

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082718\
 Data File : P0048544.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Aug 2018 18:59
 Operator : SM/SJ
 Sample : J4659-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 082218-TIPC-F-D-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:48:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 2018
 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...	4.382	3.625	4606673	4820209	24.318	17.805 #
2) SA Decachlor...	10.062	8.599	3445843	3230335	20.011	19.288
Target Compounds						
3) L1 AR-1016-1	5.092	4.294	337952	736803	70.864	122.959 #
4) L1 AR-1016-2	5.286	4.704	172756	969919	36.842	110.415 #
5) L1 AR-1016-3	5.550	4.722	848235	1783652	124.659	139.340
6) L1 AR-1016-4	5.634	4.778	560720	1019146	92.233	124.267 #
7) L1 AR-1016-5	6.025	5.151	508253	608986	101.773	82.390
8) L2 AR-1221-1	4.591	3.861	168308	-14289	80.054	N.D. #
9) L2 AR-1221-2	4.708	3.942	98410	88841	64.907	46.179 #
10) L2 AR-1221-3	4.768	4.000	1075972	10389	216.886	1.666 #
11) L3 AR-1232-1	5.571	4.481	1379165	505423	306.938	173.180 #
12) L3 AR-1232-2	5.733	4.722	483621	1783652	212.874	297.869 #
13) L3 AR-1232-3	5.821	4.981	768240	658634	456.883	250.601 #
14) L3 AR-1232-4	6.400	5.300	1069021	1165916	660.003	420.269 #
15) L3 AR-1232-5	6.466	5.542	1242401	1275963	528.024	414.518
16) L4 AR-1242-1	5.119	4.313	348789	304549	145.595	87.088 #
17) L4 AR-1242-2	5.865	4.898	876121	548256	241.722	100.230 #
18) L4 AR-1242-3	6.064	4.939	385750	554787	223.550	132.201 #
19) L4 AR-1242-4	6.110	5.715	203716	573763	157.902	130.167
20) L4 AR-1242-5	6.168	5.760	737525	804596	165.044	218.869 #
21) L5 AR-1248-1	5.821	4.939	768240	554787	130.139	73.209 #
22) L5 AR-1248-2	6.400	5.501	1069021	1890170	183.927	143.570
23) L5 AR-1248-3	6.428	5.542	1224770	1275963	158.707	139.858
24) L5 AR-1248-4	6.466	5.715	1242401	573763	169.608	72.695 #
25) L5 AR-1248-5	6.664	6.050	870537	1576751	179.934	263.051 #
26) L6 AR-1254-1	6.621	5.647	1395623	850131	102.810	59.088 #
27) L6 AR-1254-2	6.898	5.960	698956	857283	84.687	74.019
28) L6 AR-1254-3	6.985	6.277	1201034	1229363	83.707	83.928
29) L6 AR-1254-4	7.269	6.591	1100124	684270	100.100	69.532 #
30) L6 AR-1254-5	7.541	6.693	768335	1452404	94.278	74.531
31) L7 AR-1260-1	7.147	6.178	515903	1234506	51.791	89.143 #
32) L7 AR-1260-2	7.402	6.364	592166	874024	49.434	49.821
33) L7 AR-1260-3	7.686	6.517	882936	648063	64.333	42.265 #
34) L7 AR-1260-4	7.979	6.986	464617	197485	46.928	16.966 #
35) L7 AR-1260-5	8.303	7.228	613026	423094	32.112	15.625 #
36) L8 AR-1262-1	7.039	6.050	237786	1576751	30.447	148.336 #
38) L8 AR-1262-3	0.000	7.027	0	432334	N.D.	45.790 #
39) L8 AR-1262-4	0.000	7.510	0	203118	N.D.	15.094 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082718\
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 Acq On : 27 Aug 2018 18:59
 Operator : SM/SJ
 Sample : J4659-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

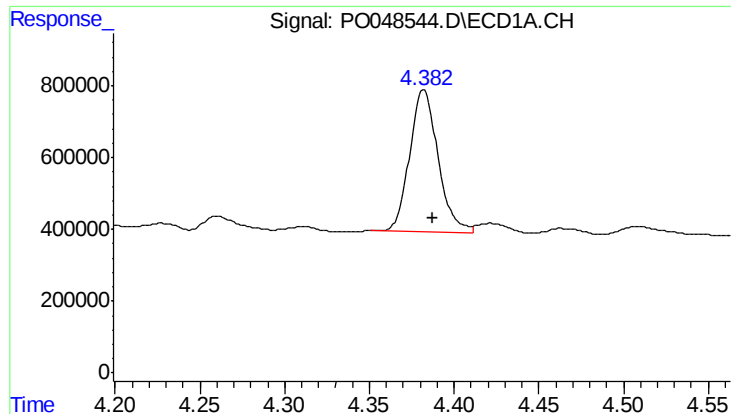
Instrument :
 ECD_O
 ClientSampleId :
 082218-TIPC-F-D-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:48:35 2018
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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
40) L8	AR-1262-5	0.000	8.065	0	109457	N.D.	10.627 #
41) L9	AR-1268-1	7.715	6.693	92502	1452404	17.433	187.767 #
42) L9	AR-1268-2	7.979	7.574	464617	344106	68.040	11.400 #
43) L9	AR-1268-3	8.620	7.825	237065	94011	9.189	3.785 #
44) L9	AR-1268-4	0.000	7.825	0	94011	N.D.	14.370 #

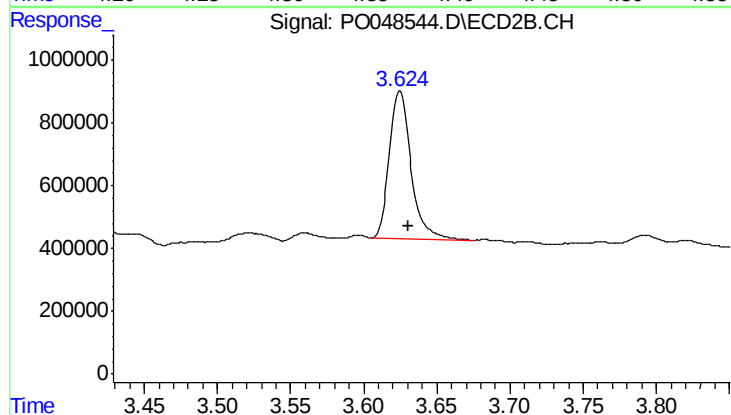
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

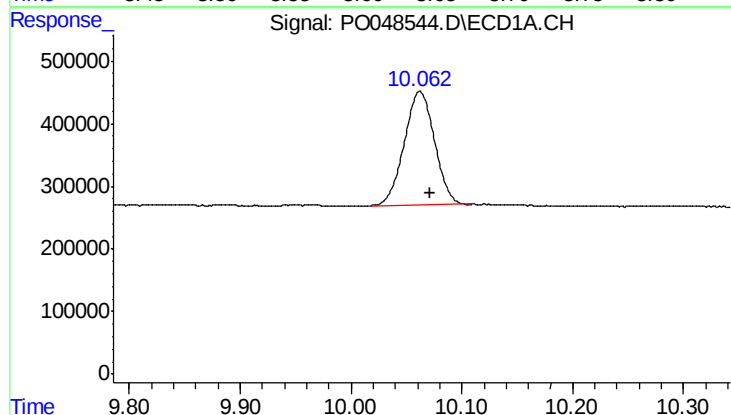
R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 4606673
Conc: 24.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



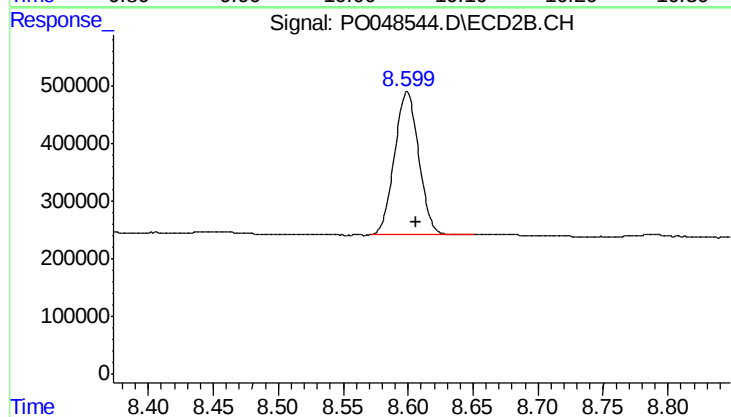
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.006 min
Response: 4820209
Conc: 17.80 ng/ml



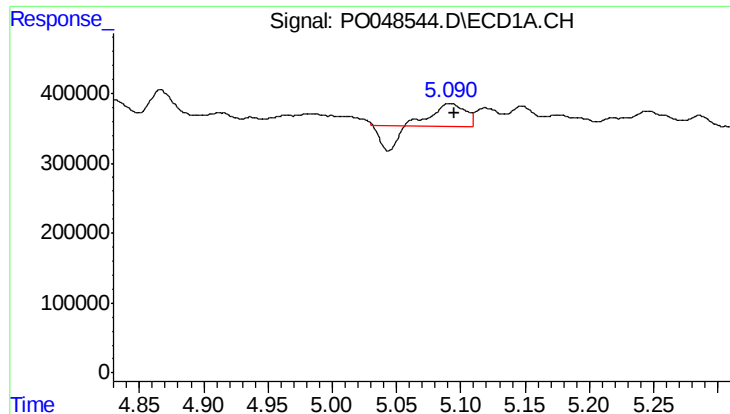
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: -0.010 min
Response: 3445843
Conc: 20.01 ng/ml



#2 Decachlorobiphenyl

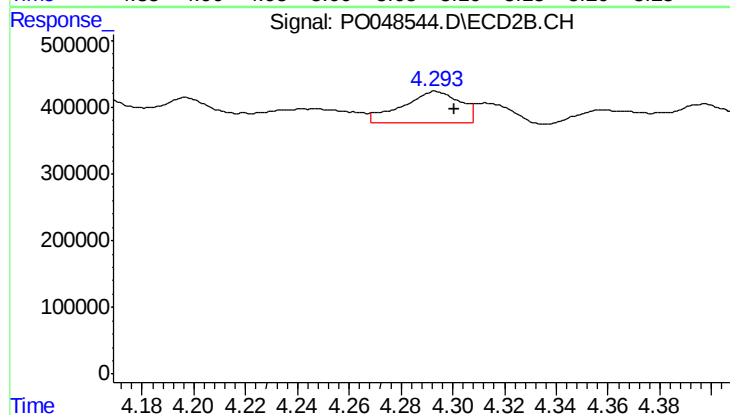
R.T.: 8.599 min
Delta R.T.: -0.007 min
Response: 3230335
Conc: 19.29 ng/ml



#3 AR-1016-1

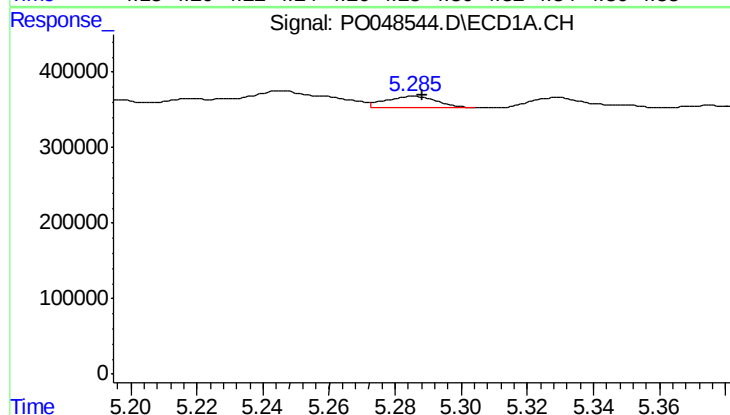
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 337952
Conc: 70.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



