

Data Path : P:\HPCHEM1\ECD_0\Data\P0053018\
 Data File : P0045223.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 May 2018 15:28
 Operator : SM/UA
 Sample : PB109547BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109547BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 17:56:47 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 30 16:41:42 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...	4.000	3.276	4695358	6303088	22.474	22.731
2) SA Decachlor...	9.282	7.996	3945554	4176778	17.179	14.820
Target Compounds						
3) L1 AR-1016-1	4.857	4.079	341751	455051	64.914	65.852
4) L1 AR-1016-2	5.194	4.509	432697	256292	65.084	44.015 #
5) L1 AR-1016-3	5.289	4.547	328025	236588	58.783	33.952 #
6) L1 AR-1016-4	5.704	4.709	266034	468856	45.527	62.978 #
7) L1 AR-1016-5	5.933	5.040	198654	341239	38.869	45.512
9) L2 AR-1221-2	4.356	0.000	218997	0	75.254	N.D. #
10) L2 AR-1221-3	4.356	3.625	218997	289909	23.141	23.453
11) L3 AR-1232-1	4.356	3.625	218997	289909	49.566	49.926
12) L3 AR-1232-2	5.114	4.301	413924	1638599	125.711	129.724
13) L3 AR-1232-3	5.135	4.357	724456	615610	126.972	118.088
14) L3 AR-1232-4	5.194	4.469	432697	371773	126.435	97.533
15) L3 AR-1232-5	5.289	4.547	328025	236588	122.068	69.946 #
16) L4 AR-1242-1	4.674	4.079	314645	455051	78.840	81.301
17) L4 AR-1242-2	5.135	4.301	724456	1638599	79.746	80.082
18) L4 AR-1242-3	5.289	4.469	328025	371773	73.748	60.489
19) L4 AR-1242-4	5.570	4.547	307639	236588	70.883	39.549 #
20) L4 AR-1242-5	5.704	4.709	266034	468856	54.921	71.856 #
21) L5 AR-1248-1	5.570	4.709	307639	468856	43.376	44.174
22) L5 AR-1248-2	5.704	4.846	266034	395179	42.730	38.405
23) L5 AR-1248-3	5.933	5.040	198654	341239	22.912	21.221
24) L5 AR-1248-4	5.933	5.040	198654	341239	22.440	25.469
25) L5 AR-1248-5	6.143	5.575	262501	459051	47.007	63.804 #
26) L6 AR-1254-1	6.143	5.040	262501	341239	18.981	18.624
27) L6 AR-1254-2	6.441	5.184	266742	346024	27.758	21.599
28) L6 AR-1254-3	6.510	5.575	281774	459051	17.883	17.817
29) L6 AR-1254-4	0.000	5.816	0	226334	N.D.	11.366 #
30) L6 AR-1254-5	7.032	6.134	273619	231652	28.610	19.464 #
31) L7 AR-1260-1	6.657	5.688	607565	867394	52.453	53.006
32) L7 AR-1260-2	6.907	5.876	810290	1232575	53.250	58.340
33) L7 AR-1260-3	7.257	6.220	560466	826648	44.147	43.675
34) L7 AR-1260-4	7.778	6.715	1233640	1667095	43.425	42.343
35) L7 AR-1260-5	8.062	7.046	765721	1135608	45.771	41.185
36) L8 AR-1262-1	6.657	5.876	607565	1232575	55.807	65.114
37) L8 AR-1262-2	6.907	6.017	810290	923192	58.908	50.307
38) L8 AR-1262-3	7.183	6.220	928417	826648	72.858	26.959 #
39) L8 AR-1262-4	7.479	6.471	558227	556742	32.499	22.095 #

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Integration File signal 1: autoint1.e
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Quant Time: May 30 17:56:47 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
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Response via : Initial Calibration
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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
40) L8	AR-1262-5	7.778	6.715	1233640	1667095	33.383	30.594
41) L9	AR-1268-1	8.062	6.980	765721	318322	20.104	5.769 #
42) L9	AR-1268-2	8.108	7.046	439646	1135608	12.904	22.239 #
44) L9	AR-1268-4	8.674	7.536	421641	314584	34.615	18.075 #

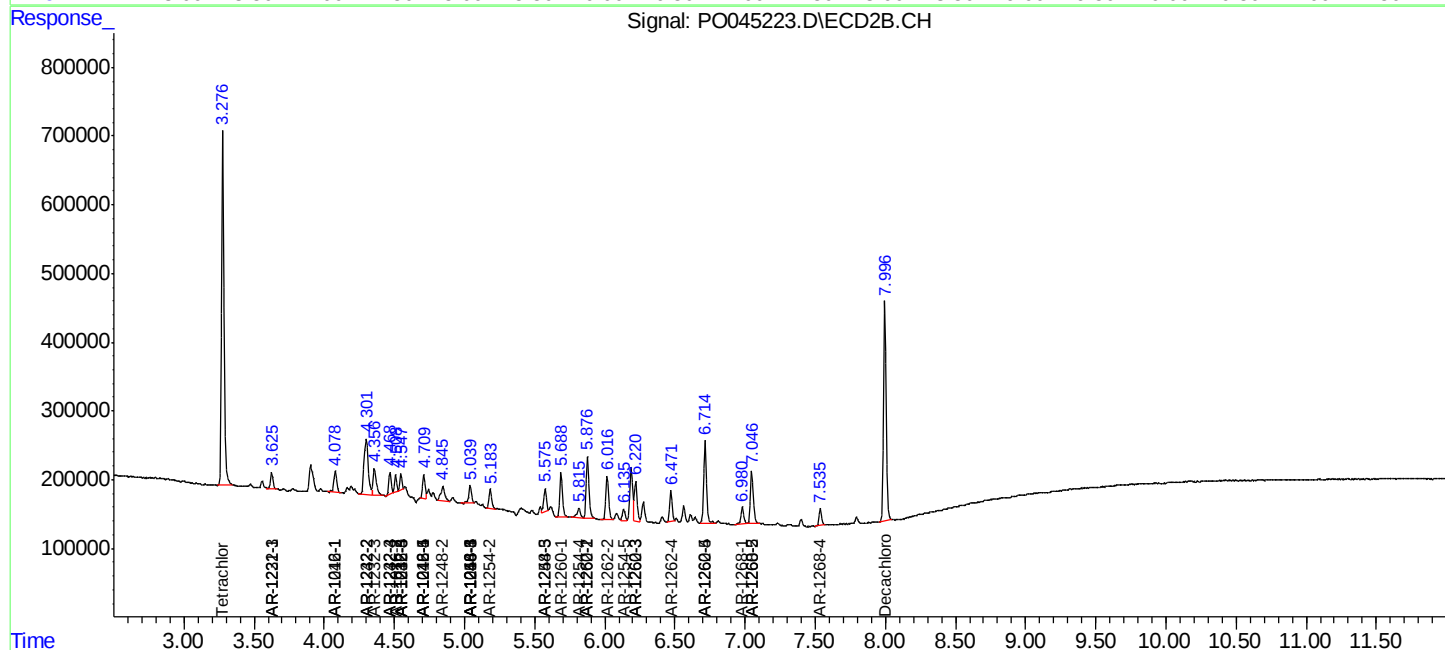
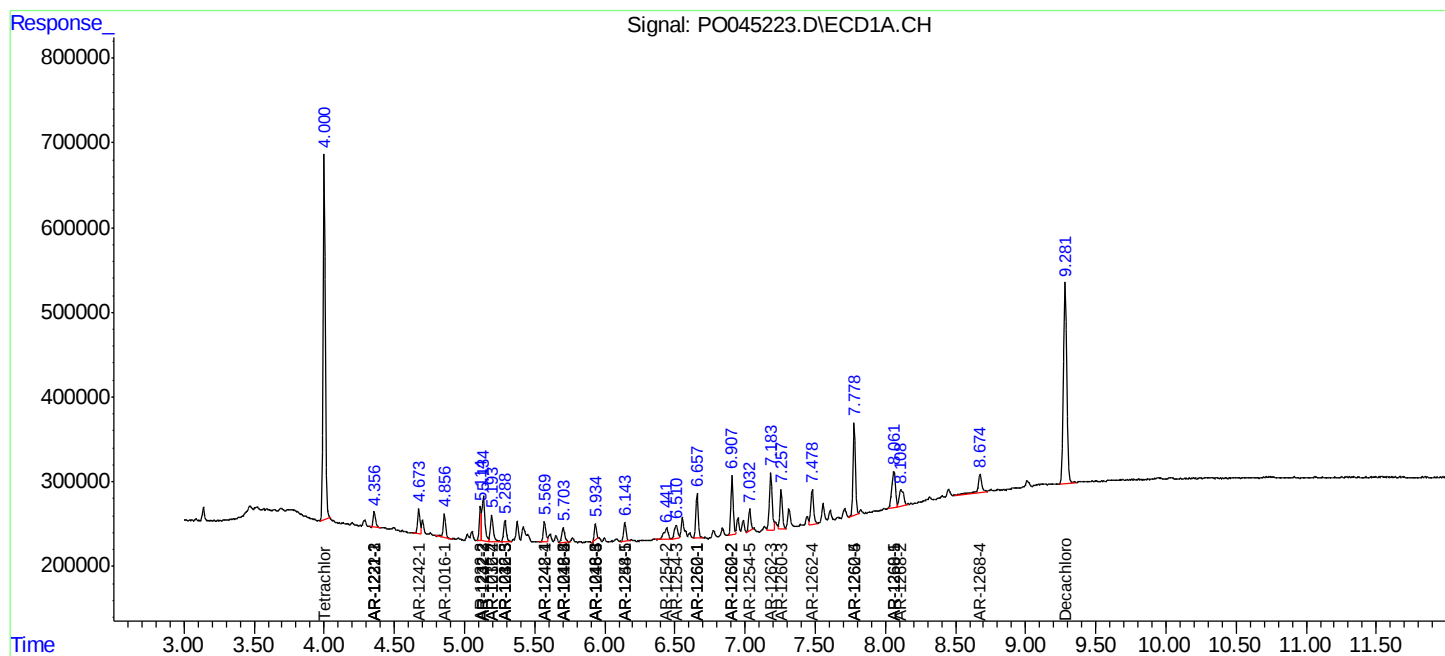
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

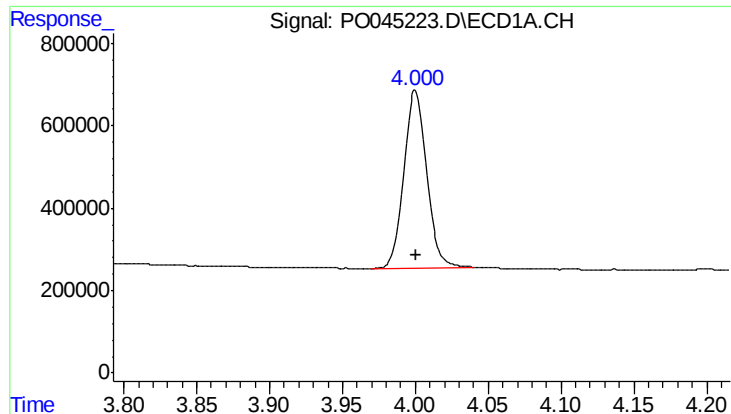
Data Path : P:\HPCHEM1\ECD_0\Data\PO053018\
Data File : PO045223.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

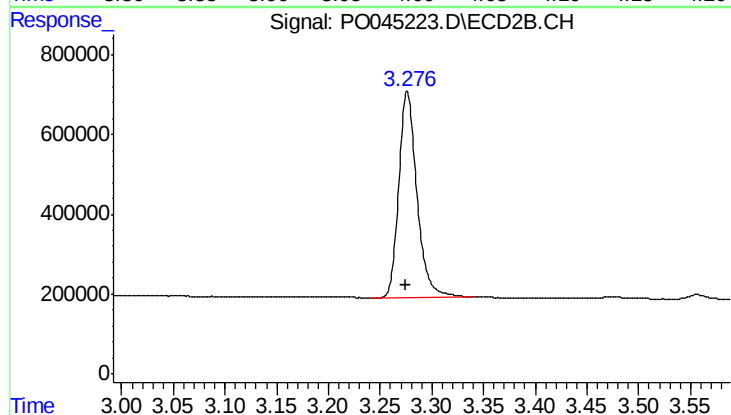




#1 Tetrachloro-m-xylene

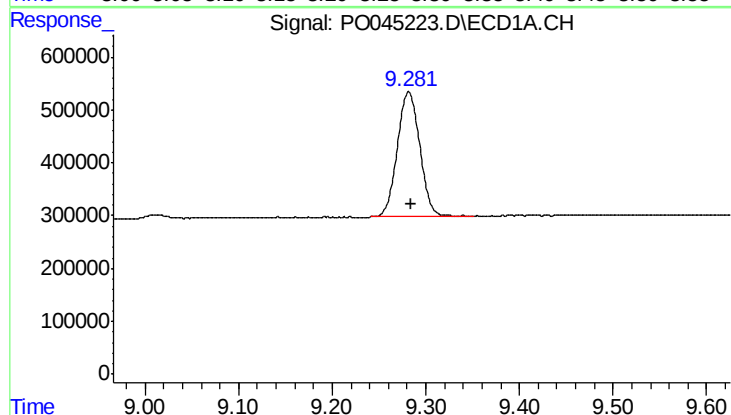
R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 4695358
Conc: 22.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



