

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO111820\
 Data File : PO073319.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Nov 2020 23:46
 Operator : DD\AJ
 Sample : L4791-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:36:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 18 05:08:01 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...	4.945	4.015	1470203	902607	23.365	25.144
2)	SA Decachlor...	10.975	9.286	1322409	848745	24.707	24.293
Target Compounds							
3)	L1 AR-1016-1	0.000	5.251f	0	27844	N.D.	18.105 #
4)	L1 AR-1016-2	0.000	5.291	0	43758	N.D.	20.849 #
5)	L1 AR-1016-3	0.000	5.466	0	49391	N.D.	49.642 #
6)	L1 AR-1016-4	0.000	5.528	0	99776	N.D.	110.209 #
7)	L1 AR-1016-5	6.783	5.755	32647	84749	20.991	74.094 #
8)	L2 AR-1221-1	0.000	4.258	0	8163	N.D.	18.876 #
9)	L2 AR-1221-2	0.000	4.365	0	12411	N.D.	38.010 #
10)	L2 AR-1221-3	0.000	4.461	0	1919	N.D.	1.944 #
11)	L3 AR-1232-1	0.000	4.461	0	1919	N.D.	2.233 #
12)	L3 AR-1232-2	0.000	5.291	0	43758	N.D.	46.938 #
13)	L3 AR-1232-3	0.000	5.466	0	49391	N.D.	109.330 #
14)	L3 AR-1232-4	0.000	5.571	0	57917	N.D.	131.465 #
15)	L3 AR-1232-5	6.565	5.755	127566	84749	243.696	170.602 #
16)	L4 AR-1242-1	0.000	5.251f	0	27844	N.D.	22.519 #
17)	L4 AR-1242-2	0.000	5.291	0	43758	N.D.	26.235 #
18)	L4 AR-1242-3	0.000	5.466	0	49391	N.D.	59.847 #
19)	L4 AR-1242-4	0.000	5.571	0	57917	N.D.	65.476 #
20)	L4 AR-1242-5	7.256	6.133	130853	391879	81.725	335.901 #
21)	L5 AR-1248-1	0.000	5.251f	0	27844	N.D.	29.569 #
22)	L5 AR-1248-2	6.565	5.528	127566	99776	64.298	78.788
23)	L5 AR-1248-3	6.783	5.571	32647	57917	14.567	44.037 #
24)	L5 AR-1248-4	7.215	5.755	91460	84749	30.766	53.535 #
25)	L5 AR-1248-5	7.256	6.177	130853	20404	46.852	12.304 #
26)	L6 AR-1254-1	7.182	6.133	514508	391879	174.713	159.356
27)	L6 AR-1254-2	7.413	6.292	706838	332414	148.384	152.036
28)	L6 AR-1254-3	7.796	6.709	1092892	857887	228.572	234.985
29)	L6 AR-1254-4	8.091	6.947	438824	229463	102.803	95.954
30)	L6 AR-1254-5	8.520	7.374	1129387	770803	282.920	232.556
31)	L7 AR-1260-1	7.962	6.846	489776	471761	163.772	208.142 #
32)	L7 AR-1260-2	8.228	7.042	803079	402010	187.437	149.319
33)	L7 AR-1260-3	8.595	7.194	960971	455386	296.862	184.917 #
34)	L7 AR-1260-4	8.822	7.675	1048980	401334	336.230	196.922 #
35)	L7 AR-1260-5	9.154	7.922	1107848	812248	154.166	171.604
36)	L8 AR-1262-1	8.595	7.374	960971	770803	194.362	480.453 #
37)	L8 AR-1262-2	9.154	7.922	1107848	812248	134.857	154.703
38)	L8 AR-1262-3	9.464	8.208	2100341	1102567	407.047	526.978 #
39)	L8 AR-1262-4	9.561	8.272	1926909	1224914	487.057	323.037 #
40)	L8 AR-1262-5	10.227	8.764	1154007	678411	421.545	394.314
41)	L9 AR-1268-1	9.464	8.208	2100341	1102567	216.476	181.939

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111820\
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 Acq On : 18 Nov 2020 23:46
 Operator : DD\AJ
 Sample : L4791-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

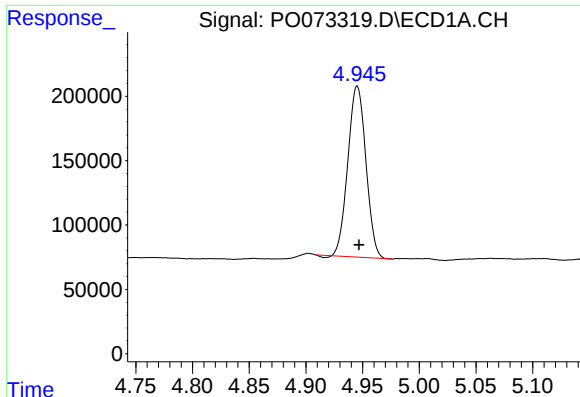
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:36:44 2020
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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	9.561	8.272	1926909	1224914	227.136	225.319
43) L9	AR-1268-3	9.787	8.479	482006	379236	64.562	80.112
44) L9	AR-1268-4	10.227	8.764	1154007	678411	378.943	347.833
45) L9	AR-1268-5	10.640	9.043	2082834	1271541	98.646	92.735

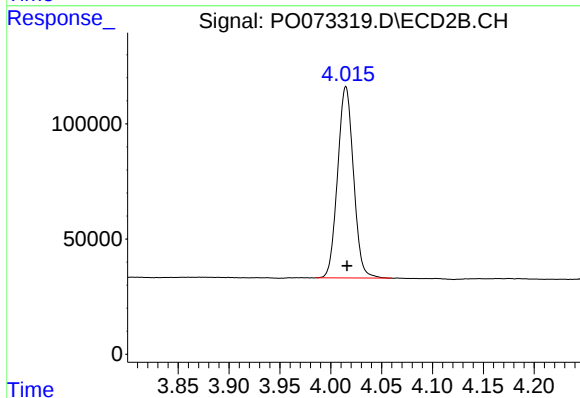
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

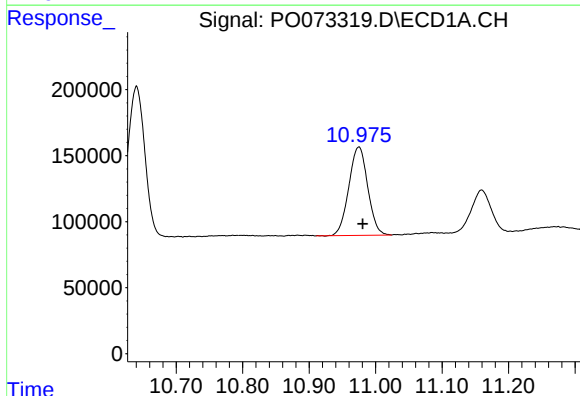
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 1470203
Conc: 23.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



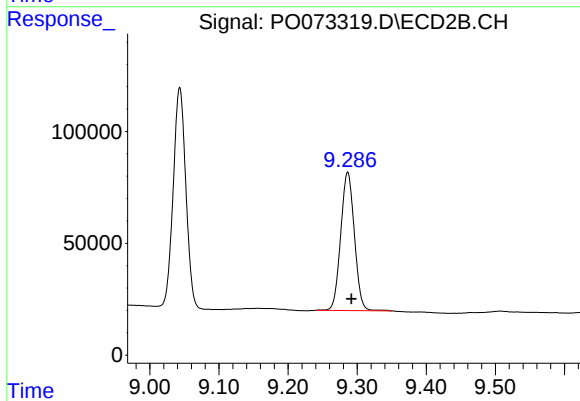
#1 Tetrachloro-m-xylene

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 902607
Conc: 25.14 ng/ml



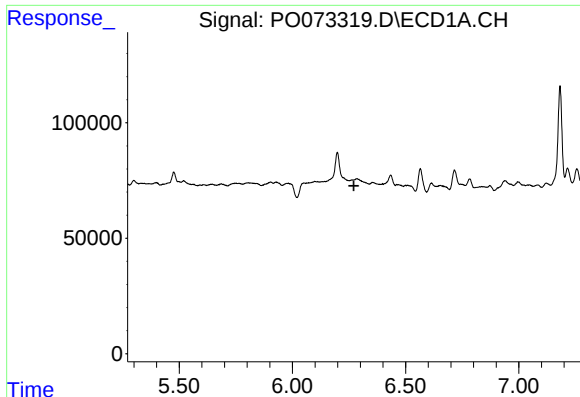
#2 Decachlorobiphenyl

R.T.: 10.975 min
Delta R.T.: -0.006 min
Response: 1322409
Conc: 24.71 ng/ml



#2 Decachlorobiphenyl

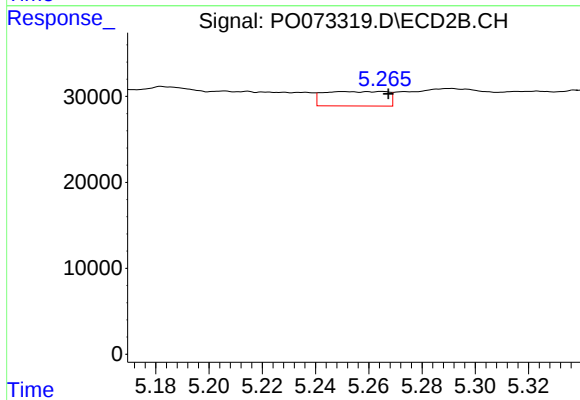
R.T.: 9.286 min
Delta R.T.: -0.005 min
Response: 848745
Conc: 24.29 ng/ml



#3 AR-1016-1

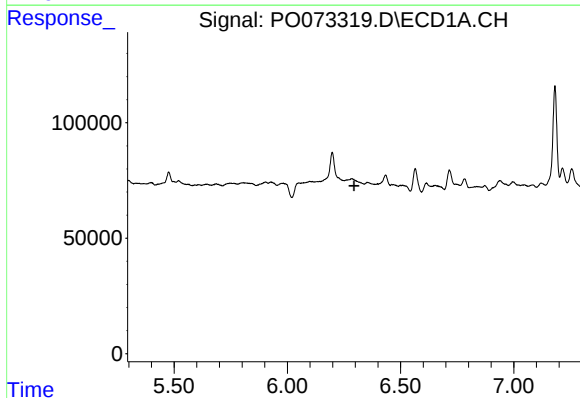
R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