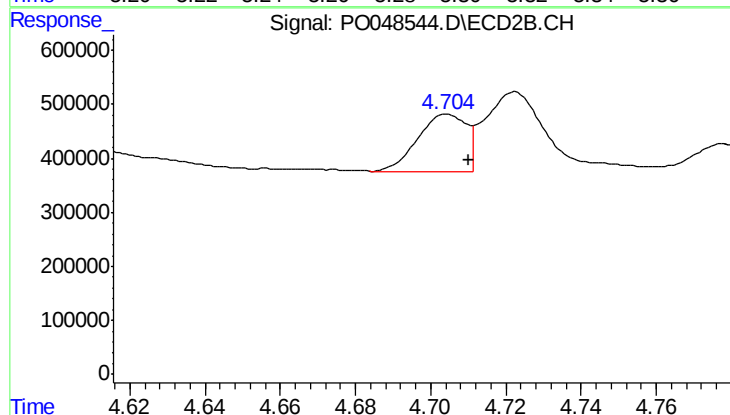
#3 AR-1016-1

R.T.: 4.294 min
Delta R.T.: -0.007 min
Response: 736803
Conc: 122.96 ng/ml



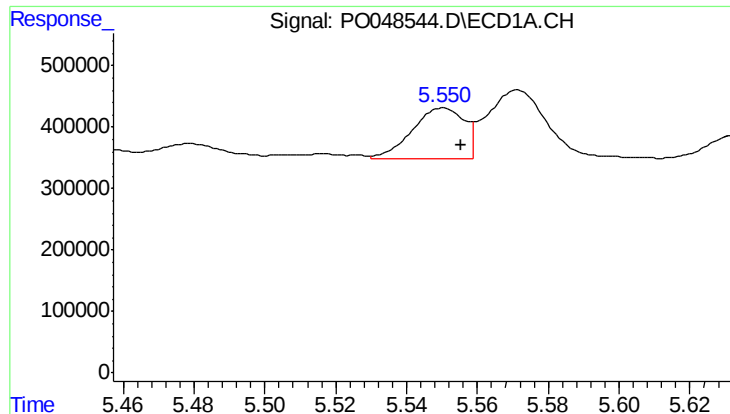
#4 AR-1016-2

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 172756
Conc: 36.84 ng/ml



#4 AR-1016-2

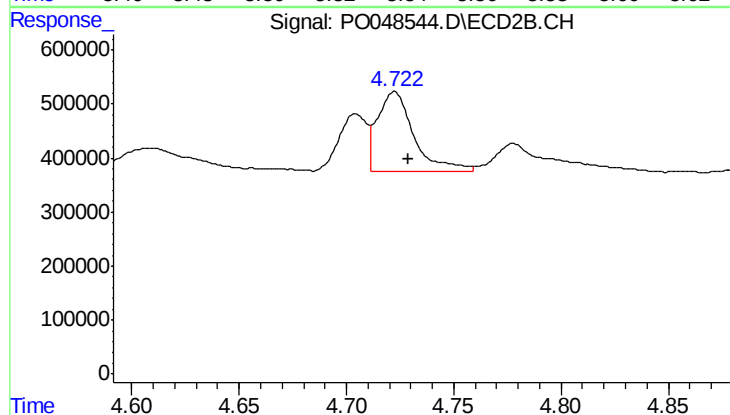
R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 969919
Conc: 110.42 ng/ml



#5 AR-1016-3

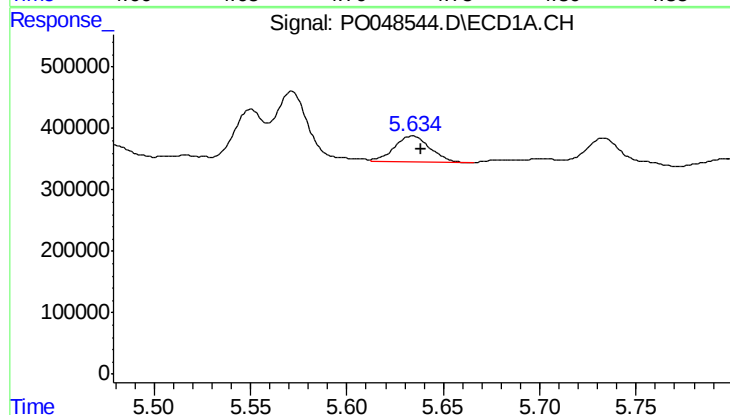
R.T.: 5.550 min
Delta R.T.: -0.005 min
Response: 848235
Conc: 124.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



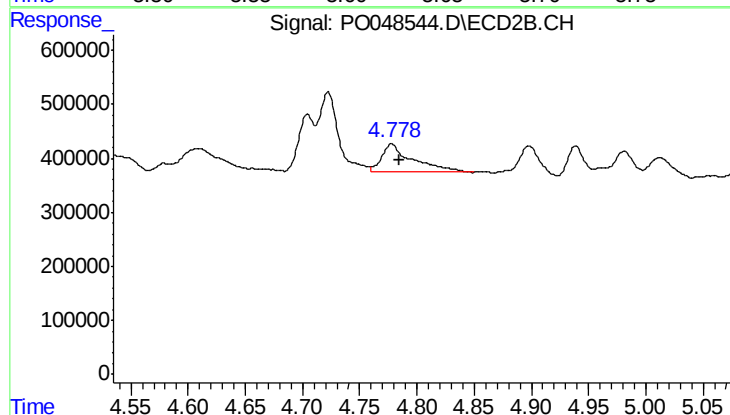
#5 AR-1016-3

R.T.: 4.722 min
Delta R.T.: -0.006 min
Response: 1783652
Conc: 139.34 ng/ml



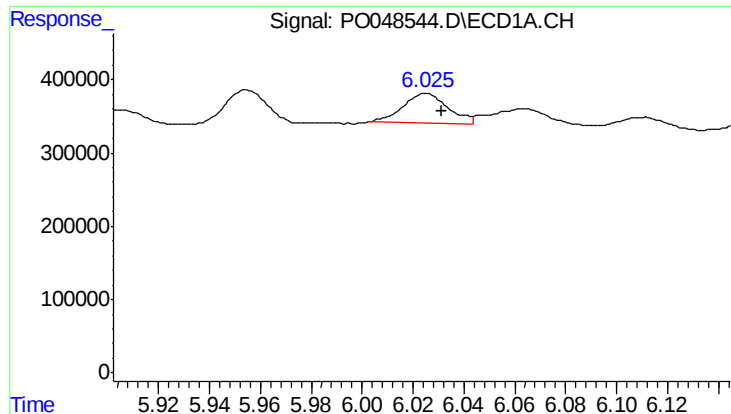
#6 AR-1016-4

R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 560720
Conc: 92.23 ng/ml



#6 AR-1016-4

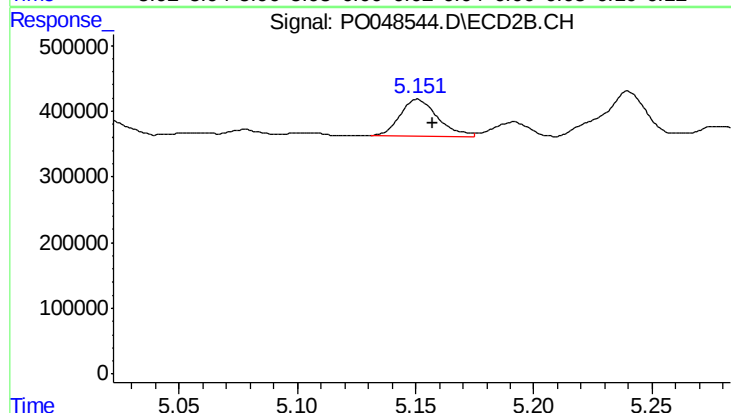
R.T.: 4.778 min
Delta R.T.: -0.006 min
Response: 1019146
Conc: 124.27 ng/ml



#7 AR-1016-5

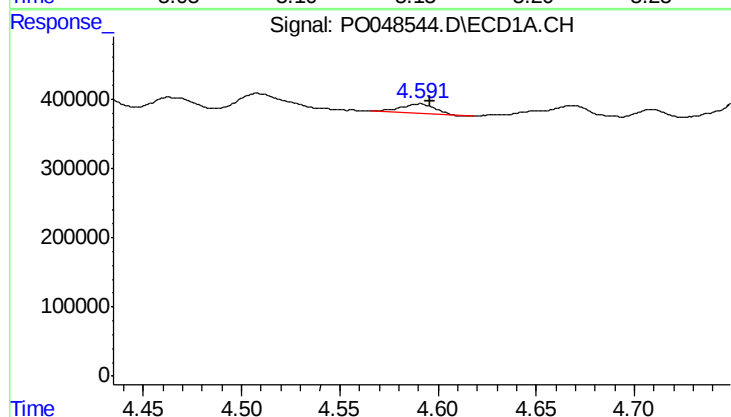
R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 508253
Conc: 101.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



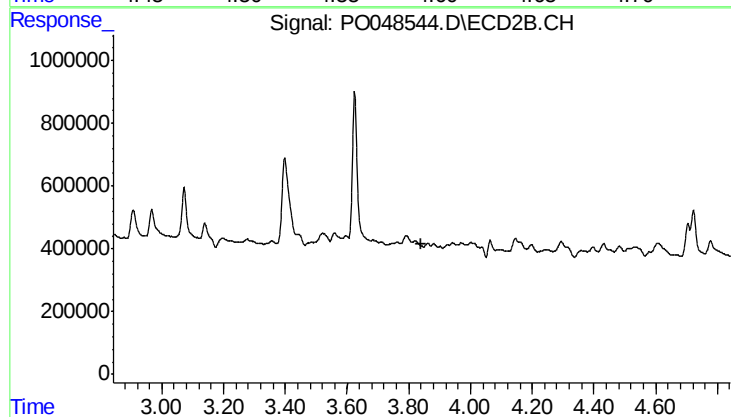
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 608986
Conc: 82.39 ng/ml



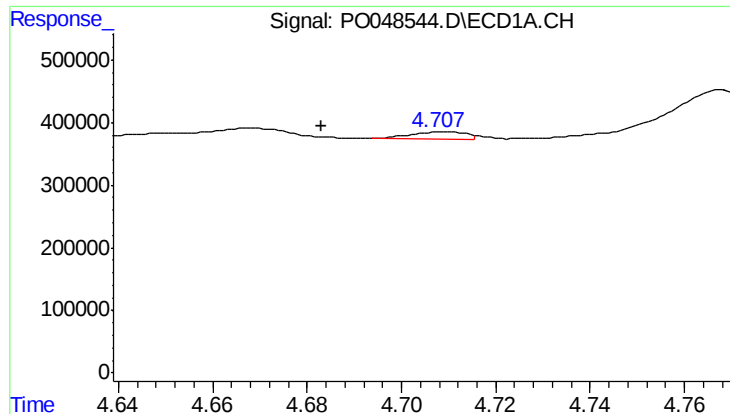
#8 AR-1221-1

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 168308
Conc: 80.05 ng/ml



#8 AR-1221-1

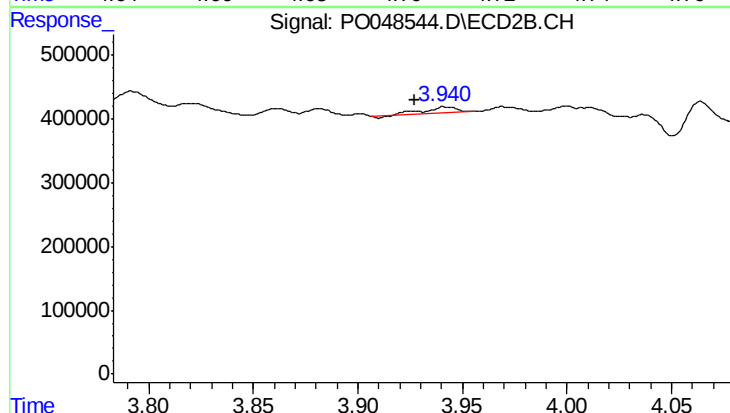
R.T.: 3.861 min
Delta R.T.: 0.019 min
Response: -14289
Conc: N.D.