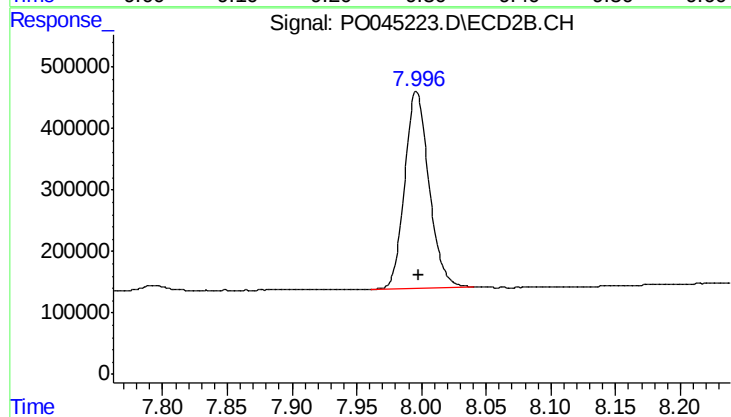
#1 Tetrachloro-m-xylene

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 6303088
Conc: 22.73 ng/ml



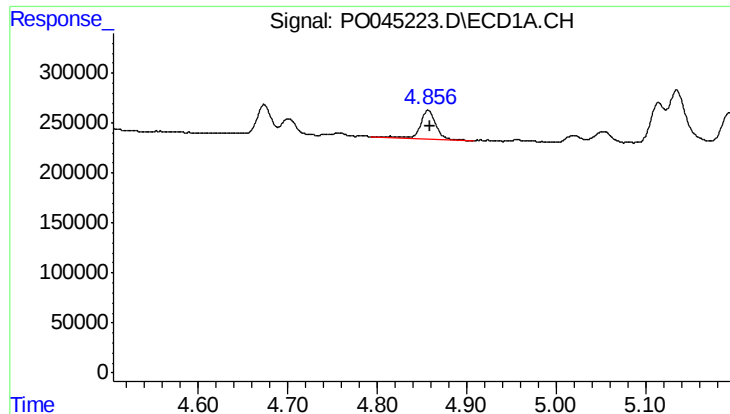
#2 Decachlorobiphenyl

R.T.: 9.282 min
Delta R.T.: -0.002 min
Response: 3945554
Conc: 17.18 ng/ml



#2 Decachlorobiphenyl

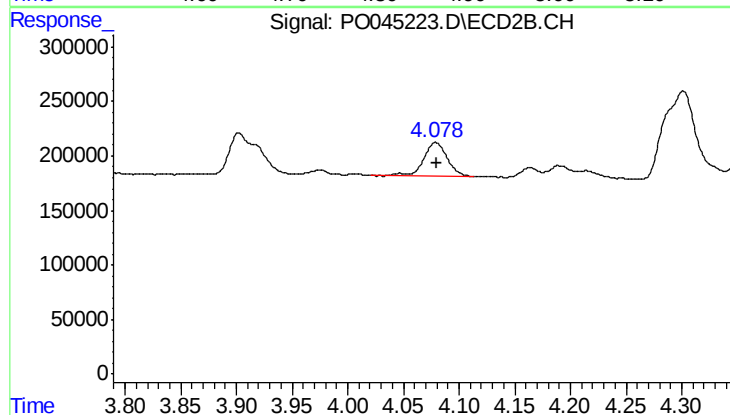
R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 4176778
Conc: 14.82 ng/ml



#3 AR-1016-1

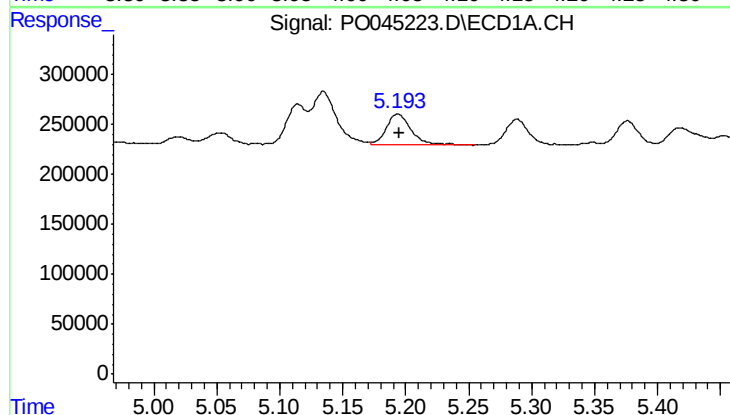
R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 341751
Conc: 64.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



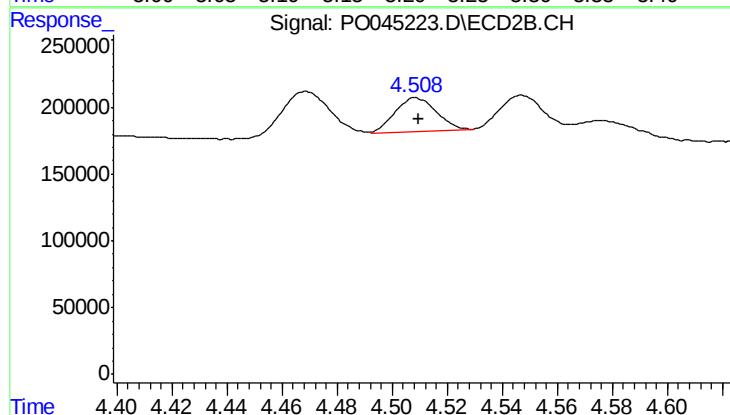
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 455051
Conc: 65.85 ng/ml



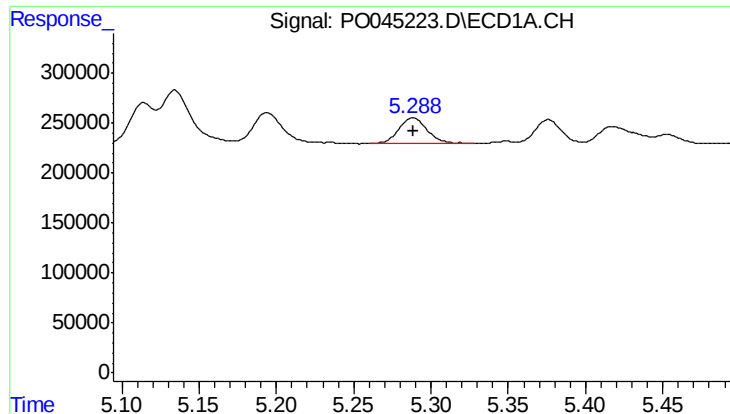
#4 AR-1016-2

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 432697
Conc: 65.08 ng/ml



#4 AR-1016-2

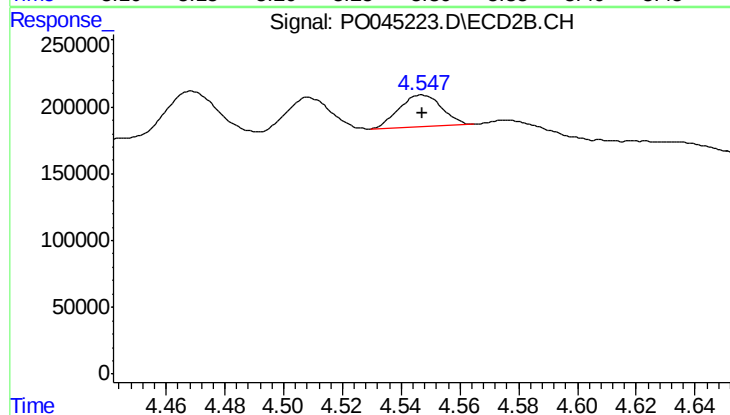
R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 256292
Conc: 44.01 ng/ml



#5 AR-1016-3

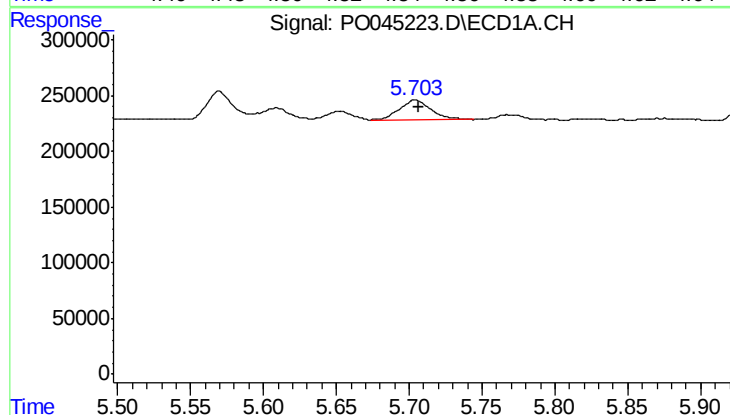
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 328025
Conc: 58.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



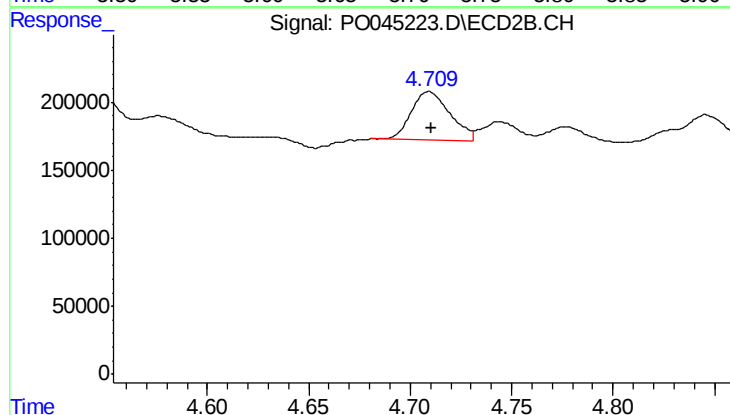
#5 AR-1016-3

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 236588
Conc: 33.95 ng/ml



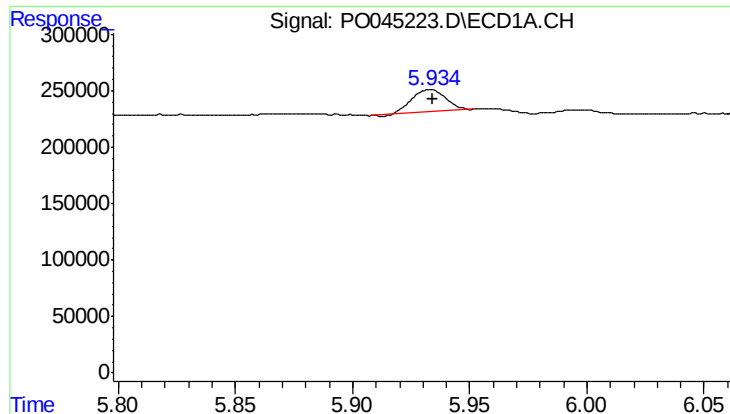
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 266034
Conc: 45.53 ng/ml



#6 AR-1016-4

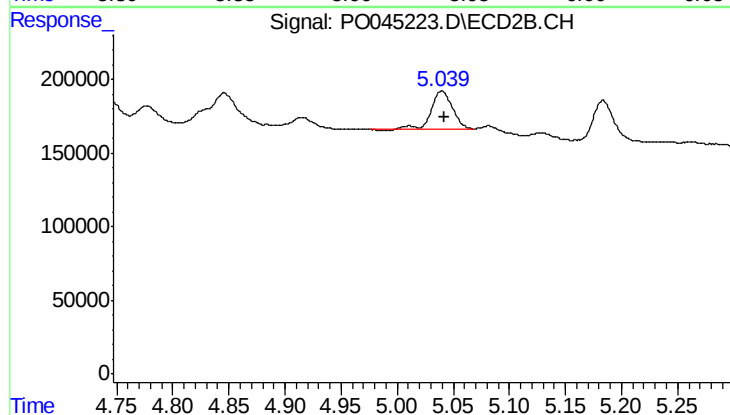
R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 468856
Conc: 62.98 ng/ml



