

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072318\
 Data File : PR030557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2018 11:12 am
 Operator : SM\MA
 Sample : J4051-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 11:27:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jul 22 23:34:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.555	3.691	219.5E6	521.6E6	6.549	10.355 #
2)	SA Decachlor...	10.328	8.607	342.2E6	200.6E6	8.818	8.382
Target Compounds							
3)	L1 AR-1016-1	5.404	4.544	6758732	7440293	8.382	5.401 #
4)	L1 AR-1016-2	0.000	4.947	0	578747	N.D.	0.384 #
5)	L1 AR-1016-3	0.000	5.022	0	3565195	N.D.	2.375 #
6)	L1 AR-1016-4	6.159	5.194	29566935	6377005	33.415	3.817 #
7)	L1 AR-1016-5	6.334	5.538	19483753	87378471	19.898	48.918 #
8)	L2 AR-1221-1	4.761	3.889	12893403	16095668	26.999	23.733
9)	L2 AR-1221-2	0.000	3.986	0	7338939	N.D.	14.386 #
10)	L2 AR-1221-3	4.952	4.031	7958190	483070	7.406	0.290 #
11)	L3 AR-1232-1	4.952	4.031	7958190	483070	12.915	0.490 #
12)	L3 AR-1232-2	5.404	4.947	6758732	578747	18.896	0.936 #
13)	L3 AR-1232-3	0.000	4.983	0	10076713	N.D.	22.477 #
14)	L3 AR-1232-4	0.000	5.538	0	87378471	N.D.	109.212 #
15)	L3 AR-1232-5	6.334	5.562	19483753	41871629	50.265	57.820
16)	L4 AR-1242-1	5.404	4.544	6758732	7440293	9.858	6.345 #
17)	L4 AR-1242-2	0.000	4.751	0	2658595	N.D.	0.984 #
18)	L4 AR-1242-3	0.000	4.887	0	2198300	N.D.	1.372 #
19)	L4 AR-1242-4	0.000	5.022	0	3565195	N.D.	2.819 #
20)	L4 AR-1242-5	6.159	5.194	29566935	6377005	40.529	4.479 #
21)	L5 AR-1248-1	5.987	4.983	12004868	10076713	11.650	5.842 #
22)	L5 AR-1248-2	6.159	5.022	29566935	3565195	25.422	1.992 #
23)	L5 AR-1248-3	6.566	5.194	64248938	6377005	62.209	2.855 #
24)	L5 AR-1248-4	6.636	5.538	10218220	87378471	7.815	25.811 #
25)	L5 AR-1248-5	6.784	5.562	66074422	41871629	48.777	17.286 #
26)	L6 AR-1254-1	5.987	4.983	12004868	10076713	18.029	8.371 #
27)	L6 AR-1254-2	6.784	5.682	66074422	126.7E6	33.378	42.763 #
28)	L6 AR-1254-3	7.151	6.080	241.5E6	362.9E6	112.654	73.964 #
29)	L6 AR-1254-4	7.434	6.306	153.9E6	247.6E6	84.033	64.822
30)	L6 AR-1254-5	7.852	6.716	460.3E6	556.1E6	254.016	143.428 #
31)	L7 AR-1260-1	7.314	6.206	90413117	224.4E6	51.258	62.736
32)	L7 AR-1260-2	7.568	6.391	162.1E6	404.3E6	64.855	87.879 #
33)	L7 AR-1260-3	7.920	6.716	47482580	556.1E6	23.651	159.178 #
34)	L7 AR-1260-4	8.144	7.007	176.4E6	41643061	94.260	16.768 #
35)	L7 AR-1260-5	8.481	7.248	115.4E6	99830718	25.936	18.585 #
36)	L8 AR-1262-1	7.314	6.206	90413117	224.4E6	61.509	76.580
37)	L8 AR-1262-2	7.568	6.391	162.1E6	404.3E6	81.736	116.403 #
38)	L8 AR-1262-3	7.920	6.716	47482580	556.1E6	16.644	123.669 #
39)	L8 AR-1262-4	8.144	7.007	176.4E6	41643061	78.933	13.295 #
40)	L8 AR-1262-5	8.481	7.248	115.4E6	99830718	22.840	17.398
41)	L9 AR-1268-1	8.815	7.525	99983267	9652516	18.610	2.061 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072318\
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 Operator : SM\MA
 Sample : J4051-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

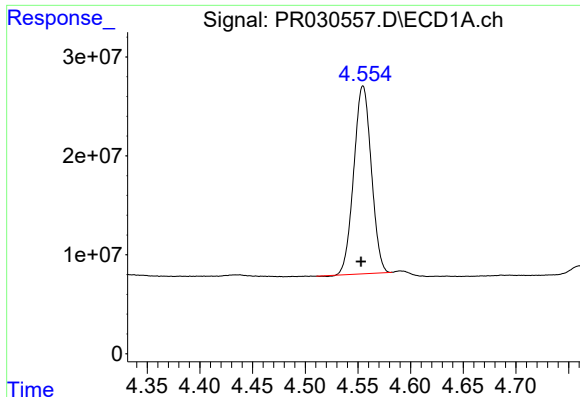
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 11:27:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072218.M
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 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
42) L9	AR-1268-2	8.868	7.590	33396005	78314010	7.115	19.640 #
43) L9	AR-1268-3	0.000	7.791	0	4676285	N.D.	1.556 #
44) L9	AR-1268-4	9.559	8.083	18571478	22332465	10.291	17.502 #
45) L9	AR-1268-5	9.984	8.364	14056971	6015563	1.150	0.844 #

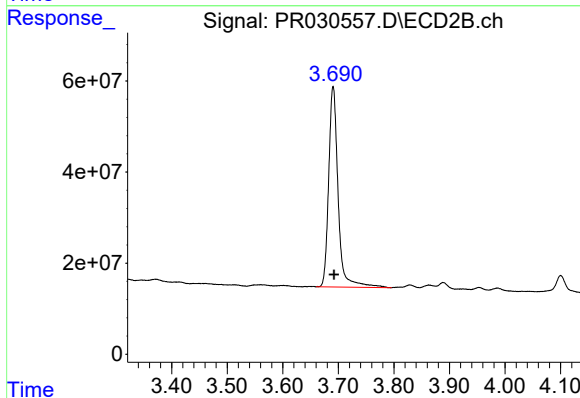
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

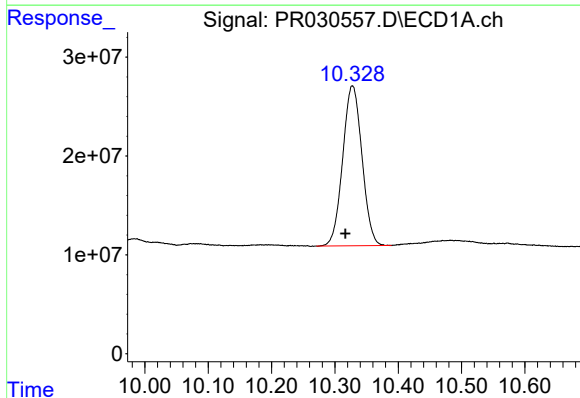
R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 219515514
Conc: 6.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



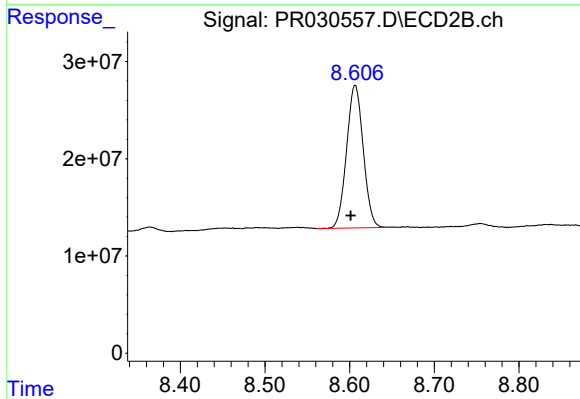
#1 Tetrachloro-m-xylene

R.T.: 3.691 min
Delta R.T.: -0.002 min
Response: 521564324
Conc: 10.35 ng/ml



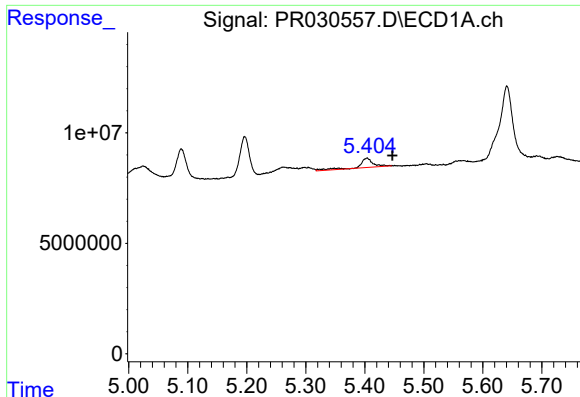
#2 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: 0.011 min
Response: 342151061
Conc: 8.82 ng/ml