#9 AR-1221-2

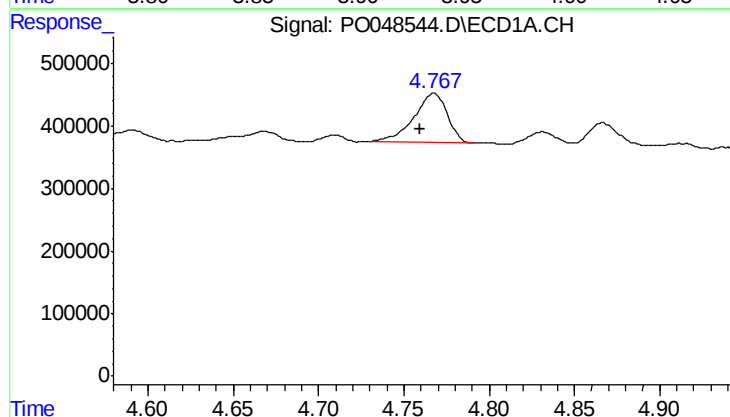
R.T.: 4.708 min
Delta R.T.: 0.025 min
Response: 98410
Conc: 64.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



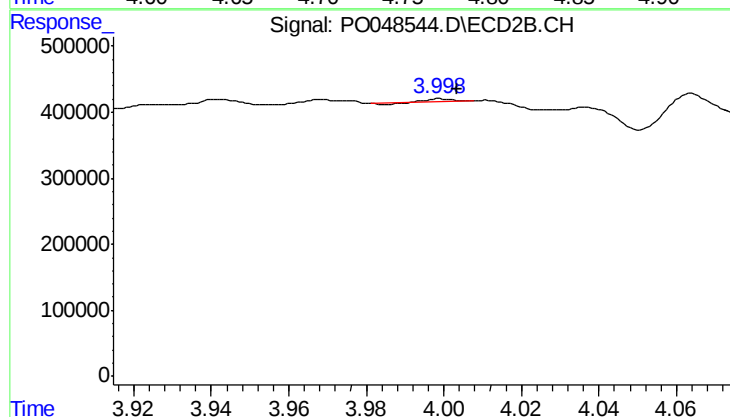
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.014 min
Response: 88841
Conc: 46.18 ng/ml



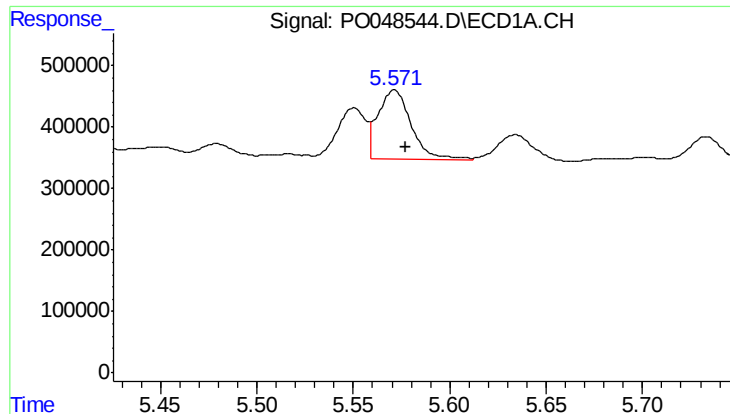
#10 AR-1221-3

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 1075972
Conc: 216.89 ng/ml



#10 AR-1221-3

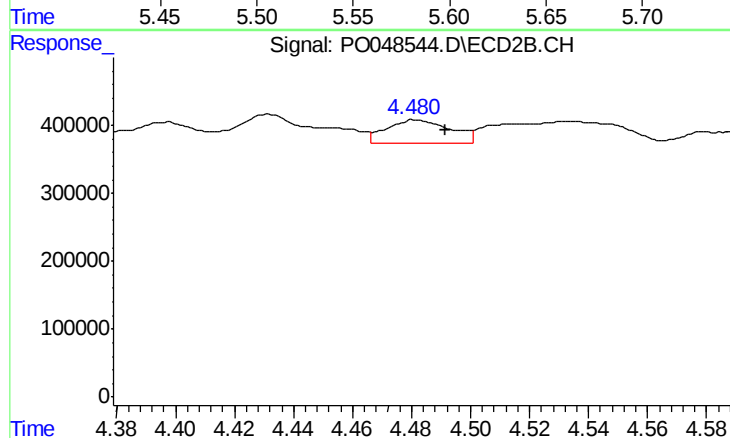
R.T.: 4.000 min
Delta R.T.: -0.004 min
Response: 10389
Conc: 1.67 ng/ml



#11 AR-1232-1

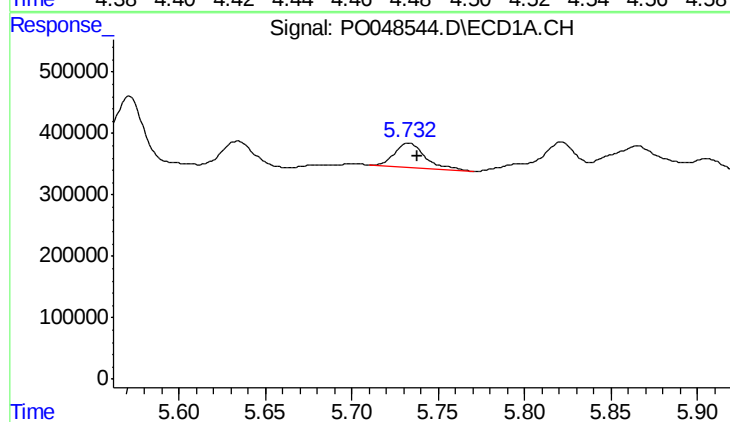
R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 1379165
Conc: 306.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



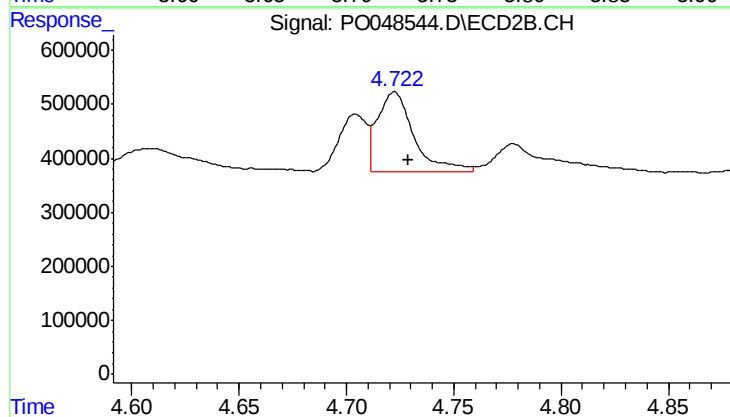
#11 AR-1232-1

R.T.: 4.481 min
Delta R.T.: -0.010 min
Response: 505423
Conc: 173.18 ng/ml



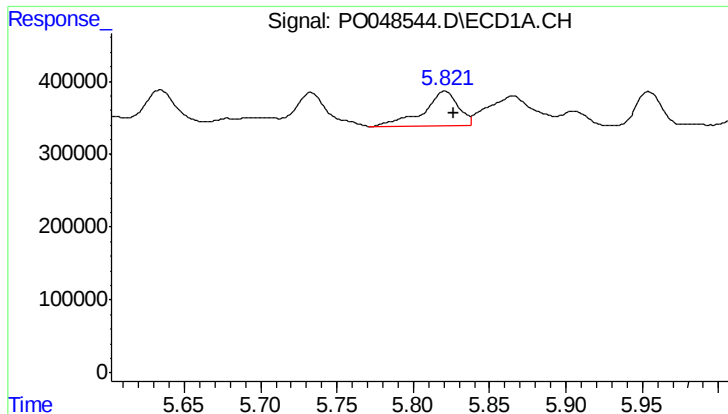
#12 AR-1232-2

R.T.: 5.733 min
Delta R.T.: -0.005 min
Response: 483621
Conc: 212.87 ng/ml



#12 AR-1232-2

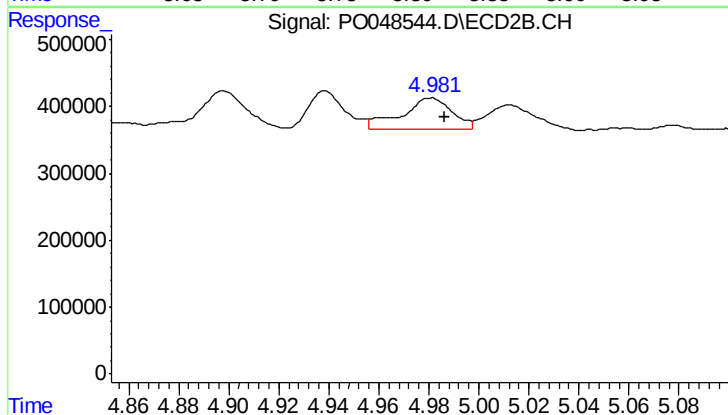
R.T.: 4.722 min
Delta R.T.: -0.007 min
Response: 1783652
Conc: 297.87 ng/ml



#13 AR-1232-3

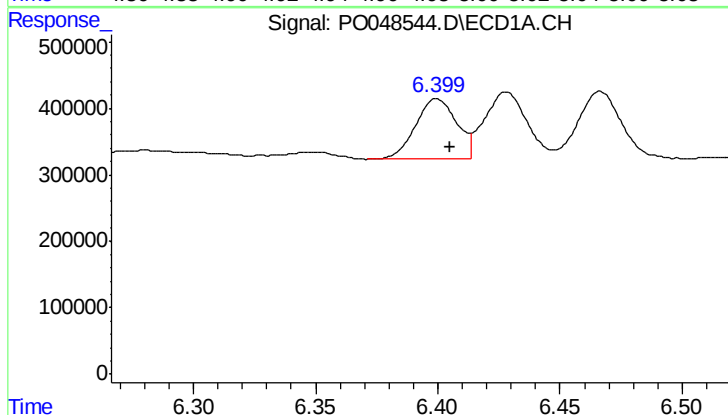
R.T.: 5.821 min
Delta R.T.: -0.005 min
Response: 768240
Conc: 456.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
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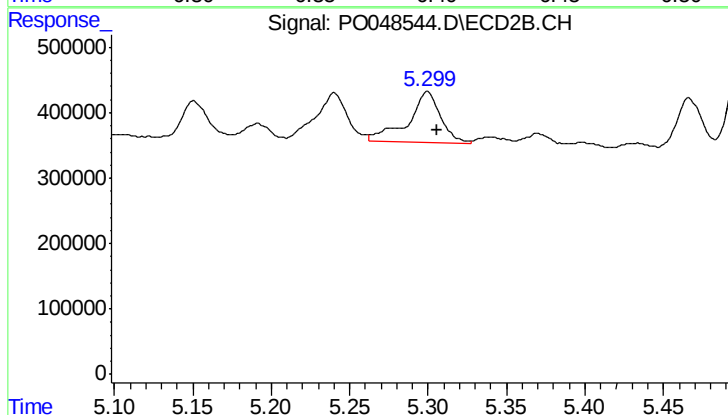
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 658634
Conc: 250.60 ng/ml



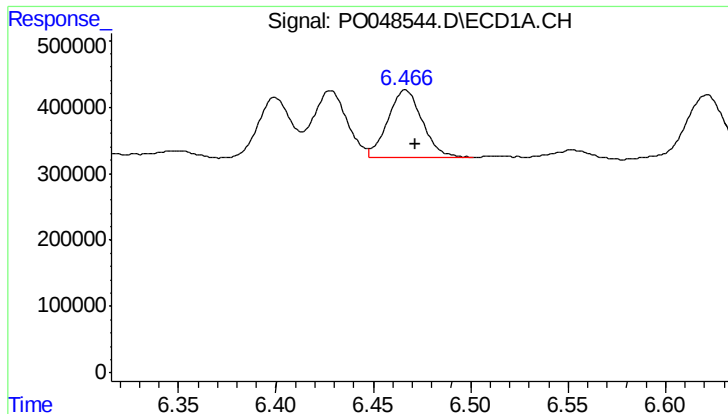
#14 AR-1232-4

R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 1069021
Conc: 660.00 ng/ml



#14 AR-1232-4

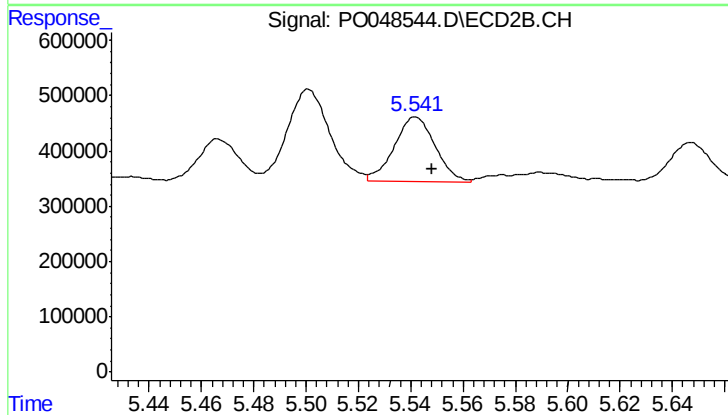
R.T.: 5.300 min
Delta R.T.: -0.006 min
Response: 1165916
Conc: 420.27 ng/ml