#7 AR-1016-5

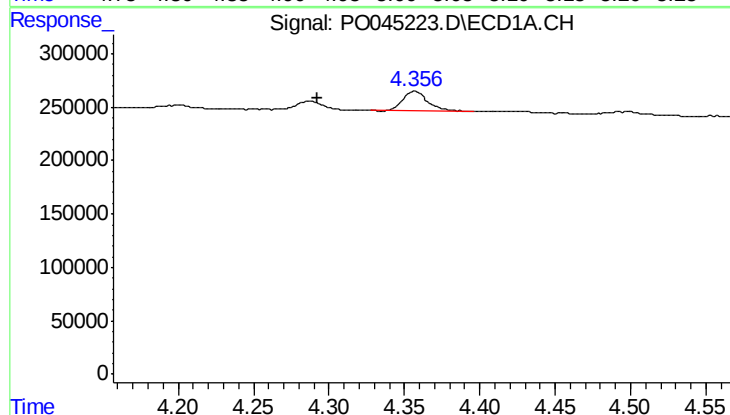
R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 198654
Conc: 38.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



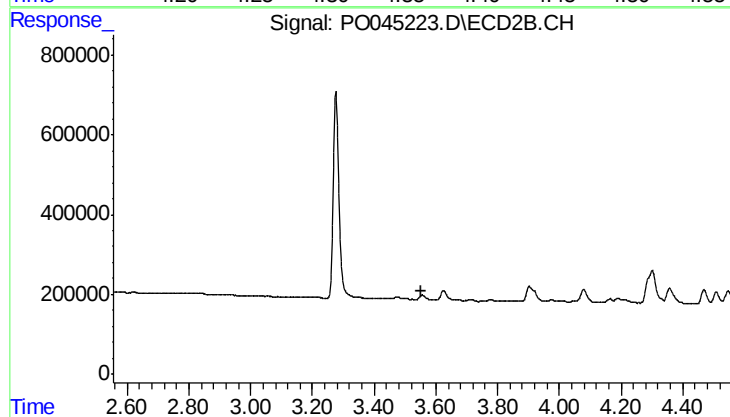
#7 AR-1016-5

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 341239
Conc: 45.51 ng/ml



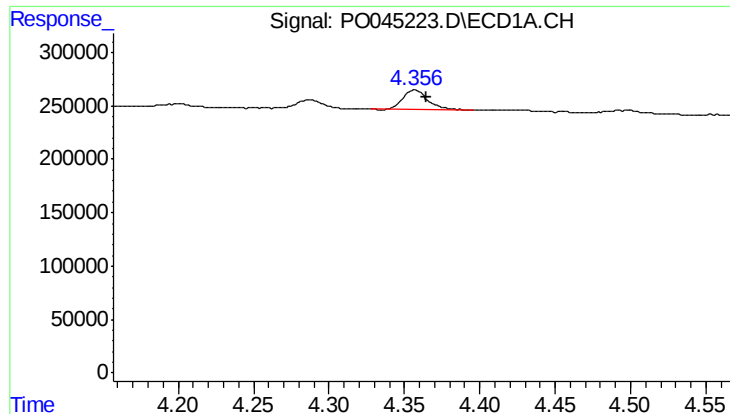
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: 0.064 min
Response: 218997
Conc: 75.25 ng/ml



#9 AR-1221-2

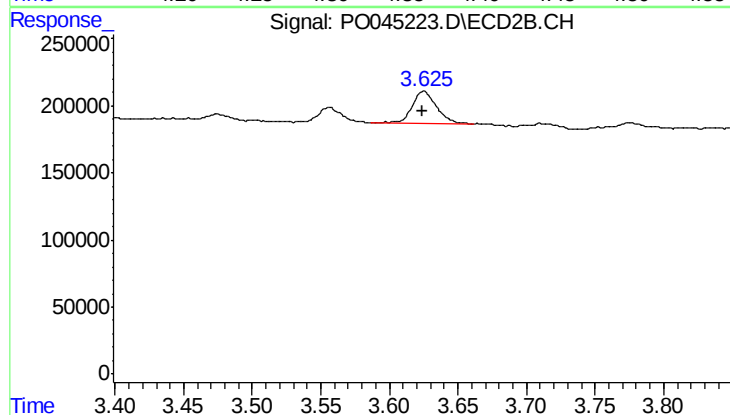
R.T.: 0.000 min
Exp R.T.: 3.555 min
Response: 0
Conc: N.D.



#10 AR-1221-3

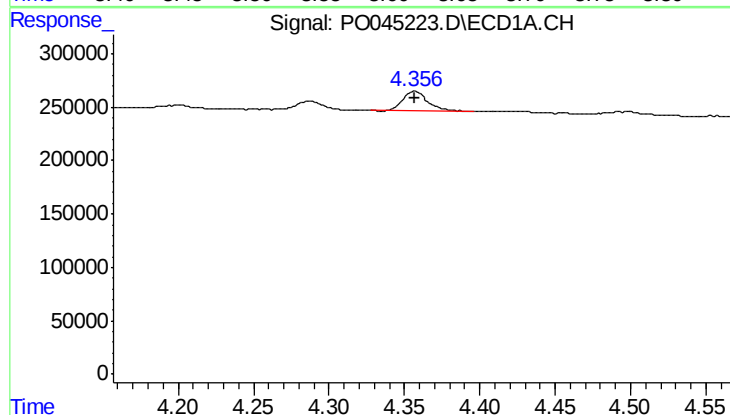
R.T.: 4.356 min
Delta R.T.: -0.008 min
Response: 218997
Conc: 23.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



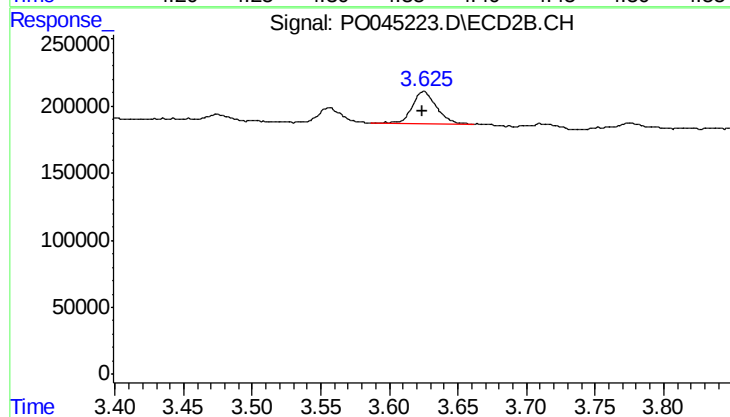
#10 AR-1221-3

R.T.: 3.625 min
Delta R.T.: 0.001 min
Response: 289909
Conc: 23.45 ng/ml



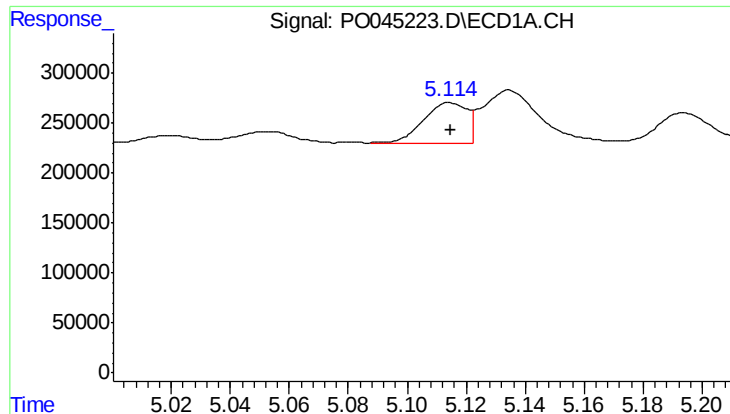
#11 AR-1232-1

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 218997
Conc: 49.57 ng/ml



#11 AR-1232-1

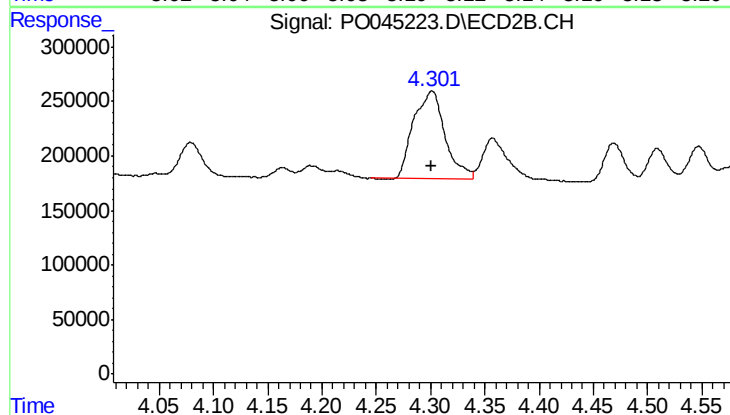
R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 289909
Conc: 49.93 ng/ml



#12 AR-1232-2

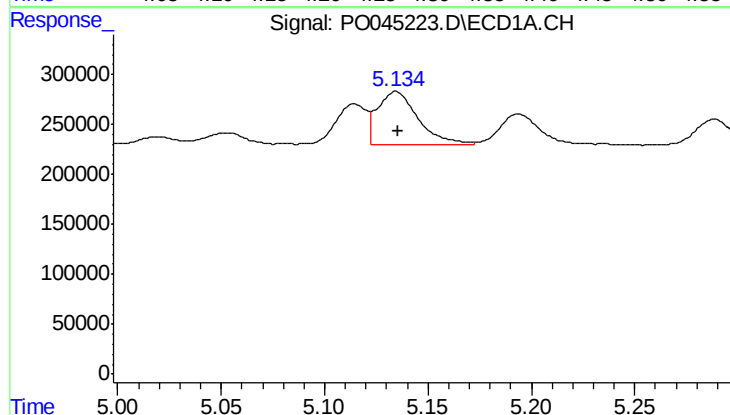
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 413924
Conc: 125.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



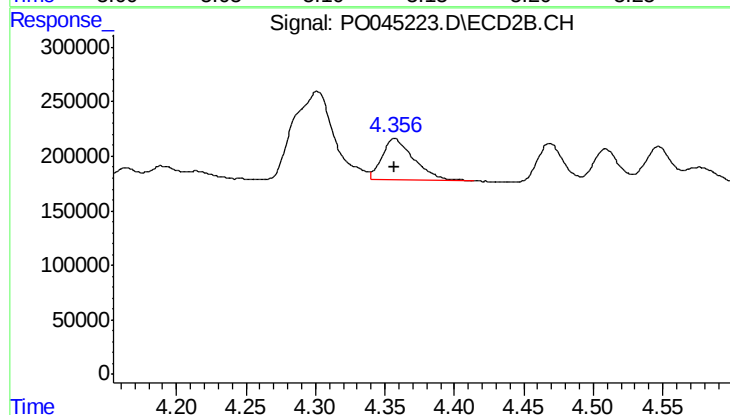
#12 AR-1232-2

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 1638599
Conc: 129.72 ng/ml



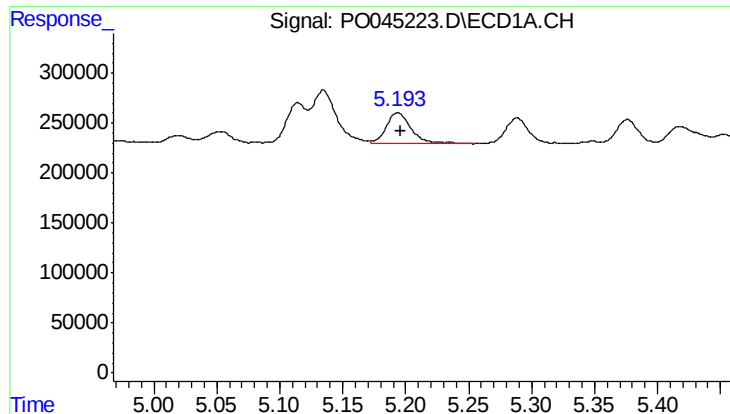
#13 AR-1232-3

R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 724456
Conc: 126.97 ng/ml



#13 AR-1232-3

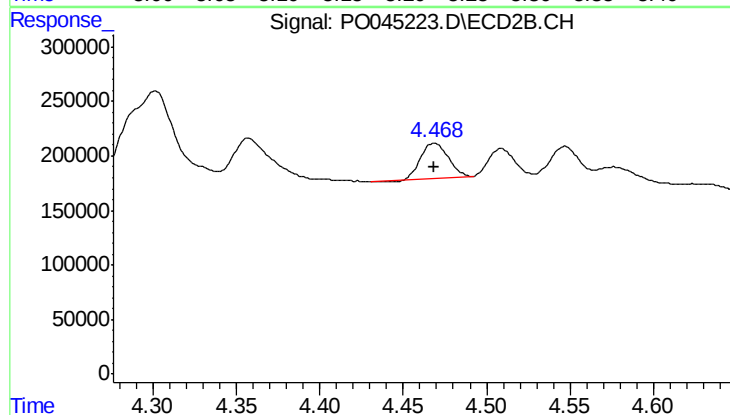
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 615610
Conc: 118.09 ng/ml