#2 Decachlorobiphenyl

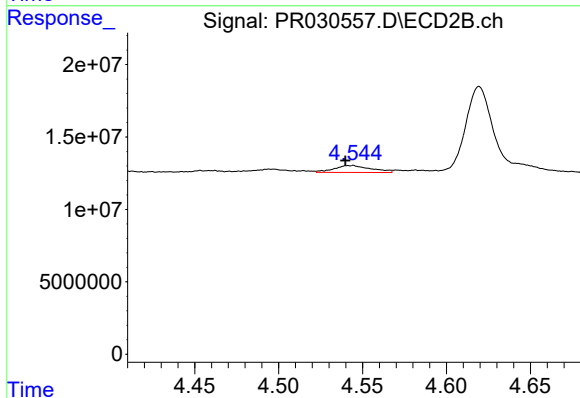
R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 200556220
Conc: 8.38 ng/ml



#3 AR-1016-1

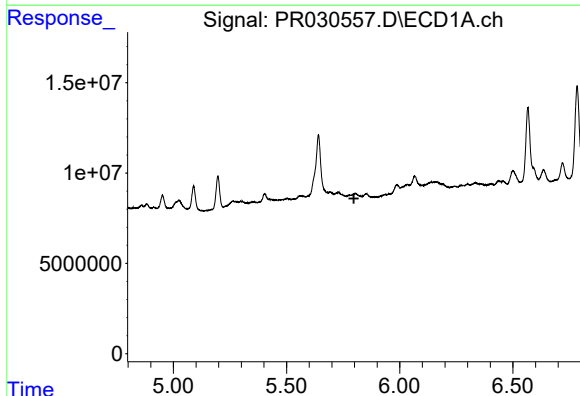
R.T.: 5.404 min
Delta R.T.: -0.043 min
Response: 6758732
Conc: 8.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



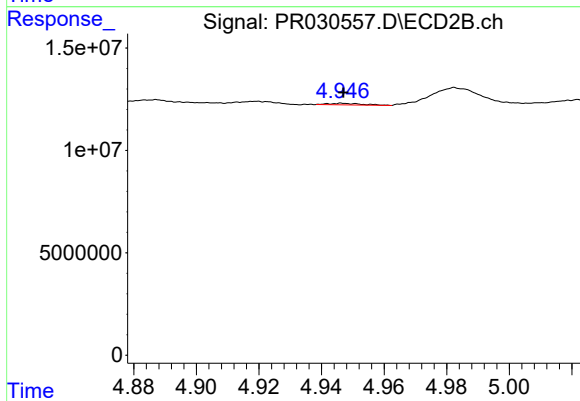
#3 AR-1016-1

R.T.: 4.544 min
Delta R.T.: 0.004 min
Response: 7440293
Conc: 5.40 ng/ml



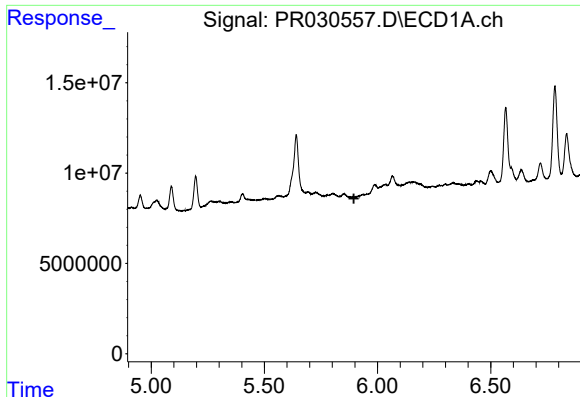
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.797 min
Response: 0
Conc: N.D.



#4 AR-1016-2

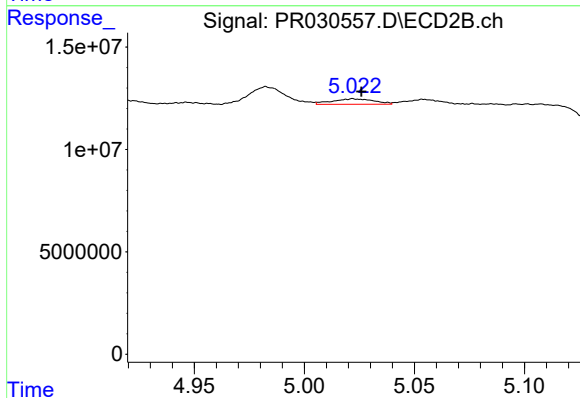
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 578747
Conc: 0.38 ng/ml



#5 AR-1016-3

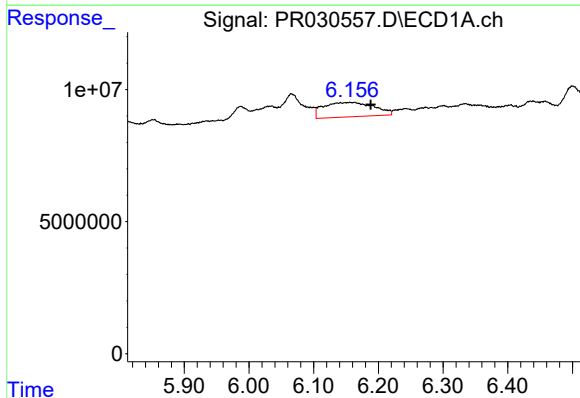
R.T.: 0.000 min
Exp R.T.: 5.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



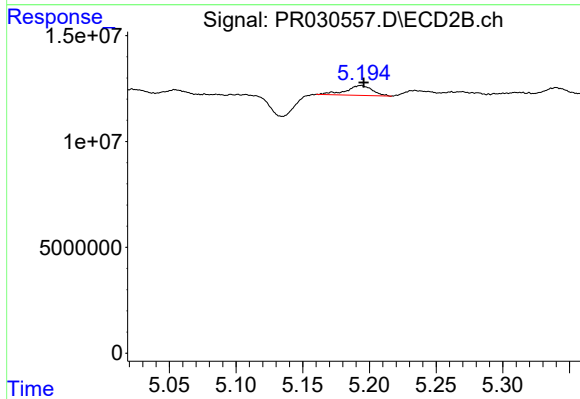
#5 AR-1016-3

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 3565195
Conc: 2.37 ng/ml



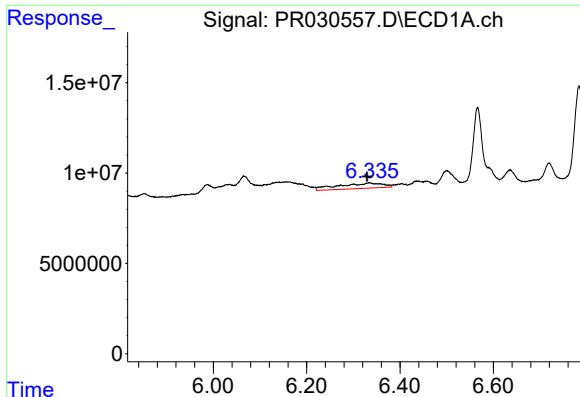
#6 AR-1016-4

R.T.: 6.159 min
Delta R.T.: -0.030 min
Response: 29566935
Conc: 33.42 ng/ml



#6 AR-1016-4

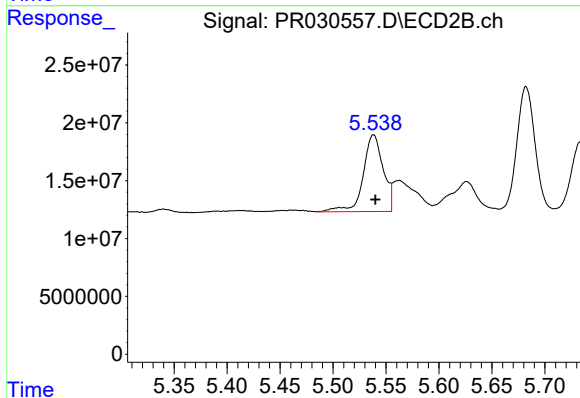
R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 6377005
Conc: 3.82 ng/ml



#7 AR-1016-5

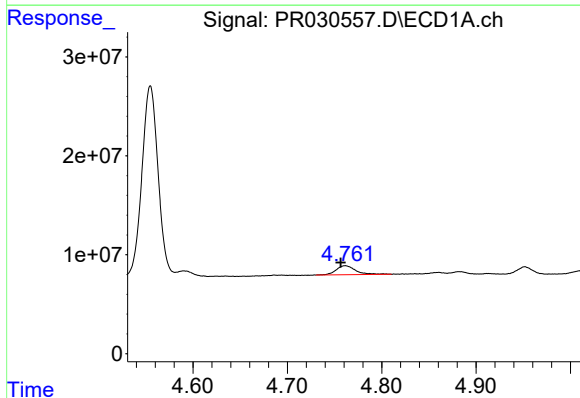
R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 19483753
Conc: 19.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



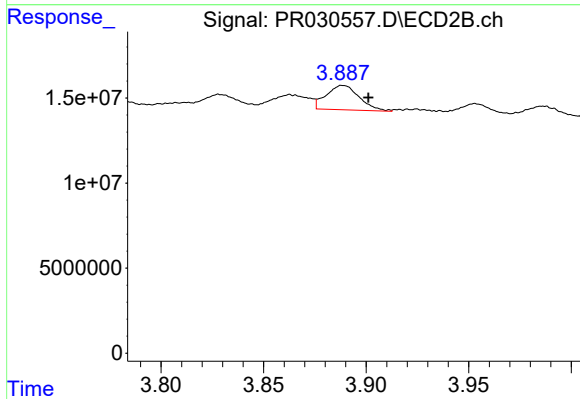
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 87378471
Conc: 48.92 ng/ml