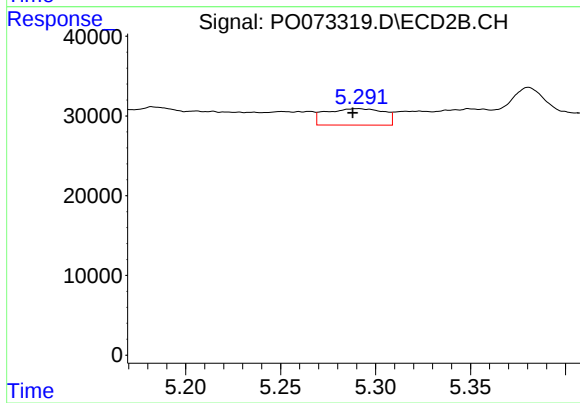
#3 AR-1016-1

R.T.: 5.251 min
Delta R.T.: -0.017 min
Response: 27844
Conc: 18.10 ng/ml



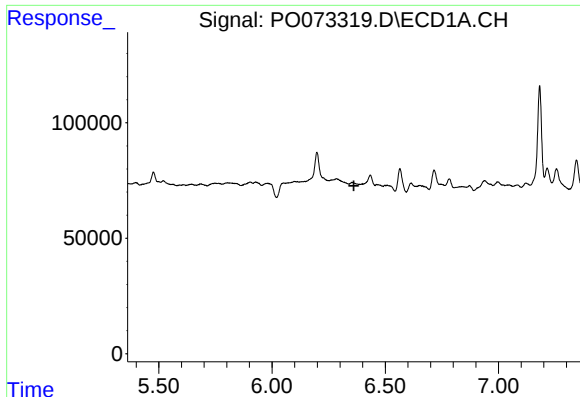
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.294 min
Response: 0
Conc: N.D.



#4 AR-1016-2

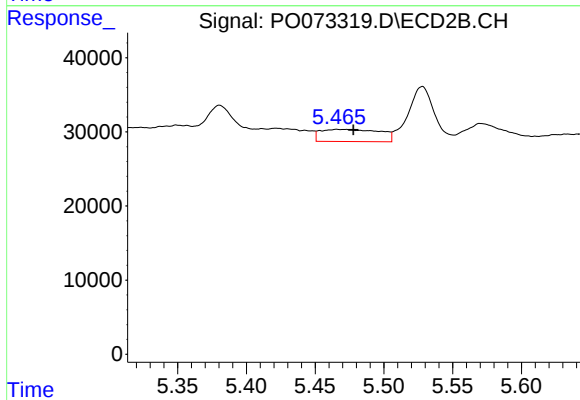
R.T.: 5.291 min
Delta R.T.: 0.003 min
Response: 43758
Conc: 20.85 ng/ml



#5 AR-1016-3

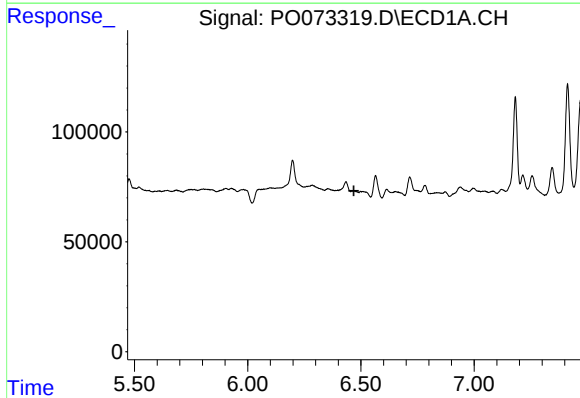
R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



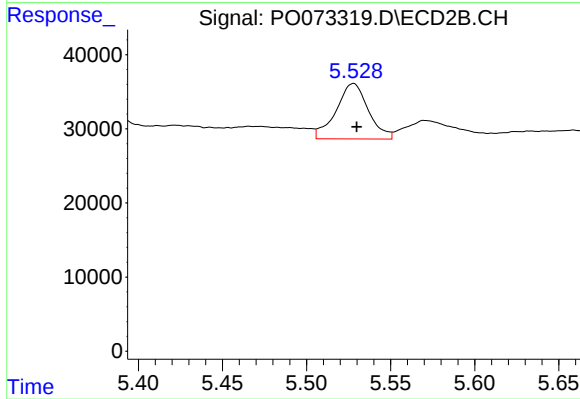
#5 AR-1016-3

R.T.: 5.466 min
Delta R.T.: -0.012 min
Response: 49391
Conc: 49.64 ng/ml



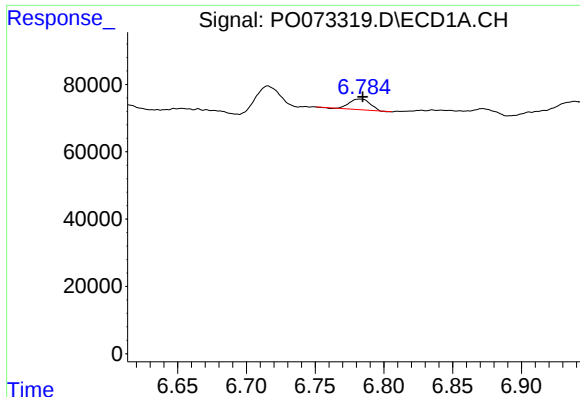
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#6 AR-1016-4

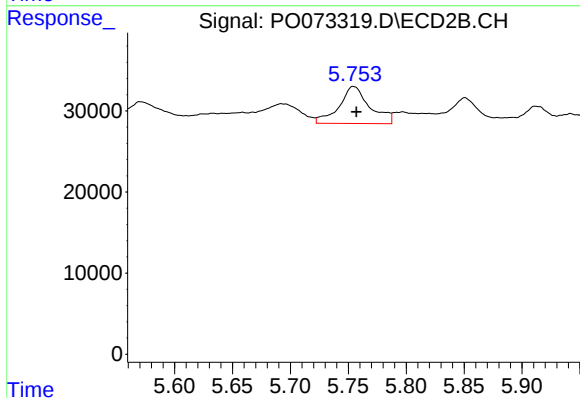
R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 99776
Conc: 110.21 ng/ml



#7 AR-1016-5

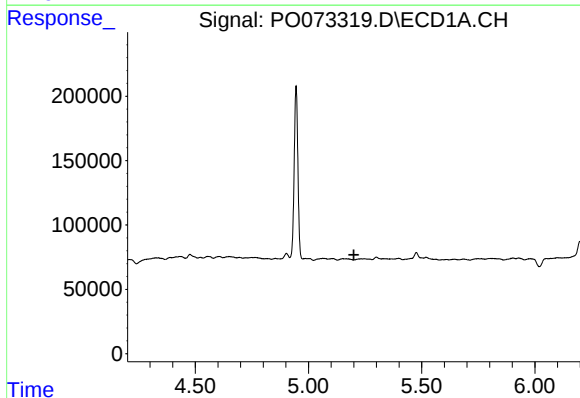
R.T.: 6.783 min
Delta R.T.: -0.002 min
Response: 32647
Conc: 20.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



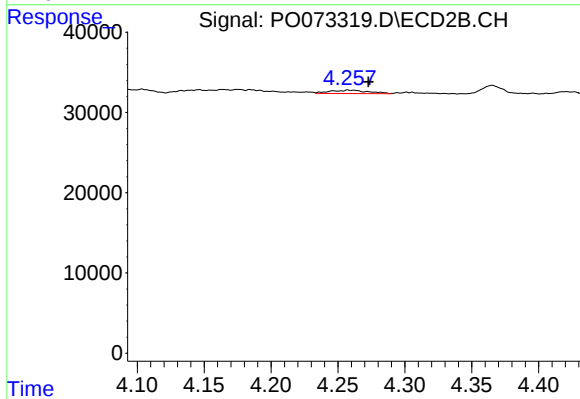
#7 AR-1016-5

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 84749
Conc: 74.09 ng/ml



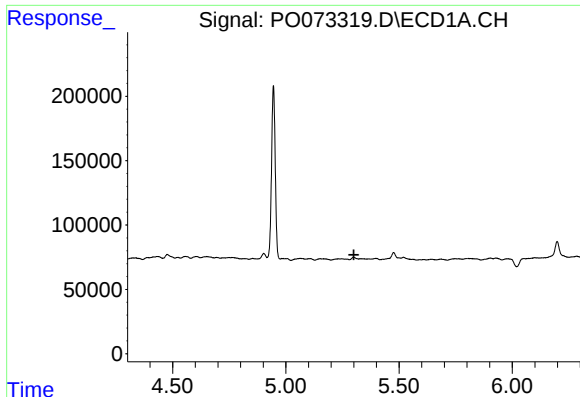
#8 AR-1221-1

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



#8 AR-1221-1

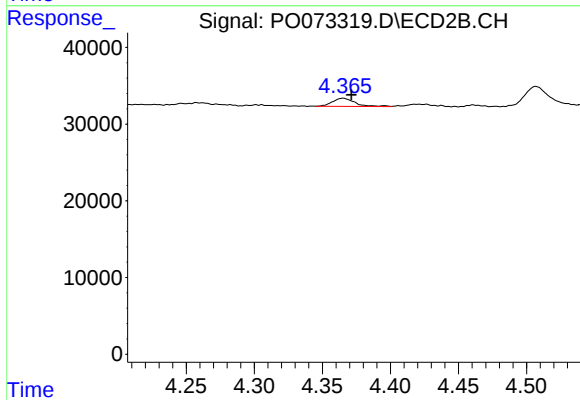
R.T.: 4.258 min
Delta R.T.: -0.015 min
Response: 8163
Conc: 18.88 ng/ml



#9 AR-1221-2

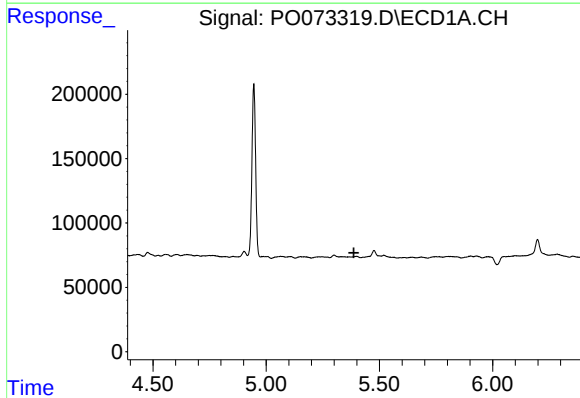
R.T.: 0.000 min
Exp R.T.: 5.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



