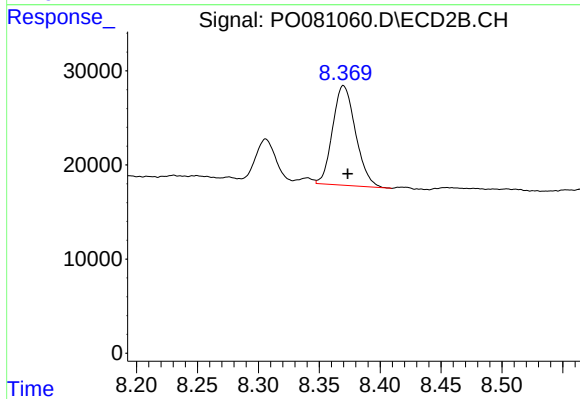
#41 AR-1268-1

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 49003
Conc: 12.97 ng/ml



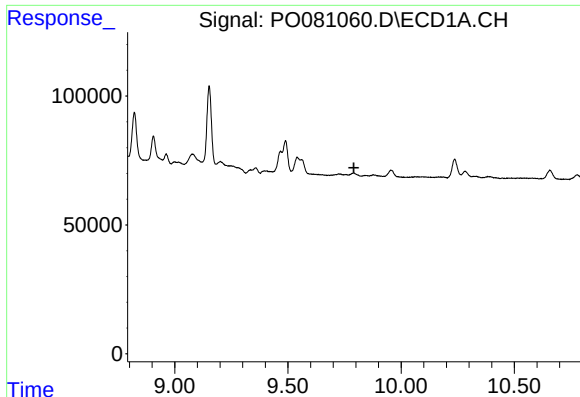
#42 AR-1268-2

R.T.: 9.541 min
Delta R.T.: -0.023 min
Response: 160686
Conc: 18.79 ng/ml



#42 AR-1268-2

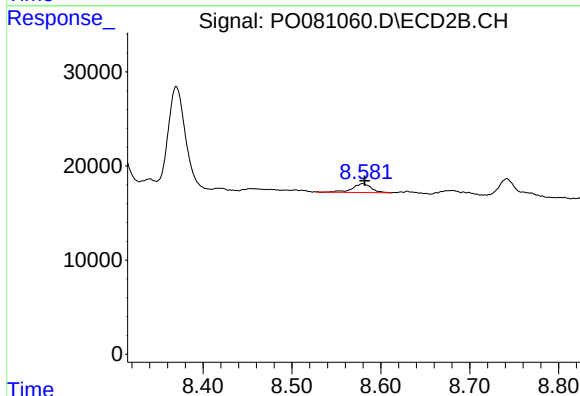
R.T.: 8.370 min
Delta R.T.: -0.003 min
Response: 138774
Conc: 40.89 ng/ml



#43 AR-1268-3

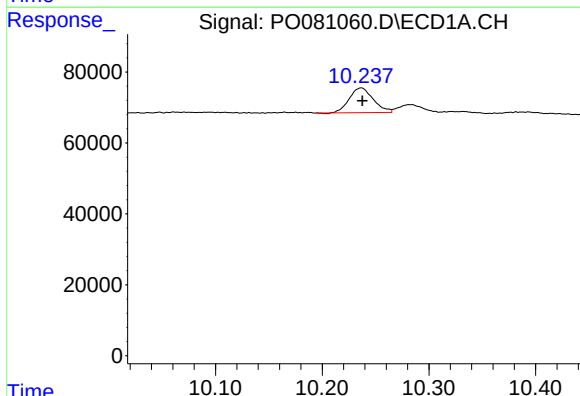
R.T.: 0.000 min
Exp R.T.: 9.791 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



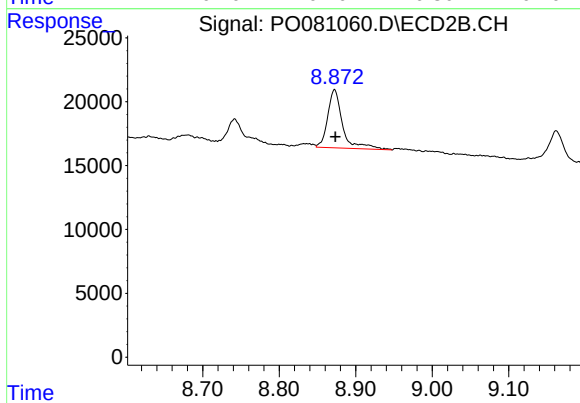
#43 AR-1268-3

R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 13940
Conc: 4.72 ng/ml



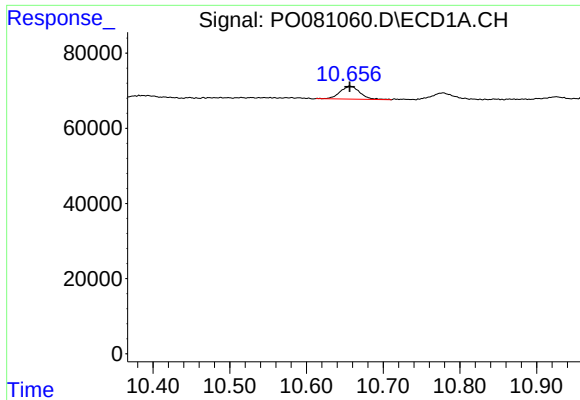
#44 AR-1268-4

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 109039
Conc: 34.63 ng/ml



#44 AR-1268-4

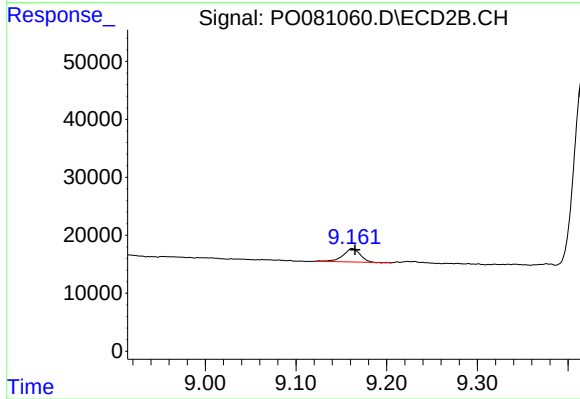
R.T.: 8.872 min
Delta R.T.: -0.001 min
Response: 61154
Conc: 46.47 ng/ml



#45 AR-1268-5

R.T.: 10.657 min
Delta R.T.: 0.000 min
Response: 62465
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.162 min
Delta R.T.: -0.003 min
Response: 30544
Conc: 3.59 ng/ml