

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061521\
 Data File : P0078786.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jun 2021 9:25
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 16:37:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 14 05:33:30 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...	4.334	3.606	4145492	1619320	48.963	46.777
2)	SA Decachlor...	9.943	8.790	2863717	1436070	48.799	46.188
Target Compounds							
3)	L1 AR-1016-1	5.631	4.832	793769	325929	310.904	288.295
4)	L1 AR-1016-2	5.653	4.851	1035357	360929	265.707	217.886
5)	L1 AR-1016-3	5.716	5.040	607429	222033	257.803	258.587
6)	L1 AR-1016-4	5.820	5.092	629008	473217	333.060	626.653 #
7)	L1 AR-1016-5	6.132	5.315	1262571	546345	704.679	599.674
8)	L2 AR-1221-1	4.584	0.000	20178	0	22.423	N.D. #
9)	L2 AR-1221-2	4.677	3.950	65653	27163	98.950	94.747
10)	L2 AR-1221-3	4.765	4.040	96434	43934	45.250	48.569
11)	L3 AR-1232-1	4.765	4.040	96434	43934	57.927	61.172
12)	L3 AR-1232-2	5.339	4.851	381670	360929	465.730	512.490
13)	L3 AR-1232-3	5.653	5.040	1035357	222033	648.964	635.314
14)	L3 AR-1232-4	5.820	5.134	629008	470568	839.184	1444.402 #
15)	L3 AR-1232-5	5.921	5.315	1088235	546345	2082.476	1556.743 #
16)	L4 AR-1242-1	5.631	4.832	793769	325929	402.939	372.441
17)	L4 AR-1242-2	5.653	4.851	1035357	360929	342.955	279.165
18)	L4 AR-1242-3	5.716	5.040	607429	222033	332.726	327.084
19)	L4 AR-1242-4	5.820	5.134	629008	470568	426.736	674.116 #
20)	L4 AR-1242-5	6.593	5.689	1318399	760192	876.722	849.734
21)	L5 AR-1248-1	5.631	4.832	793769	325929	516.729	481.354
22)	L5 AR-1248-2	5.921	5.092	1088235	473217	521.492	469.179
23)	L5 AR-1248-3	6.132	5.134	1262571	470568	514.386	471.476
24)	L5 AR-1248-4	6.556	5.315	1354516	546345	517.264	461.958
25)	L5 AR-1248-5	6.593	5.731	1318399	531495	521.751	482.126
26)	L6 AR-1254-1	6.524	5.689	1065061	760192	388.547	430.274
27)	L6 AR-1254-2	6.754	5.847	1295438	236465	306.278	145.947 #
28)	L6 AR-1254-3	7.127	6.260	764411	358399	175.572	147.422
29)	L6 AR-1254-4	7.421	6.498	471490	229641	153.161	153.367
30)	L6 AR-1254-5	7.843	6.920	117614	76577	34.121	33.359
31)	L7 AR-1260-1	7.292	6.403	76182	172581	24.233	102.710 #
32)	L7 AR-1260-2	7.555	6.591	127095	34196	34.378	16.969 #
33)	L7 AR-1260-3	7.915	6.740	37067	51067	13.070	26.178 #
34)	L7 AR-1260-4	8.134	0.000	66104	0	20.926	N.D. #
35)	L7 AR-1260-5	8.456	7.466	52002	30589	8.521	8.314
36)	L8 AR-1262-1	7.915	6.920	37067	76577	8.949	64.341 #
37)	L8 AR-1262-2	8.456	7.466	52002	30589	7.526	7.742
38)	L8 AR-1262-3	8.745f	0.000	34457	0	7.282	N.D. #
39)	L8 AR-1262-4	8.806	7.809	33703	28152	9.315	9.246
40)	L8 AR-1262-5	9.351	0.000	22280	0	9.118	N.D. #
41)	L9 AR-1268-1	8.745f	0.000	34457	0	4.382	N.D. #

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 Acq On : 15 Jun 2021 9:25
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

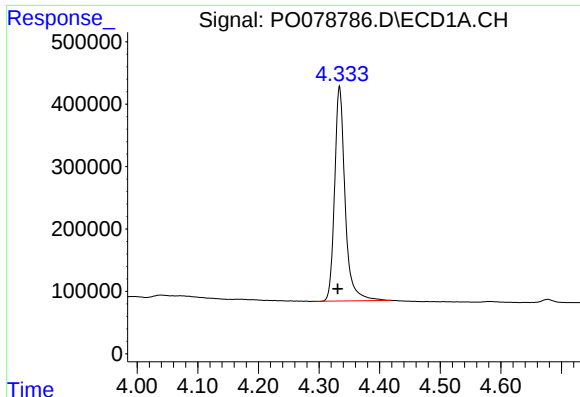
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 16:37:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061321.M
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Volume Inj. : 2 µl
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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
42) L9	AR-1268-2	8.806	7.809	33703	28152	4.669	7.085 #
43) L9	AR-1268-3	8.987	0.000	12847	0	2.077	N.D. #
44) L9	AR-1268-4	9.351	0.000	22280	0	8.656	N.D. #
45) L9	AR-1268-5	9.679	0.000	28922	0	1.468	N.D. #

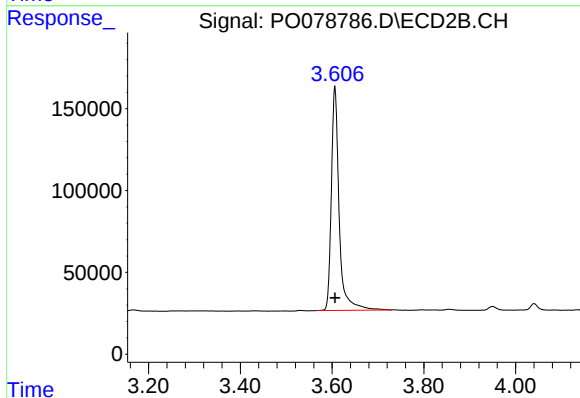
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

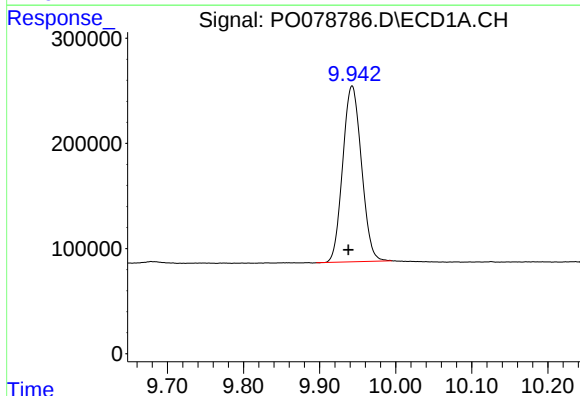
R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 4145492
Conc: 48.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



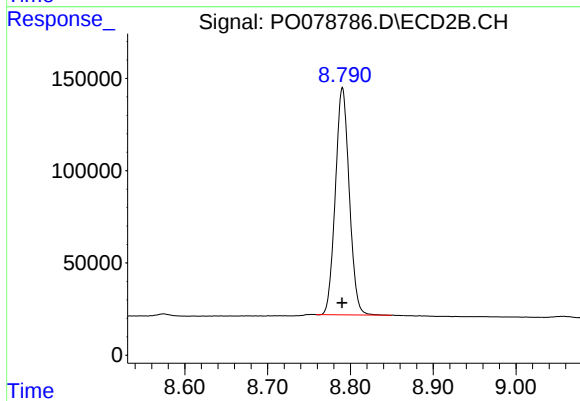
#1 Tetrachloro-m-xylene

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 1619320
Conc: 46.78 ng/ml



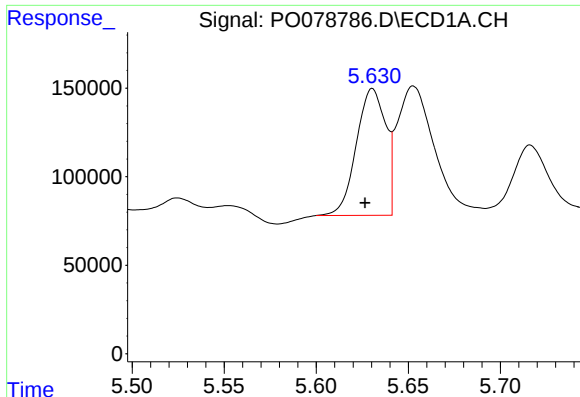
#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.005 min
Response: 2863717
Conc: 48.80 ng/ml



#2 Decachlorobiphenyl

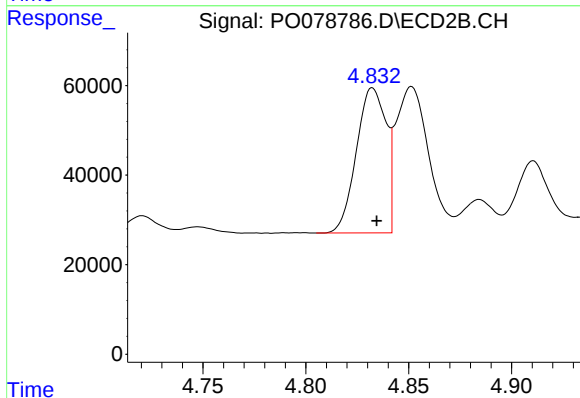
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 1436070
Conc: 46.19 ng/ml



#3 AR-1016-1

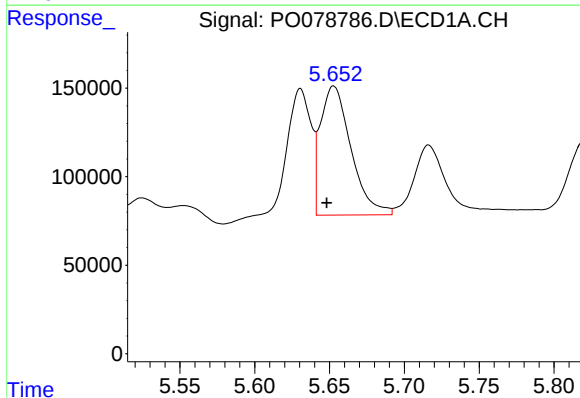
R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 793769
Conc: 310.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