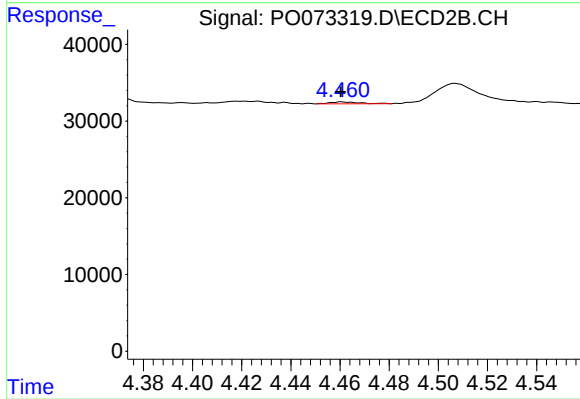
#9 AR-1221-2

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 12411
Conc: 38.01 ng/ml



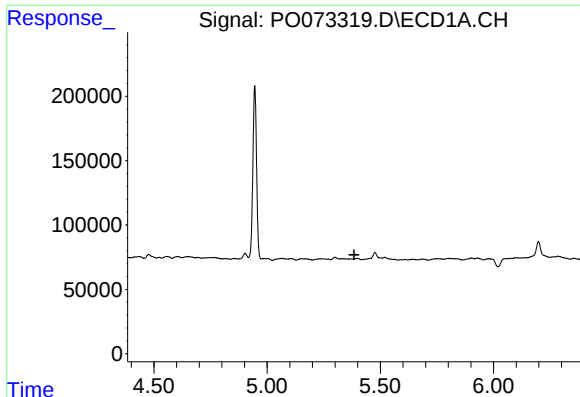
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.387 min
Response: 0
Conc: N.D.



#10 AR-1221-3

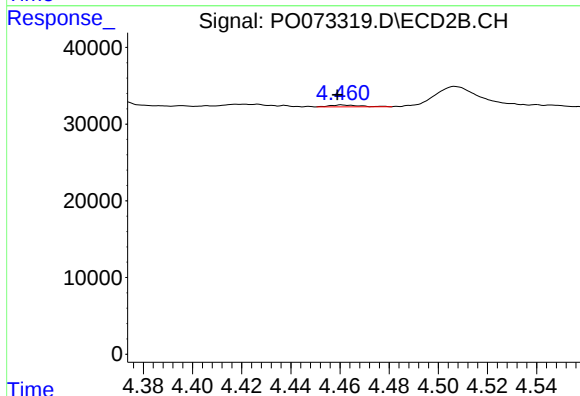
R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 1919
Conc: 1.94 ng/ml



#11 AR-1232-1

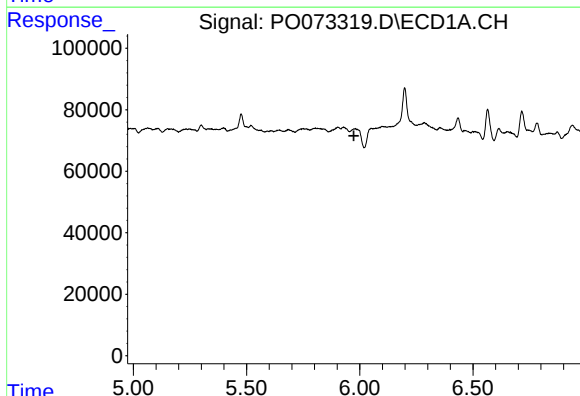
R.T.: 0.000 min
Exp R.T. : 5.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



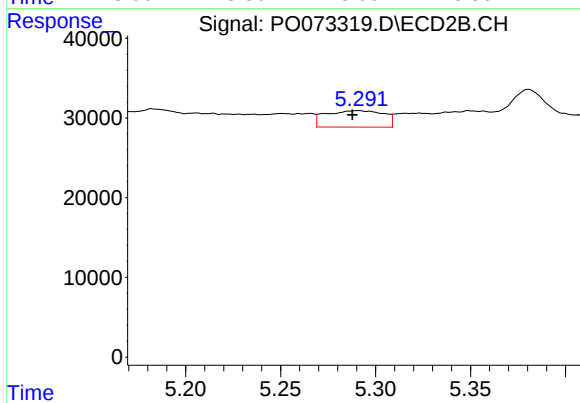
#11 AR-1232-1

R.T.: 4.461 min
Delta R.T.: 0.002 min
Response: 1919
Conc: 2.23 ng/ml



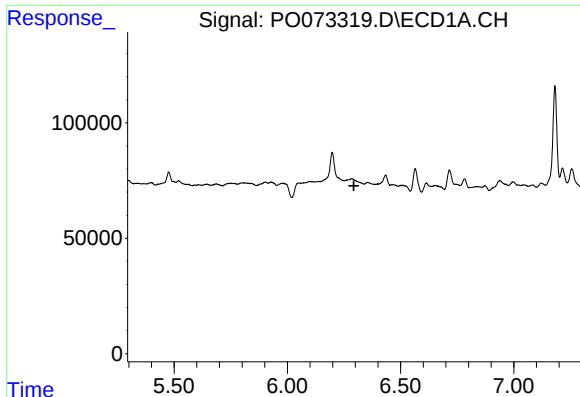
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.974 min
Response: 0
Conc: N.D.



#12 AR-1232-2

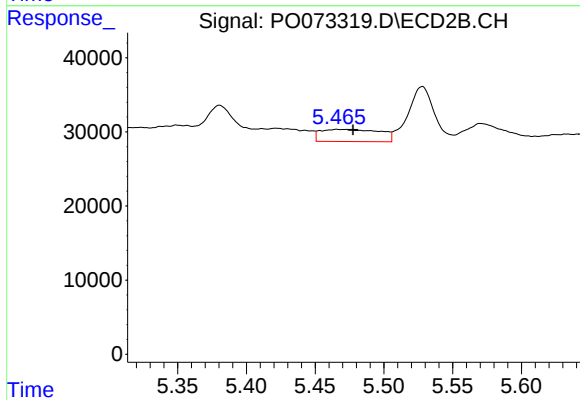
R.T.: 5.291 min
Delta R.T.: 0.003 min
Response: 43758
Conc: 46.94 ng/ml



#13 AR-1232-3

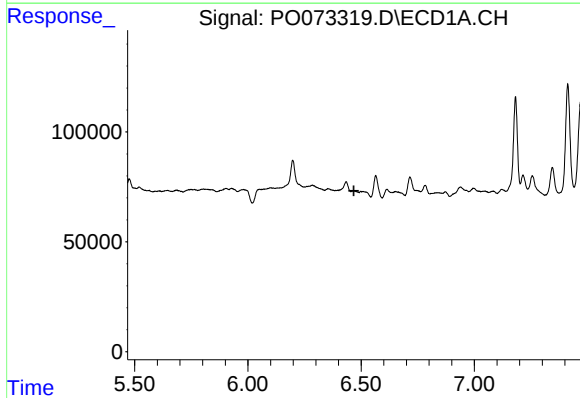
R.T.: 0.000 min
Exp R.T.: 6.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



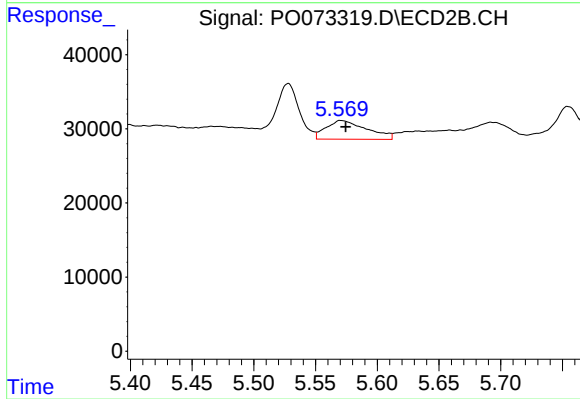
#13 AR-1232-3

R.T.: 5.466 min
Delta R.T.: -0.012 min
Response: 49391
Conc: 109.33 ng/ml



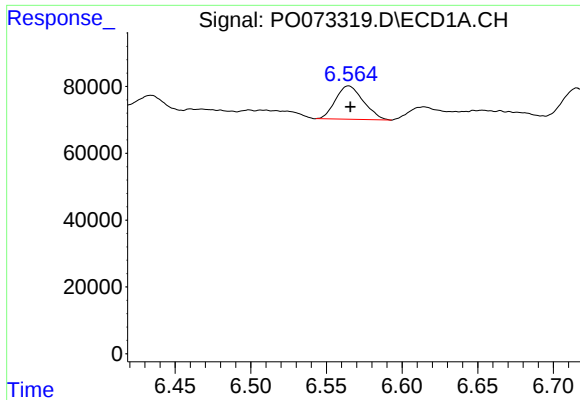
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.468 min
Response: 0
Conc: N.D.