#15 AR-1232-5

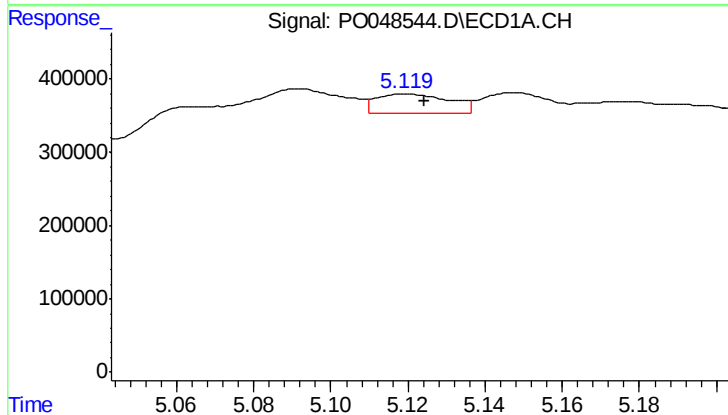
R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 1242401
Conc: 528.02 ng/ml

Instrument :
ECD_O
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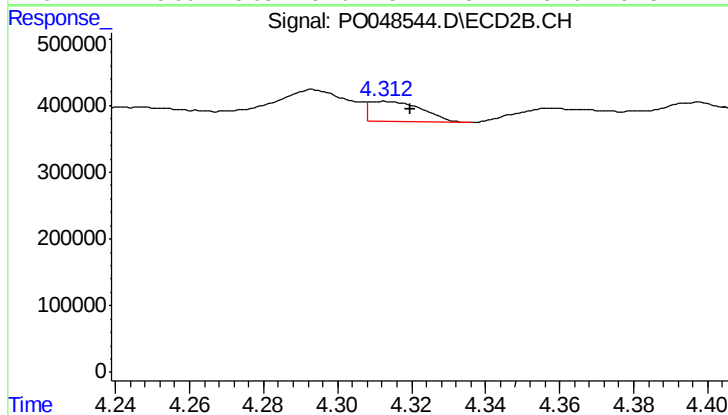
#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 1275963
Conc: 414.52 ng/ml



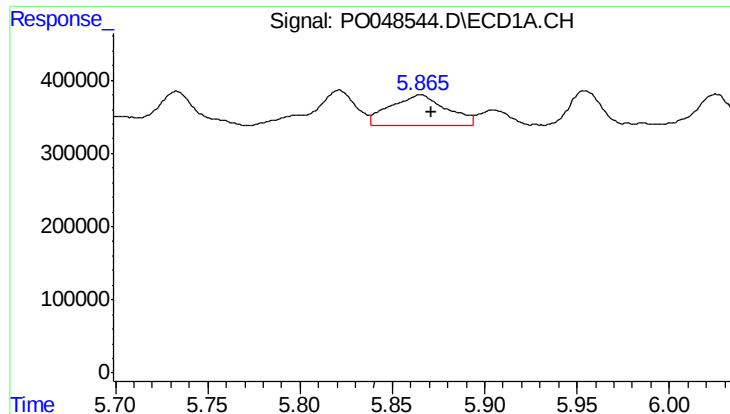
#16 AR-1242-1

R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 348789
Conc: 145.60 ng/ml



#16 AR-1242-1

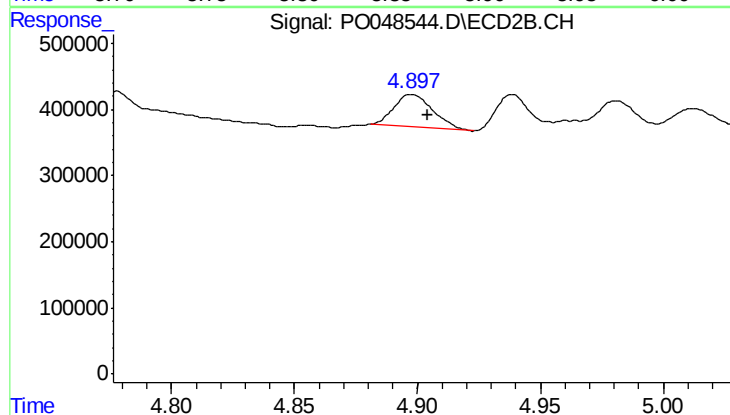
R.T.: 4.313 min
Delta R.T.: -0.007 min
Response: 304549
Conc: 87.09 ng/ml



#17 AR-1242-2

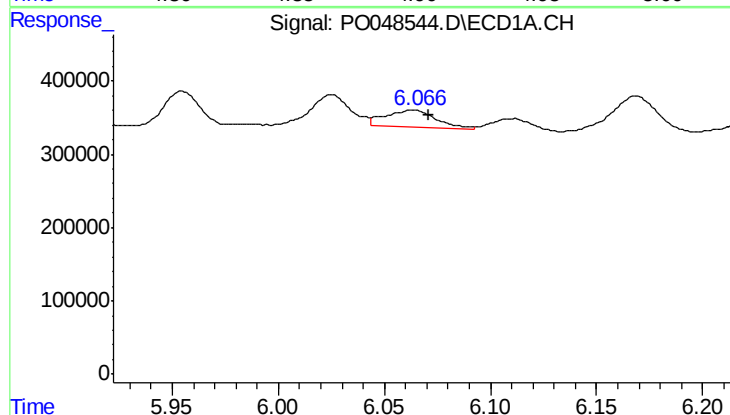
R.T.: 5.865 min
Delta R.T.: -0.006 min
Response: 876121
Conc: 241.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



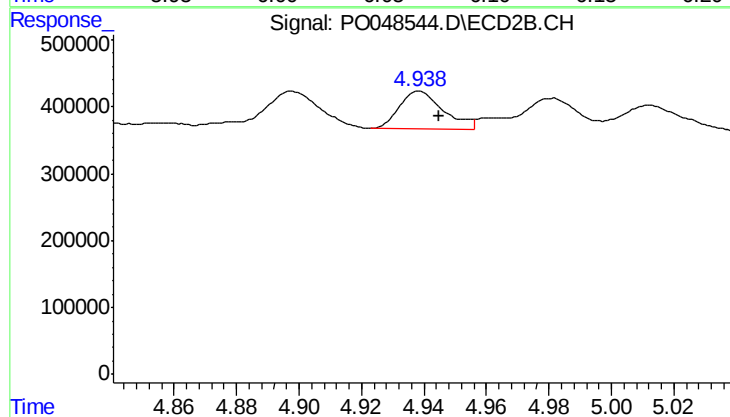
#17 AR-1242-2

R.T.: 4.898 min
Delta R.T.: -0.006 min
Response: 548256
Conc: 100.23 ng/ml



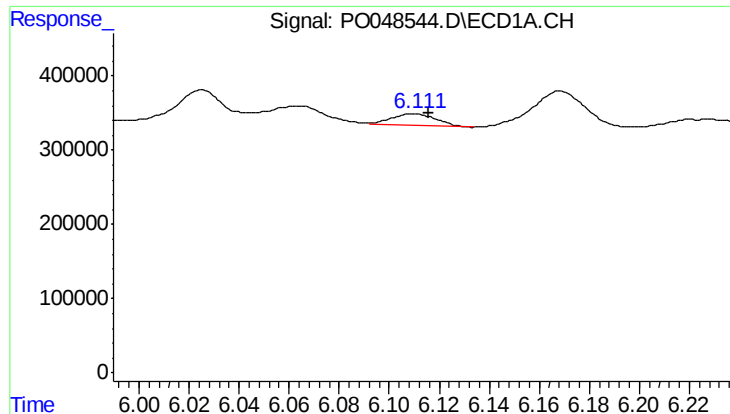
#18 AR-1242-3

R.T.: 6.064 min
Delta R.T.: -0.007 min
Response: 385750
Conc: 223.55 ng/ml



#18 AR-1242-3

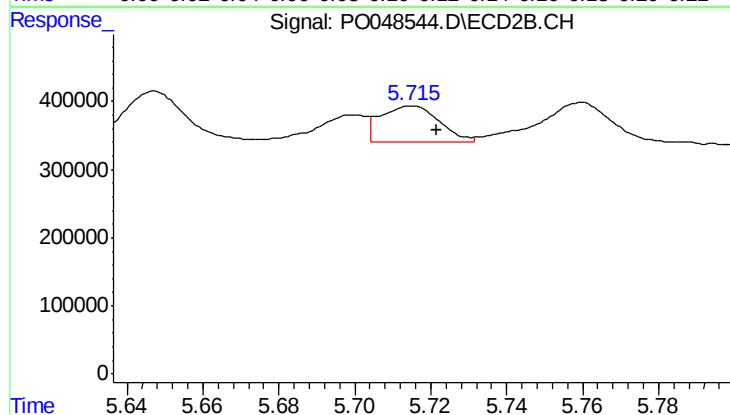
R.T.: 4.939 min
Delta R.T.: -0.006 min
Response: 554787
Conc: 132.20 ng/ml



#19 AR-1242-4

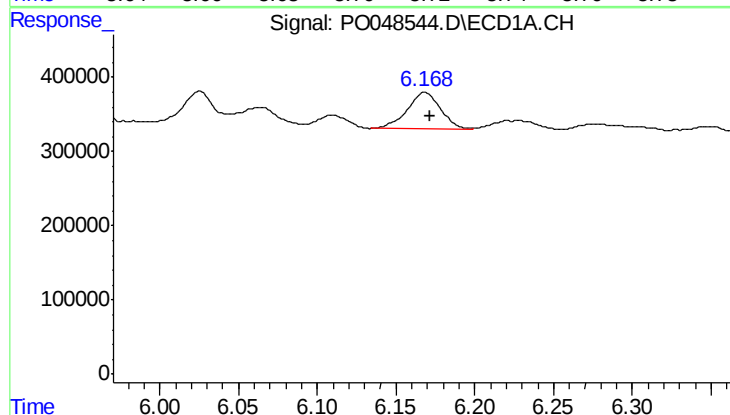
R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 203716
Conc: 157.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



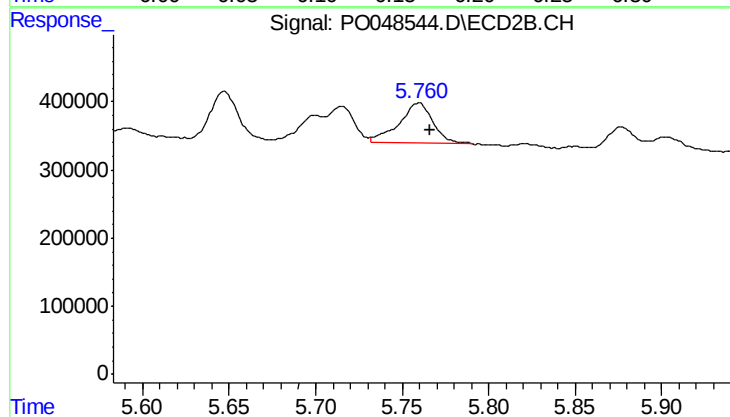
#19 AR-1242-4

R.T.: 5.715 min
Delta R.T.: -0.006 min
Response: 573763
Conc: 130.17 ng/ml



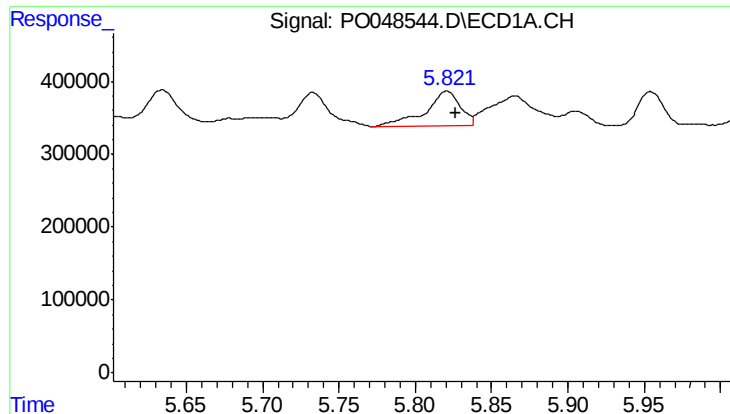
#20 AR-1242-5

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 737525
Conc: 165.04 ng/ml



#20 AR-1242-5

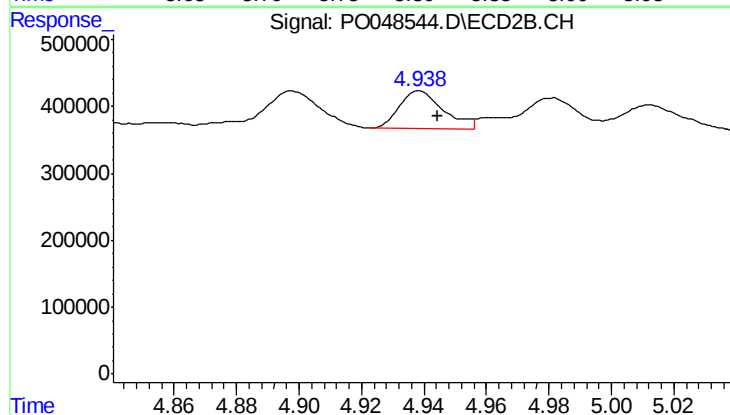
R.T.: 5.760 min
Delta R.T.: -0.007 min
Response: 804596
Conc: 218.87 ng/ml