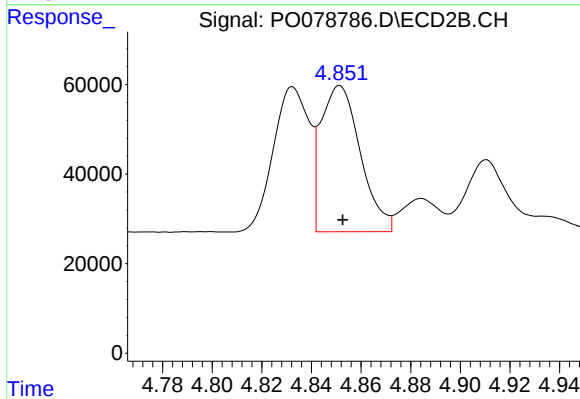
#3 AR-1016-1

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 325929
Conc: 288.29 ng/ml



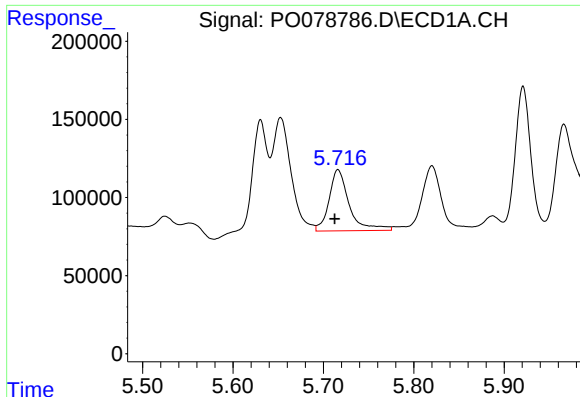
#4 AR-1016-2

R.T.: 5.653 min
Delta R.T.: 0.005 min
Response: 1035357
Conc: 265.71 ng/ml



#4 AR-1016-2

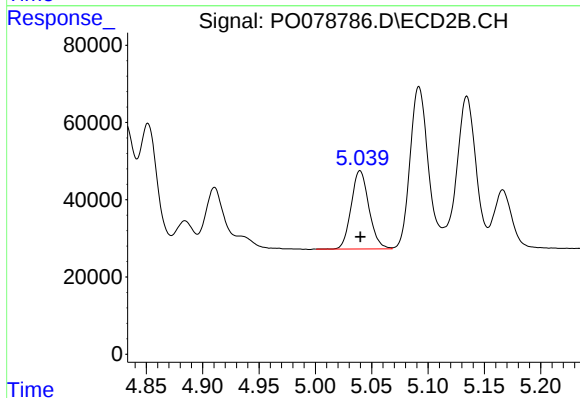
R.T.: 4.851 min
Delta R.T.: -0.001 min
Response: 360929
Conc: 217.89 ng/ml



#5 AR-1016-3

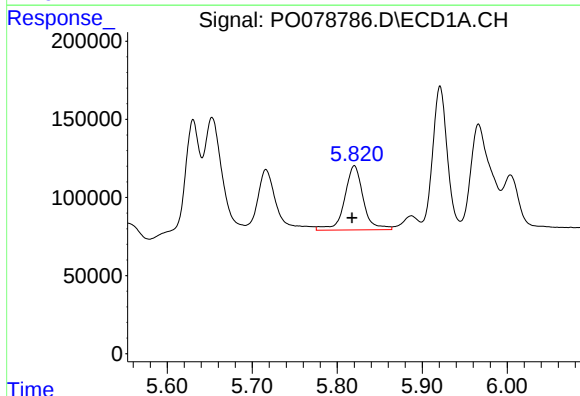
R.T.: 5.716 min
Delta R.T.: 0.004 min
Response: 607429
Conc: 257.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



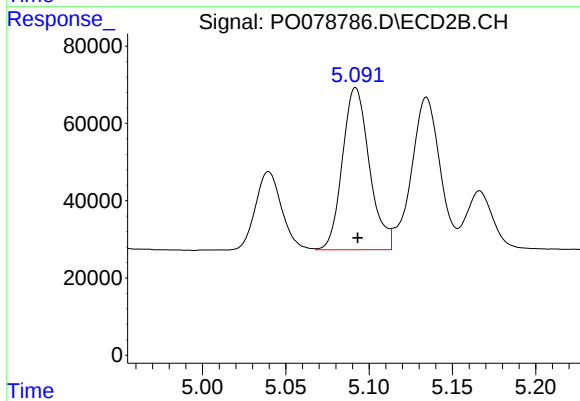
#5 AR-1016-3

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 222033
Conc: 258.59 ng/ml



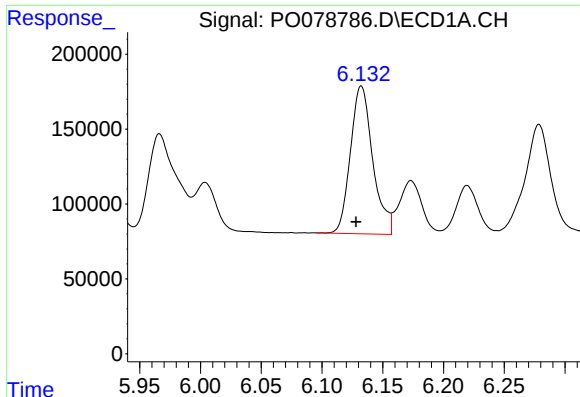
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 629008
Conc: 333.06 ng/ml



#6 AR-1016-4

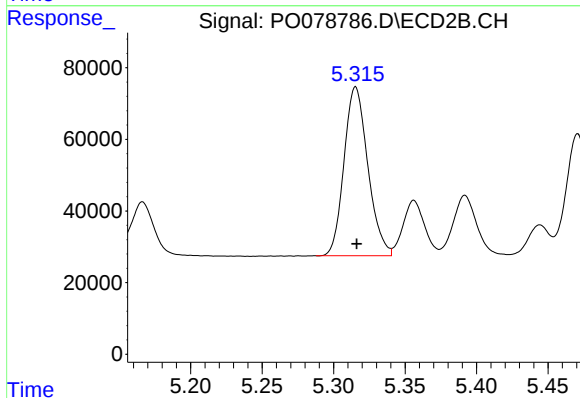
R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 473217
Conc: 626.65 ng/ml



#7 AR-1016-5

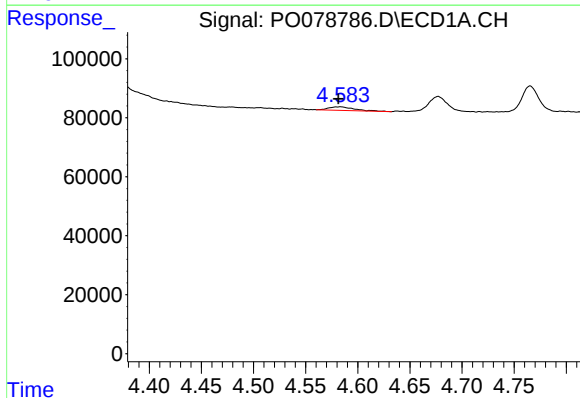
R.T.: 6.132 min
Delta R.T.: 0.004 min
Response: 1262571
Conc: 704.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



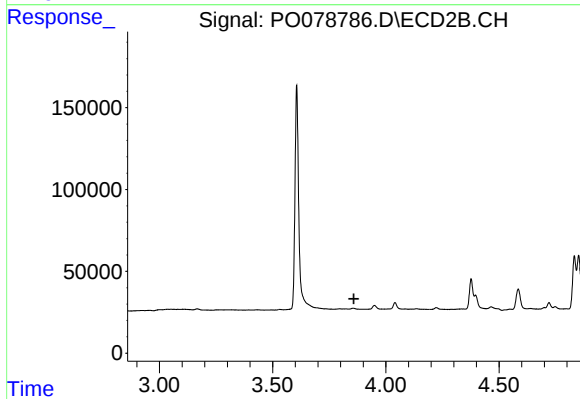
#7 AR-1016-5

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 546345
Conc: 599.67 ng/ml



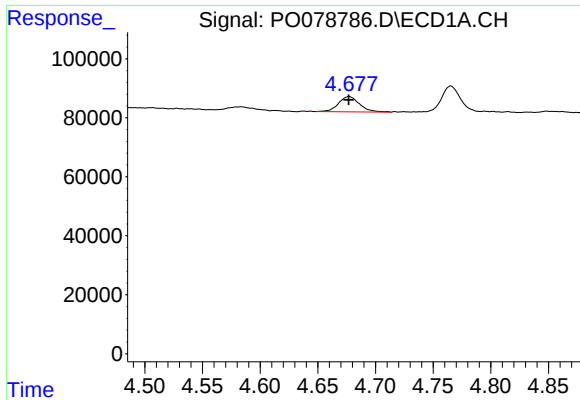
#8 AR-1221-1

R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 20178
Conc: 22.42 ng/ml



#8 AR-1221-1

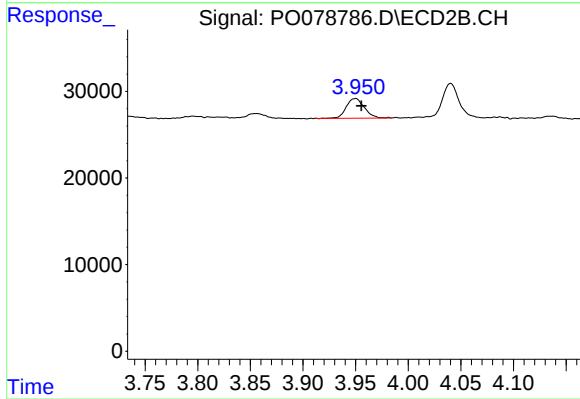
R.T.: 0.000 min
Exp R.T. : 3.859 min
Response: 0
Conc: N.D.