#14 AR-1232-4

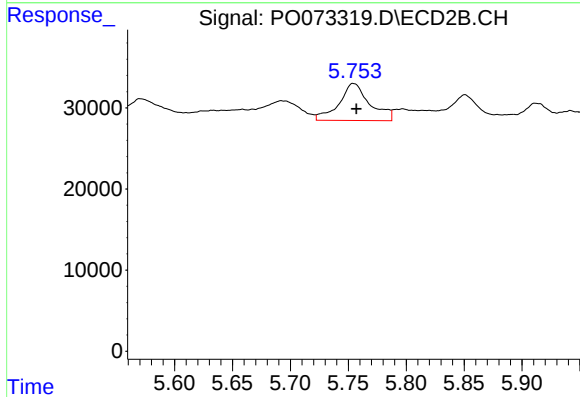
R.T.: 5.571 min
Delta R.T.: -0.004 min
Response: 57917
Conc: 131.46 ng/ml



#15 AR-1232-5

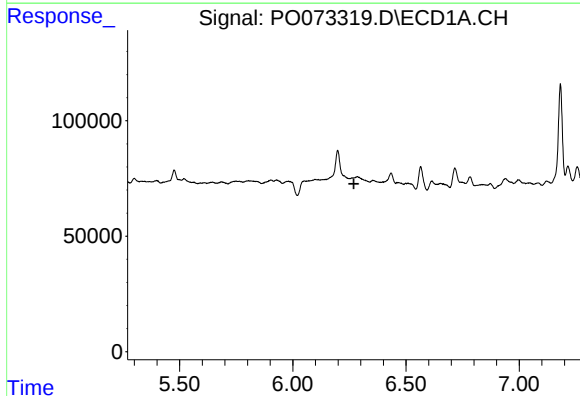
R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 127566
Conc: 243.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



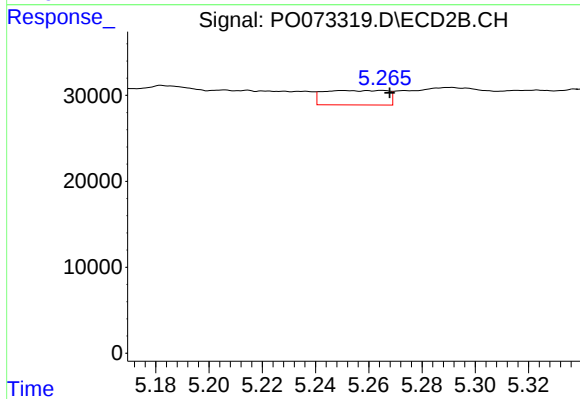
#15 AR-1232-5

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 84749
Conc: 170.60 ng/ml



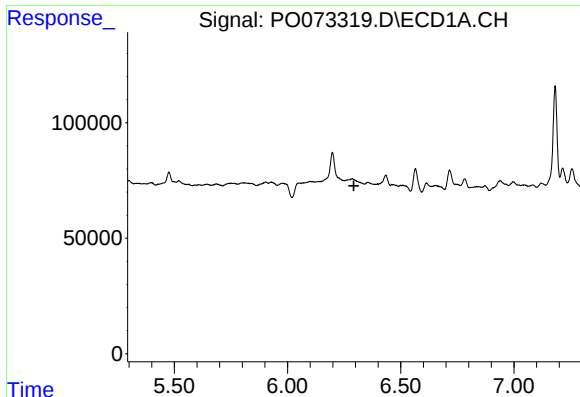
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.269 min
Response: 0
Conc: N.D.



#16 AR-1242-1

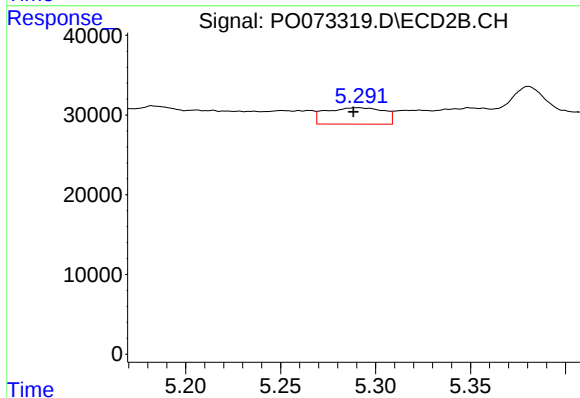
R.T.: 5.251 min
Delta R.T.: -0.017 min
Response: 27844
Conc: 22.52 ng/ml



#17 AR-1242-2

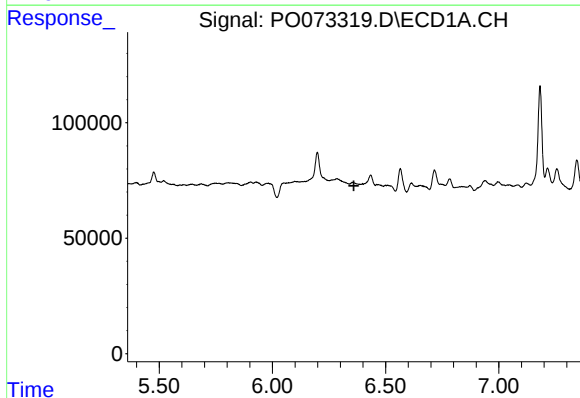
R.T.: 0.000 min
Exp R.T.: 6.293 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



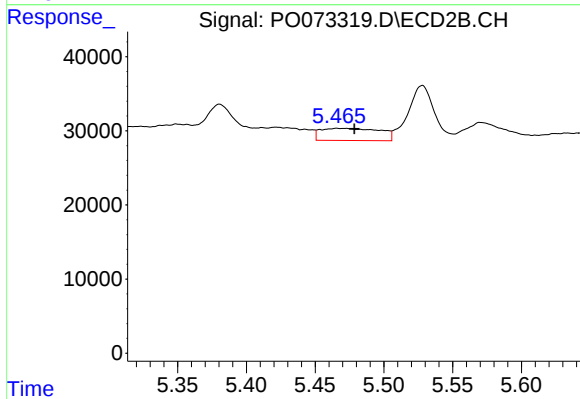
#17 AR-1242-2

R.T.: 5.291 min
Delta R.T.: 0.002 min
Response: 43758
Conc: 26.24 ng/ml



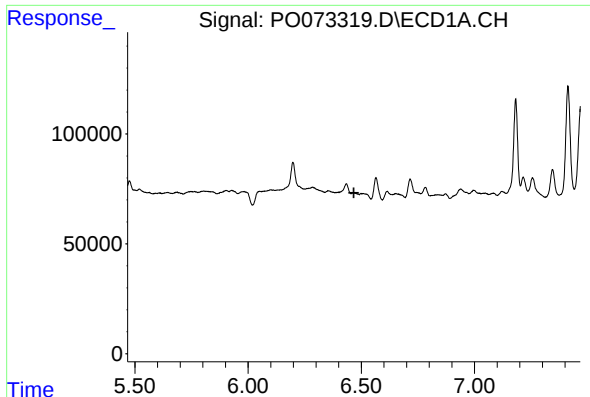
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.



#18 AR-1242-3

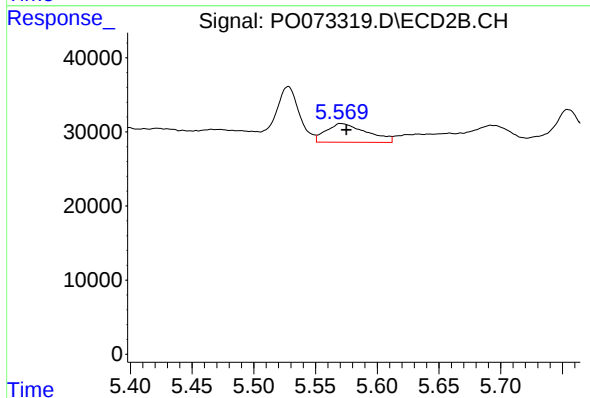
R.T.: 5.466 min
Delta R.T.: -0.012 min
Response: 49391
Conc: 59.85 ng/ml



#19 AR-1242-4

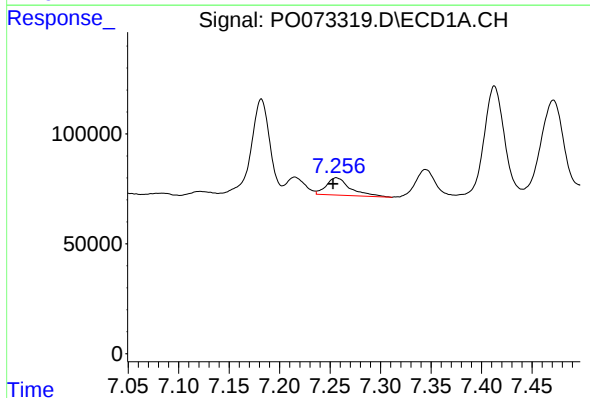
R.T.: 0.000 min
Exp R.T.: 6.468 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



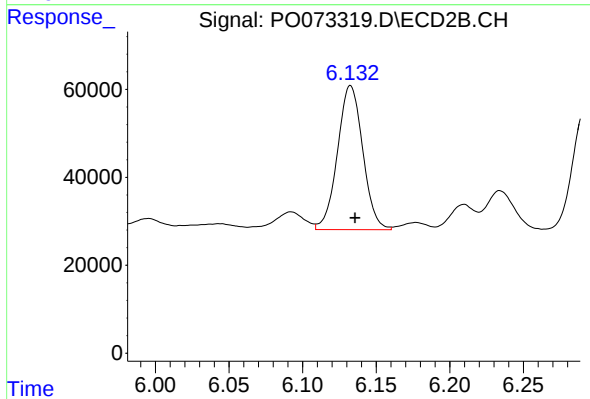
#19 AR-1242-4

R.T.: 5.571 min
Delta R.T.: -0.004 min
Response: 57917
Conc: 65.48 ng/ml



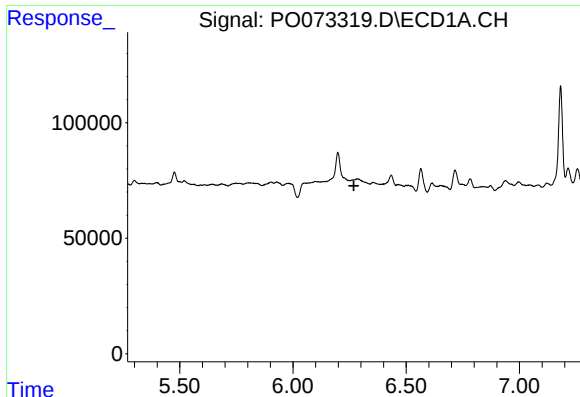
#20 AR-1242-5

R.T.: 7.256 min
Delta R.T.: 0.003 min
Response: 130853
Conc: 81.73 ng/ml



#20 AR-1242-5

R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 391879
Conc: 335.90 ng/ml



#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 6.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :

#21 AR-1248-1

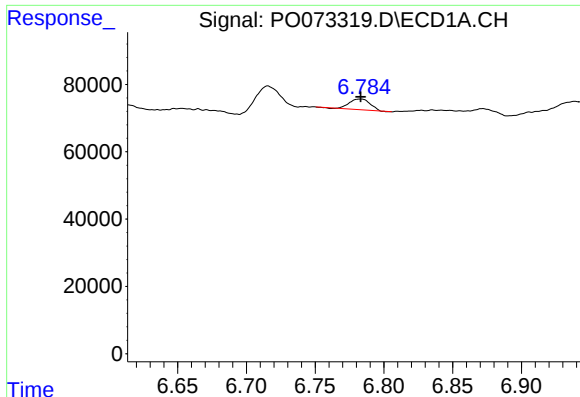
R.T.: 5.251 min
Delta R.T.: -0.016 min
Response: 27844
Conc: 29.57 ng/ml