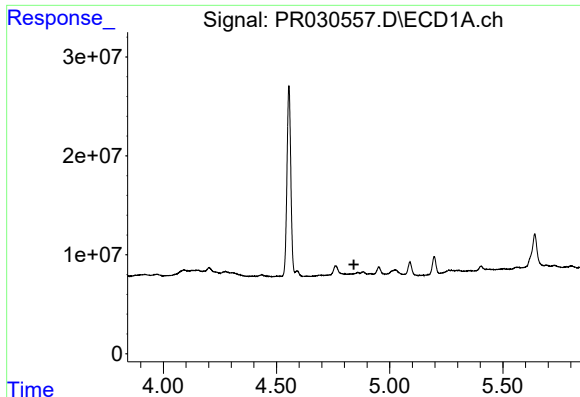
#8 AR-1221-1

R.T.: 4.761 min
Delta R.T.: 0.005 min
Response: 12893403
Conc: 27.00 ng/ml



#8 AR-1221-1

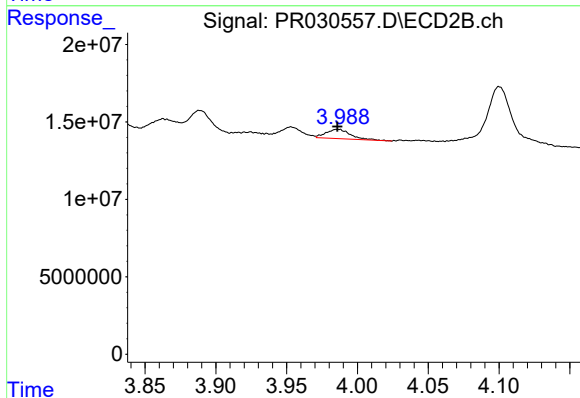
R.T.: 3.889 min
Delta R.T.: -0.012 min
Response: 16095668
Conc: 23.73 ng/ml



#9 AR-1221-2

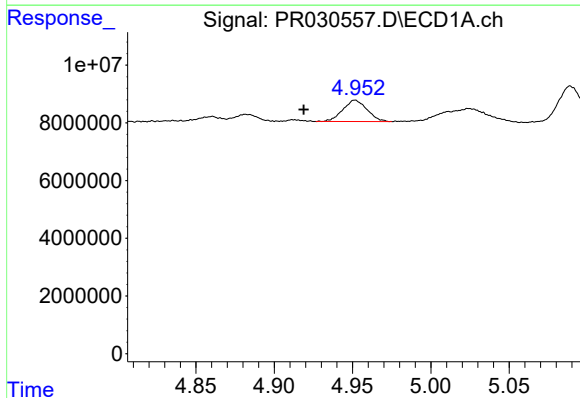
R.T.: 0.000 min
Exp R.T.: 4.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



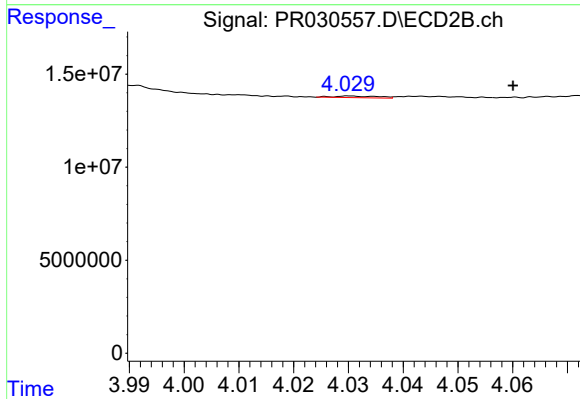
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 7338939
Conc: 14.39 ng/ml



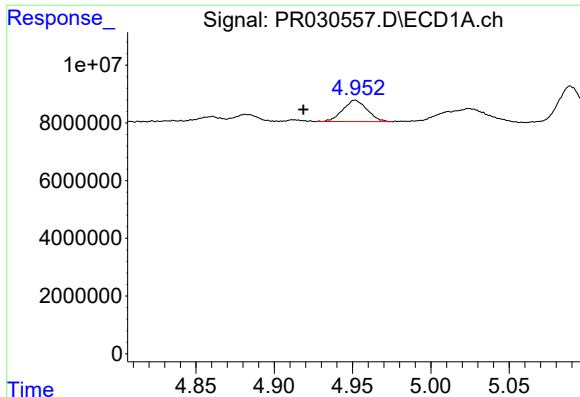
#10 AR-1221-3

R.T.: 4.952 min
Delta R.T.: 0.033 min
Response: 7958190
Conc: 7.41 ng/ml



#10 AR-1221-3

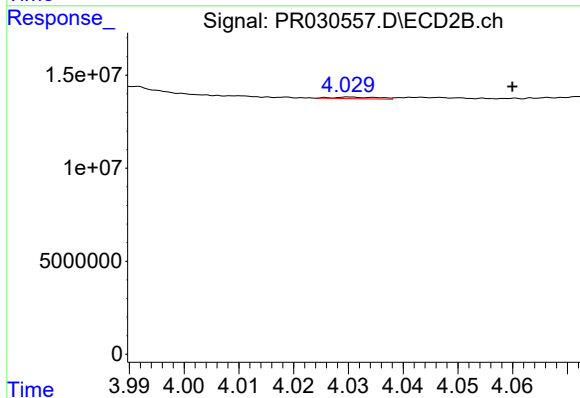
R.T.: 4.031 min
Delta R.T.: -0.030 min
Response: 483070
Conc: 0.29 ng/ml



#11 AR-1232-1

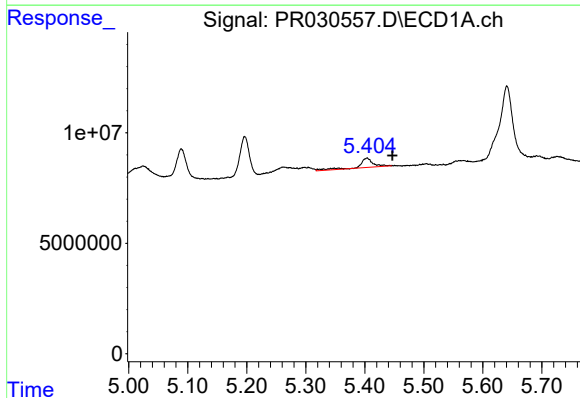
R.T.: 4.952 min
Delta R.T.: 0.033 min
Response: 7958190
Conc: 12.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



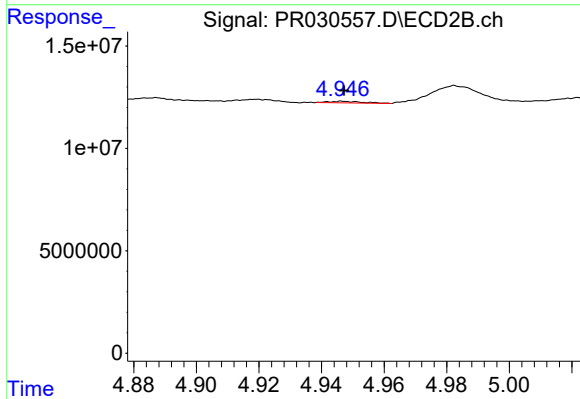
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.029 min
Response: 483070
Conc: 0.49 ng/ml



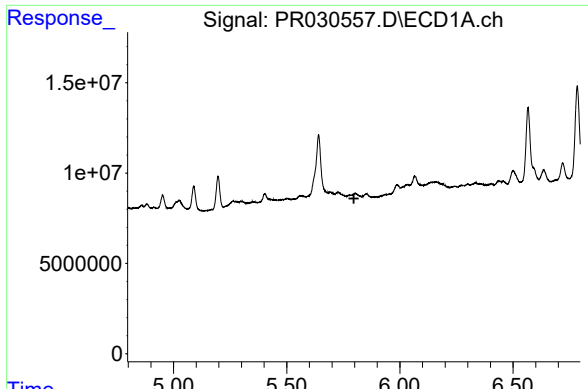
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.043 min
Response: 6758732
Conc: 18.90 ng/ml



#12 AR-1232-2

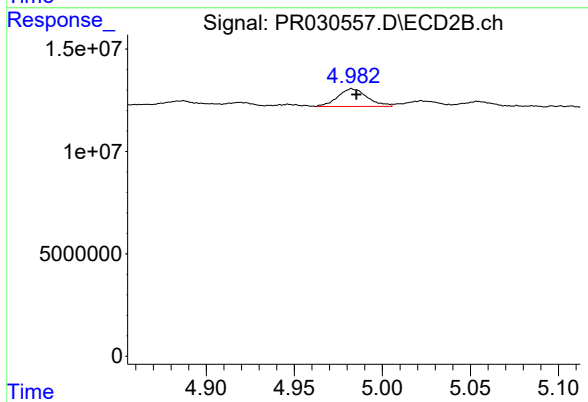
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 578747
Conc: 0.94 ng/ml