#21 AR-1248-1

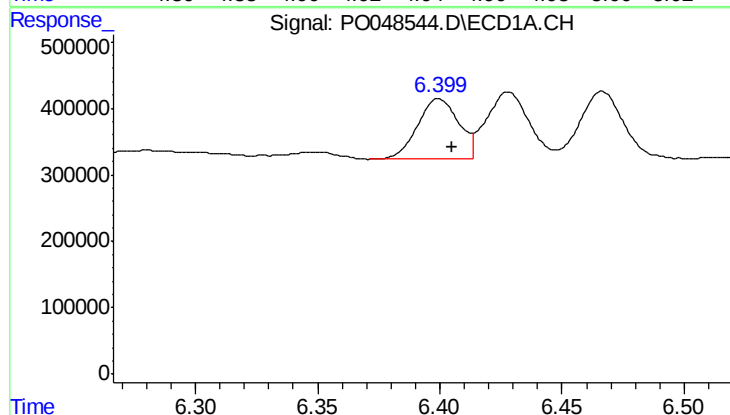
R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 768240
Conc: 130.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



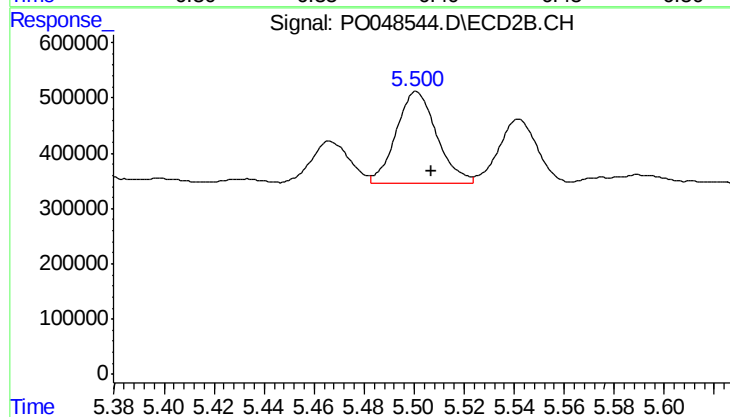
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: -0.006 min
Response: 554787
Conc: 73.21 ng/ml



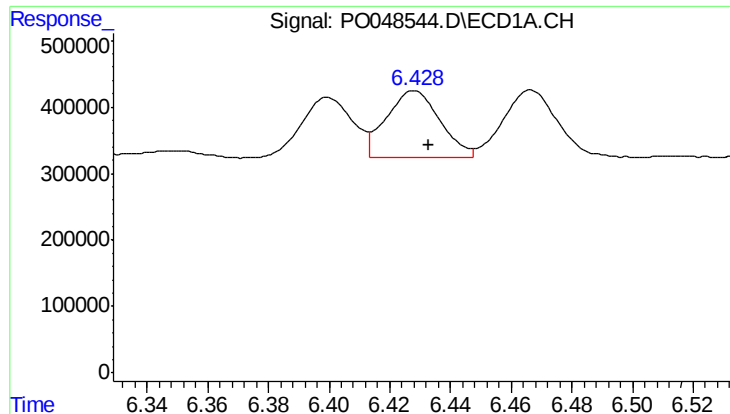
#22 AR-1248-2

R.T.: 6.400 min
Delta R.T.: -0.005 min
Response: 1069021
Conc: 183.93 ng/ml



#22 AR-1248-2

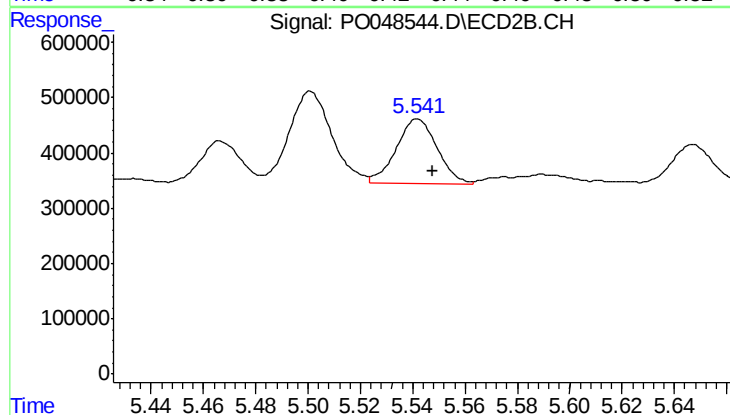
R.T.: 5.501 min
Delta R.T.: -0.006 min
Response: 1890170
Conc: 143.57 ng/ml



#23 AR-1248-3

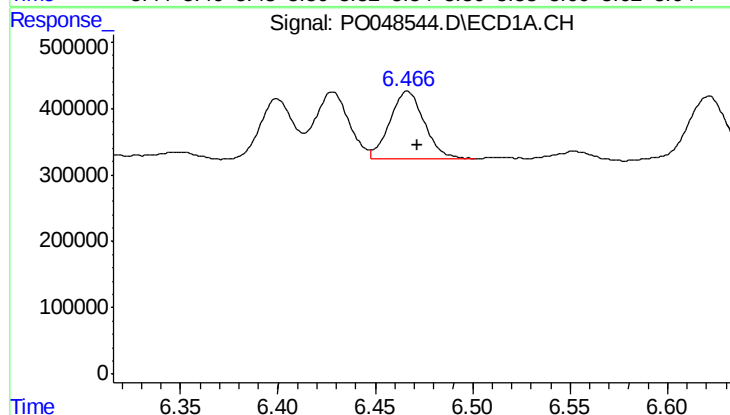
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 1224770
Conc: 158.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



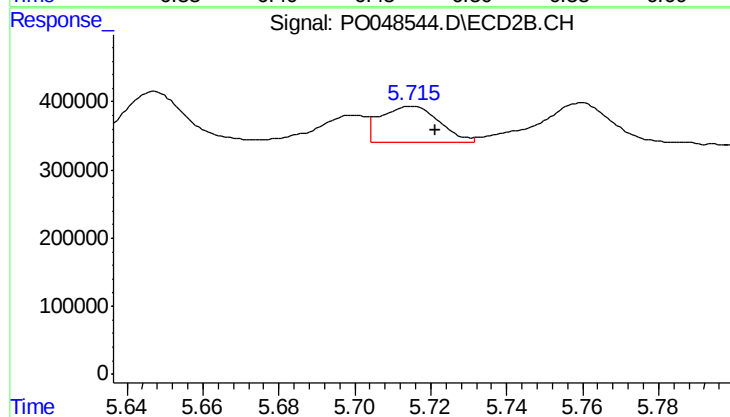
#23 AR-1248-3

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 1275963
Conc: 139.86 ng/ml



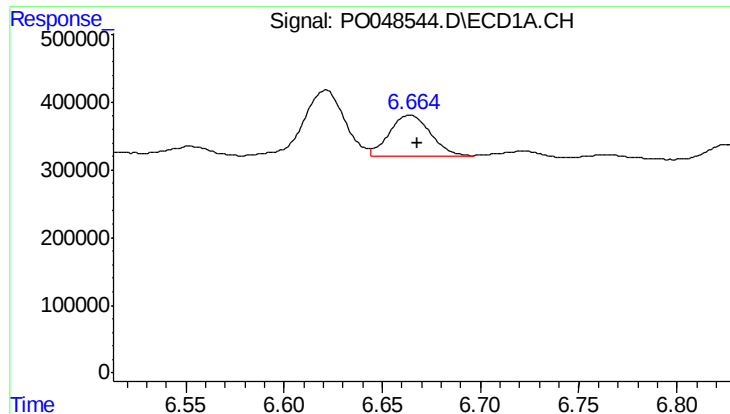
#24 AR-1248-4

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 1242401
Conc: 169.61 ng/ml



#24 AR-1248-4

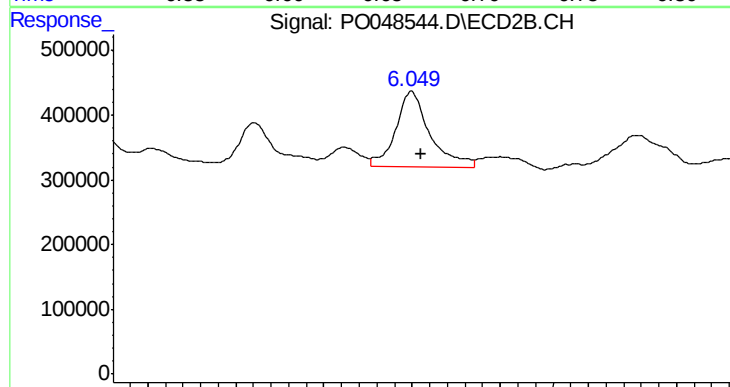
R.T.: 5.715 min
Delta R.T.: -0.006 min
Response: 573763
Conc: 72.70 ng/ml



#25 AR-1248-5

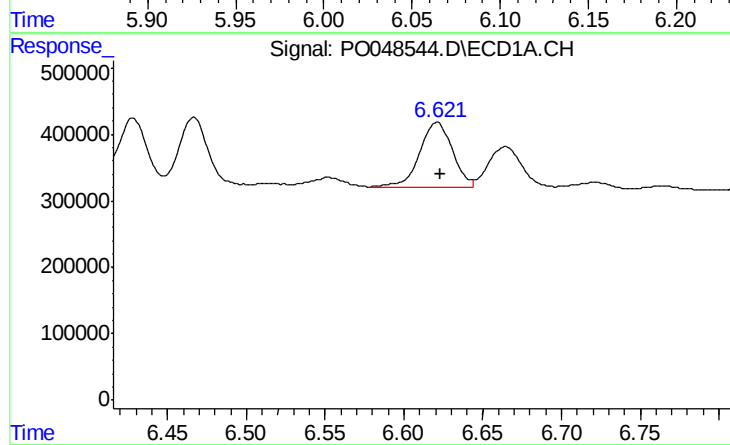
R.T.: 6.664 min
Delta R.T.: -0.004 min
Response: 870537
Conc: 179.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



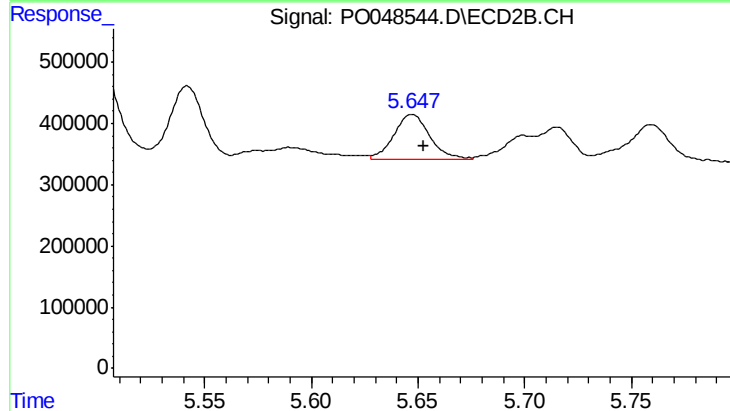
#25 AR-1248-5

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 1576751
Conc: 263.05 ng/ml



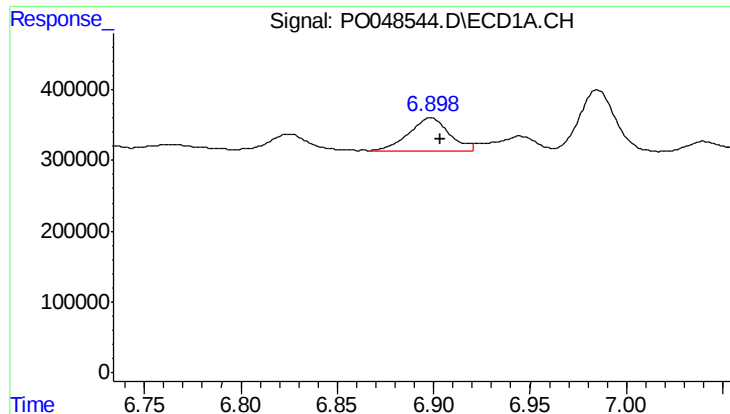
#26 AR-1254-1

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 1395623
Conc: 102.81 ng/ml



#26 AR-1254-1

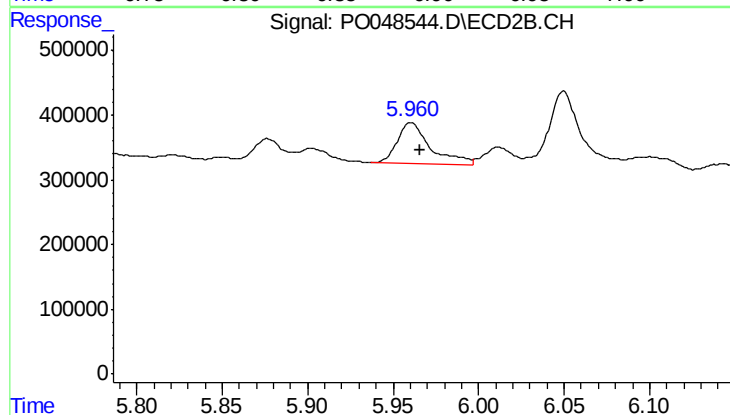
R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 850131
Conc: 59.09 ng/ml