#22 AR-1248-2

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 127566
Conc: 64.30 ng/ml

#22 AR-1248-2

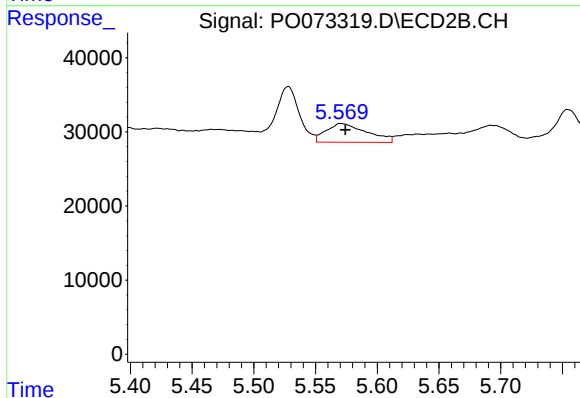
R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 99776
Conc: 78.79 ng/ml



#23 AR-1248-3

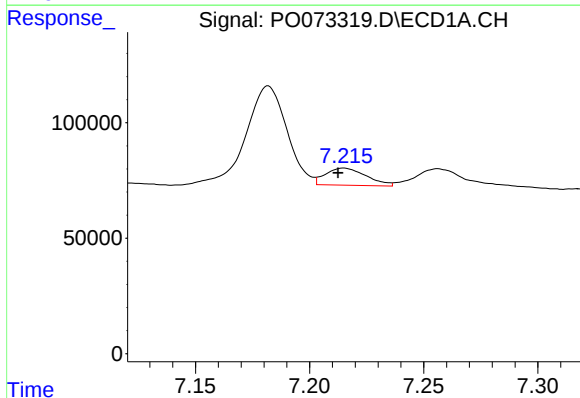
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 32647
Conc: 14.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



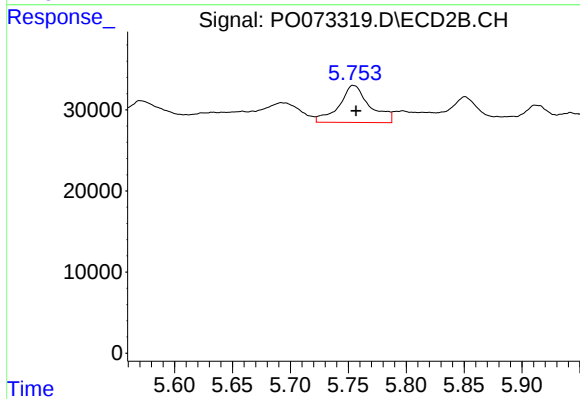
#23 AR-1248-3

R.T.: 5.571 min
Delta R.T.: -0.003 min
Response: 57917
Conc: 44.04 ng/ml



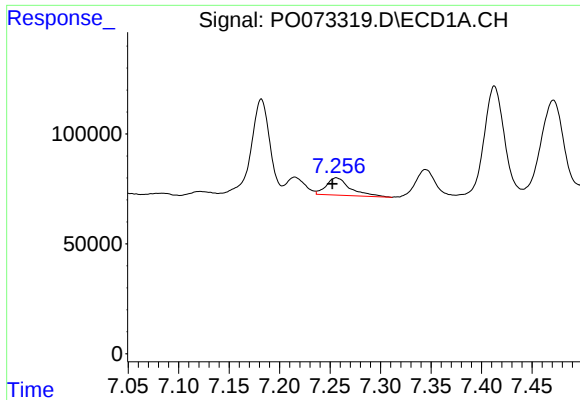
#24 AR-1248-4

R.T.: 7.215 min
Delta R.T.: 0.003 min
Response: 91460
Conc: 30.77 ng/ml



#24 AR-1248-4

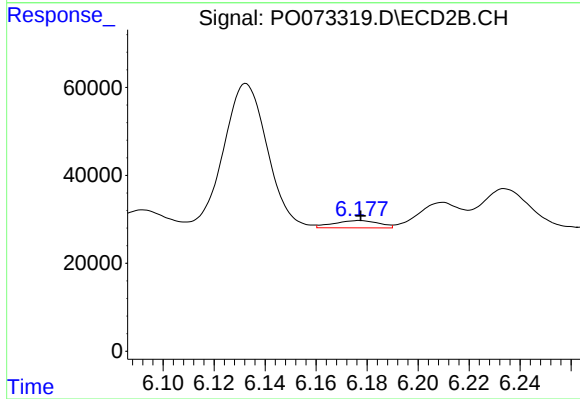
R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 84749
Conc: 53.54 ng/ml



#25 AR-1248-5

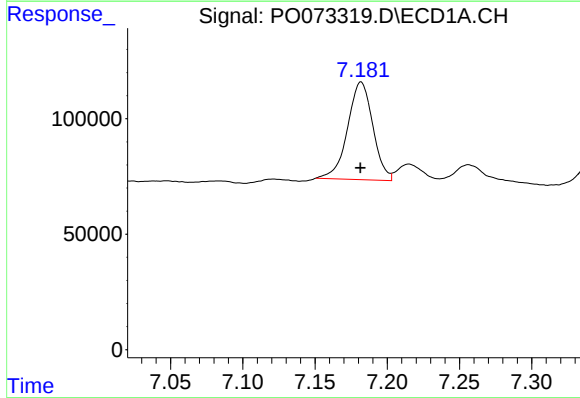
R.T.: 7.256 min
Delta R.T.: 0.004 min
Response: 130853
Conc: 46.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



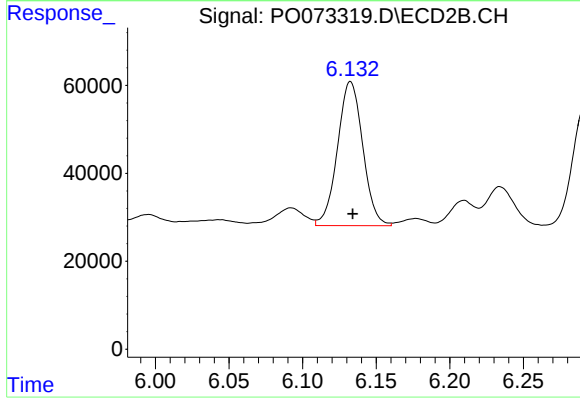
#25 AR-1248-5

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 20404
Conc: 12.30 ng/ml



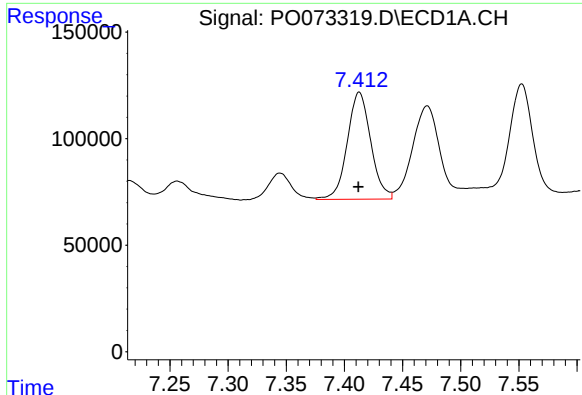
#26 AR-1254-1

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 514508
Conc: 174.71 ng/ml



#26 AR-1254-1

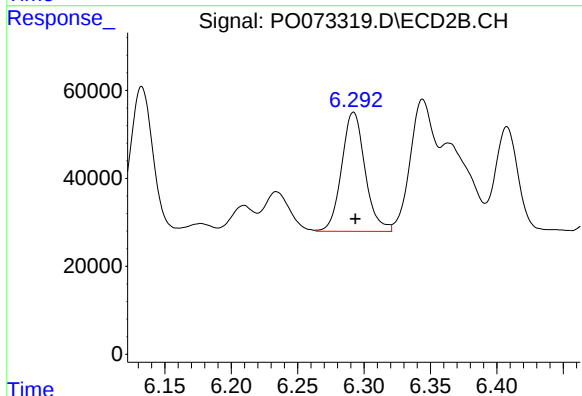
R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 391879
Conc: 159.36 ng/ml



#27 AR-1254-2

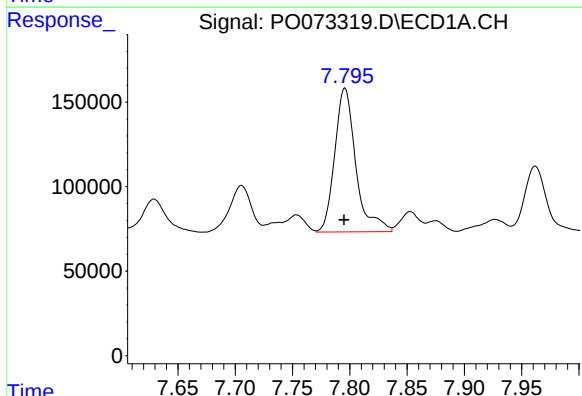
R.T.: 7.413 min
Delta R.T.: 0.000 min
Response: 706838
Conc: 148.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