#13 AR-1232-3

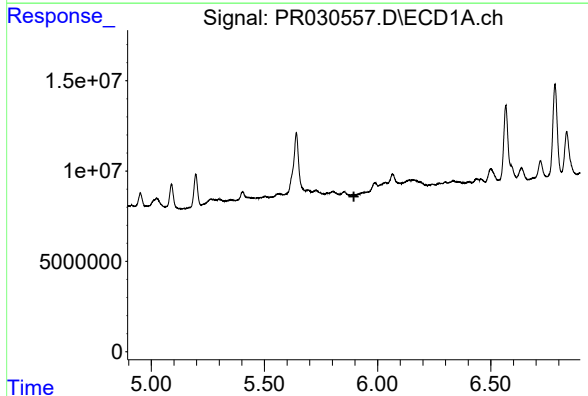
R.T.: 0.000 min
Exp R.T.: 5.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



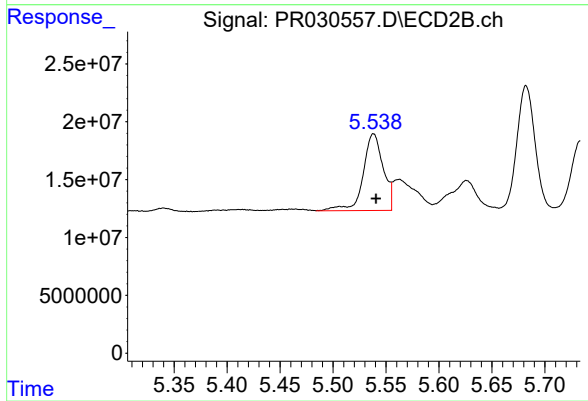
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: -0.002 min
Response: 10076713
Conc: 22.48 ng/ml



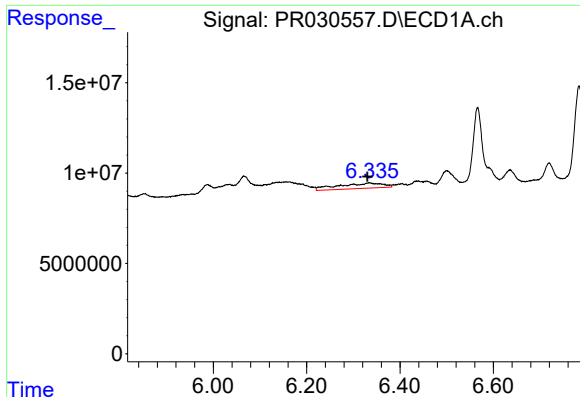
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.



#14 AR-1232-4

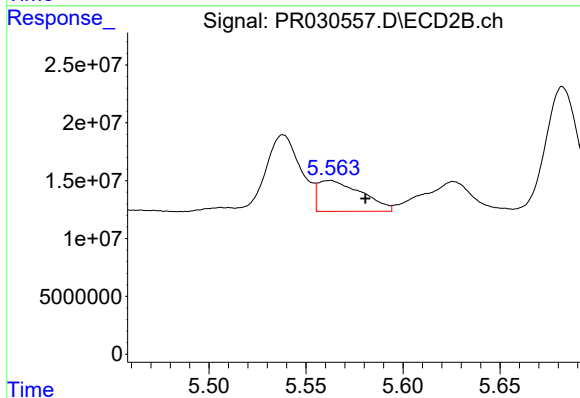
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 87378471
Conc: 109.21 ng/ml



#15 AR-1232-5

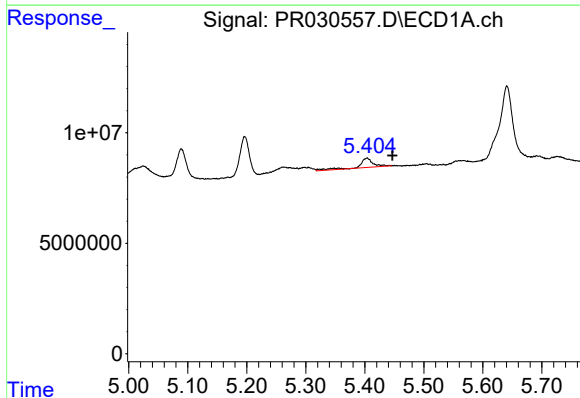
R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 19483753
Conc: 50.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



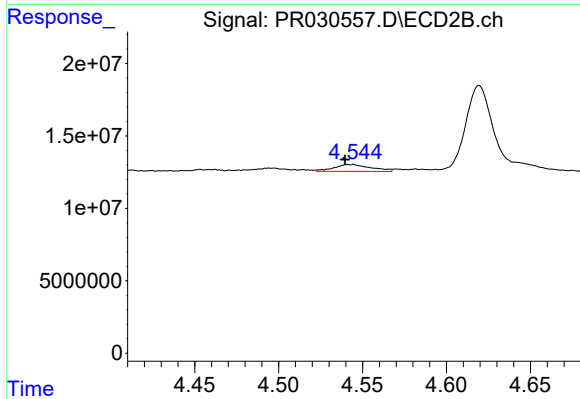
#15 AR-1232-5

R.T.: 5.562 min
Delta R.T.: -0.018 min
Response: 41871629
Conc: 57.82 ng/ml



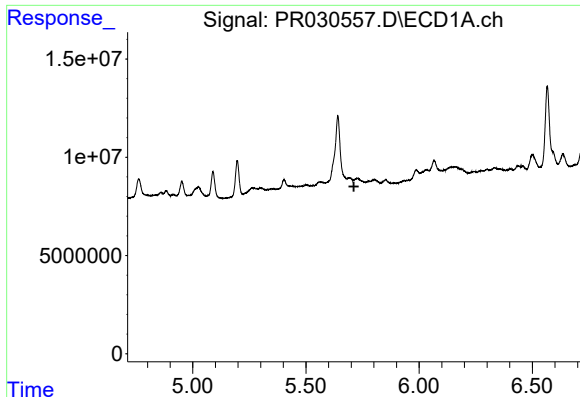
#16 AR-1242-1

R.T.: 5.404 min
Delta R.T.: -0.043 min
Response: 6758732
Conc: 9.86 ng/ml



#16 AR-1242-1

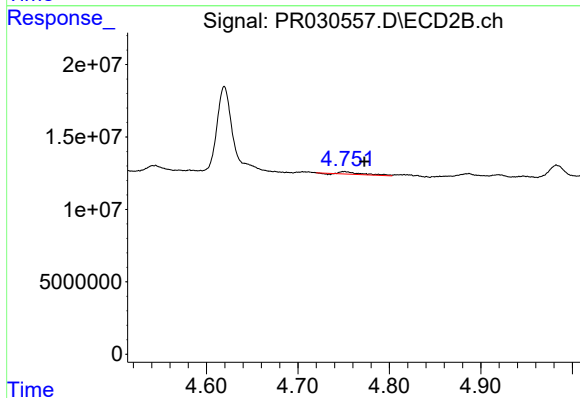
R.T.: 4.544 min
Delta R.T.: 0.004 min
Response: 7440293
Conc: 6.34 ng/ml



#17 AR-1242-2

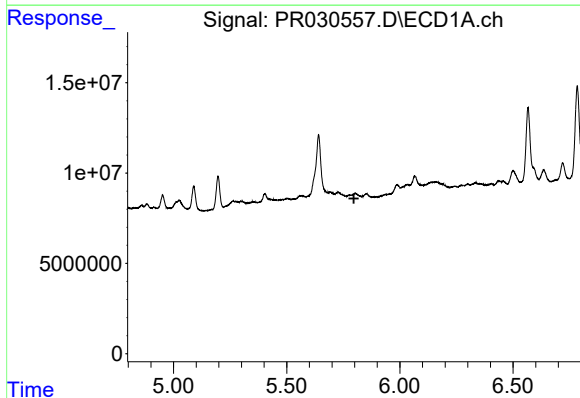
R.T.: 0.000 min
Exp R.T.: 5.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



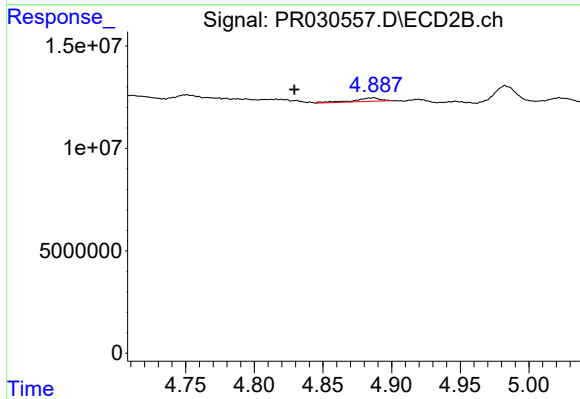
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.022 min
Response: 2658595
Conc: 0.98 ng/ml



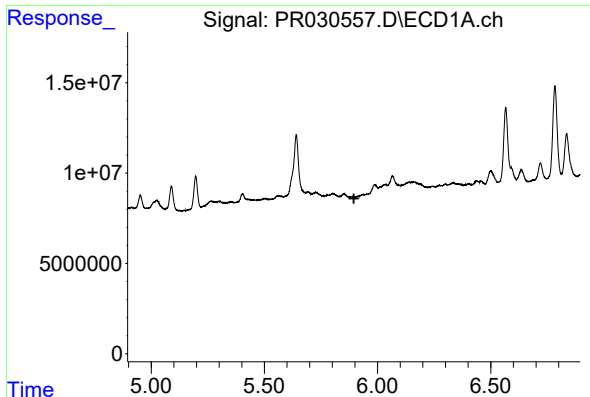
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.797 min
Response: 0
Conc: N.D.