#9 AR-1221-2

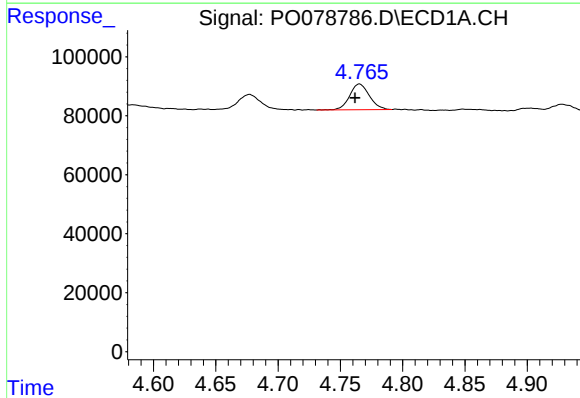
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 65653
Conc: 98.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



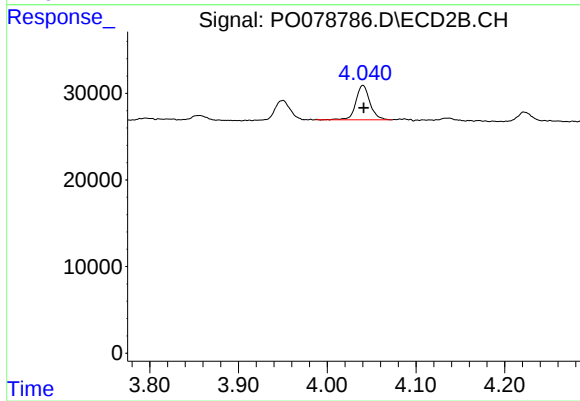
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: -0.006 min
Response: 27163
Conc: 94.75 ng/ml



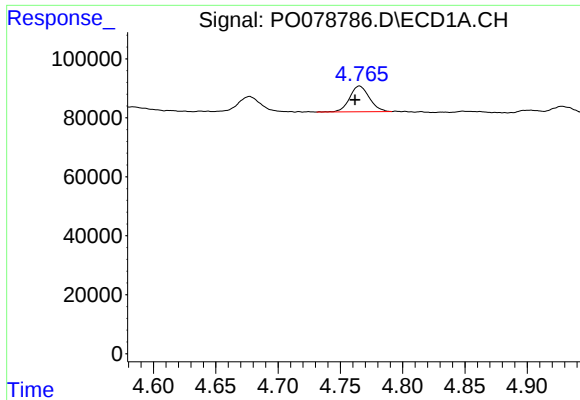
#10 AR-1221-3

R.T.: 4.765 min
Delta R.T.: 0.004 min
Response: 96434
Conc: 45.25 ng/ml



#10 AR-1221-3

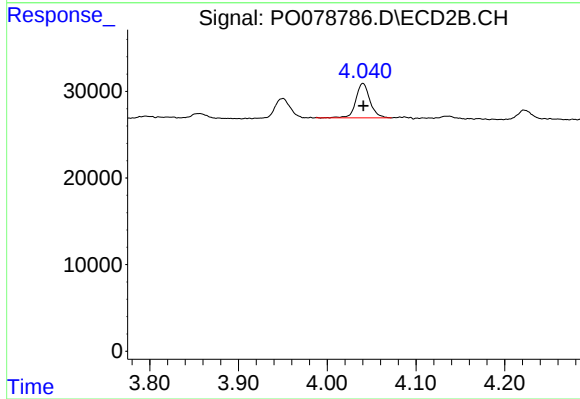
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 43934
Conc: 48.57 ng/ml



#11 AR-1232-1

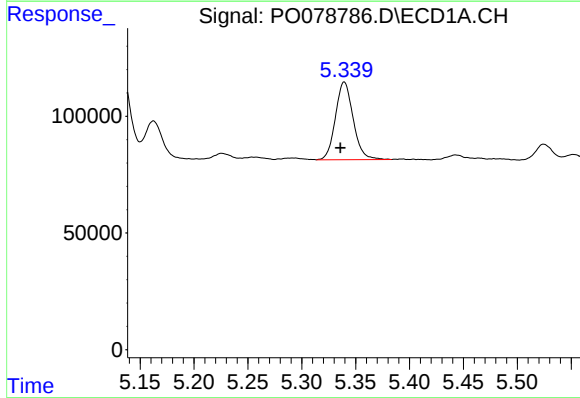
R.T.: 4.765 min
Delta R.T.: 0.004 min
Response: 96434
Conc: 57.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



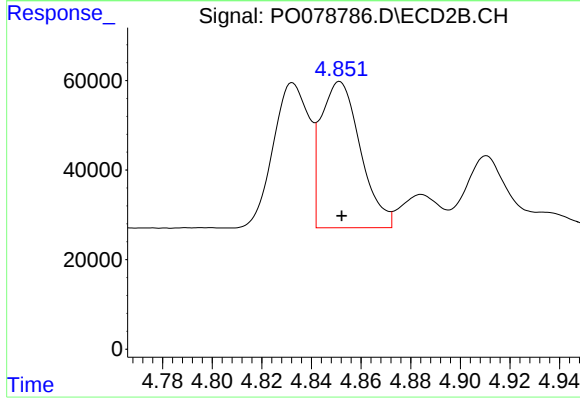
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 43934
Conc: 61.17 ng/ml



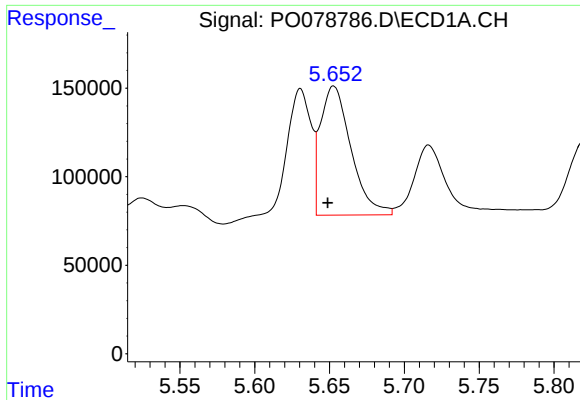
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.004 min
Response: 381670
Conc: 465.73 ng/ml



#12 AR-1232-2

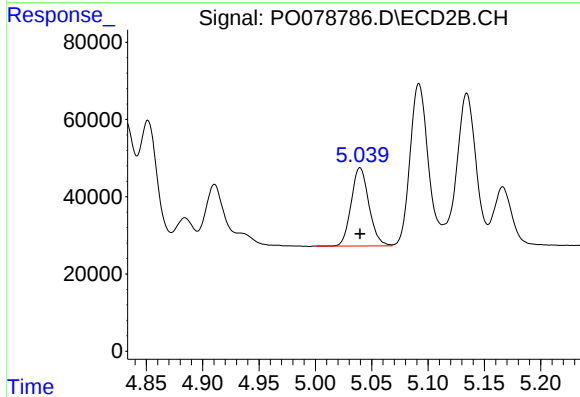
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 360929
Conc: 512.49 ng/ml



#13 AR-1232-3

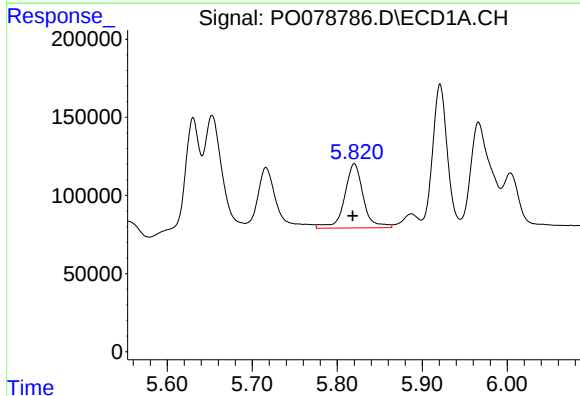
R.T.: 5.653 min
Delta R.T.: 0.004 min
Response: 1035357
Conc: 648.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



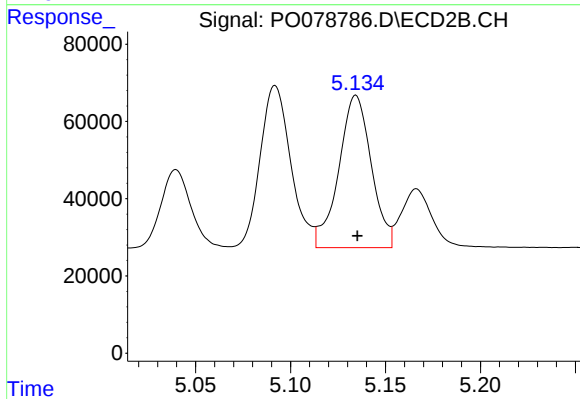
#13 AR-1232-3

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 222033
Conc: 635.31 ng/ml



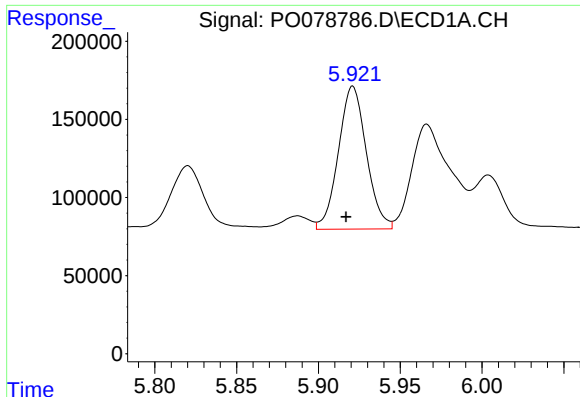
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 629008
Conc: 839.18 ng/ml



#14 AR-1232-4

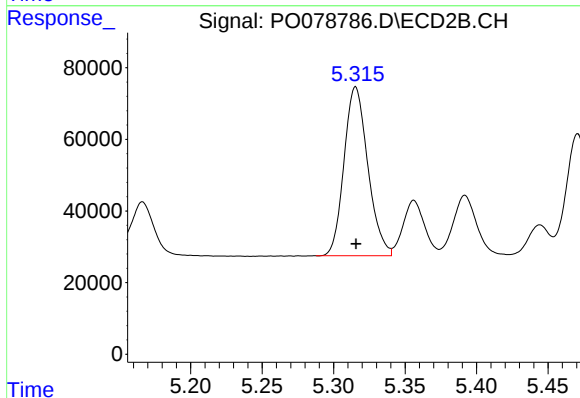
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 470568
Conc: 1444.40 ng/ml



#15 AR-1232-5

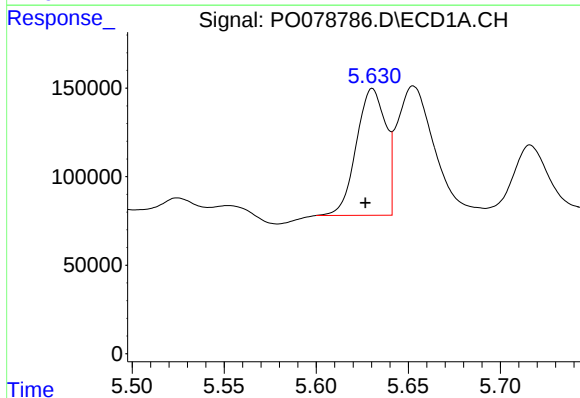
R.T.: 5.921 min
Delta R.T.: 0.004 min
Response: 1088235
Conc: 2082.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