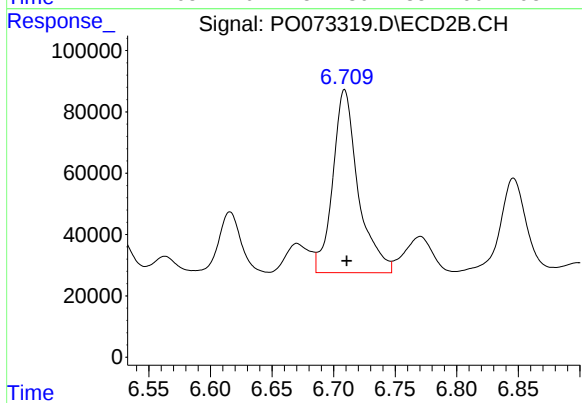
#27 AR-1254-2

R.T.: 6.292 min
Delta R.T.: -0.001 min
Response: 332414
Conc: 152.04 ng/ml



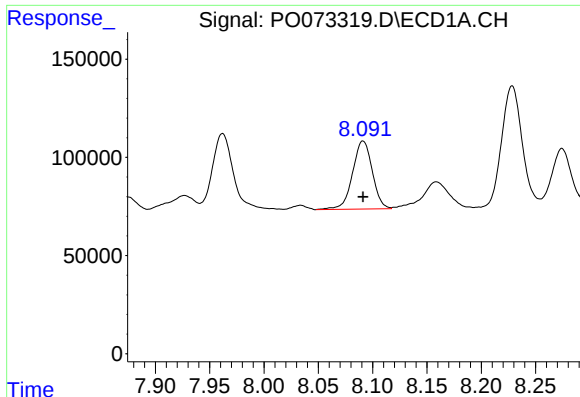
#28 AR-1254-3

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 1092892
Conc: 228.57 ng/ml



#28 AR-1254-3

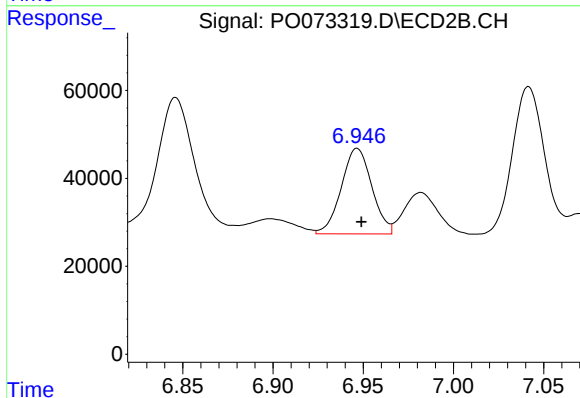
R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 857887
Conc: 234.98 ng/ml



#29 AR-1254-4

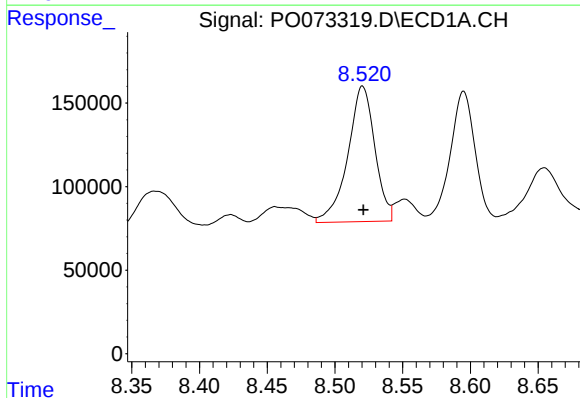
R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 438824
Conc: 102.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



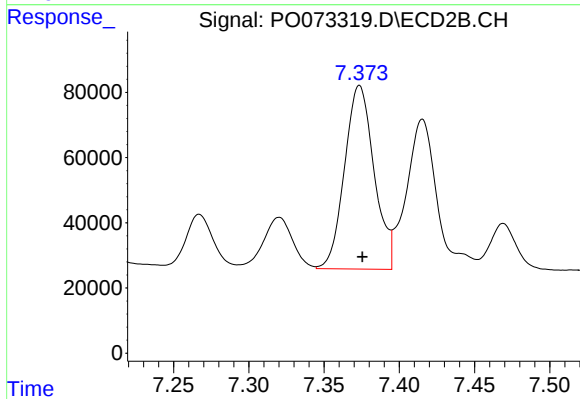
#29 AR-1254-4

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 229463
Conc: 95.95 ng/ml



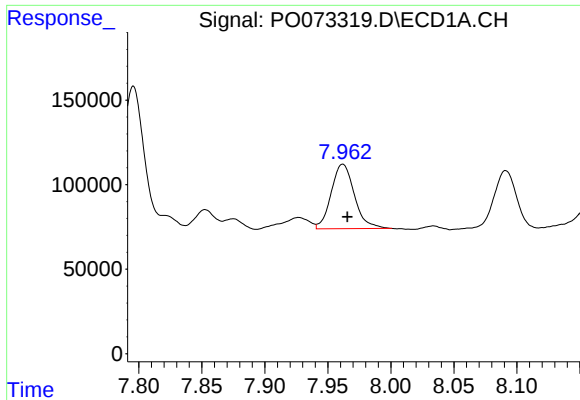
#30 AR-1254-5

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 1129387
Conc: 282.92 ng/ml



#30 AR-1254-5

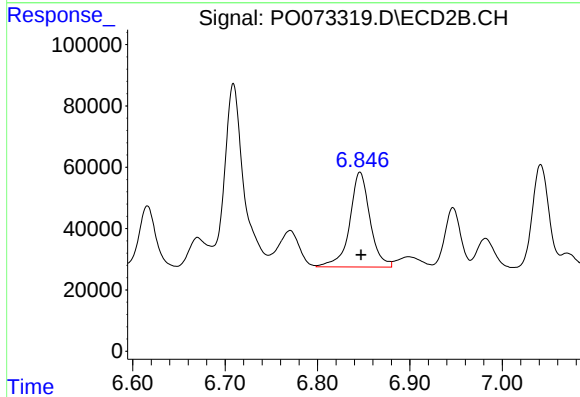
R.T.: 7.374 min
Delta R.T.: -0.002 min
Response: 770803
Conc: 232.56 ng/ml



#31 AR-1260-1

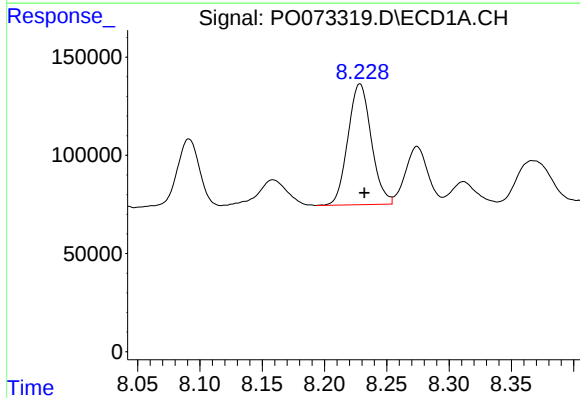
R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 489776
Conc: 163.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



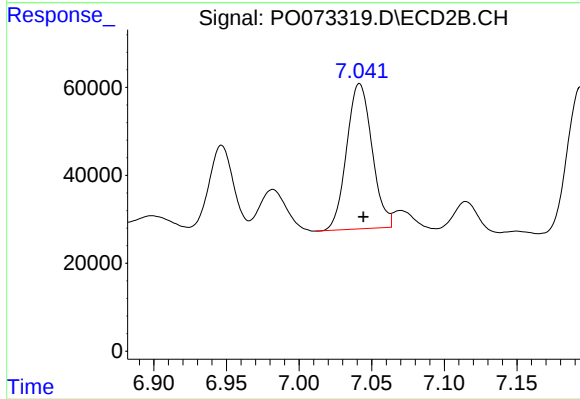
#31 AR-1260-1

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 471761
Conc: 208.14 ng/ml



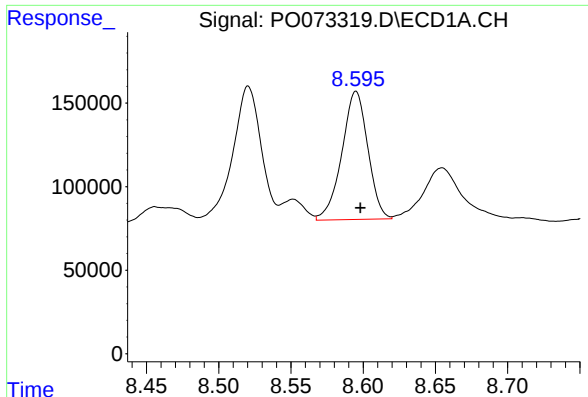
#32 AR-1260-2

R.T.: 8.228 min
Delta R.T.: -0.004 min
Response: 803079
Conc: 187.44 ng/ml



#32 AR-1260-2

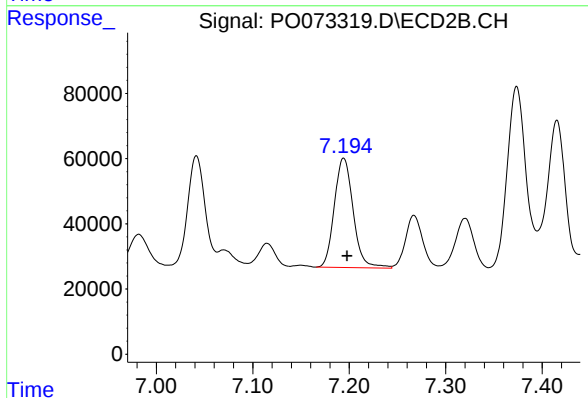
R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 402010
Conc: 149.32 ng/ml



#33 AR-1260-3

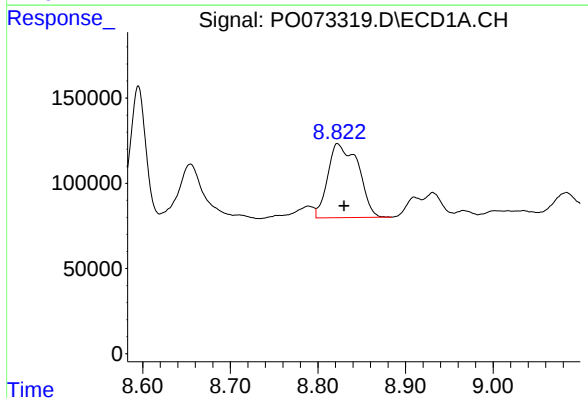
R.T.: 8.595 min
Delta R.T.: -0.003 min
Response: 960971
Conc: 296.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