#18 AR-1242-3

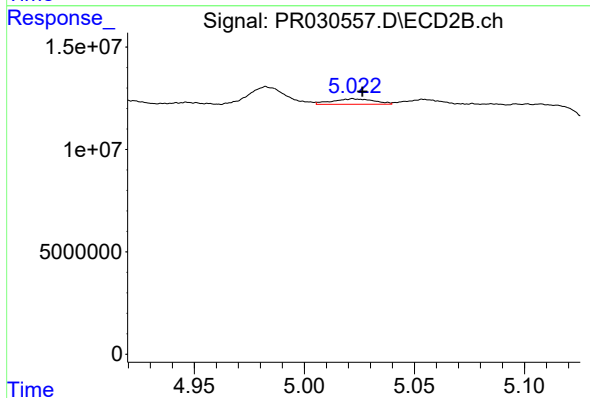
R.T.: 4.887 min
Delta R.T.: 0.057 min
Response: 2198300
Conc: 1.37 ng/ml



#19 AR-1242-4

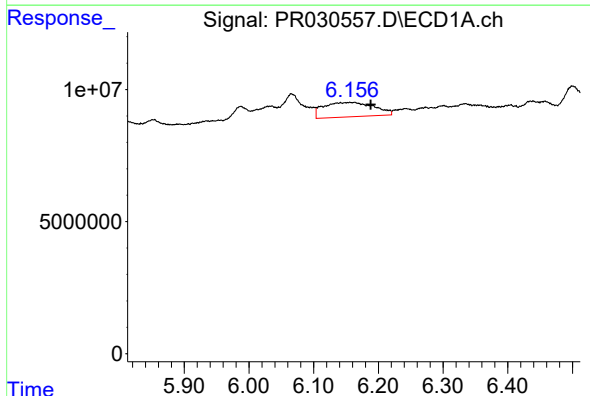
R.T.: 0.000 min
Exp R.T.: 5.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



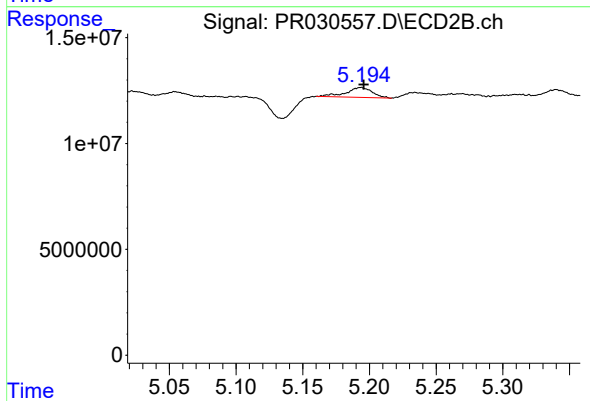
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 3565195
Conc: 2.82 ng/ml



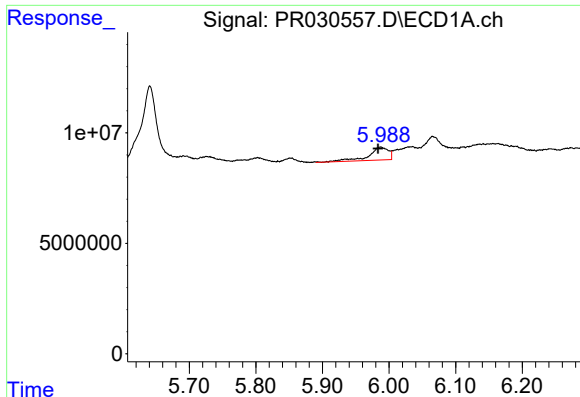
#20 AR-1242-5

R.T.: 6.159 min
Delta R.T.: -0.030 min
Response: 29566935
Conc: 40.53 ng/ml



#20 AR-1242-5

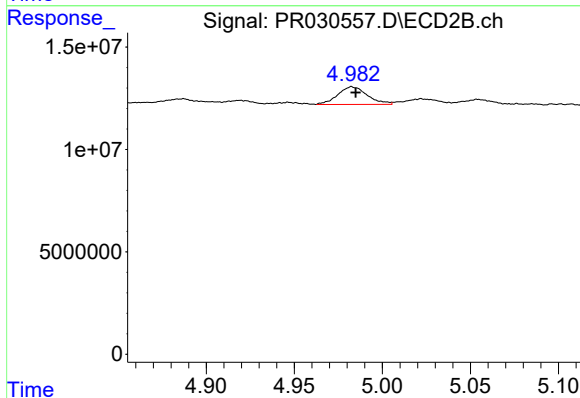
R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 6377005
Conc: 4.48 ng/ml



#21 AR-1248-1

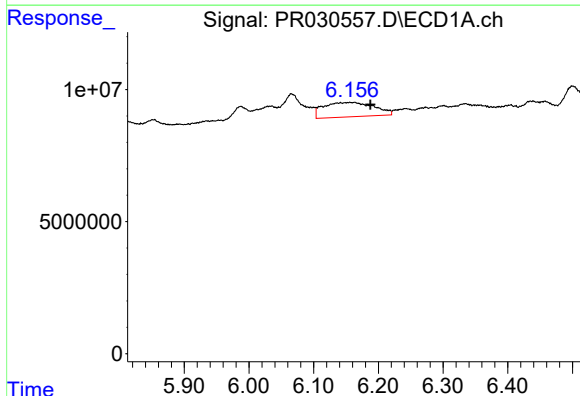
R.T.: 5.987 min
Delta R.T.: 0.004 min
Response: 12004868
Conc: 11.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



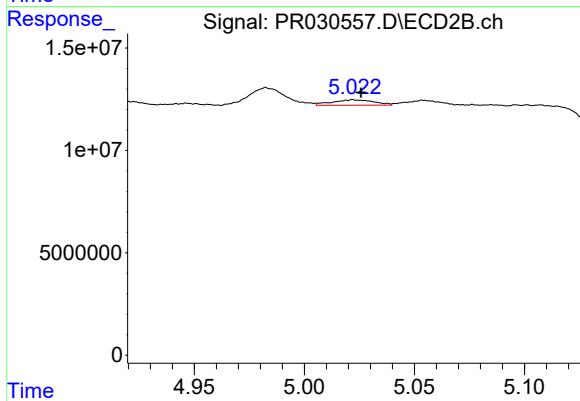
#21 AR-1248-1

R.T.: 4.983 min
Delta R.T.: -0.002 min
Response: 10076713
Conc: 5.84 ng/ml



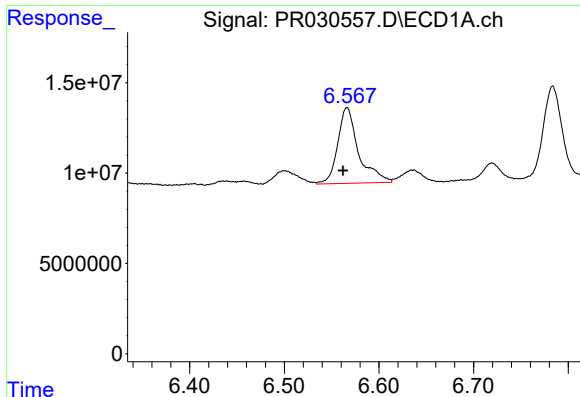
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: -0.029 min
Response: 29566935
Conc: 25.42 ng/ml



#22 AR-1248-2

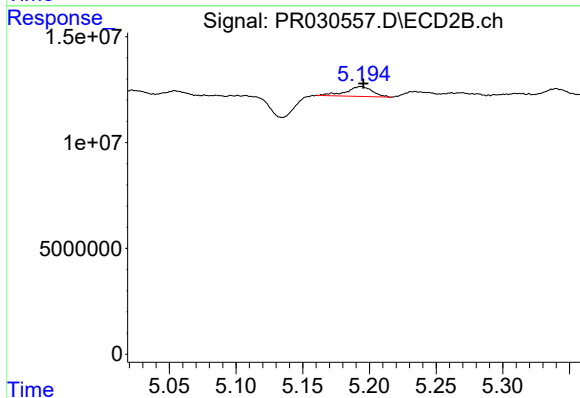
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 3565195
Conc: 1.99 ng/ml