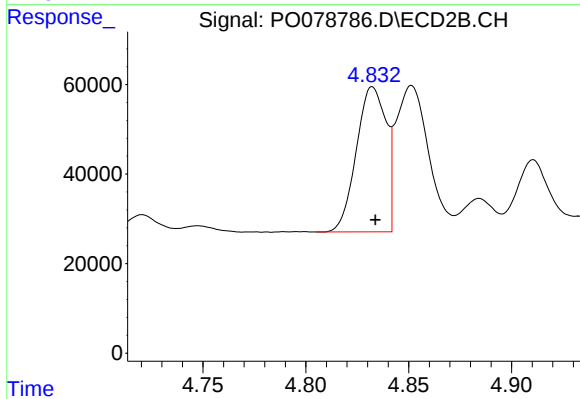
#15 AR-1232-5

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 546345
Conc: 1556.74 ng/ml



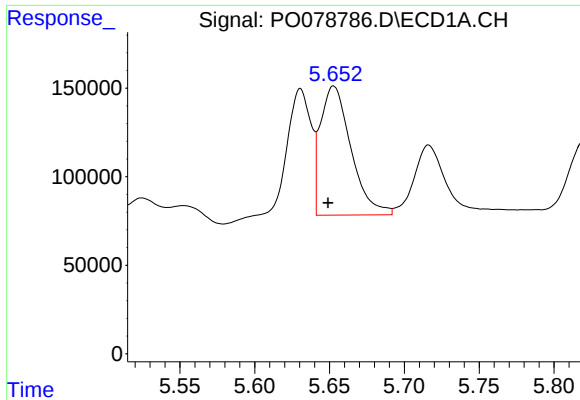
#16 AR-1242-1

R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 793769
Conc: 402.94 ng/ml



#16 AR-1242-1

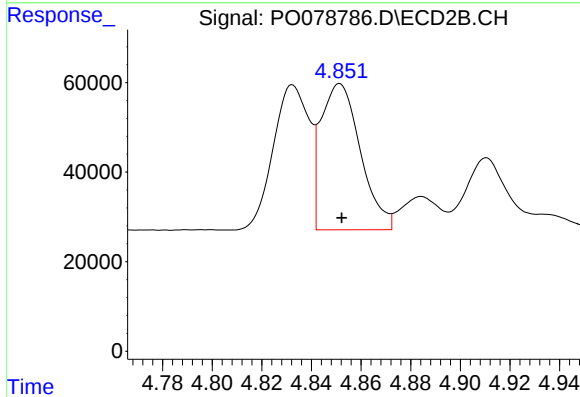
R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 325929
Conc: 372.44 ng/ml



#17 AR-1242-2

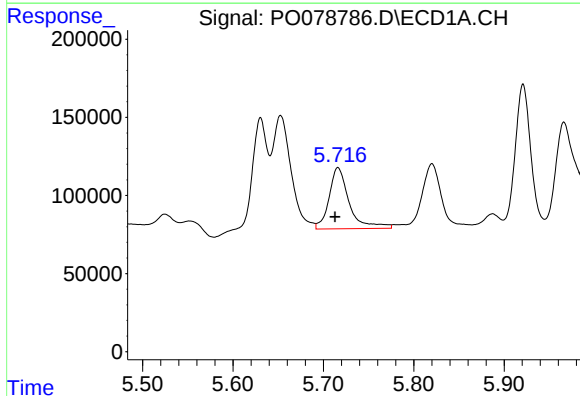
R.T.: 5.653 min
Delta R.T.: 0.004 min
Response: 1035357
Conc: 342.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



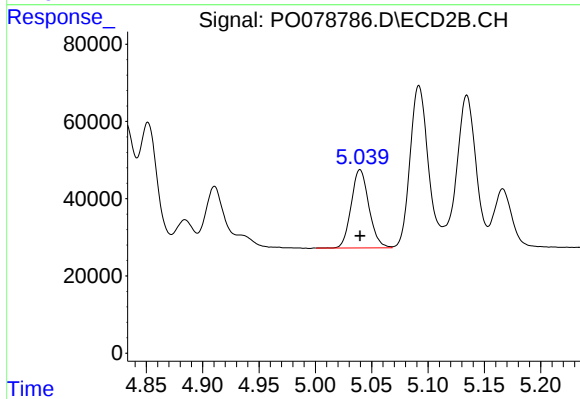
#17 AR-1242-2

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 360929
Conc: 279.16 ng/ml



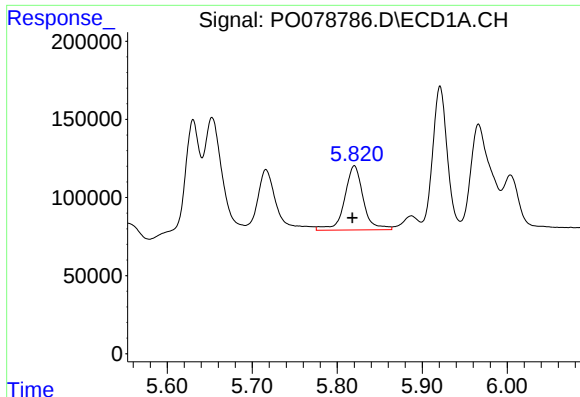
#18 AR-1242-3

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 607429
Conc: 332.73 ng/ml



#18 AR-1242-3

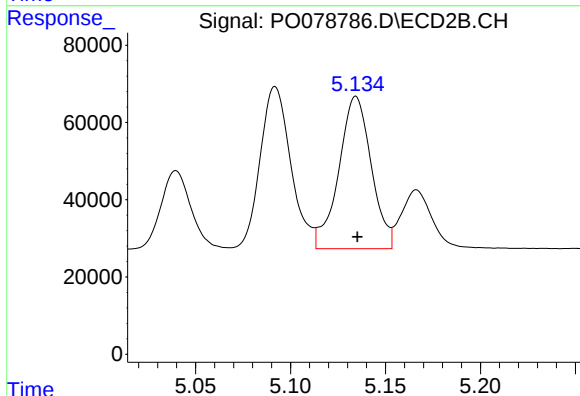
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 222033
Conc: 327.08 ng/ml



#19 AR-1242-4

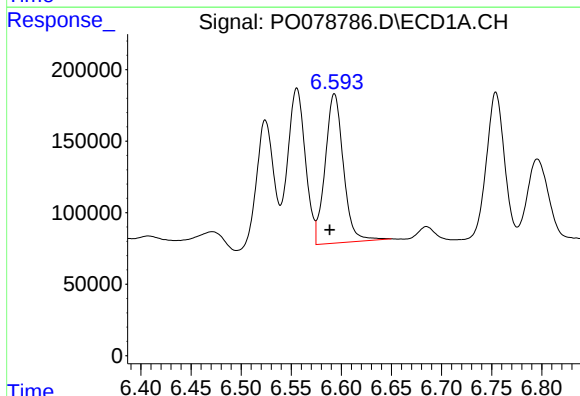
R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 629008
Conc: 426.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



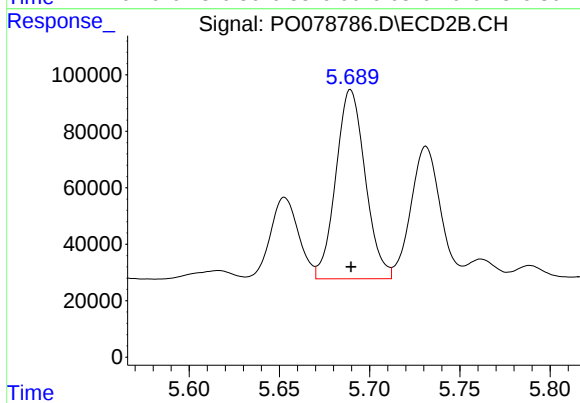
#19 AR-1242-4

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 470568
Conc: 674.12 ng/ml



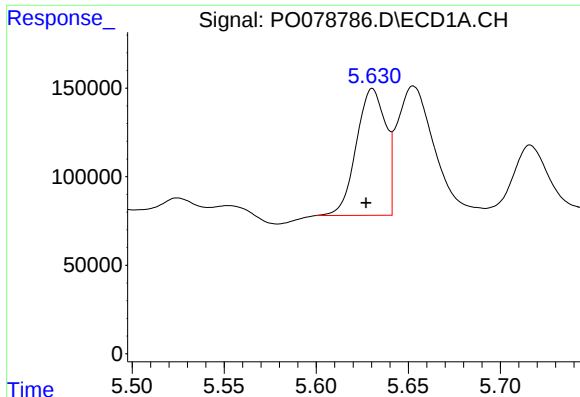
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: 0.005 min
Response: 1318399
Conc: 876.72 ng/ml



#20 AR-1242-5

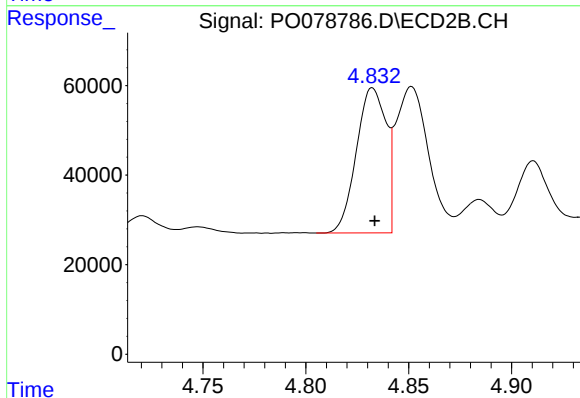
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 760192
Conc: 849.73 ng/ml



#21 AR-1248-1

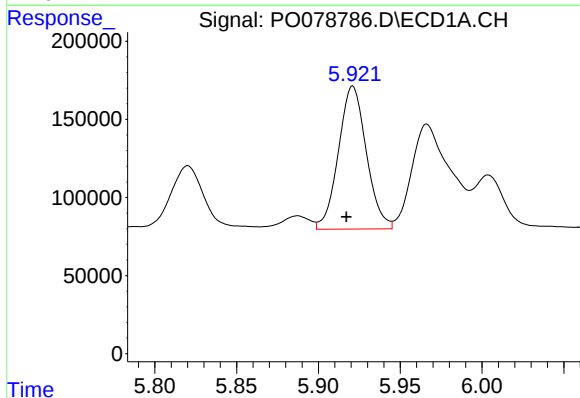
R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 793769
Conc: 516.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