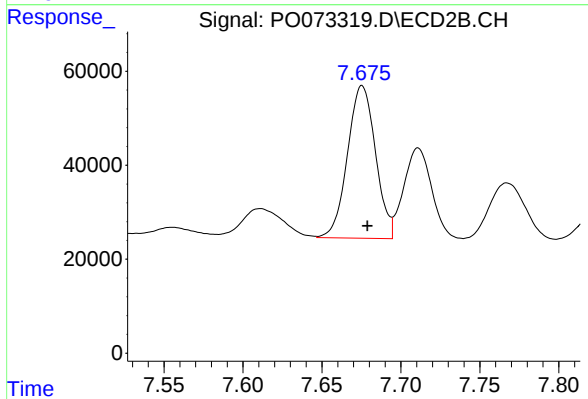
#33 AR-1260-3

R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 455386
Conc: 184.92 ng/ml



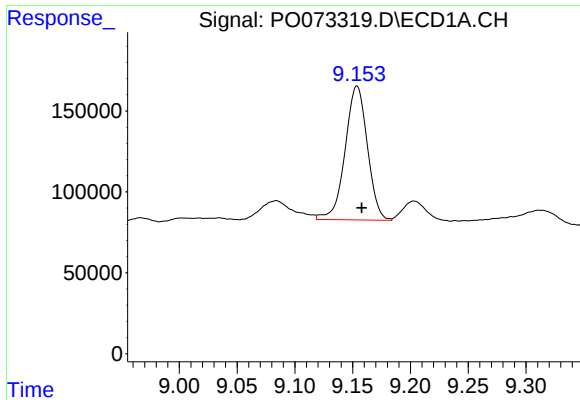
#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: -0.008 min
Response: 1048980
Conc: 336.23 ng/ml



#34 AR-1260-4

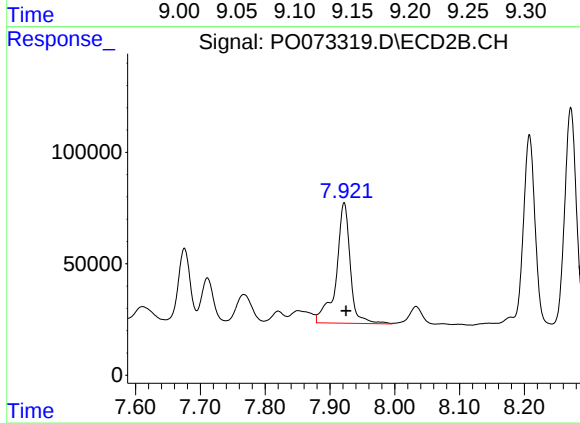
R.T.: 7.675 min
Delta R.T.: -0.003 min
Response: 401334
Conc: 196.92 ng/ml



#35 AR-1260-5

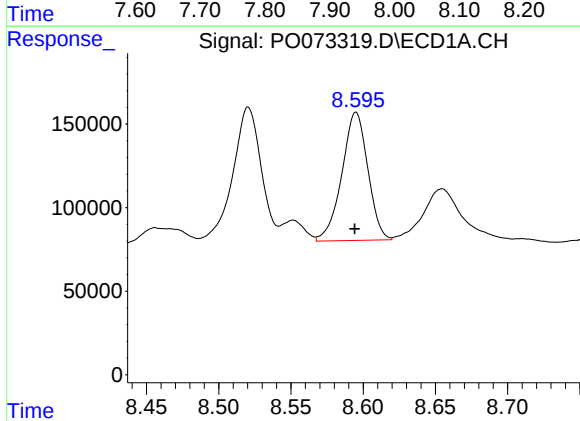
R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 1107848
Conc: 154.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



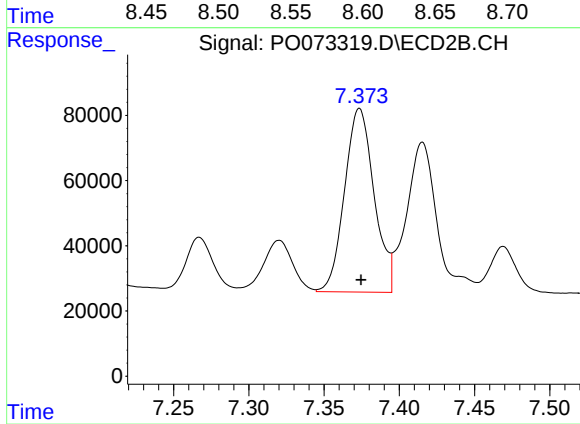
#35 AR-1260-5

R.T.: 7.922 min
Delta R.T.: -0.003 min
Response: 812248
Conc: 171.60 ng/ml



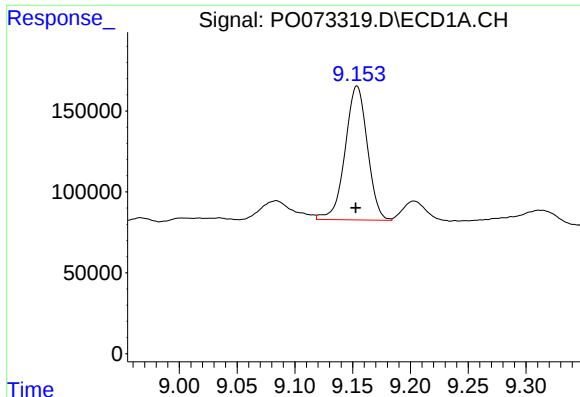
#36 AR-1262-1

R.T.: 8.595 min
Delta R.T.: 0.000 min
Response: 960971
Conc: 194.36 ng/ml



#36 AR-1262-1

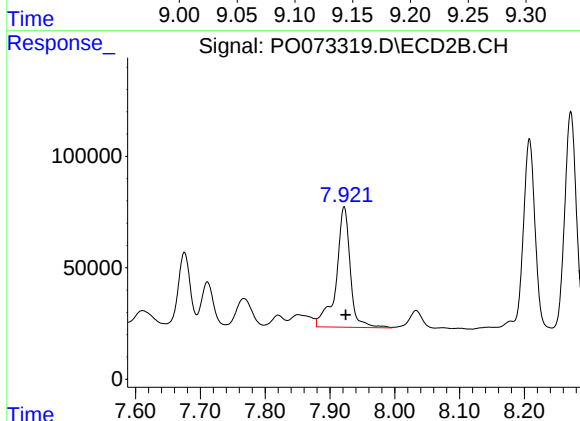
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 770803
Conc: 480.45 ng/ml



#37 AR-1262-2

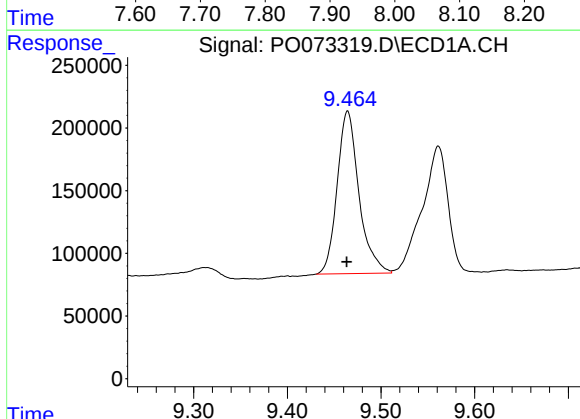
R.T.: 9.154 min
Delta R.T.: 0.001 min
Response: 1107848
Conc: 134.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



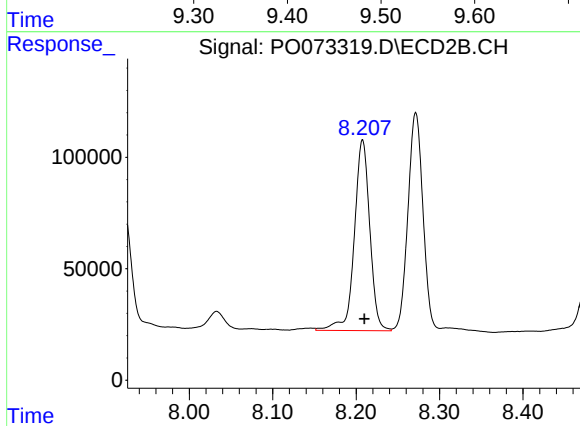
#37 AR-1262-2

R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 812248
Conc: 154.70 ng/ml



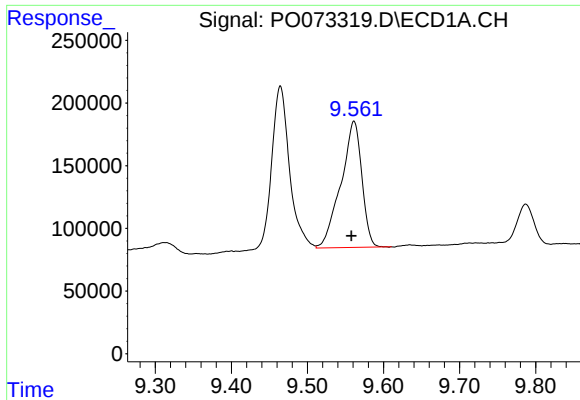
#38 AR-1262-3

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 2100341
Conc: 407.05 ng/ml



#38 AR-1262-3

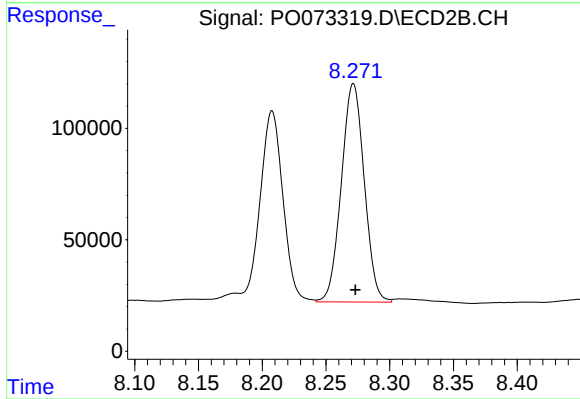
R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 1102567
Conc: 526.98 ng/ml



#39 AR-1262-4

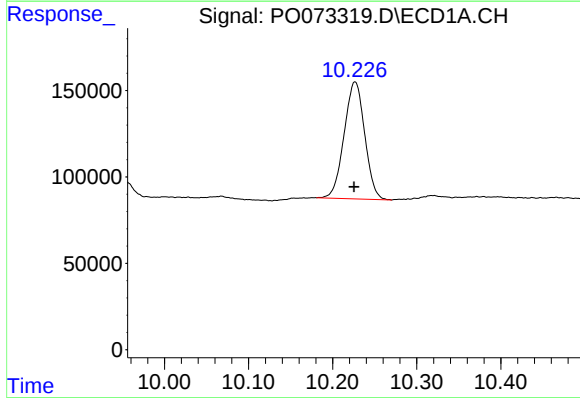
R.T.: 9.561 min
Delta R.T.: 0.004 min
Response: 1926909
Conc: 487.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