#27 AR-1254-2

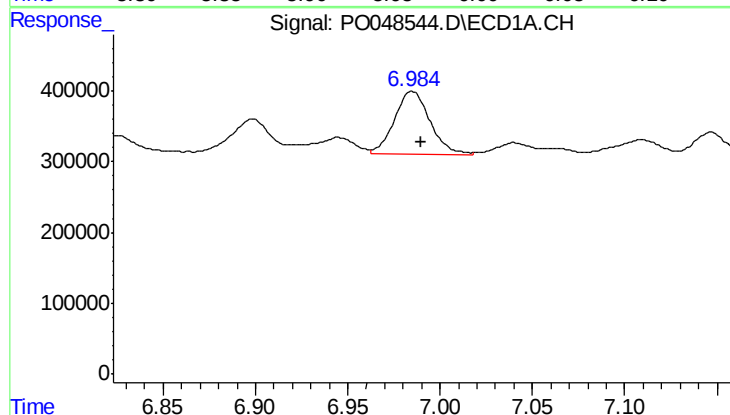
R.T.: 6.898 min
Delta R.T.: -0.005 min
Response: 698956
Conc: 84.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



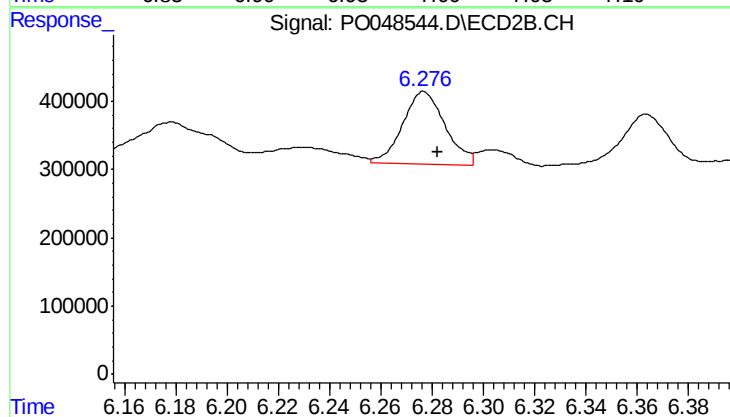
#27 AR-1254-2

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 857283
Conc: 74.02 ng/ml



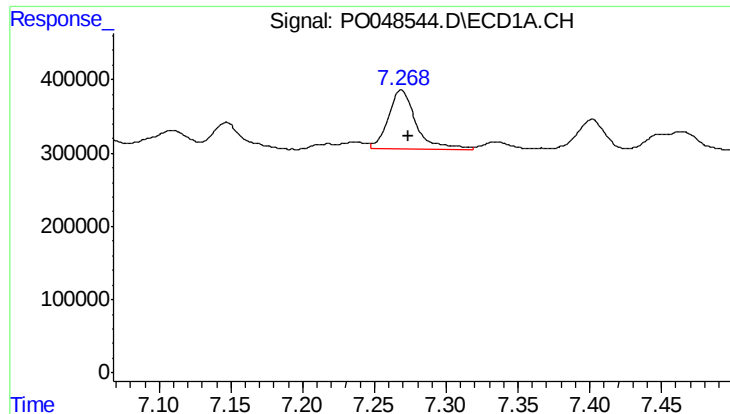
#28 AR-1254-3

R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 1201034
Conc: 83.71 ng/ml



#28 AR-1254-3

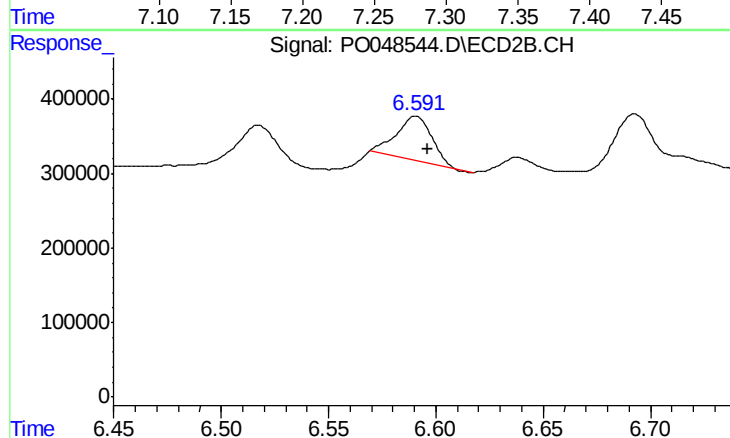
R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 1229363
Conc: 83.93 ng/ml



#29 AR-1254-4

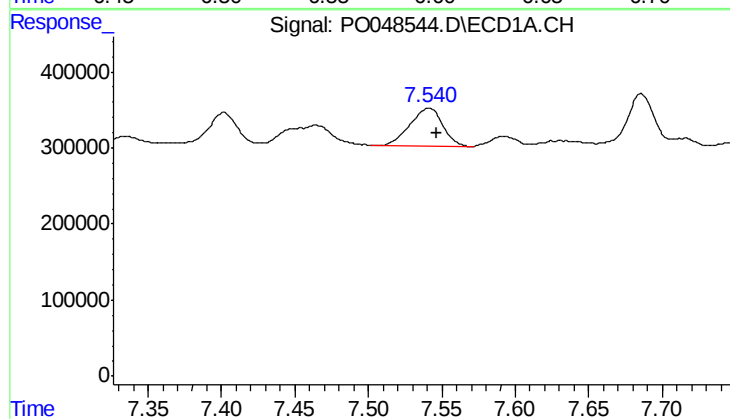
R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 1100124
Conc: 100.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



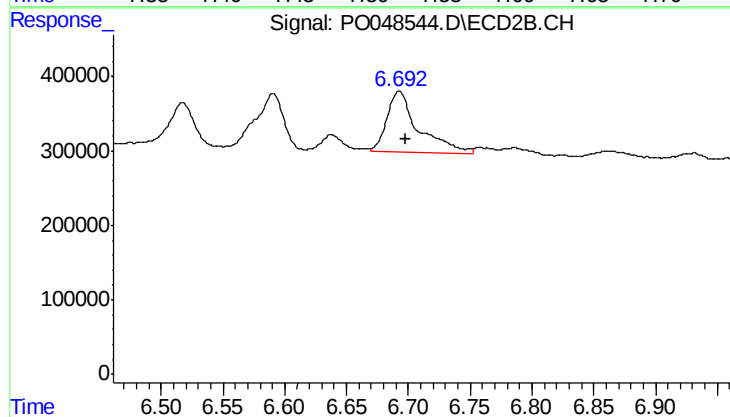
#29 AR-1254-4

R.T.: 6.591 min
Delta R.T.: -0.006 min
Response: 684270
Conc: 69.53 ng/ml



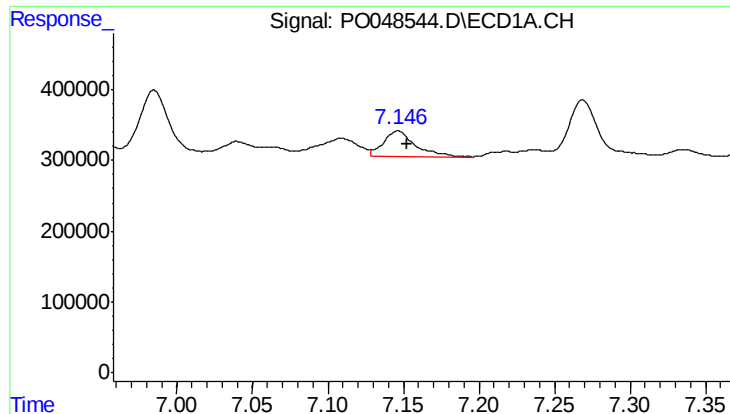
#30 AR-1254-5

R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 768335
Conc: 94.28 ng/ml



#30 AR-1254-5

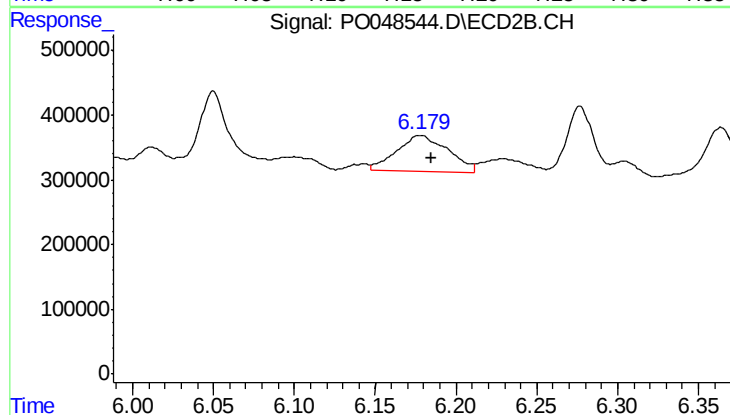
R.T.: 6.693 min
Delta R.T.: -0.005 min
Response: 1452404
Conc: 74.53 ng/ml



#31 AR-1260-1

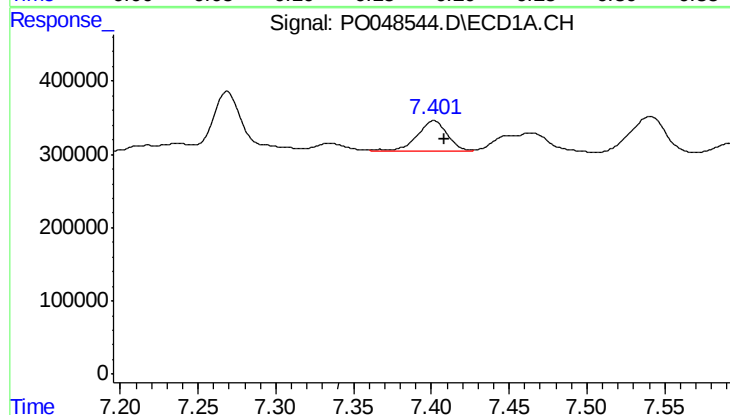
R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 515903
Conc: 51.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