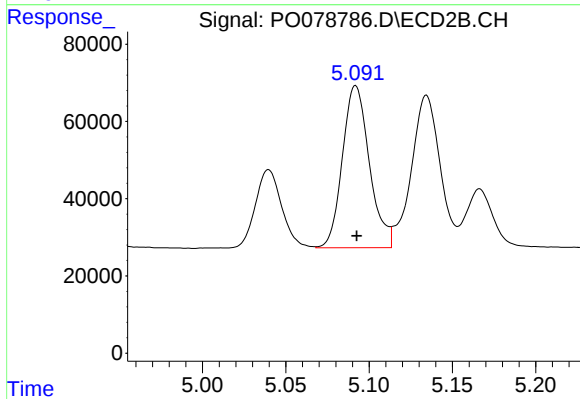
#21 AR-1248-1

R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 325929
Conc: 481.35 ng/ml



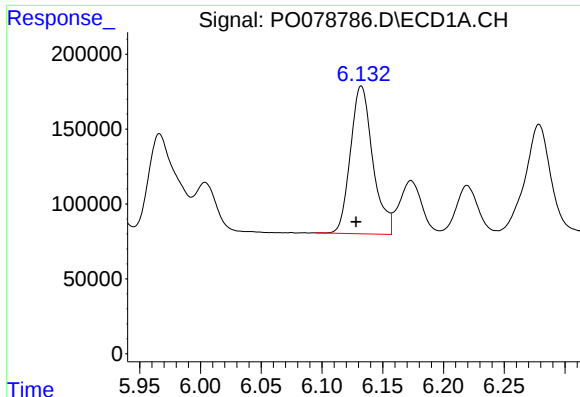
#22 AR-1248-2

R.T.: 5.921 min
Delta R.T.: 0.004 min
Response: 1088235
Conc: 521.49 ng/ml



#22 AR-1248-2

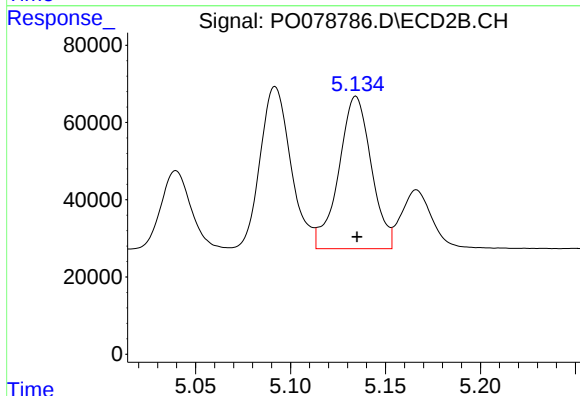
R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 473217
Conc: 469.18 ng/ml



#23 AR-1248-3

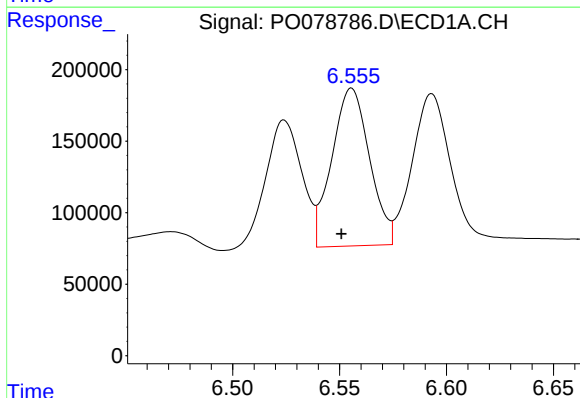
R.T.: 6.132 min
Delta R.T.: 0.004 min
Response: 1262571
Conc: 514.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



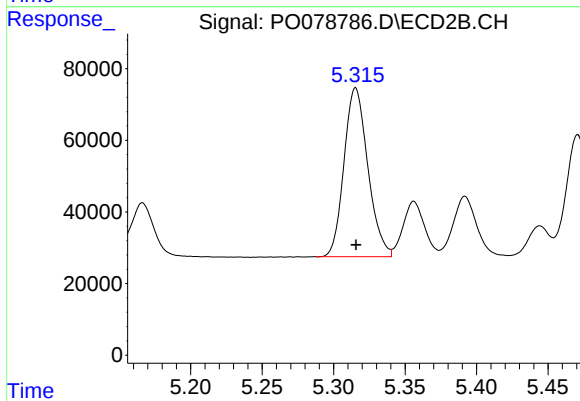
#23 AR-1248-3

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 470568
Conc: 471.48 ng/ml



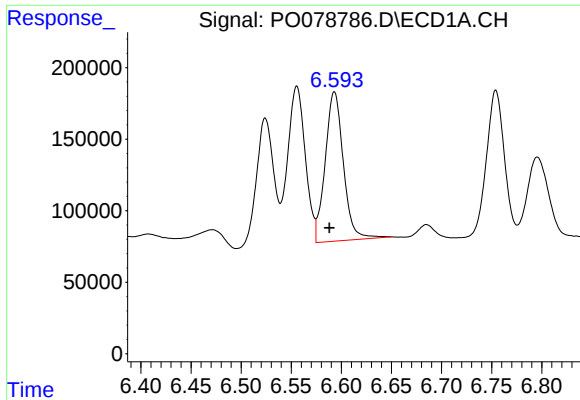
#24 AR-1248-4

R.T.: 6.556 min
Delta R.T.: 0.005 min
Response: 1354516
Conc: 517.26 ng/ml



#24 AR-1248-4

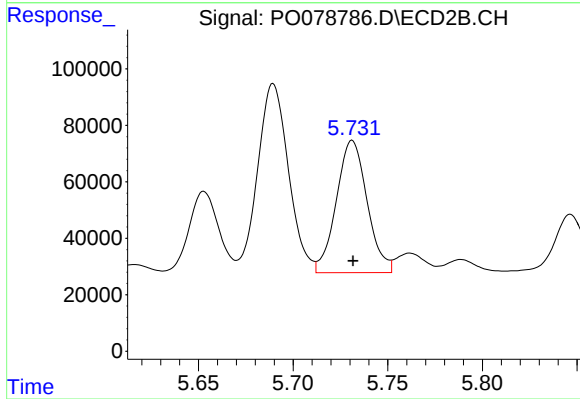
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 546345
Conc: 461.96 ng/ml



#25 AR-1248-5

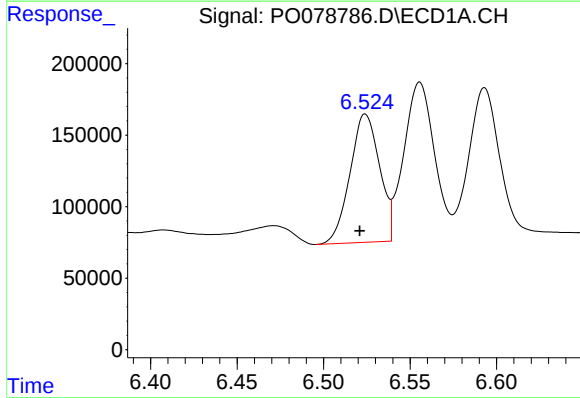
R.T.: 6.593 min
Delta R.T.: 0.005 min
Response: 1318399
Conc: 521.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



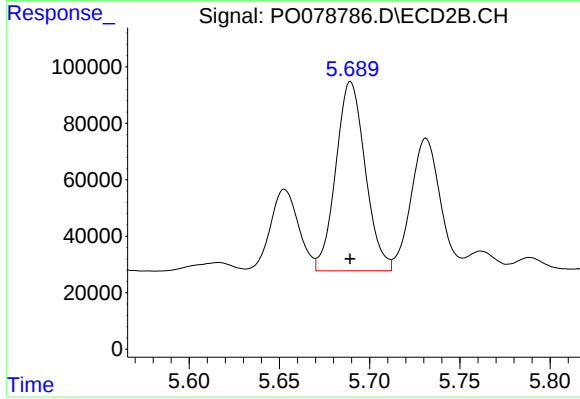
#25 AR-1248-5

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 531495
Conc: 482.13 ng/ml



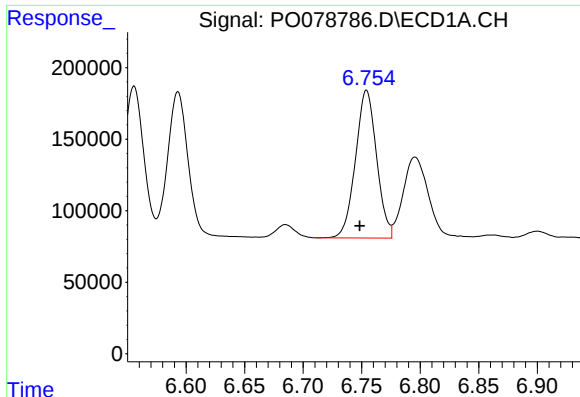
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: 0.003 min
Response: 1065061
Conc: 388.55 ng/ml



#26 AR-1254-1

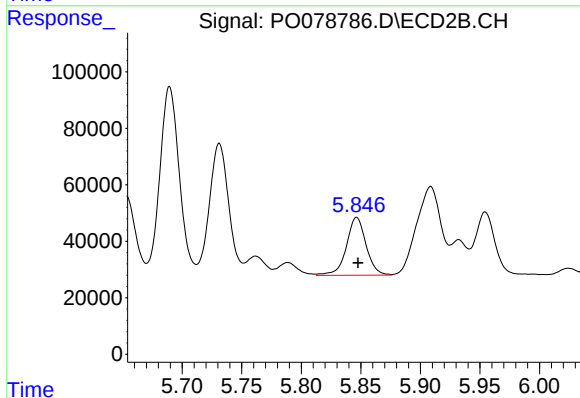
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 760192
Conc: 430.27 ng/ml



#27 AR-1254-2

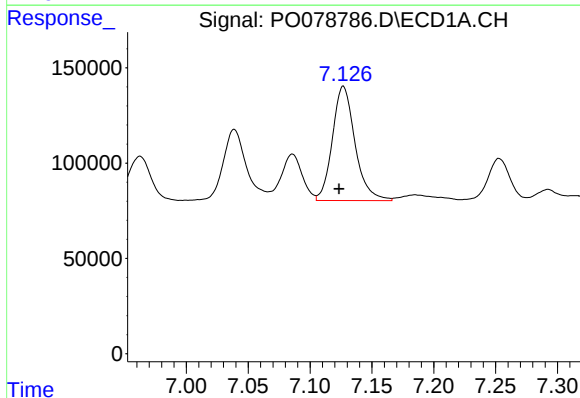
R.T.: 6.754 min
Delta R.T.: 0.006 min
Response: 1295438
Conc: 306.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