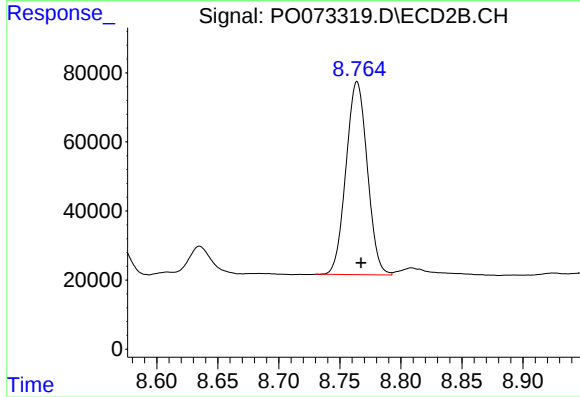
#39 AR-1262-4

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 1224914
Conc: 323.04 ng/ml



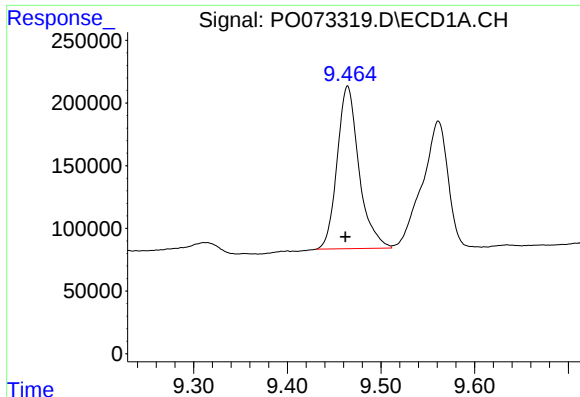
#40 AR-1262-5

R.T.: 10.227 min
Delta R.T.: 0.001 min
Response: 1154007
Conc: 421.54 ng/ml



#40 AR-1262-5

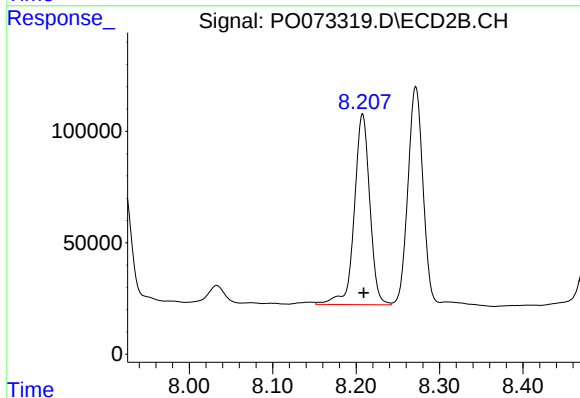
R.T.: 8.764 min
Delta R.T.: -0.003 min
Response: 678411
Conc: 394.31 ng/ml



#41 AR-1268-1

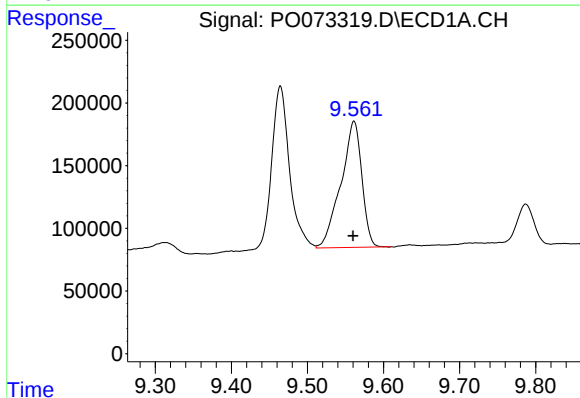
R.T.: 9.464 min
Delta R.T.: 0.002 min
Response: 2100341
Conc: 216.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



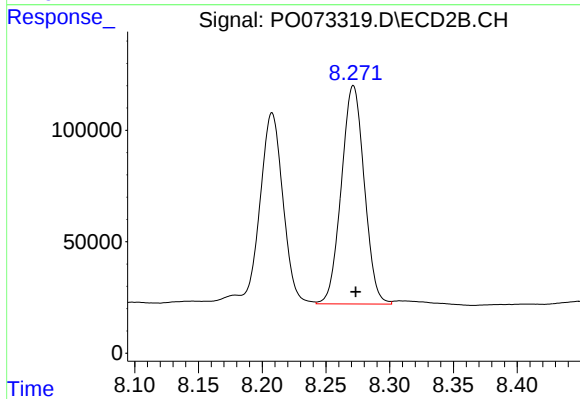
#41 AR-1268-1

R.T.: 8.208 min
Delta R.T.: -0.001 min
Response: 1102567
Conc: 181.94 ng/ml



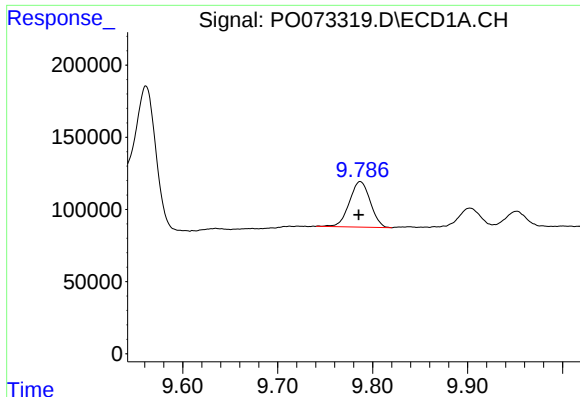
#42 AR-1268-2

R.T.: 9.561 min
Delta R.T.: 0.001 min
Response: 1926909
Conc: 227.14 ng/ml



#42 AR-1268-2

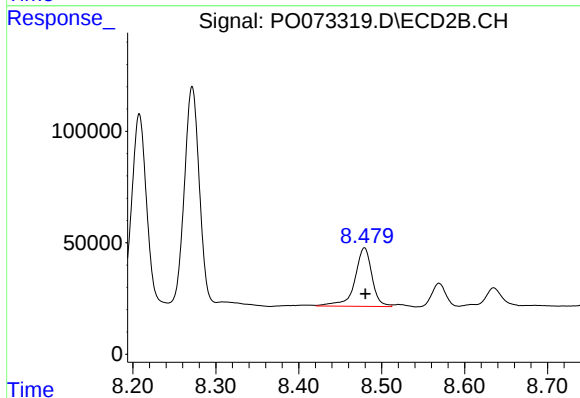
R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 1224914
Conc: 225.32 ng/ml



#43 AR-1268-3

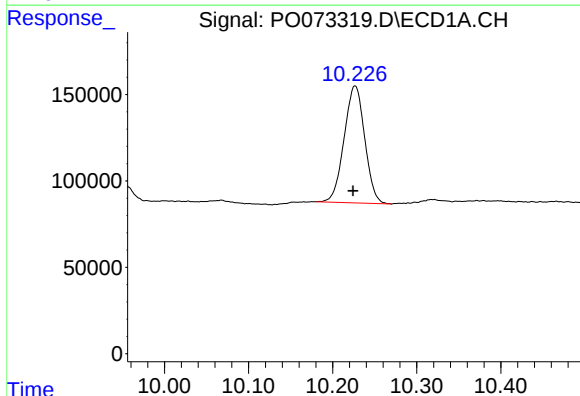
R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 482006
Conc: 64.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



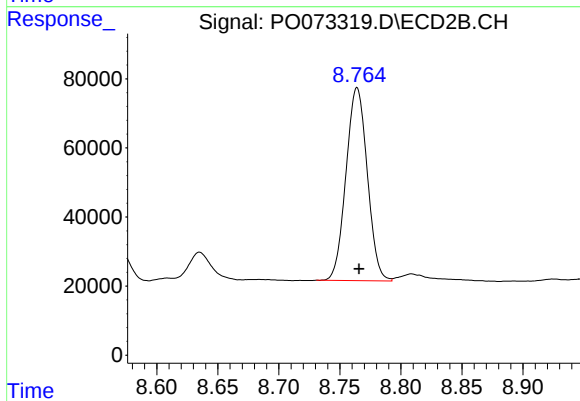
#43 AR-1268-3

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 379236
Conc: 80.11 ng/ml



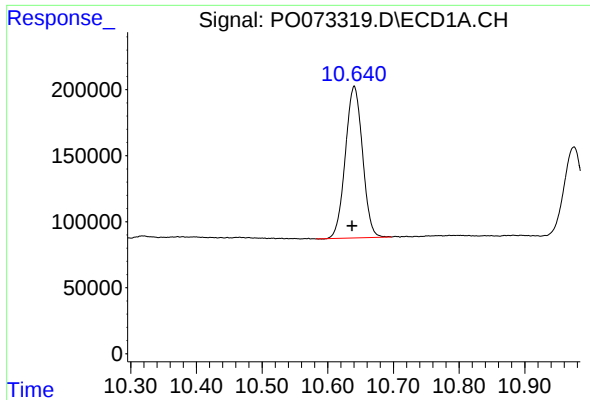
#44 AR-1268-4

R.T.: 10.227 min
Delta R.T.: 0.003 min
Response: 1154007
Conc: 378.94 ng/ml



#44 AR-1268-4

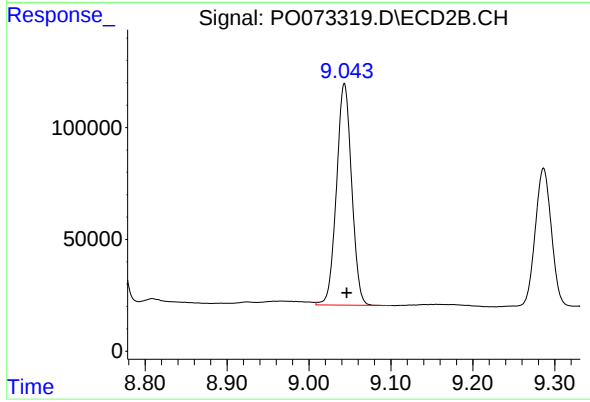
R.T.: 8.764 min
Delta R.T.: -0.002 min
Response: 678411
Conc: 347.83 ng/ml



#45 AR-1268-5

R.T.: 10.640 min
Delta R.T.: 0.003 min
Response: 2082834
Conc: 98.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.043 min
Delta R.T.: -0.003 min
Response: 1271541
Conc: 92.74 ng/ml