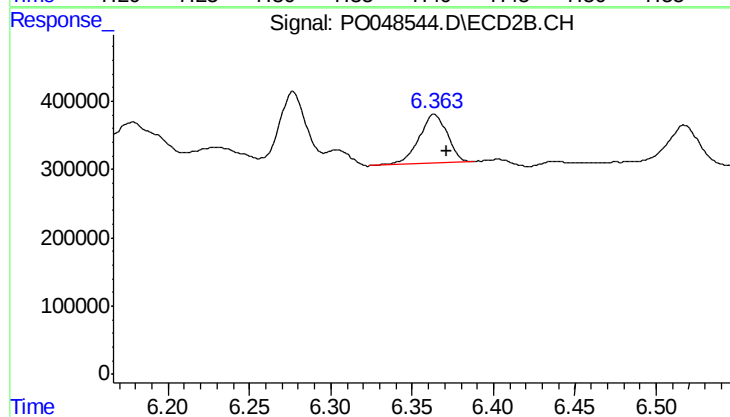
#31 AR-1260-1

R.T.: 6.178 min
Delta R.T.: -0.006 min
Response: 1234506
Conc: 89.14 ng/ml



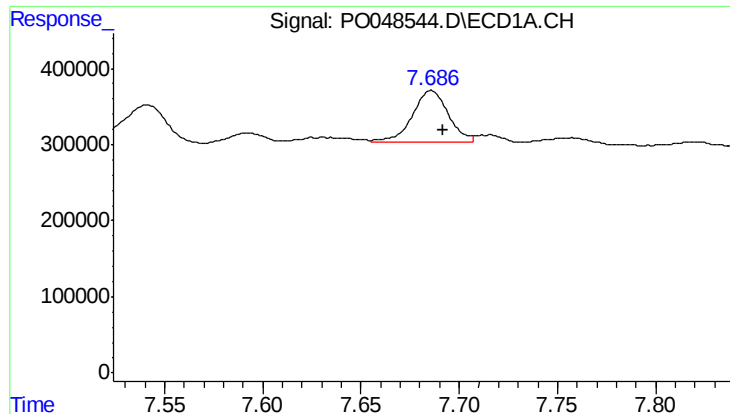
#32 AR-1260-2

R.T.: 7.402 min
Delta R.T.: -0.006 min
Response: 592166
Conc: 49.43 ng/ml



#32 AR-1260-2

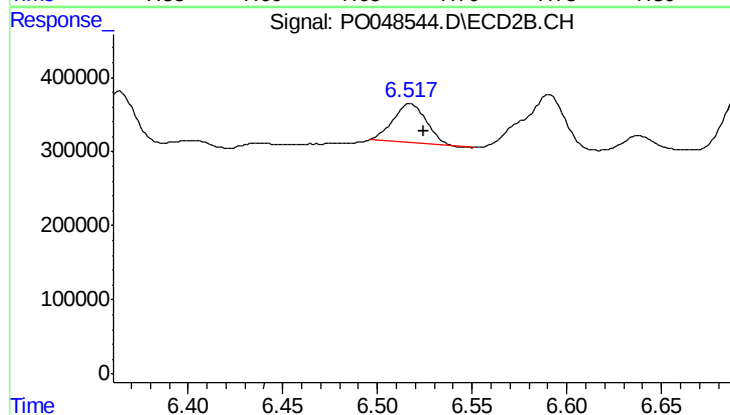
R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 874024
Conc: 49.82 ng/ml



#33 AR-1260-3

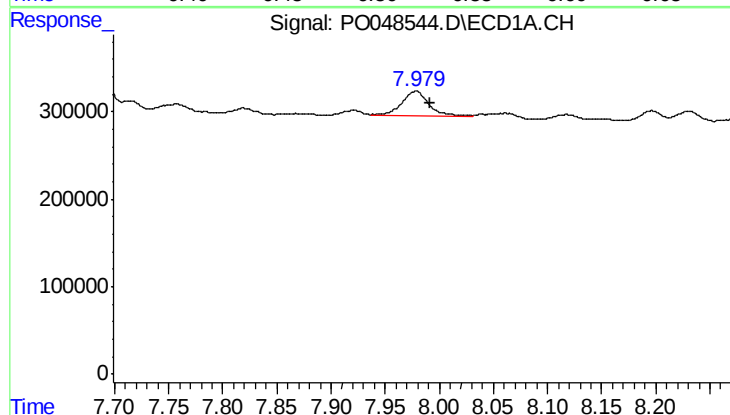
R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 882936
Conc: 64.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



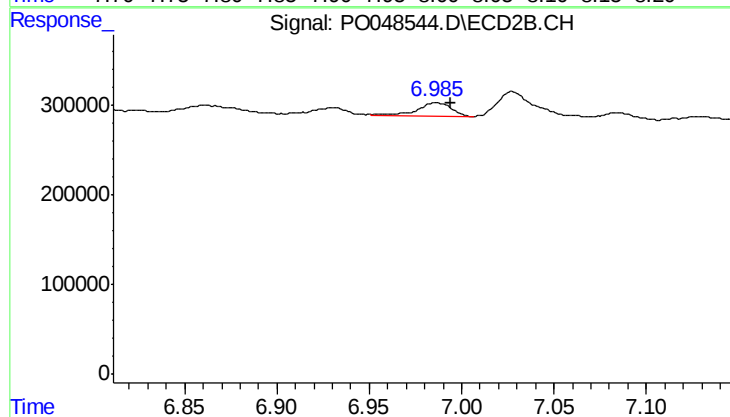
#33 AR-1260-3

R.T.: 6.517 min
Delta R.T.: -0.007 min
Response: 648063
Conc: 42.27 ng/ml



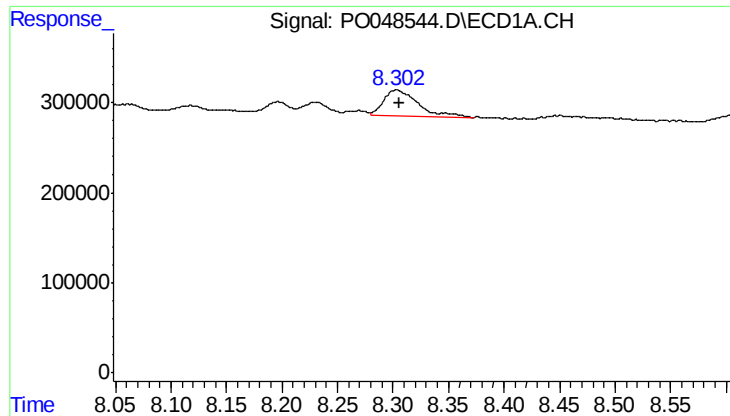
#34 AR-1260-4

R.T.: 7.979 min
Delta R.T.: -0.013 min
Response: 464617
Conc: 46.93 ng/ml



#34 AR-1260-4

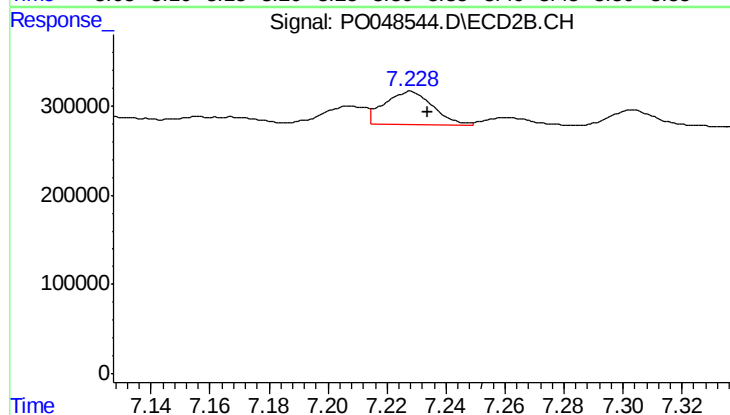
R.T.: 6.986 min
Delta R.T.: -0.008 min
Response: 197485
Conc: 16.97 ng/ml



#35 AR-1260-5

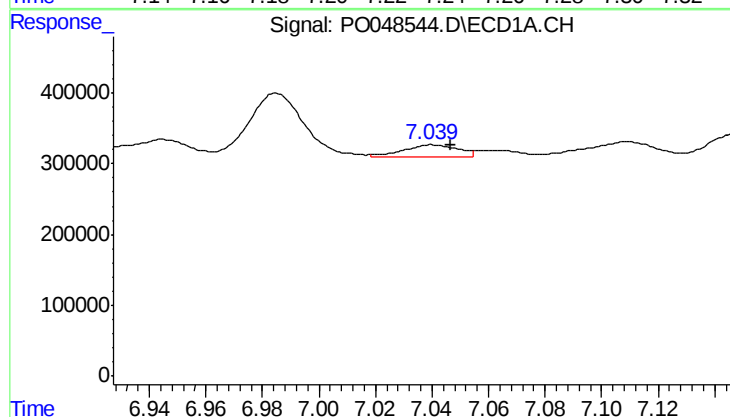
R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 613026
Conc: 32.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



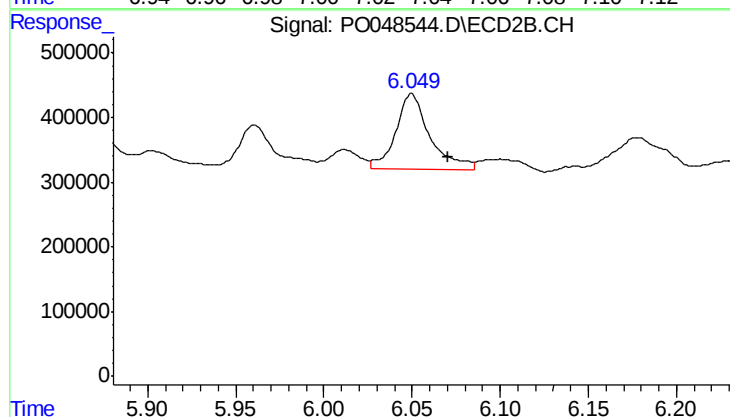
#35 AR-1260-5

R.T.: 7.228 min
Delta R.T.: -0.006 min
Response: 423094
Conc: 15.62 ng/ml



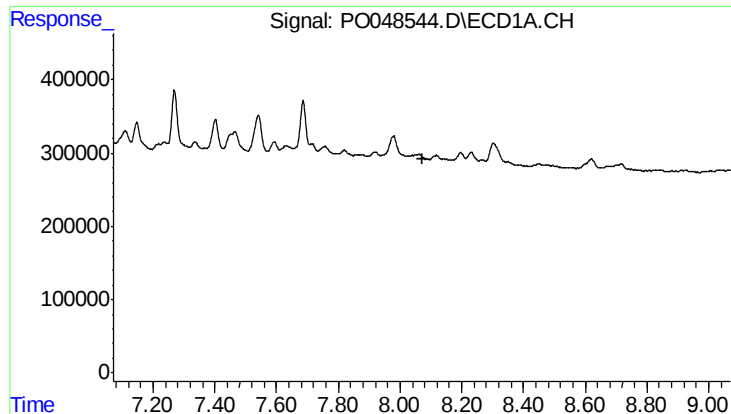
#36 AR-1262-1

R.T.: 7.039 min
Delta R.T.: -0.007 min
Response: 237786
Conc: 30.45 ng/ml



#36 AR-1262-1

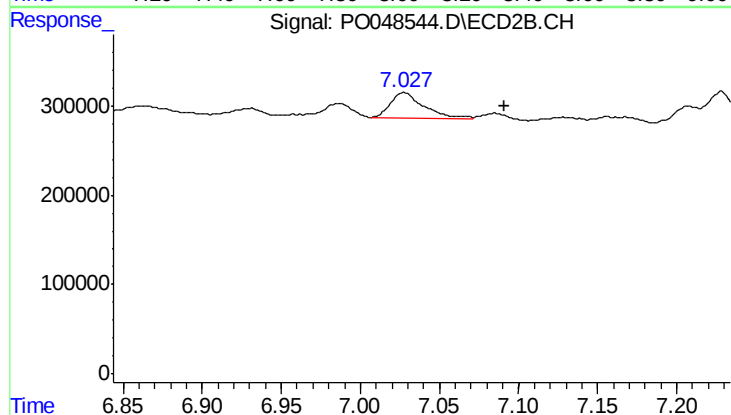
R.T.: 6.050 min
Delta R.T.: -0.021 min
Response: 1576751
Conc: 148.34 ng/ml



#38 AR-1262-3

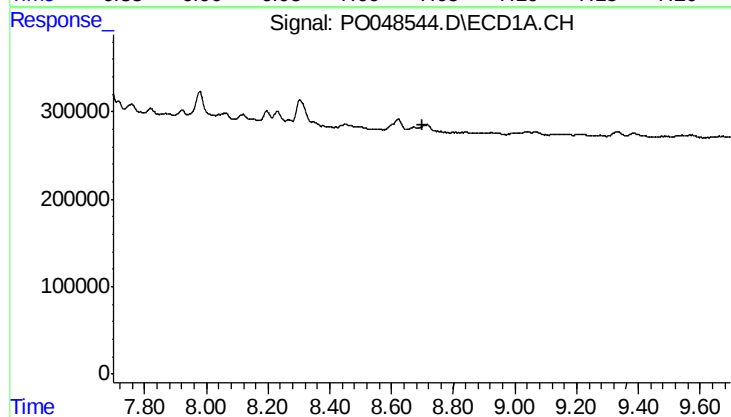
R.T.: 0.000 min
Exp R.T.: 8.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