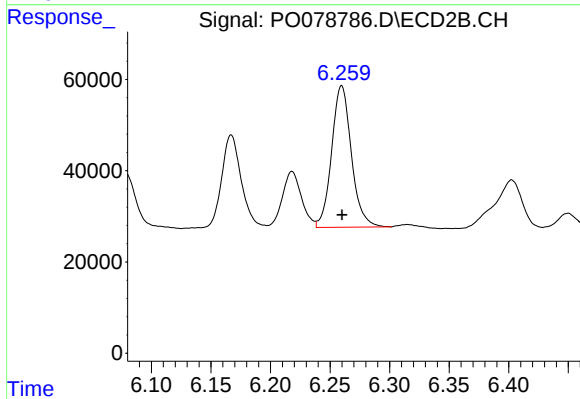
#27 AR-1254-2

R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 236465
Conc: 145.95 ng/ml



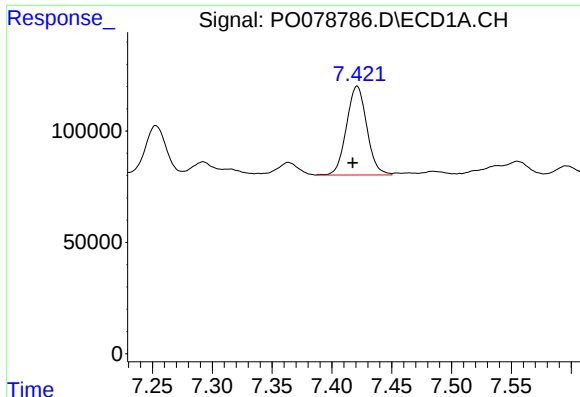
#28 AR-1254-3

R.T.: 7.127 min
Delta R.T.: 0.003 min
Response: 764411
Conc: 175.57 ng/ml



#28 AR-1254-3

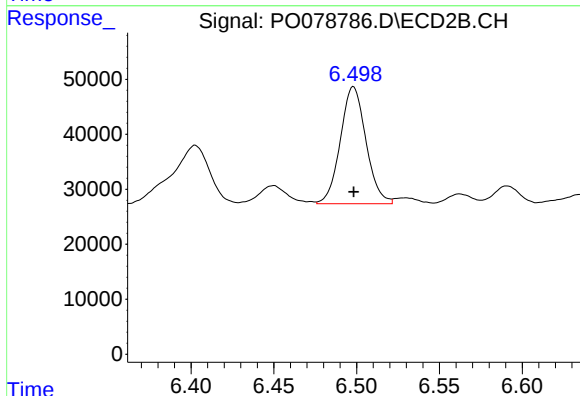
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 358399
Conc: 147.42 ng/ml



#29 AR-1254-4

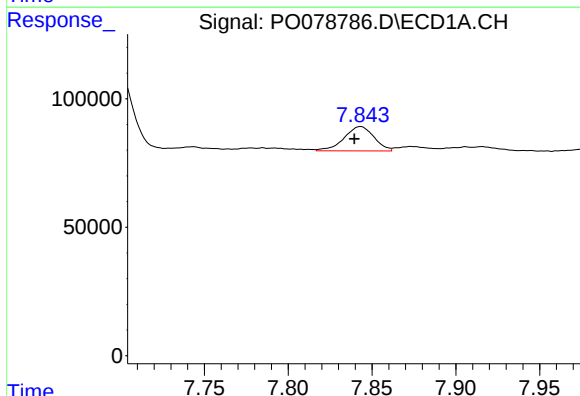
R.T.: 7.421 min
Delta R.T.: 0.004 min
Response: 471490
Conc: 153.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



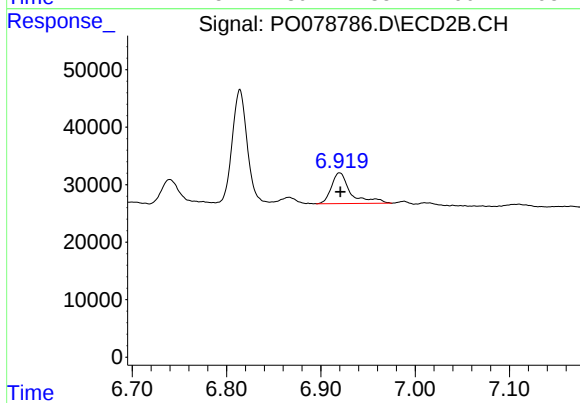
#29 AR-1254-4

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 229641
Conc: 153.37 ng/ml



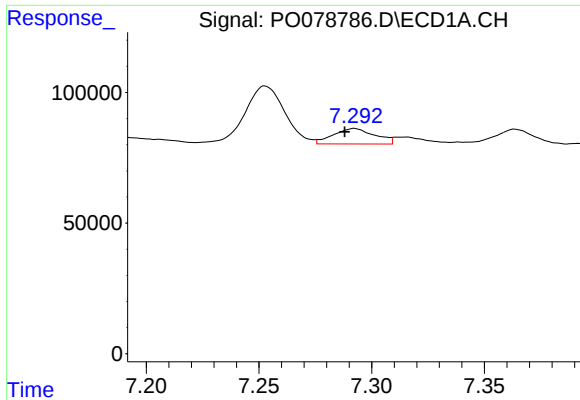
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: 0.004 min
Response: 117614
Conc: 34.12 ng/ml



#30 AR-1254-5

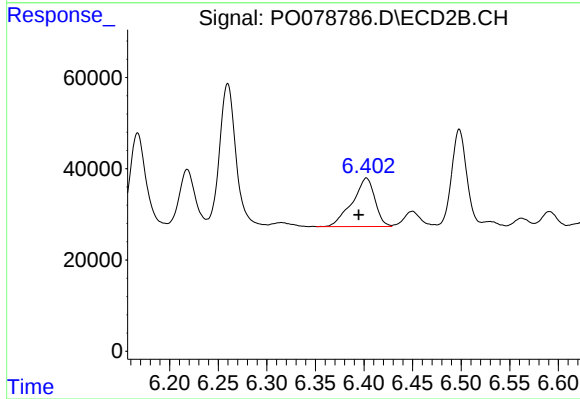
R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 76577
Conc: 33.36 ng/ml



#31 AR-1260-1

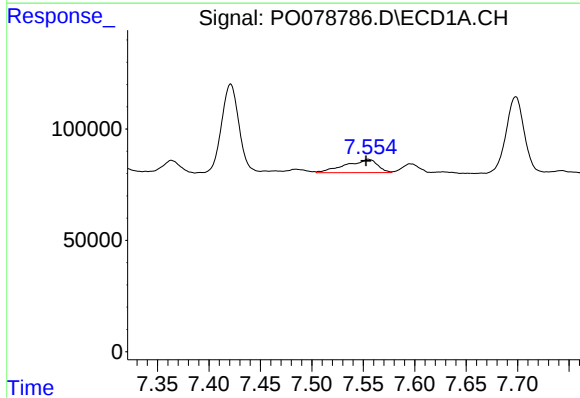
R.T.: 7.292 min
Delta R.T.: 0.004 min
Response: 76182
Conc: 24.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



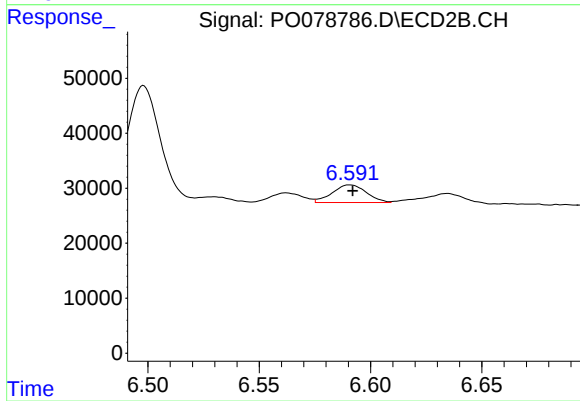
#31 AR-1260-1

R.T.: 6.403 min
Delta R.T.: 0.008 min
Response: 172581
Conc: 102.71 ng/ml



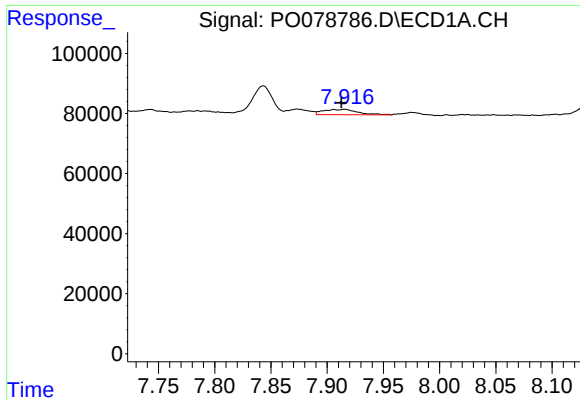
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 127095
Conc: 34.38 ng/ml



#32 AR-1260-2

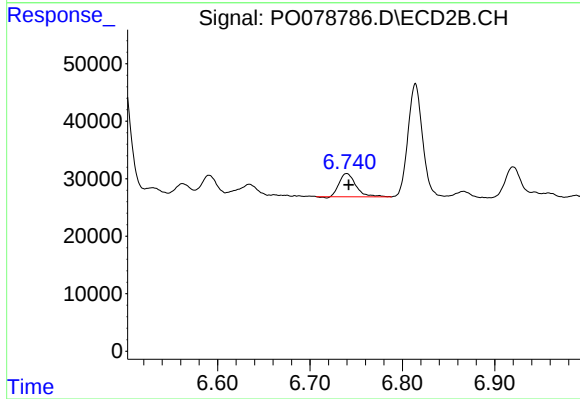
R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 34196
Conc: 16.97 ng/ml



#33 AR-1260-3

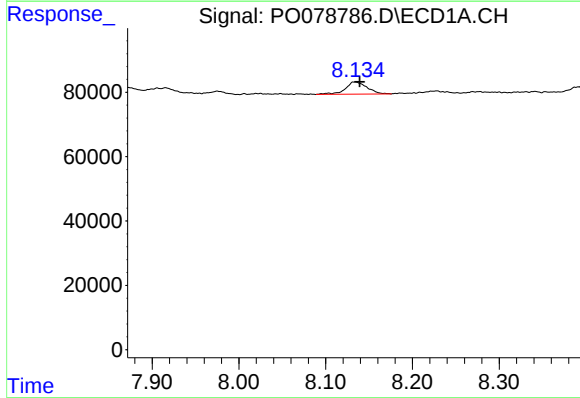
R.T.: 7.915 min
Delta R.T.: 0.003 min
Response: 37067
Conc: 13.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