#14 AR-1232-4

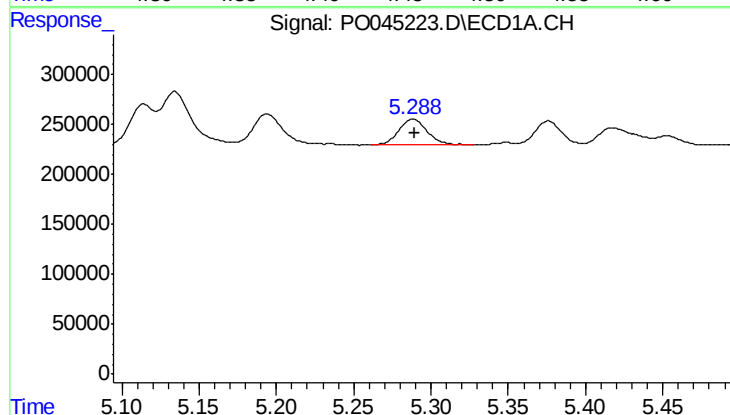
R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 432697
Conc: 126.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
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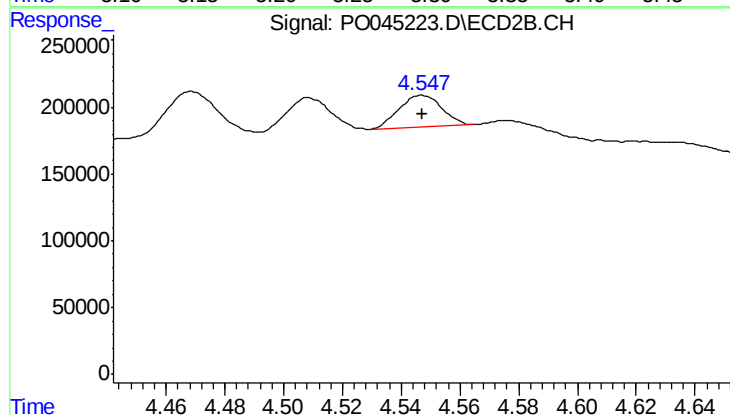
#14 AR-1232-4

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 371773
Conc: 97.53 ng/ml



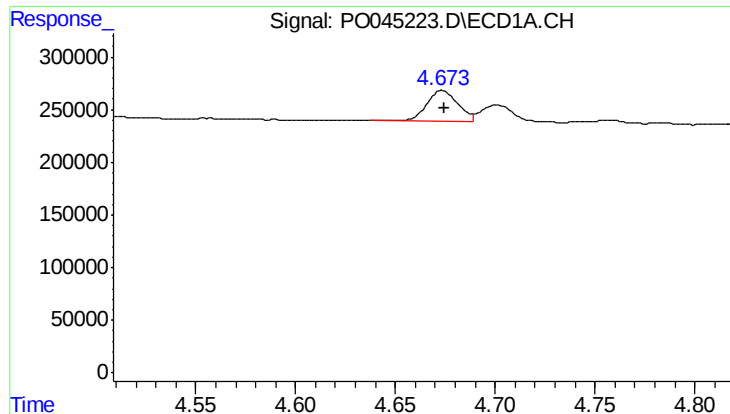
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 328025
Conc: 122.07 ng/ml



#15 AR-1232-5

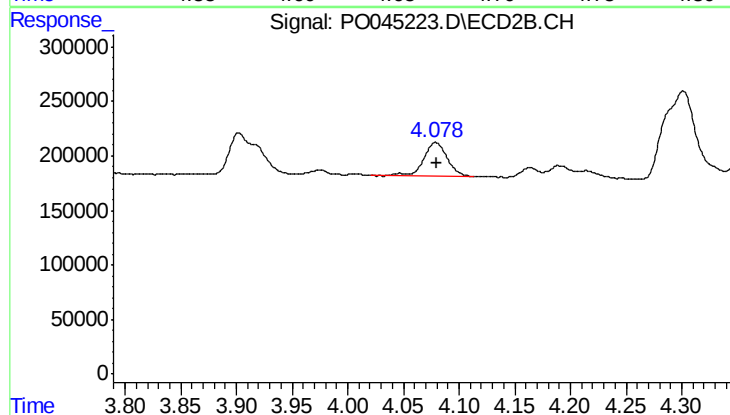
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 236588
Conc: 69.95 ng/ml



#16 AR-1242-1

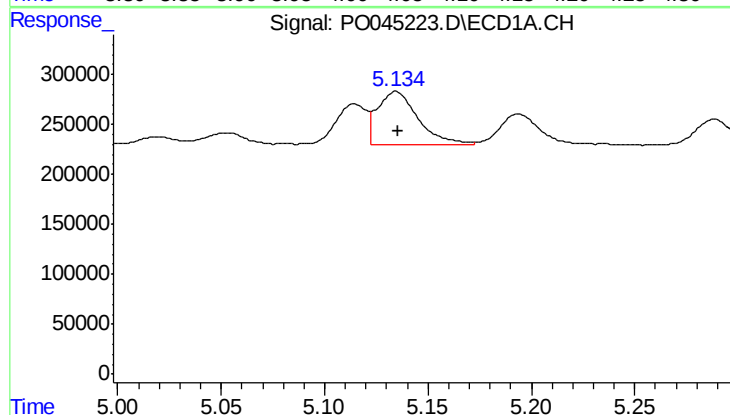
R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 314645
Conc: 78.84 ng/ml

Instrument :
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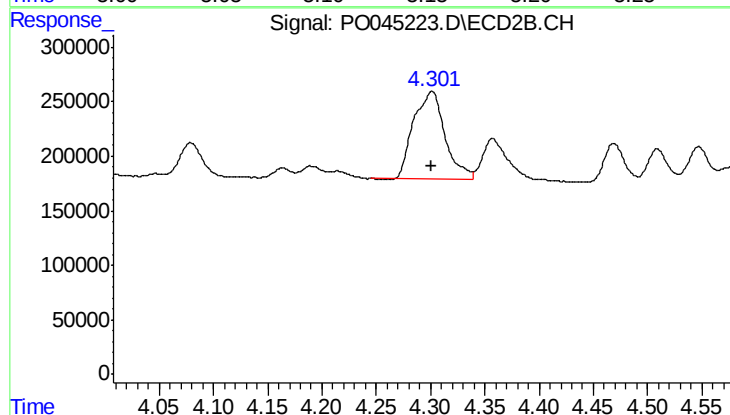
#16 AR-1242-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 455051
Conc: 81.30 ng/ml



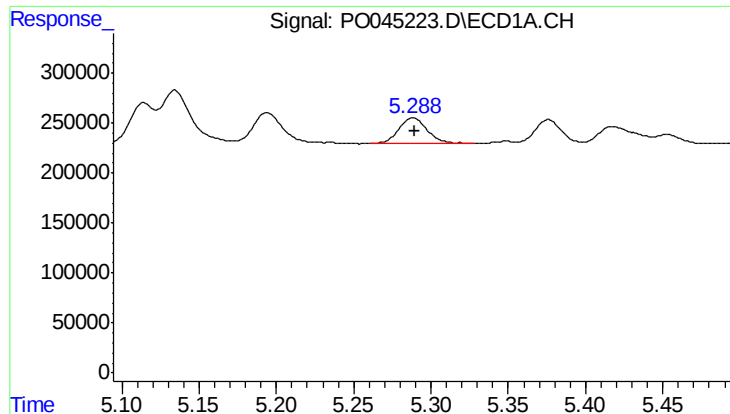
#17 AR-1242-2

R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 724456
Conc: 79.75 ng/ml



#17 AR-1242-2

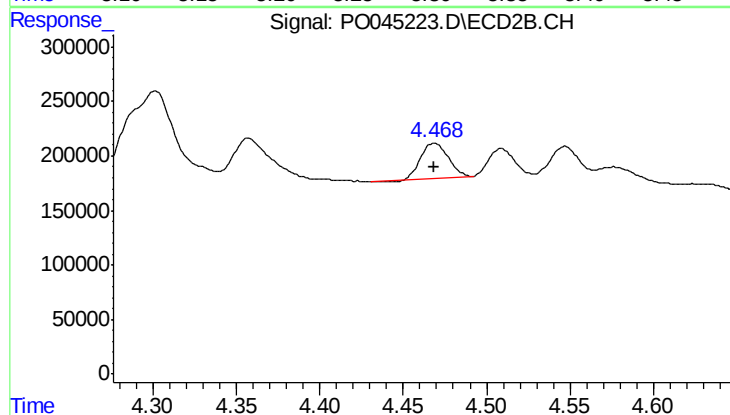
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 1638599
Conc: 80.08 ng/ml



#18 AR-1242-3

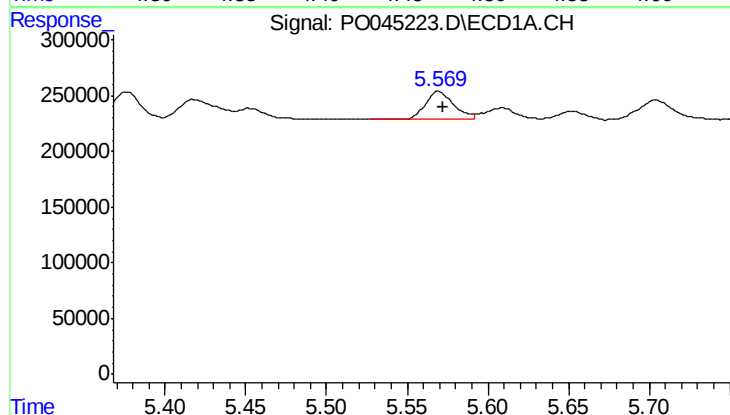
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 328025
Conc: 73.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



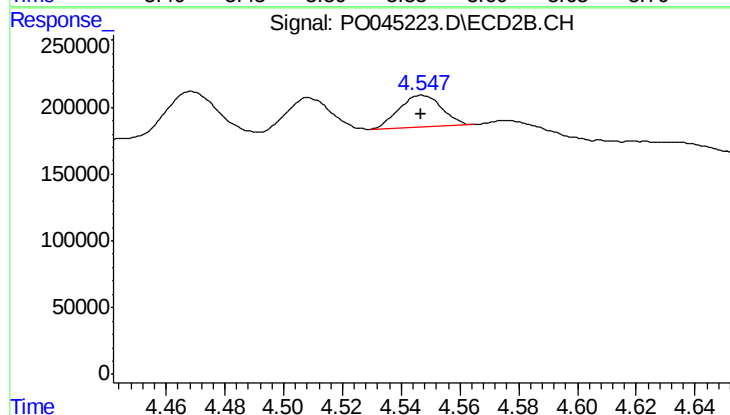
#18 AR-1242-3

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 371773
Conc: 60.49 ng/ml



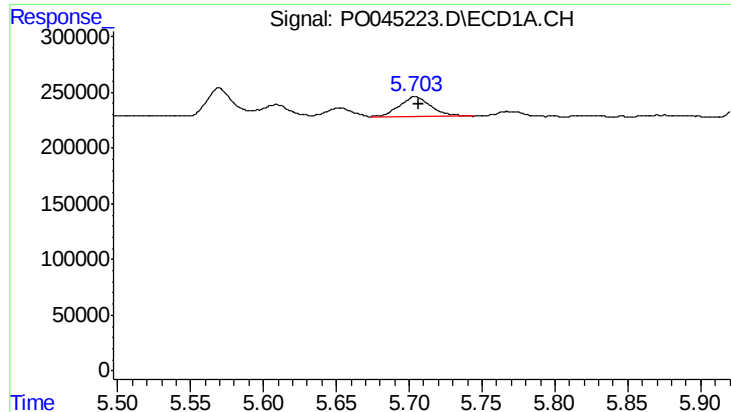
#19 AR-1242-4

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 307639
Conc: 70.88 ng/ml



#19 AR-1242-4

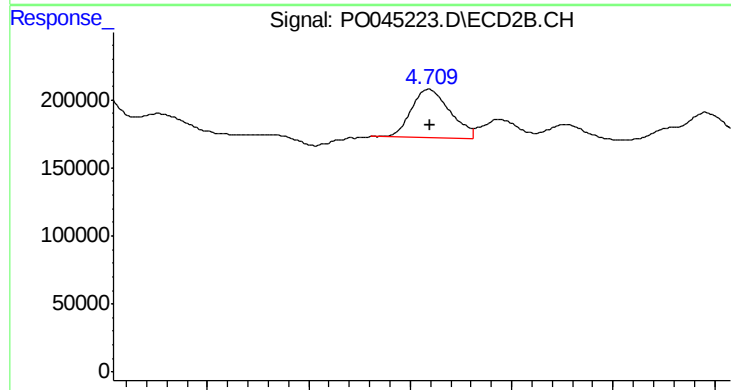
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 236588
Conc: 39.55 ng/ml