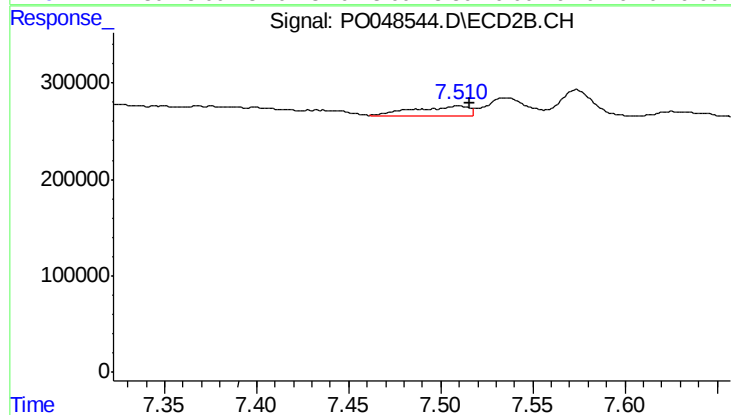
#38 AR-1262-3

R.T.: 7.027 min
Delta R.T.: -0.064 min
Response: 432334
Conc: 45.79 ng/ml



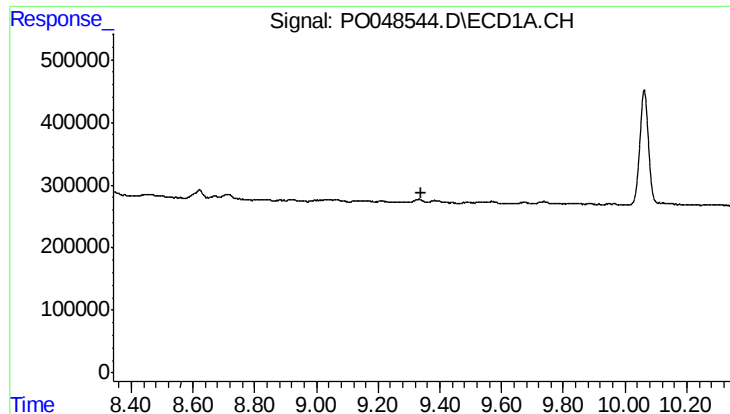
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.699 min
Response: 0
Conc: N.D.



#39 AR-1262-4

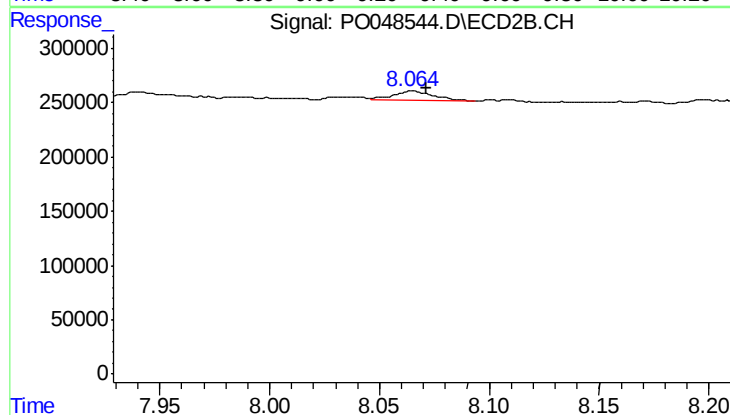
R.T.: 7.510 min
Delta R.T.: -0.006 min
Response: 203118
Conc: 15.09 ng/ml



#40 AR-1262-5

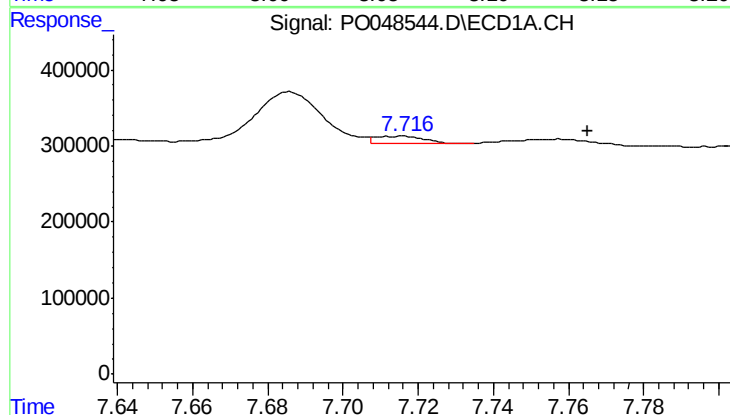
R.T.: 0.000 min
Exp R.T.: 9.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



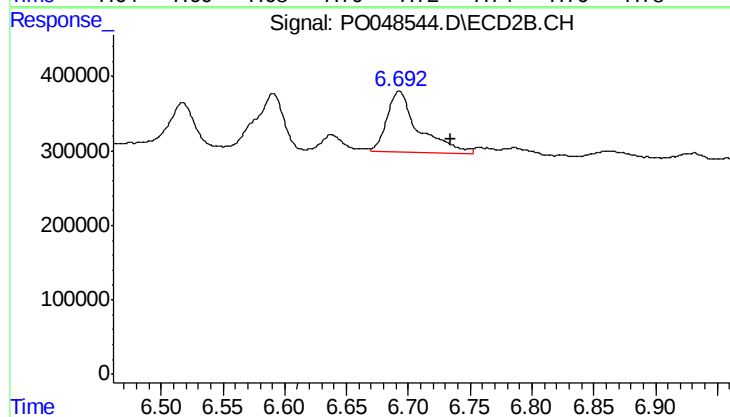
#40 AR-1262-5

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 109457
Conc: 10.63 ng/ml



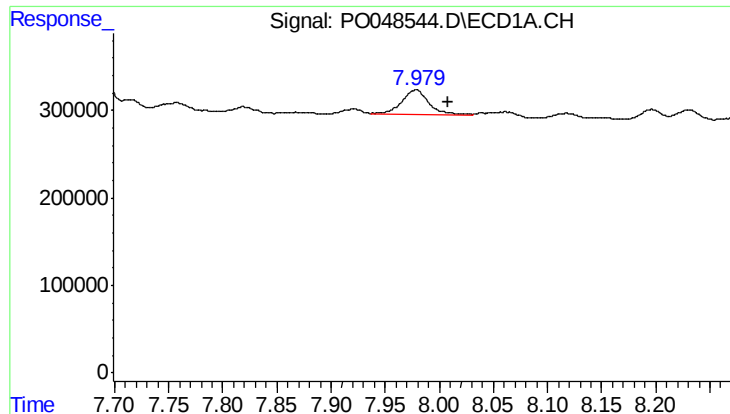
#41 AR-1268-1

R.T.: 7.715 min
Delta R.T.: -0.050 min
Response: 92502
Conc: 17.43 ng/ml



#41 AR-1268-1

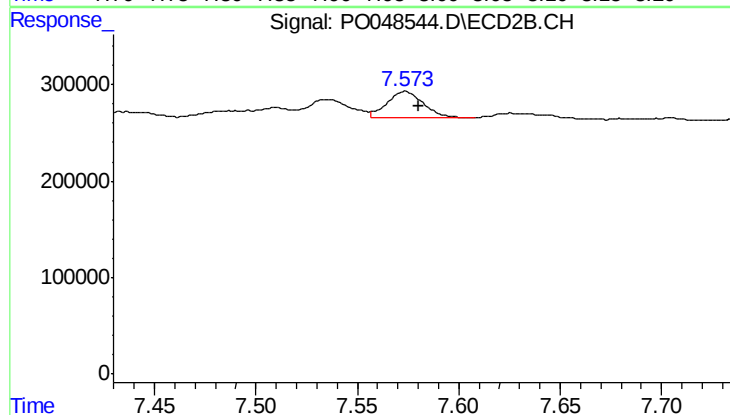
R.T.: 6.693 min
Delta R.T.: -0.042 min
Response: 1452404
Conc: 187.77 ng/ml



#42 AR-1268-2

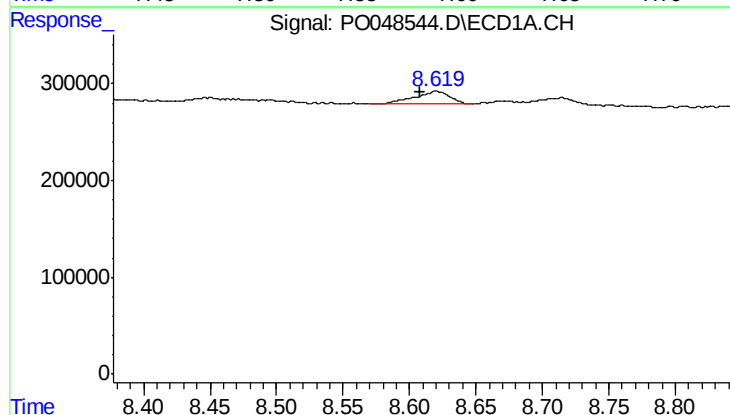
R.T.: 7.979 min
Delta R.T.: -0.030 min
Response: 464617
Conc: 68.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



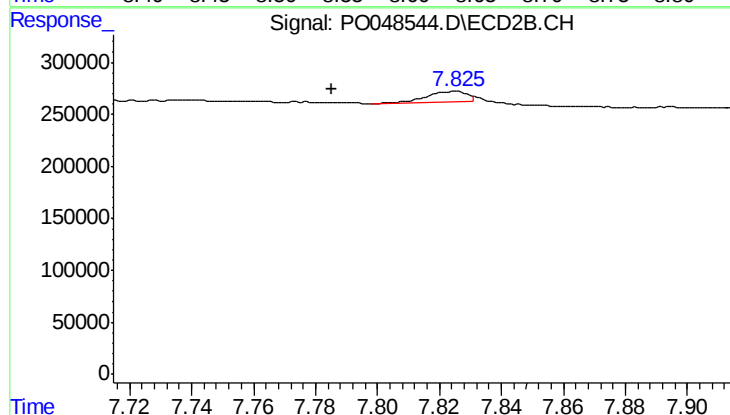
#42 AR-1268-2

R.T.: 7.574 min
Delta R.T.: -0.006 min
Response: 344106
Conc: 11.40 ng/ml



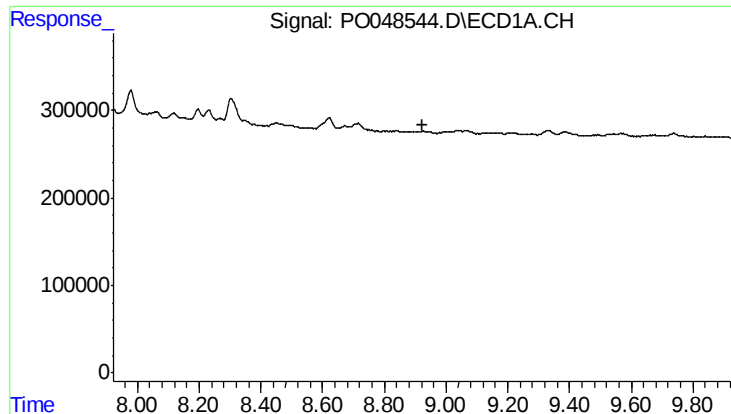
#43 AR-1268-3

R.T.: 8.620 min
Delta R.T.: 0.012 min
Response: 237065
Conc: 9.19 ng/ml



#43 AR-1268-3

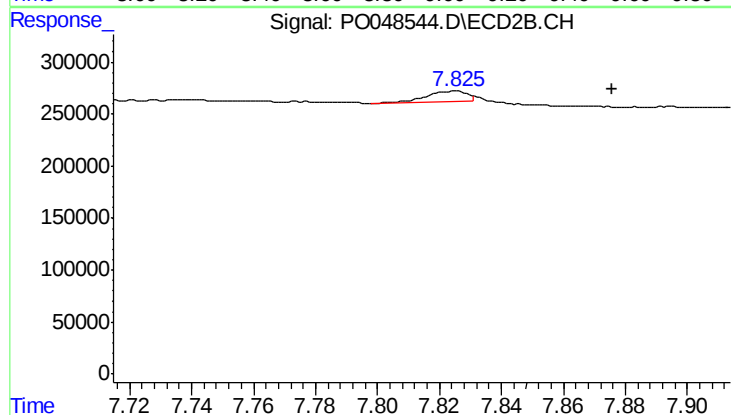
R.T.: 7.825 min
Delta R.T.: 0.039 min
Response: 94011
Conc: 3.79 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.922 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
082218-TIPC-F-D-S



#44 AR-1268-4

R.T.: 7.825 min
Delta R.T.: -0.051 min
Response: 94011
Conc: 14.37 ng/ml