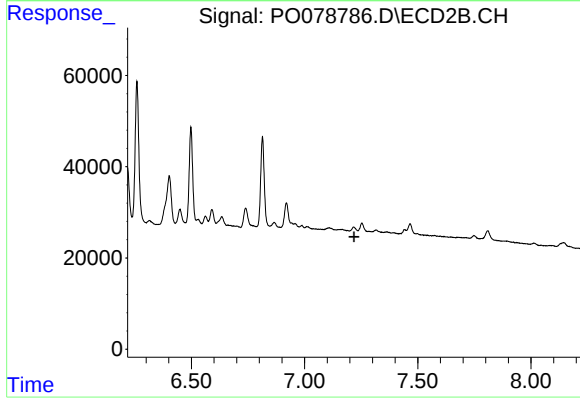
#33 AR-1260-3

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 51067
Conc: 26.18 ng/ml



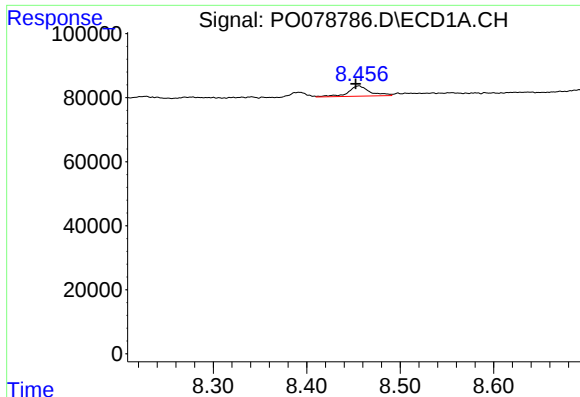
#34 AR-1260-4

R.T.: 8.134 min
Delta R.T.: -0.005 min
Response: 66104
Conc: 20.93 ng/ml



#34 AR-1260-4

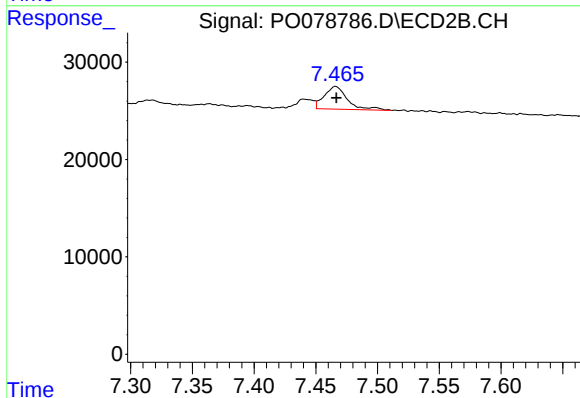
R.T.: 0.000 min
Exp R.T.: 7.218 min
Response: 0
Conc: N.D.



#35 AR-1260-5

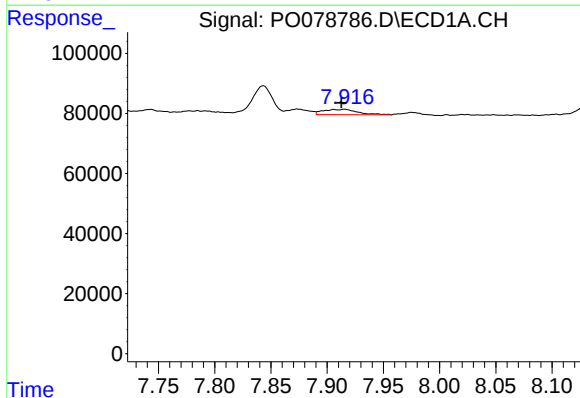
R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 52002
Conc: 8.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



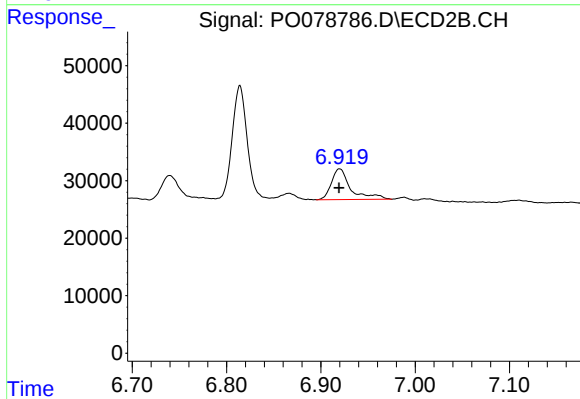
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 30589
Conc: 8.31 ng/ml



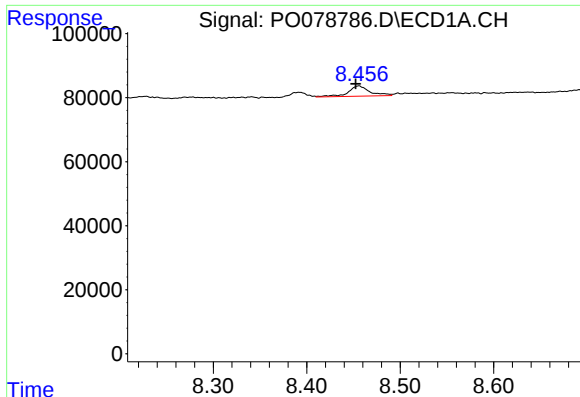
#36 AR-1262-1

R.T.: 7.915 min
Delta R.T.: 0.003 min
Response: 37067
Conc: 8.95 ng/ml



#36 AR-1262-1

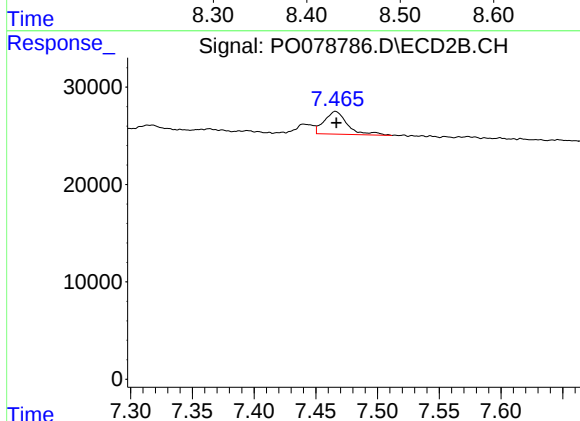
R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 76577
Conc: 64.34 ng/ml



#37 AR-1262-2

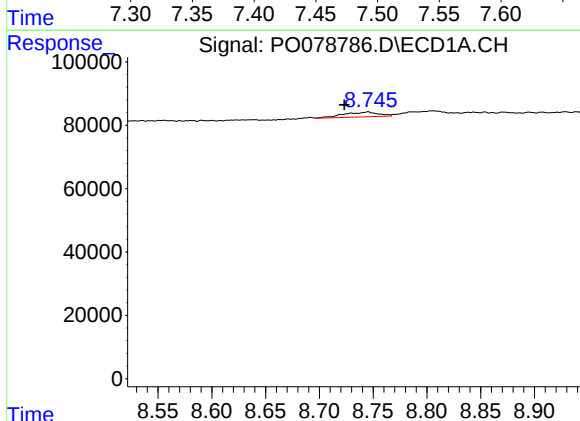
R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 52002
Conc: 7.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



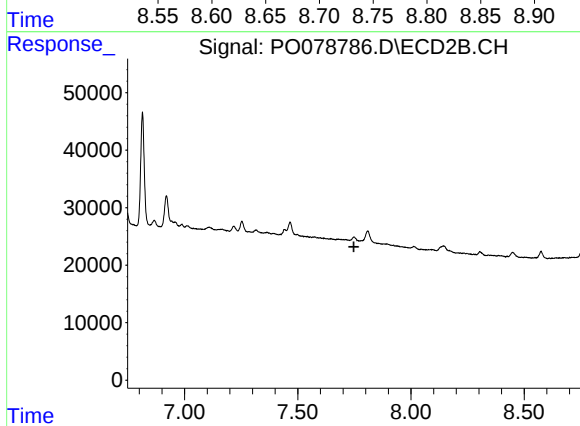
#37 AR-1262-2

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 30589
Conc: 7.74 ng/ml



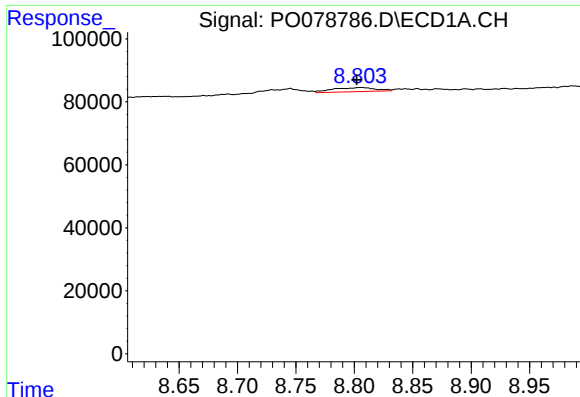
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.022 min
Response: 34457
Conc: 7.28 ng/ml



#38 AR-1262-3

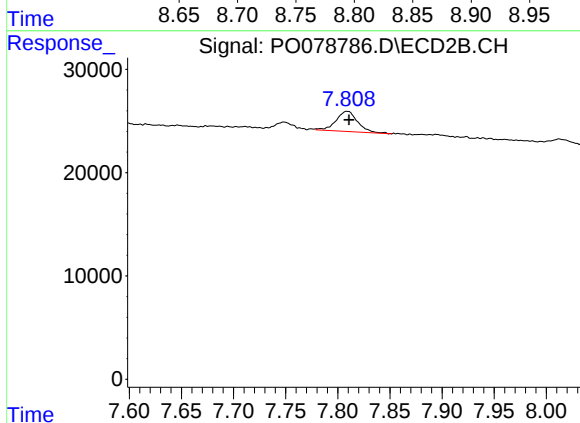
R.T.: 0.000 min
Exp R.T.: 7.748 min
Response: 0
Conc: N.D.