#23 AR-1248-3

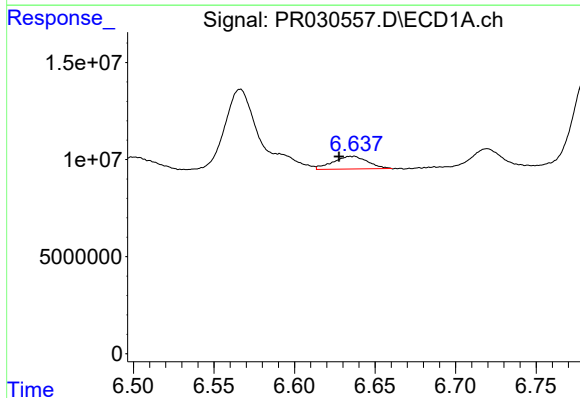
R.T.: 6.566 min
Delta R.T.: 0.004 min
Response: 64248938
Conc: 62.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



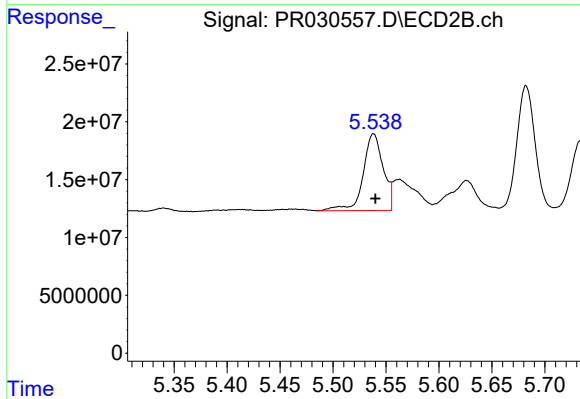
#23 AR-1248-3

R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 6377005
Conc: 2.85 ng/ml



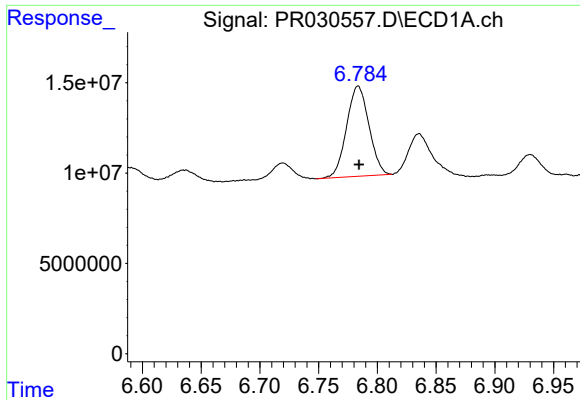
#24 AR-1248-4

R.T.: 6.636 min
Delta R.T.: 0.008 min
Response: 10218220
Conc: 7.82 ng/ml



#24 AR-1248-4

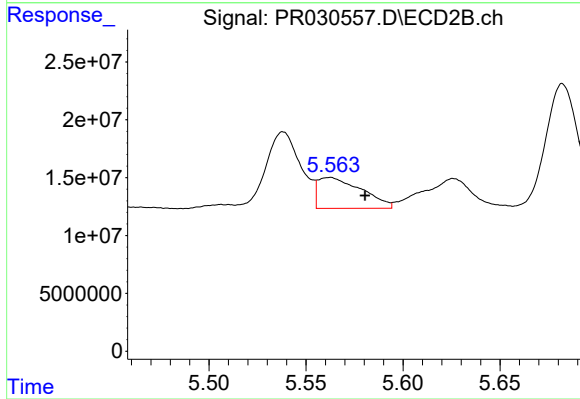
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 87378471
Conc: 25.81 ng/ml



#25 AR-1248-5

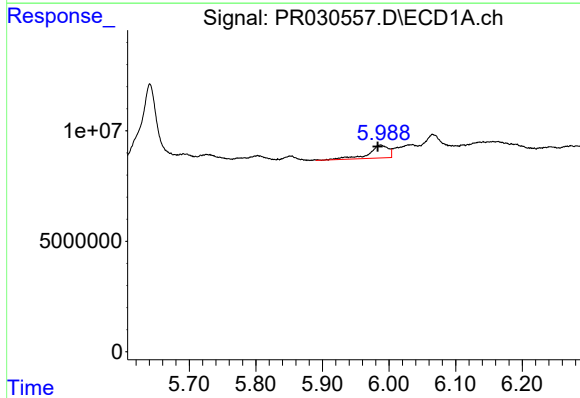
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 66074422
Conc: 48.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



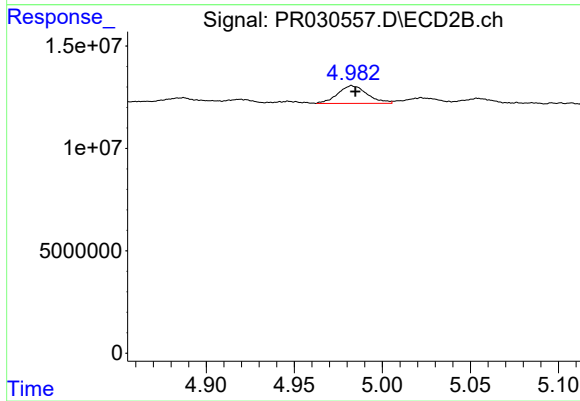
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: -0.018 min
Response: 41871629
Conc: 17.29 ng/ml



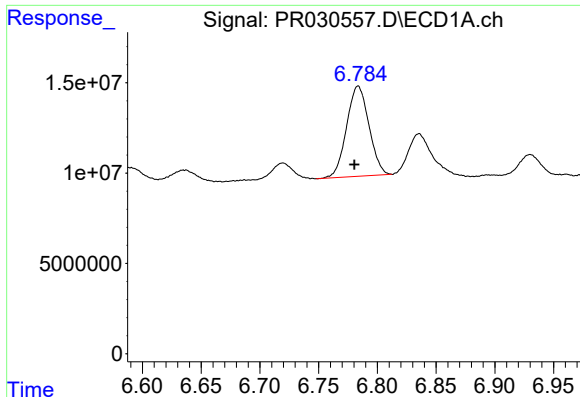
#26 AR-1254-1

R.T.: 5.987 min
Delta R.T.: 0.004 min
Response: 12004868
Conc: 18.03 ng/ml



#26 AR-1254-1

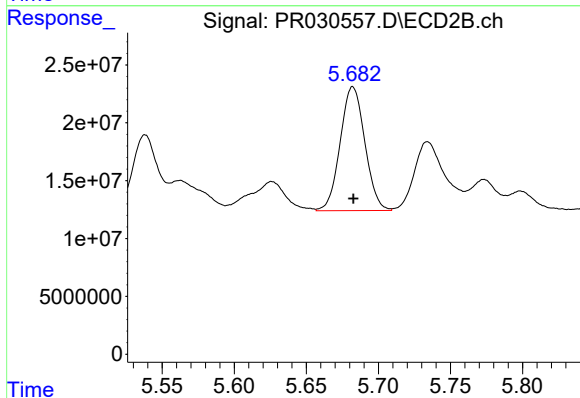
R.T.: 4.983 min
Delta R.T.: -0.002 min
Response: 10076713
Conc: 8.37 ng/ml



#27 AR-1254-2

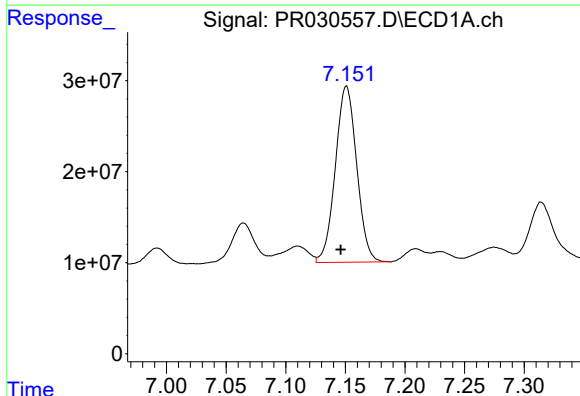
R.T.: 6.784 min
Delta R.T.: 0.003 min
Response: 66074422
Conc: 33.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



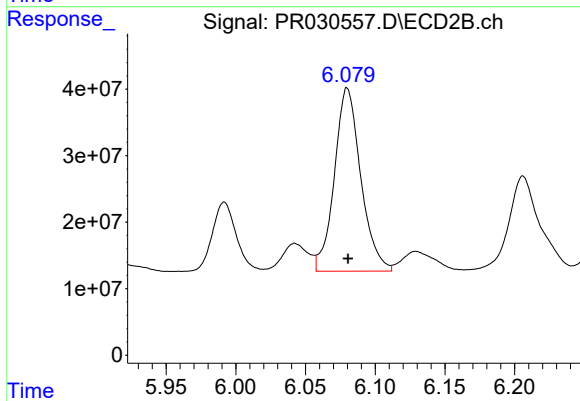
#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 126692330
Conc: 42.76 ng/ml