#20 AR-1242-5

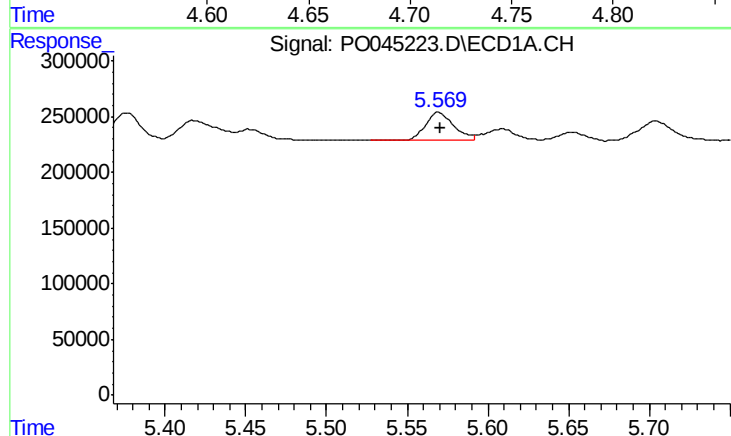
R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 266034
Conc: 54.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



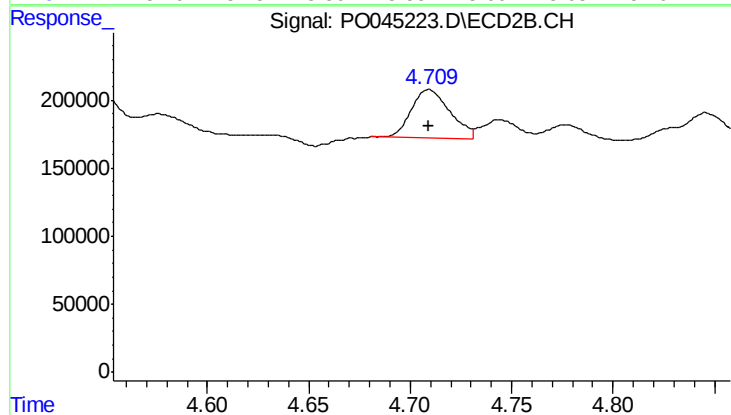
#20 AR-1242-5

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 468856
Conc: 71.86 ng/ml



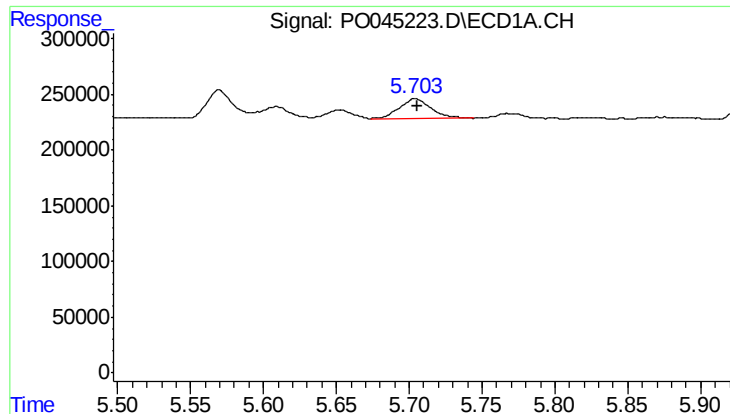
#21 AR-1248-1

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 307639
Conc: 43.38 ng/ml



#21 AR-1248-1

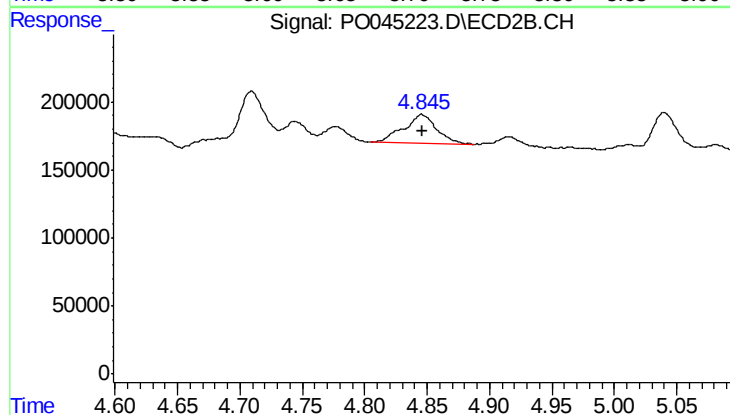
R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 468856
Conc: 44.17 ng/ml



#22 AR-1248-2

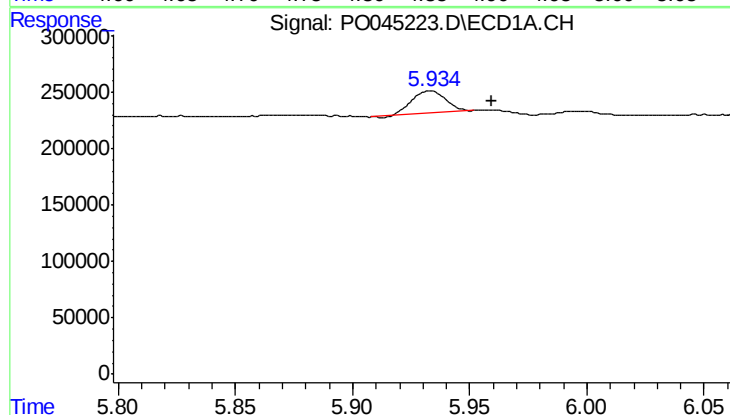
R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 266034
Conc: 42.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



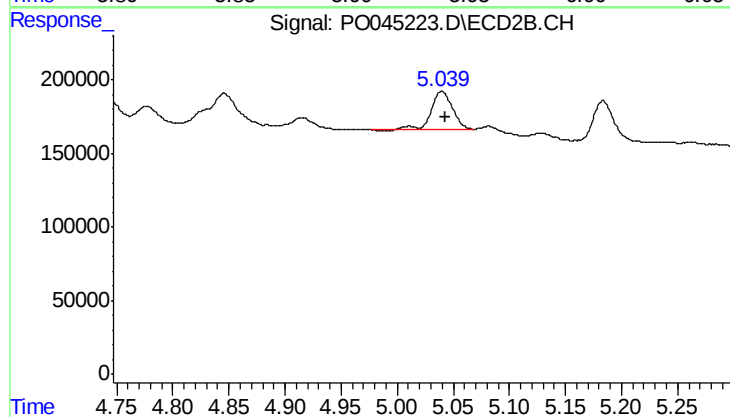
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 395179
Conc: 38.40 ng/ml



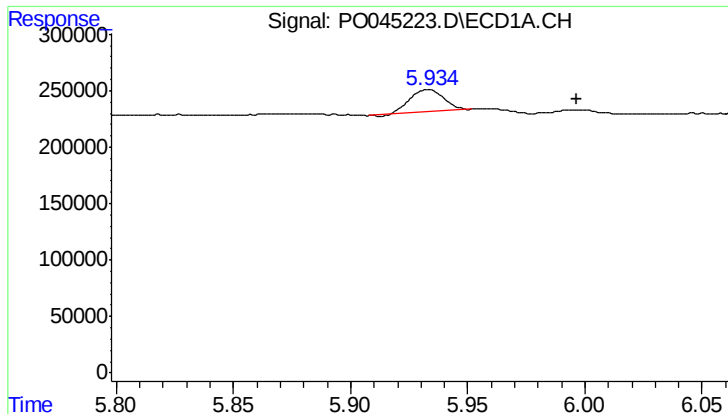
#23 AR-1248-3

R.T.: 5.933 min
Delta R.T.: -0.026 min
Response: 198654
Conc: 22.91 ng/ml



#23 AR-1248-3

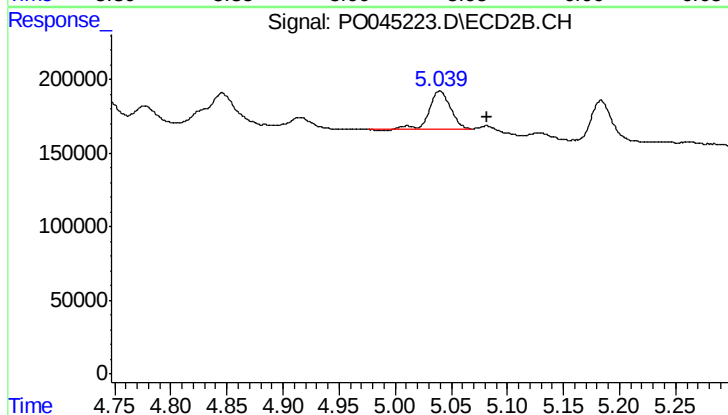
R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 341239
Conc: 21.22 ng/ml



#24 AR-1248-4

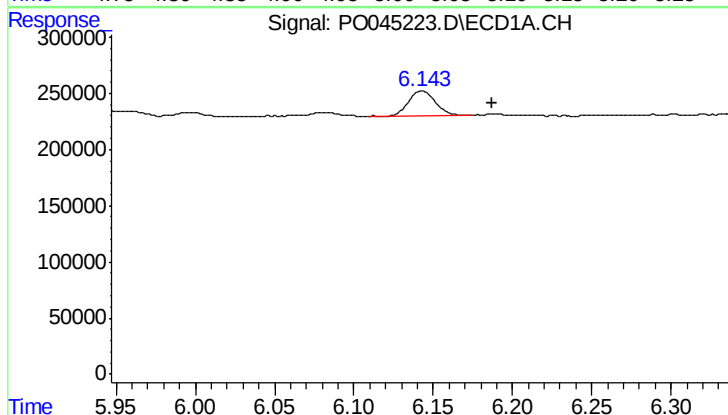
R.T.: 5.933 min
Delta R.T.: -0.063 min
Response: 198654
Conc: 22.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



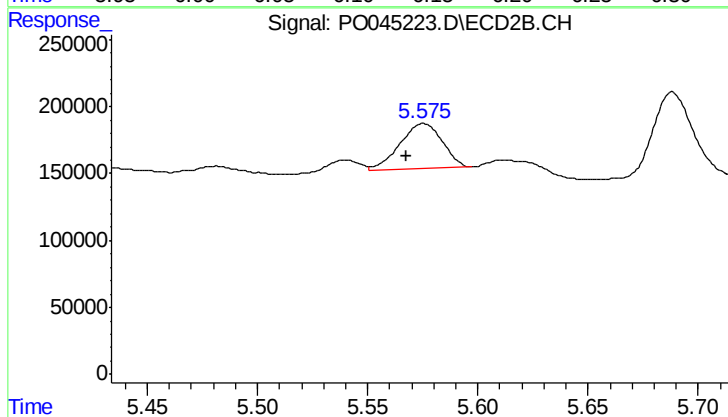
#24 AR-1248-4

R.T.: 5.040 min
Delta R.T.: -0.042 min
Response: 341239
Conc: 25.47 ng/ml



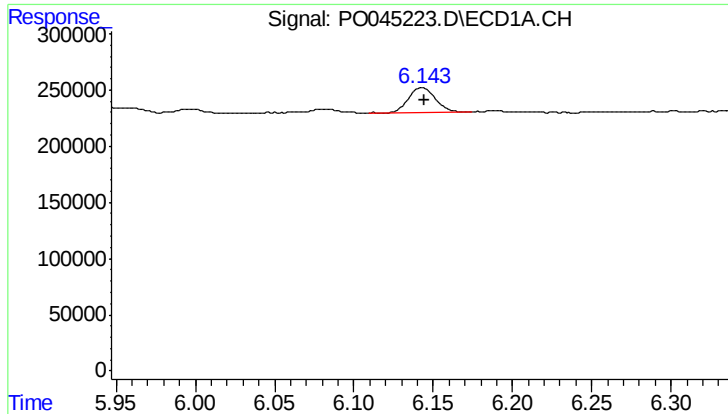
#25 AR-1248-5

R.T.: 6.143 min
Delta R.T.: -0.045 min
Response: 262501
Conc: 47.01 ng/ml



#25 AR-1248-5

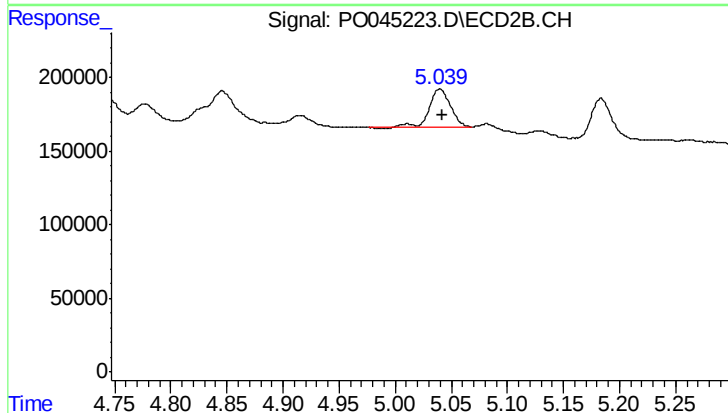
R.T.: 5.575 min
Delta R.T.: 0.008 min
Response: 459051
Conc: 63.80 ng/ml