#39 AR-1262-4

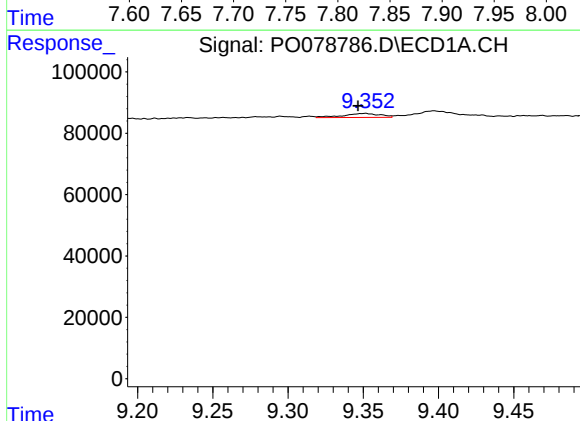
R.T.: 8.806 min
Delta R.T.: 0.004 min
Response: 33703
Conc: 9.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



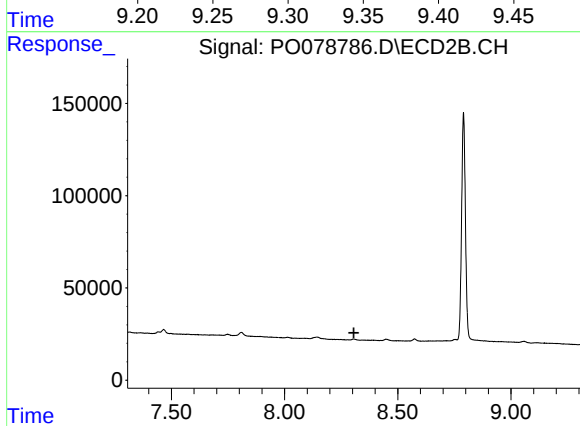
#39 AR-1262-4

R.T.: 7.809 min
Delta R.T.: -0.002 min
Response: 28152
Conc: 9.25 ng/ml



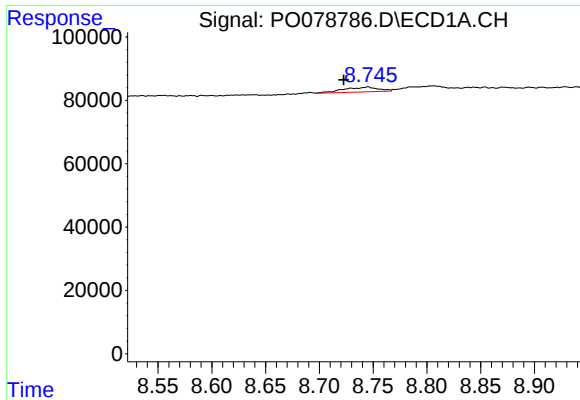
#40 AR-1262-5

R.T.: 9.351 min
Delta R.T.: 0.005 min
Response: 22280
Conc: 9.12 ng/ml



#40 AR-1262-5

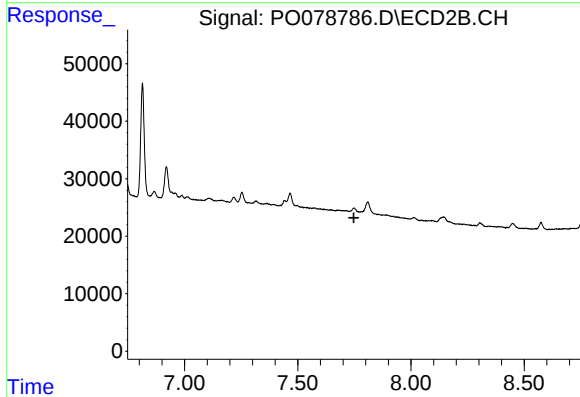
R.T.: 0.000 min
Exp R.T.: 8.306 min
Response: 0
Conc: N.D.



#41 AR-1268-1

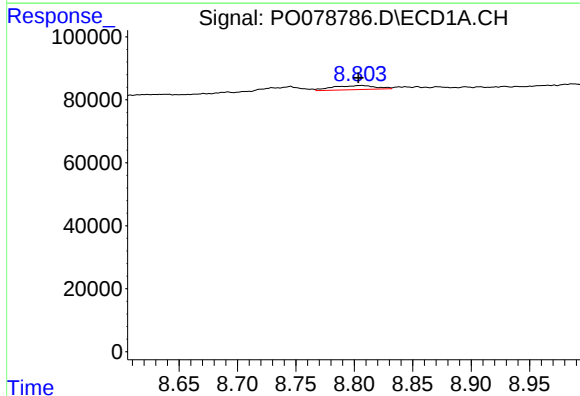
R.T.: 8.745 min
Delta R.T.: 0.022 min
Response: 34457
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



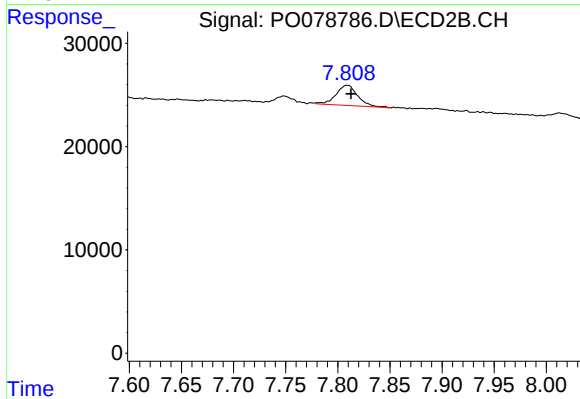
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



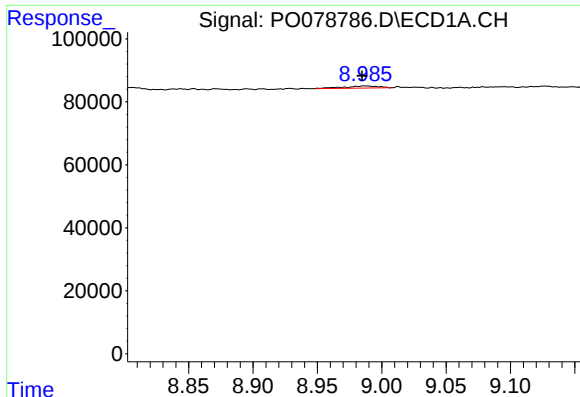
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: 0.002 min
Response: 33703
Conc: 4.67 ng/ml



#42 AR-1268-2

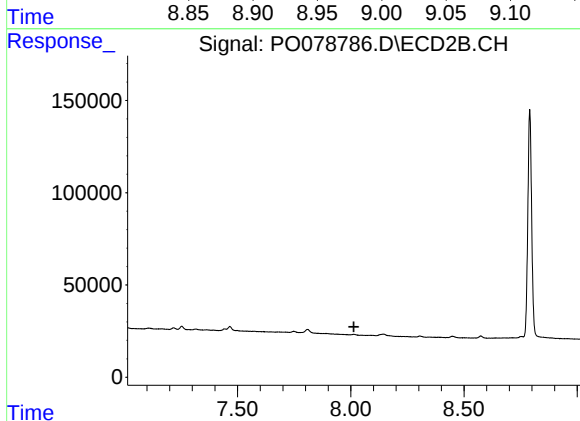
R.T.: 7.809 min
Delta R.T.: -0.004 min
Response: 28152
Conc: 7.09 ng/ml



#43 AR-1268-3

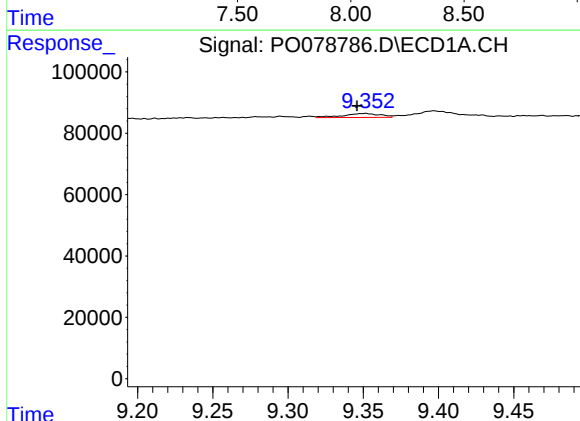
R.T.: 8.987 min
Delta R.T.: 0.003 min
Response: 12847
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



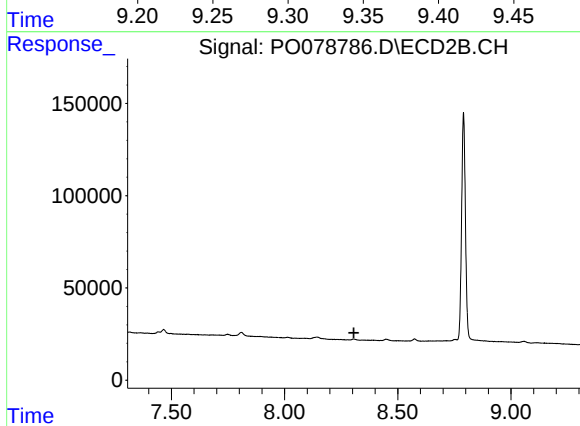
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.014 min
Response: 0
Conc: N.D.



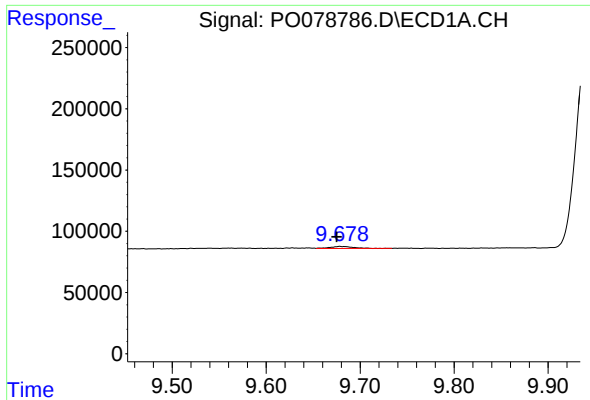
#44 AR-1268-4

R.T.: 9.351 min
Delta R.T.: 0.005 min
Response: 22280
Conc: 8.66 ng/ml



#44 AR-1268-4

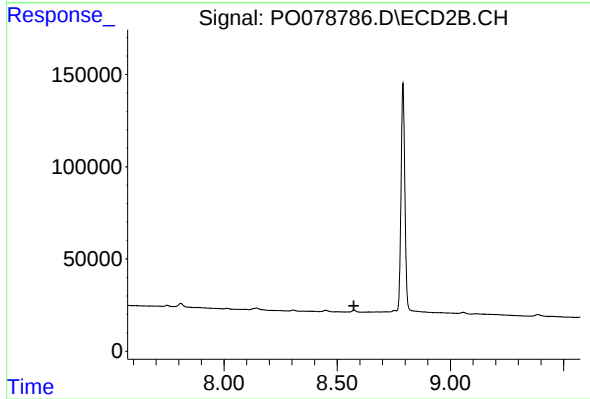
R.T.: 0.000 min
Exp R.T. : 8.306 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.679 min
Delta R.T.: 0.003 min
Response: 28922
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.574 min
Response: 0
Conc: N.D.