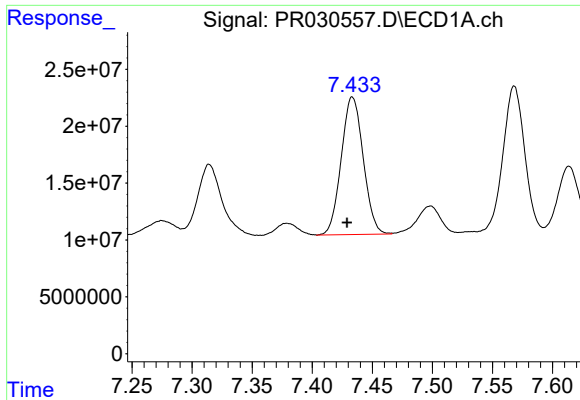
#28 AR-1254-3

R.T.: 7.151 min
Delta R.T.: 0.005 min
Response: 241543404
Conc: 112.65 ng/ml



#28 AR-1254-3

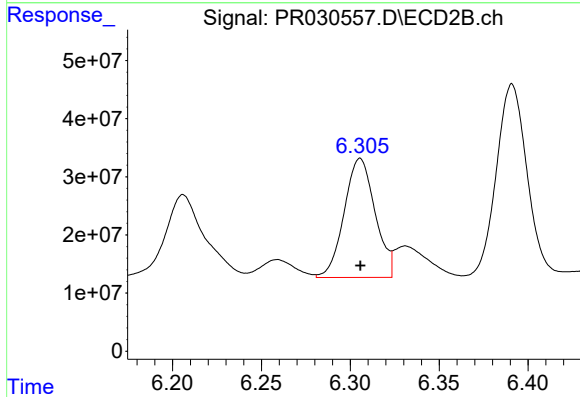
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 362892691
Conc: 73.96 ng/ml



#29 AR-1254-4

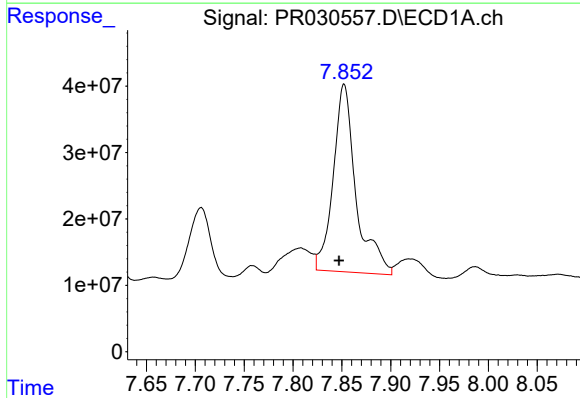
R.T.: 7.434 min
Delta R.T.: 0.005 min
Response: 153856785
Conc: 84.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



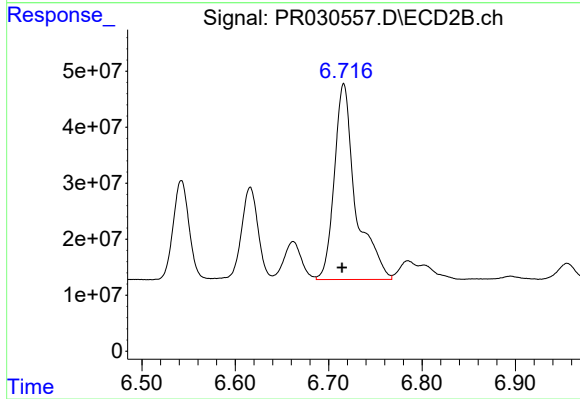
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 247642013
Conc: 64.82 ng/ml



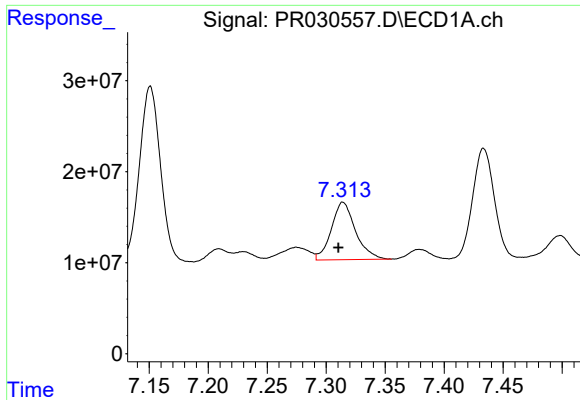
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.005 min
Response: 460316469
Conc: 254.02 ng/ml



#30 AR-1254-5

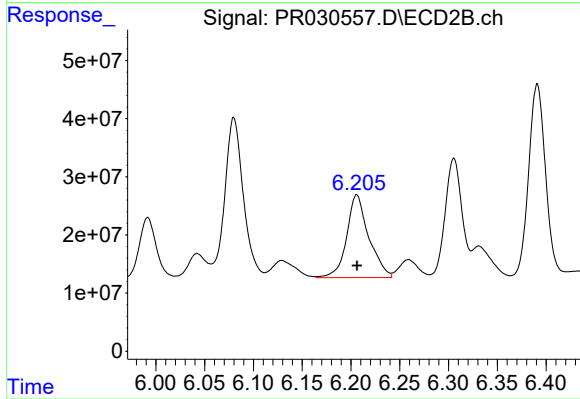
R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 556134079
Conc: 143.43 ng/ml



#31 AR-1260-1

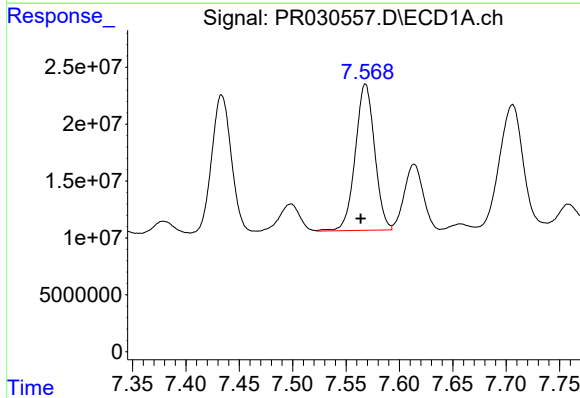
R.T.: 7.314 min
Delta R.T.: 0.004 min
Response: 90413117
Conc: 51.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



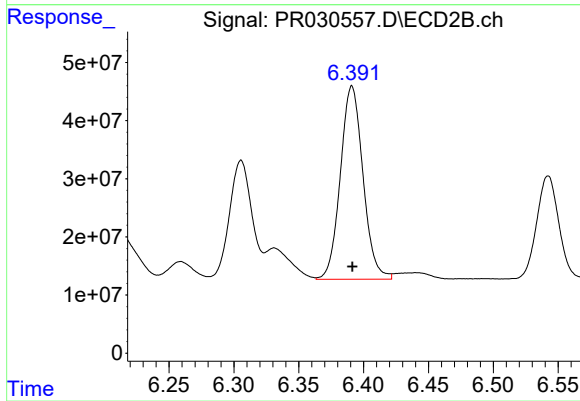
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 224385687
Conc: 62.74 ng/ml



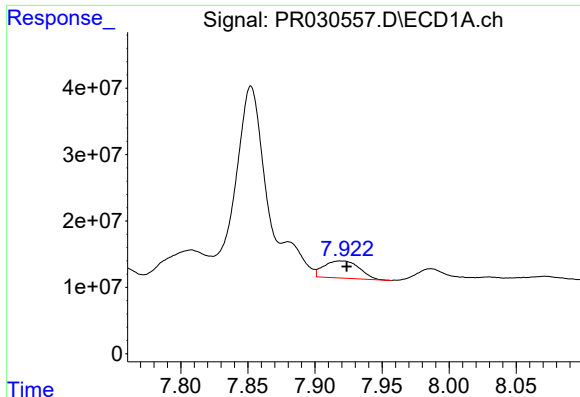
#32 AR-1260-2

R.T.: 7.568 min
Delta R.T.: 0.004 min
Response: 162144611
Conc: 64.86 ng/ml



#32 AR-1260-2

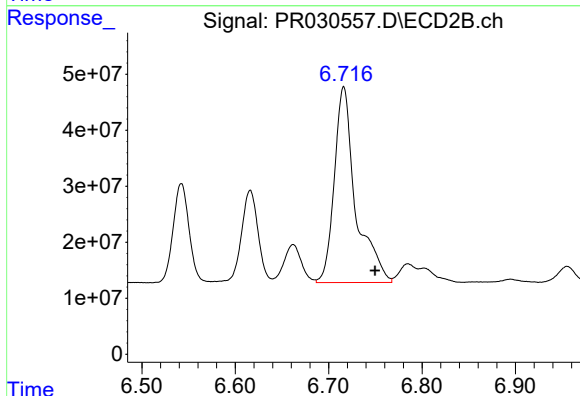
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 404263567
Conc: 87.88 ng/ml



#33 AR-1260-3

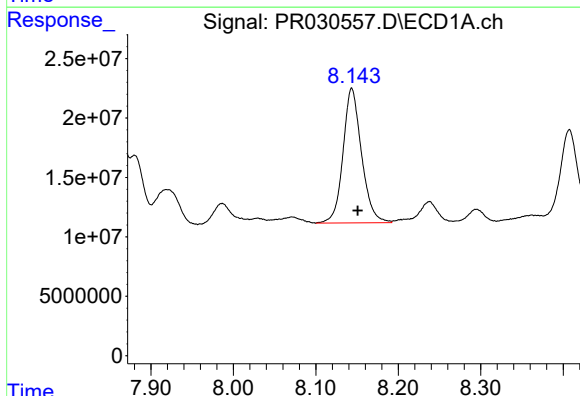
R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 47482580
Conc: 23.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