#26 AR-1254-1

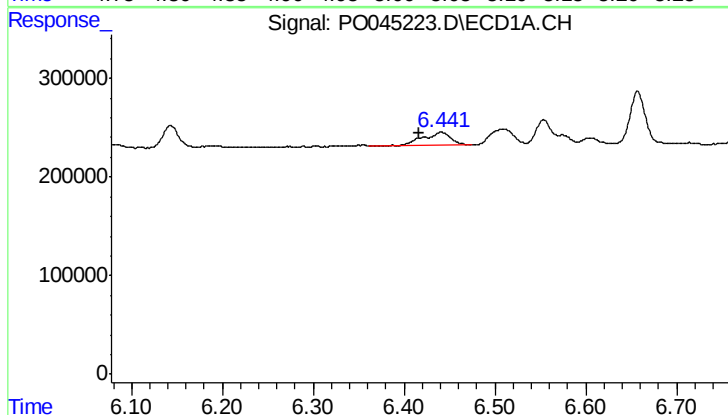
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 262501
Conc: 18.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



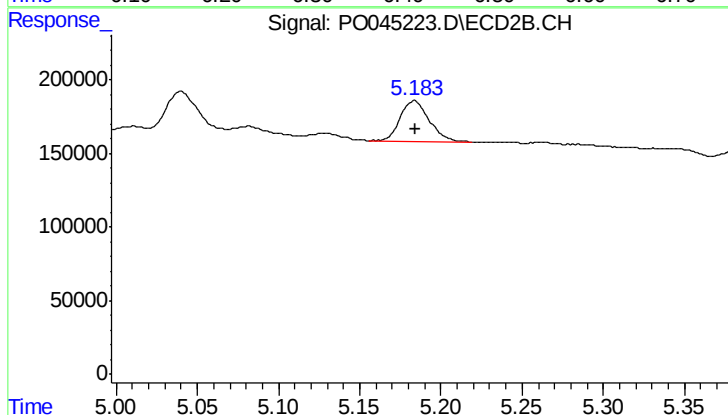
#26 AR-1254-1

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 341239
Conc: 18.62 ng/ml



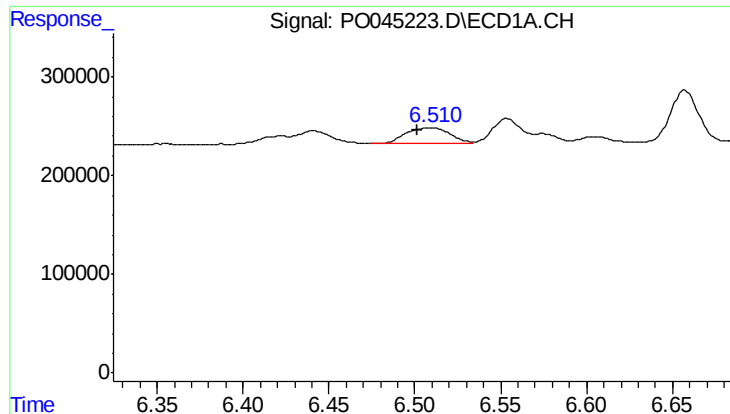
#27 AR-1254-2

R.T.: 6.441 min
Delta R.T.: 0.024 min
Response: 266742
Conc: 27.76 ng/ml



#27 AR-1254-2

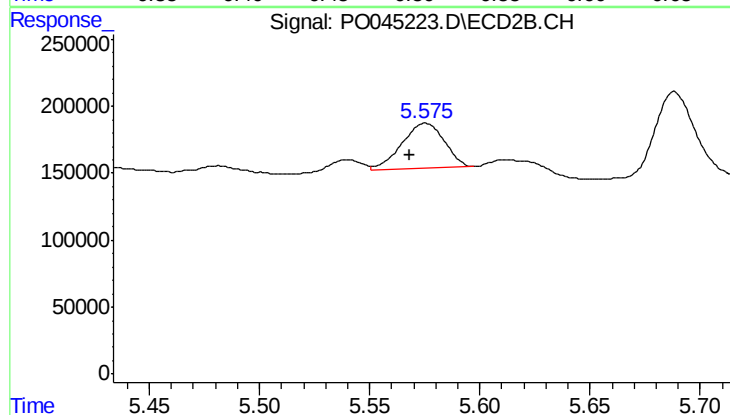
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 346024
Conc: 21.60 ng/ml



#28 AR-1254-3

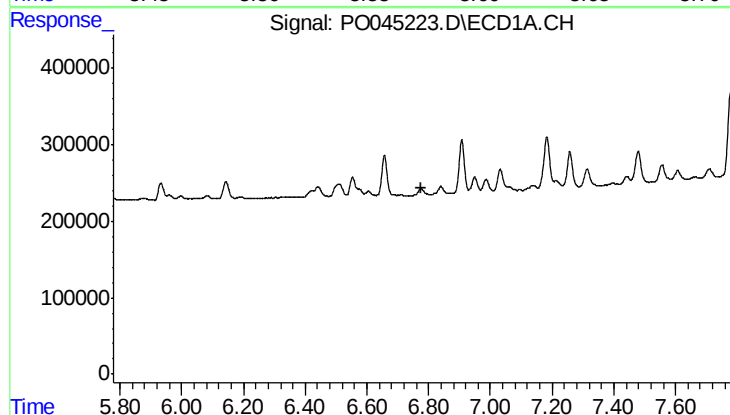
R.T.: 6.510 min
Delta R.T.: 0.009 min
Response: 281774
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



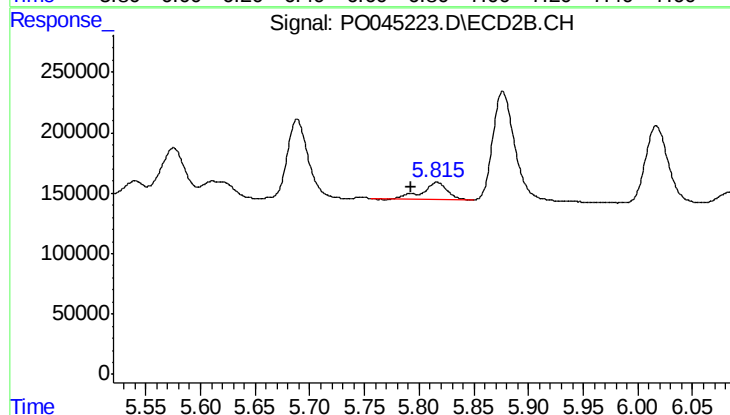
#28 AR-1254-3

R.T.: 5.575 min
Delta R.T.: 0.007 min
Response: 459051
Conc: 17.82 ng/ml



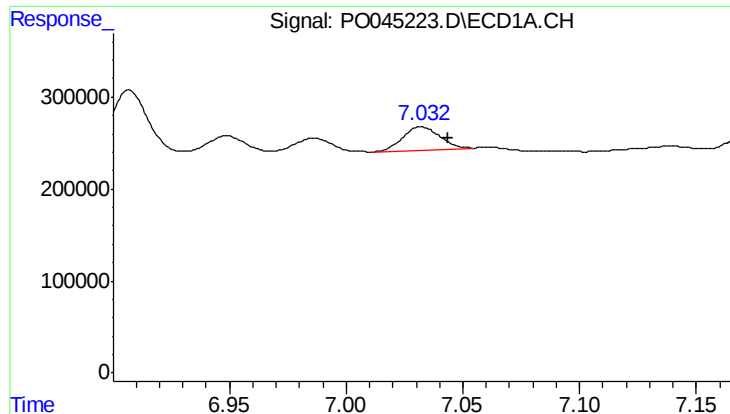
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.778 min
Response: 0
Conc: N.D.



#29 AR-1254-4

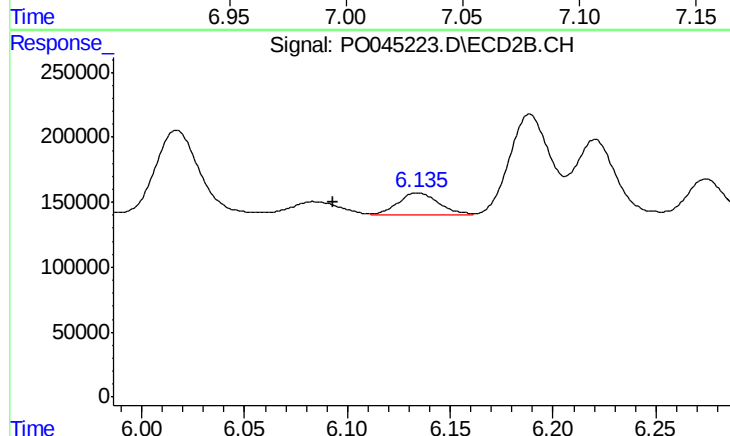
R.T.: 5.816 min
Delta R.T.: 0.024 min
Response: 226334
Conc: 11.37 ng/ml



#30 AR-1254-5

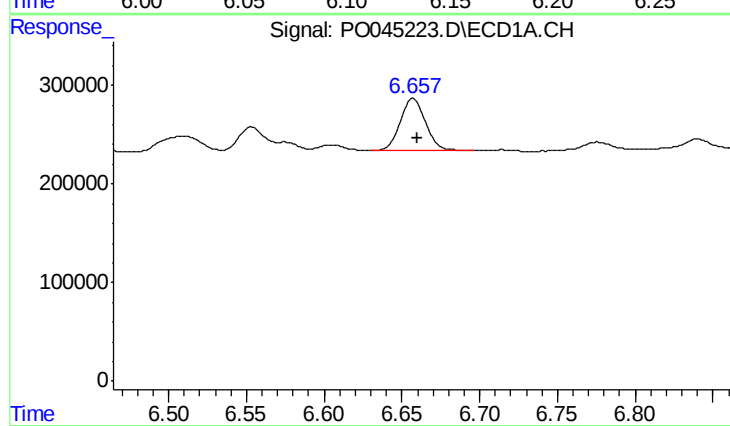
R.T.: 7.032 min
Delta R.T.: -0.011 min
Response: 273619
Conc: 28.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



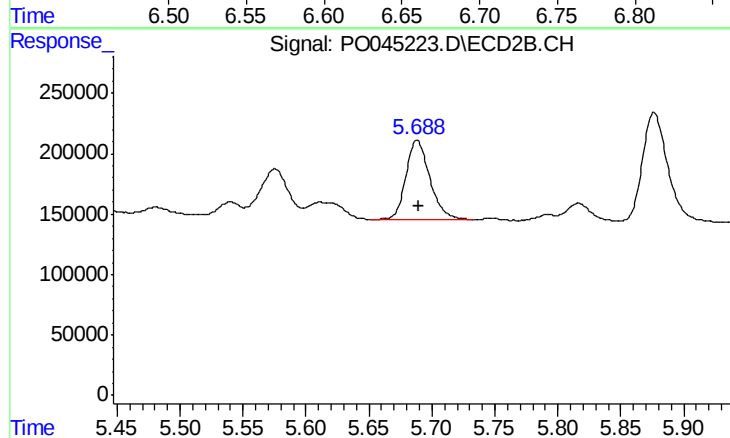
#30 AR-1254-5

R.T.: 6.134 min
Delta R.T.: 0.041 min
Response: 231652
Conc: 19.46 ng/ml



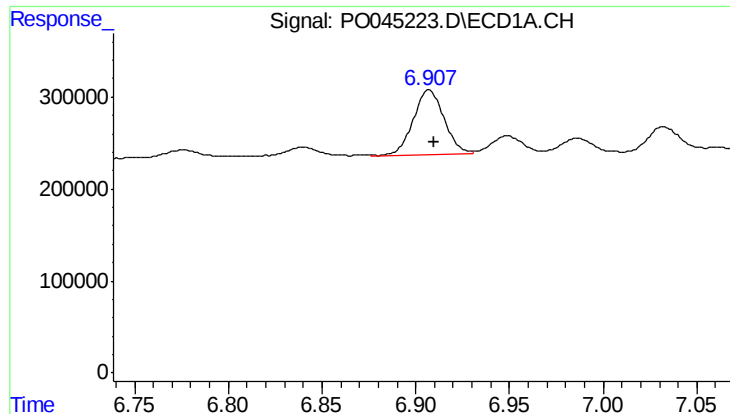
#31 AR-1260-1

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 607565
Conc: 52.45 ng/ml



#31 AR-1260-1

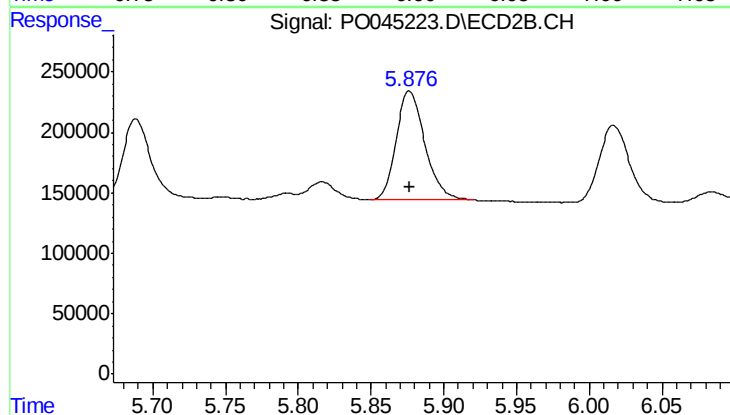
R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 867394
Conc: 53.01 ng/ml



#32 AR-1260-2

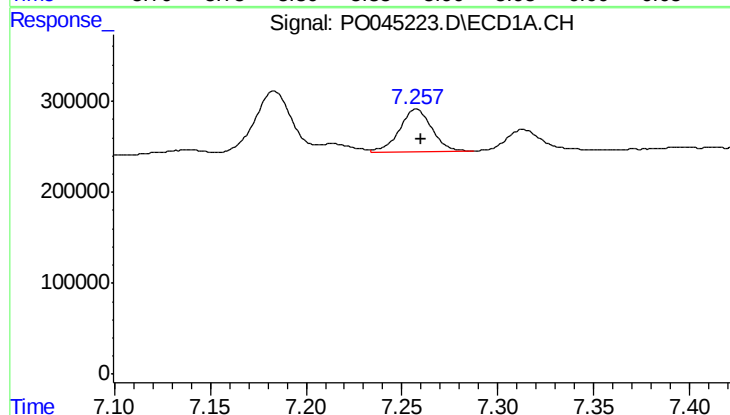
R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 810290
Conc: 53.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



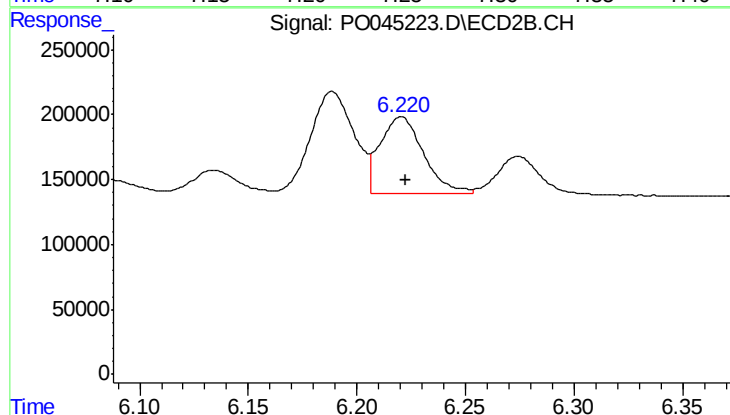
#32 AR-1260-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1232575
Conc: 58.34 ng/ml



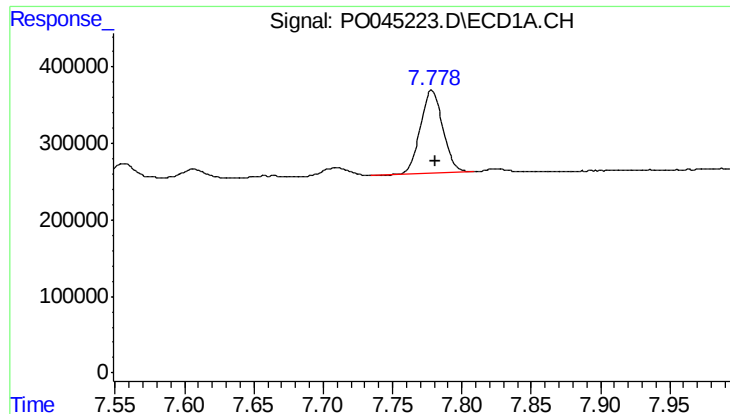
#33 AR-1260-3

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 560466
Conc: 44.15 ng/ml



#33 AR-1260-3

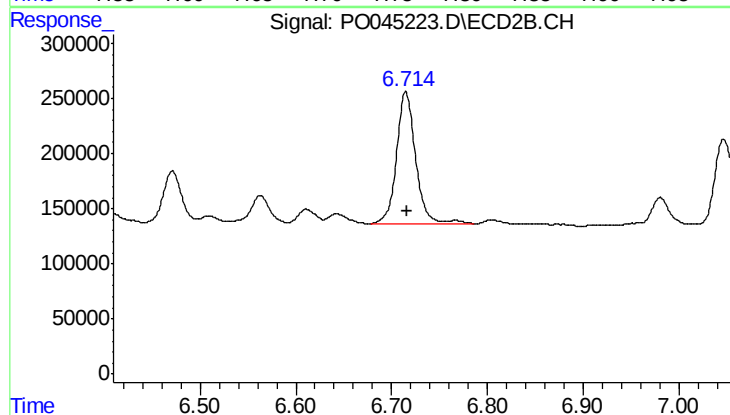
R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 826648
Conc: 43.67 ng/ml



#34 AR-1260-4

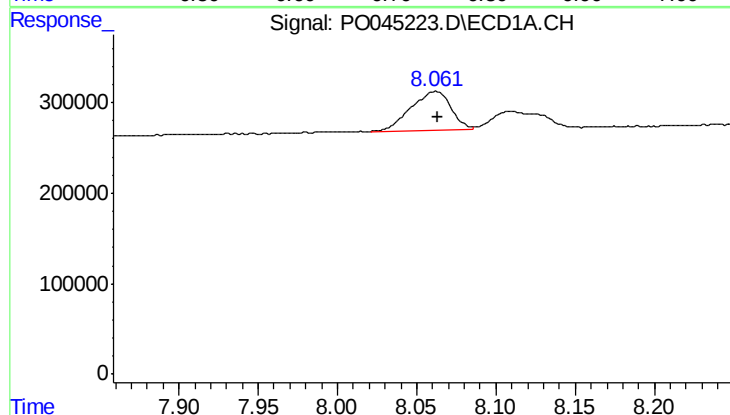
R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 1233640
Conc: 43.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



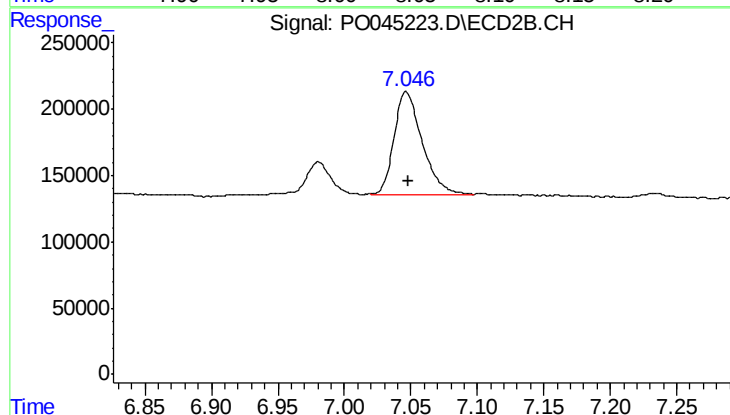
#34 AR-1260-4

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 1667095
Conc: 42.34 ng/ml



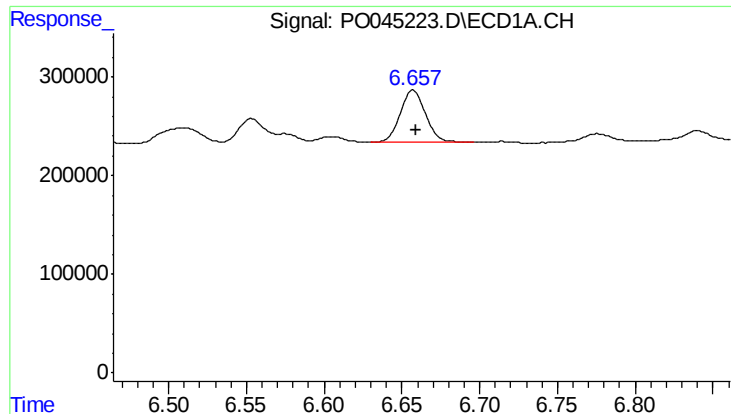
#35 AR-1260-5

R.T.: 8.062 min
Delta R.T.: -0.001 min
Response: 765721
Conc: 45.77 ng/ml



#35 AR-1260-5

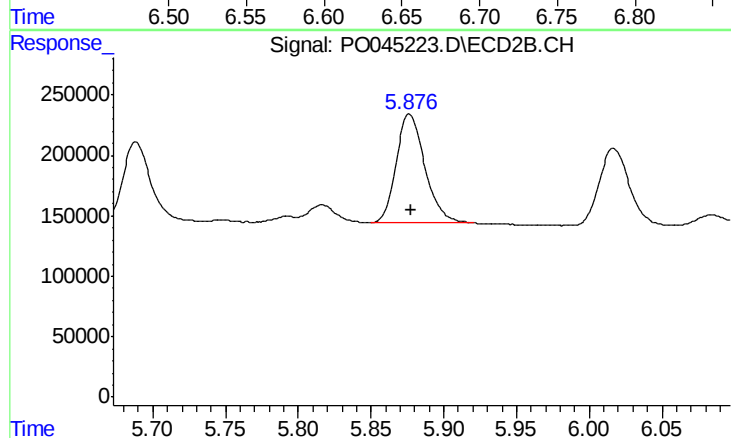
R.T.: 7.046 min
Delta R.T.: -0.002 min
Response: 1135608
Conc: 41.19 ng/ml



#36 AR-1262-1

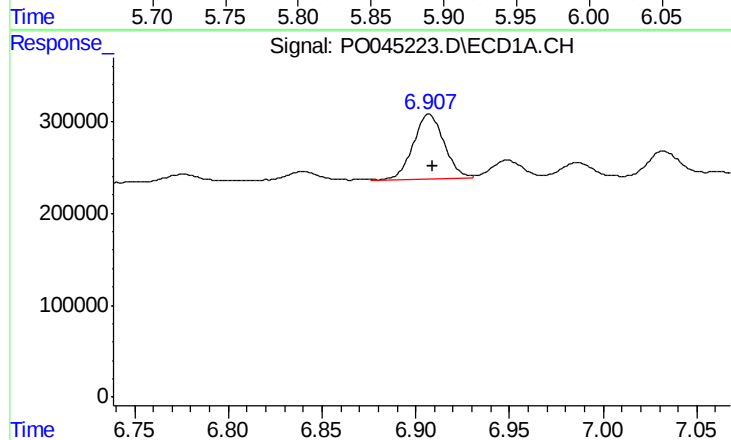
R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 607565
Conc: 55.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



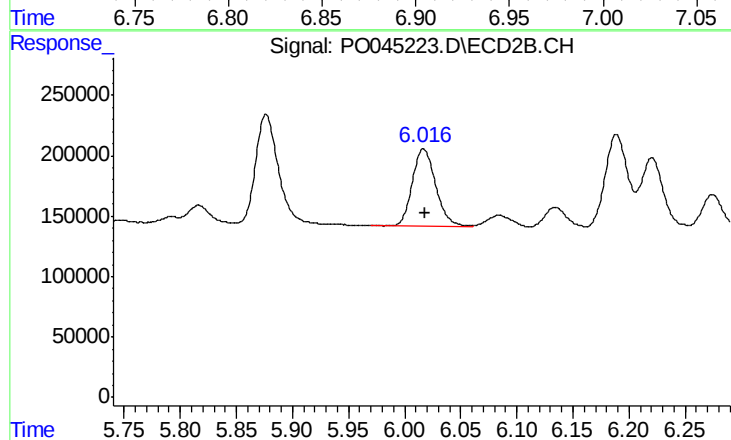
#36 AR-1262-1

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1232575
Conc: 65.11 ng/ml



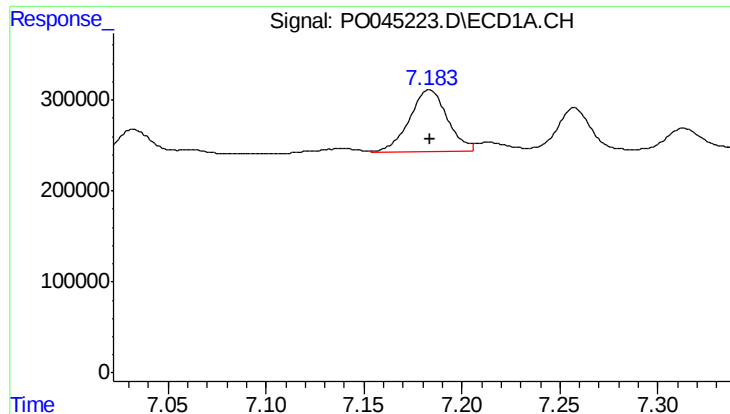
#37 AR-1262-2

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 810290
Conc: 58.91 ng/ml



#37 AR-1262-2

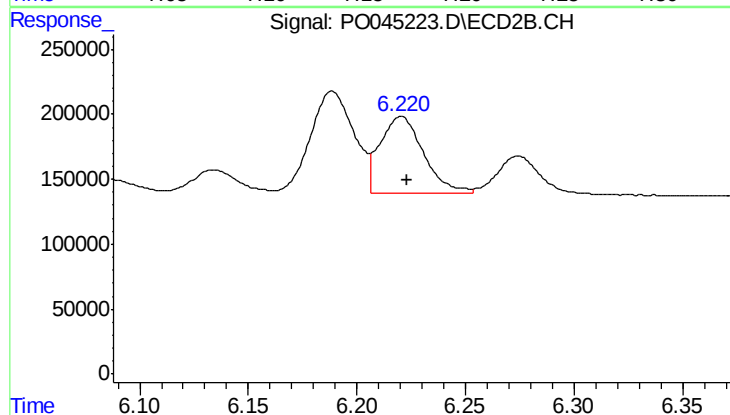
R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 923192
Conc: 50.31 ng/ml



#38 AR-1262-3

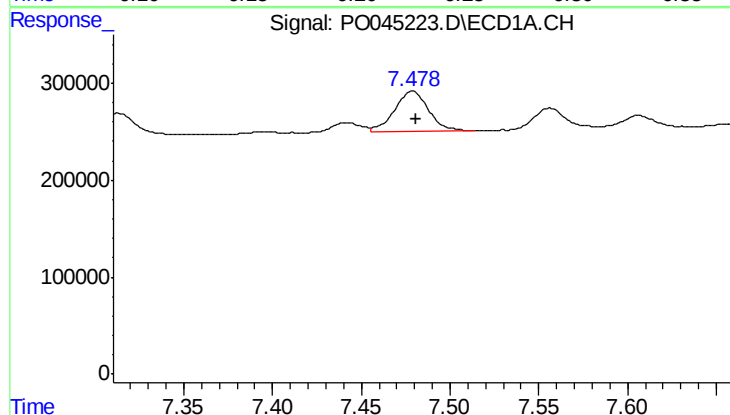
R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 928417
Conc: 72.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



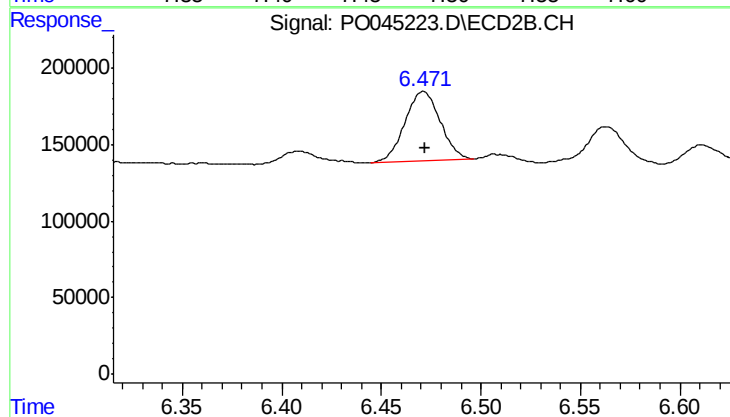
#38 AR-1262-3

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 826648
Conc: 26.96 ng/ml



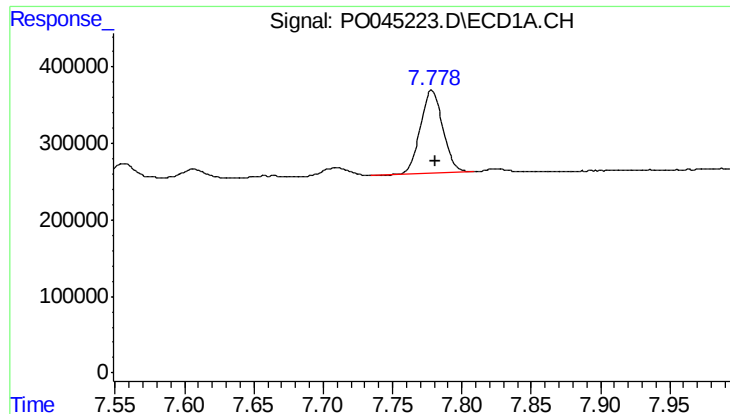
#39 AR-1262-4

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 558227
Conc: 32.50 ng/ml



#39 AR-1262-4

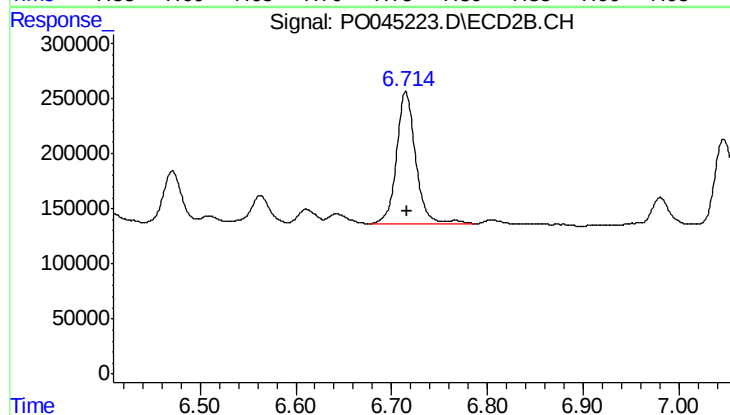
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 556742
Conc: 22.09 ng/ml



#40 AR-1262-5

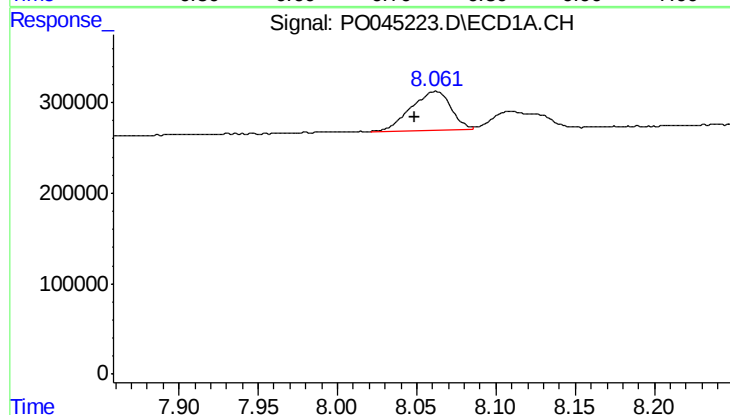
R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 1233640
Conc: 33.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



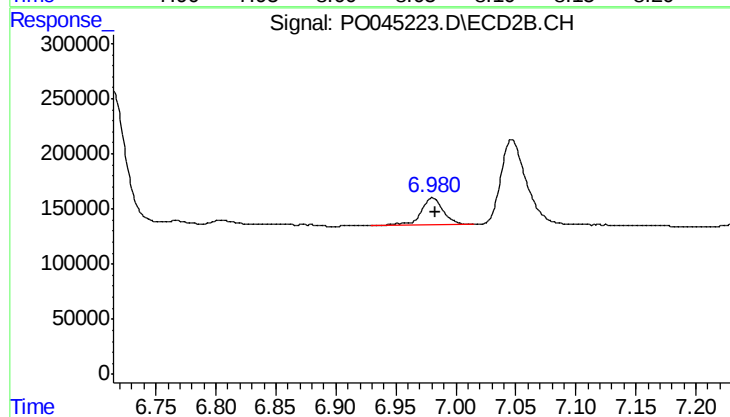
#40 AR-1262-5

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 1667095
Conc: 30.59 ng/ml



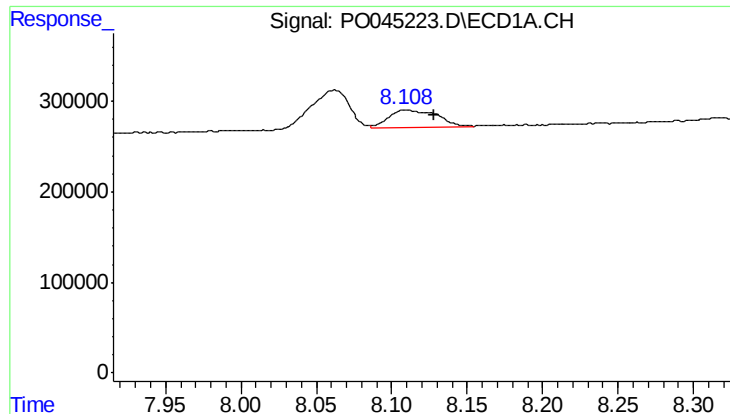
#41 AR-1268-1

R.T.: 8.062 min
Delta R.T.: 0.013 min
Response: 765721
Conc: 20.10 ng/ml



#41 AR-1268-1

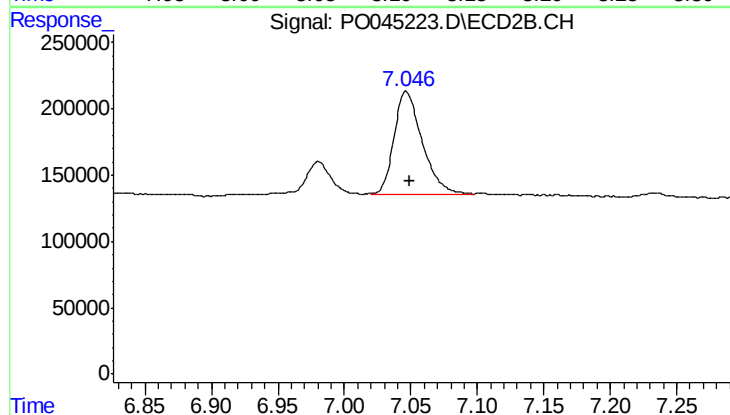
R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 318322
Conc: 5.77 ng/ml



#42 AR-1268-2

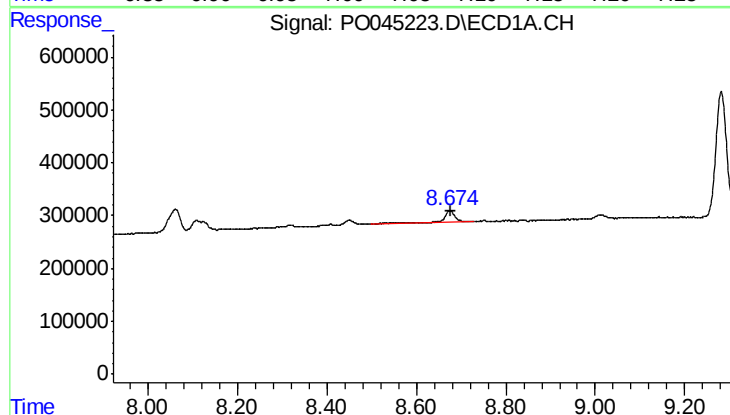
R.T.: 8.108 min
Delta R.T.: -0.020 min
Response: 439646
Conc: 12.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109547BSD



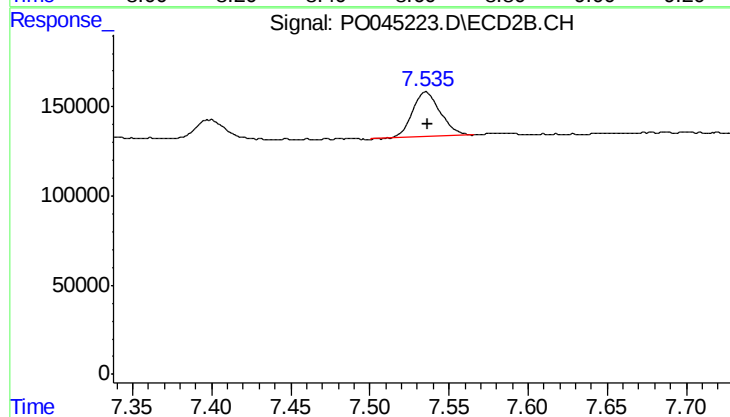
#42 AR-1268-2

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 1135608
Conc: 22.24 ng/ml



#44 AR-1268-4

R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 421641
Conc: 34.62 ng/ml



#44 AR-1268-4

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 314584
Conc: 18.08 ng/ml