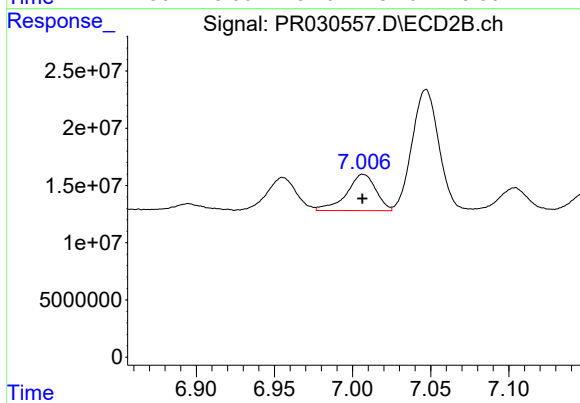
#33 AR-1260-3

R.T.: 6.716 min
Delta R.T.: -0.034 min
Response: 556134079
Conc: 159.18 ng/ml



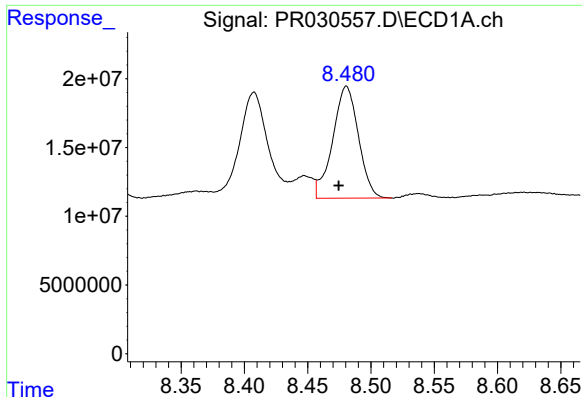
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 176435842
Conc: 94.26 ng/ml



#34 AR-1260-4

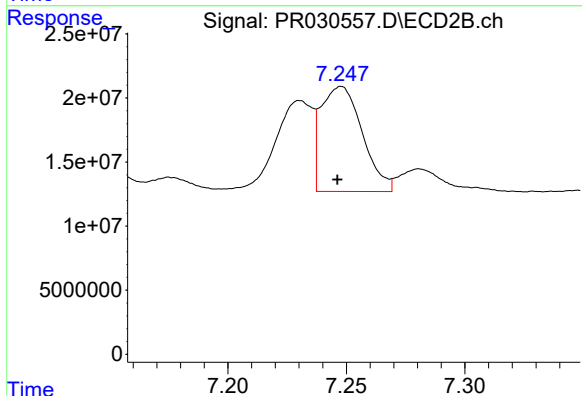
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 41643061
Conc: 16.77 ng/ml



#35 AR-1260-5

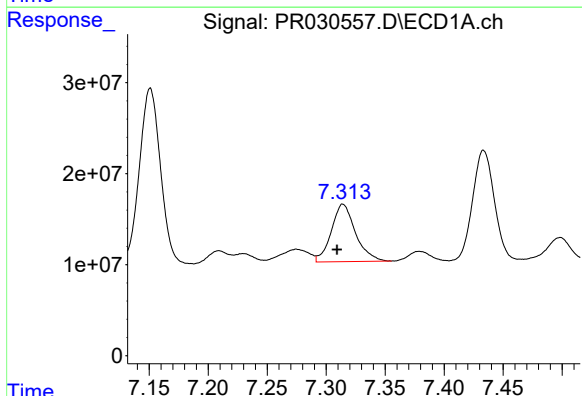
R.T.: 8.481 min
Delta R.T.: 0.006 min
Response: 115362656
Conc: 25.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



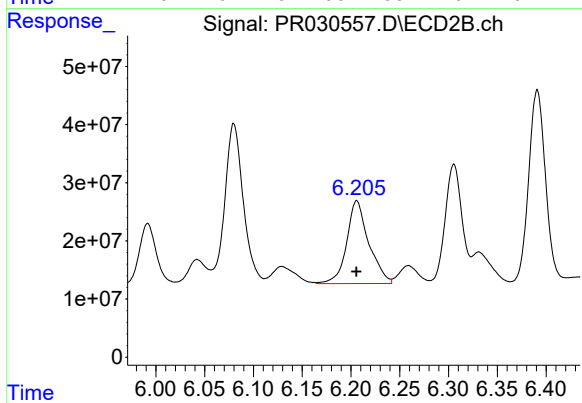
#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: 0.001 min
Response: 99830718
Conc: 18.58 ng/ml



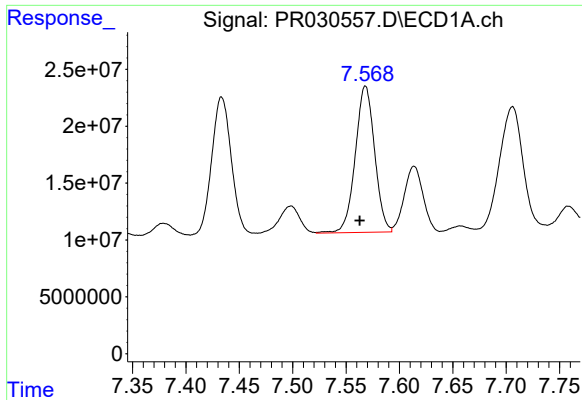
#36 AR-1262-1

R.T.: 7.314 min
Delta R.T.: 0.005 min
Response: 90413117
Conc: 61.51 ng/ml



#36 AR-1262-1

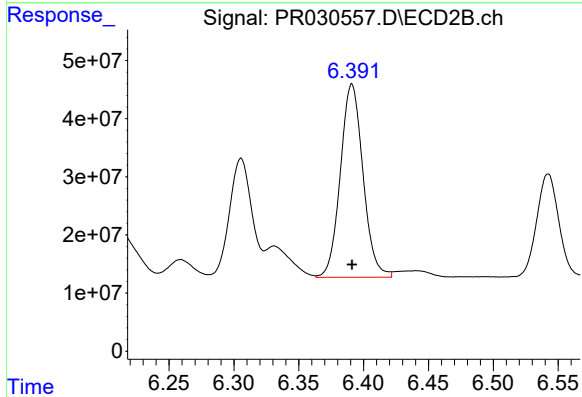
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 224385687
Conc: 76.58 ng/ml



#37 AR-1262-2

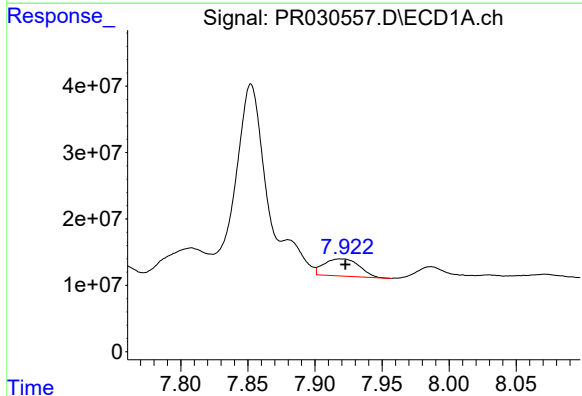
R.T.: 7.568 min
Delta R.T.: 0.005 min
Response: 162144611
Conc: 81.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



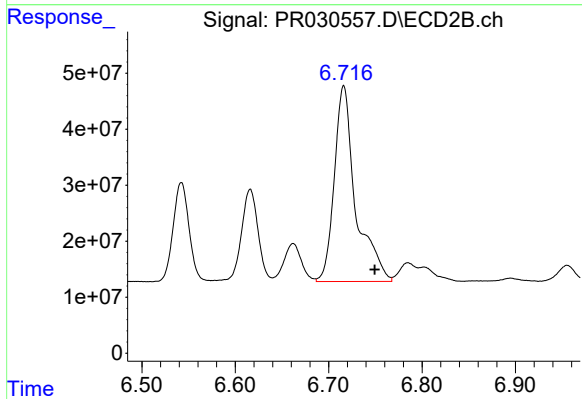
#37 AR-1262-2

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 404263567
Conc: 116.40 ng/ml



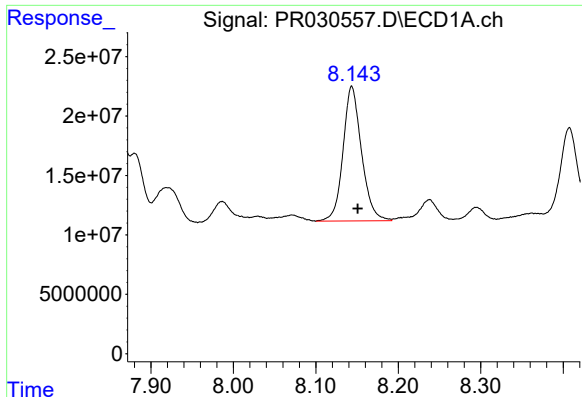
#38 AR-1262-3

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 47482580
Conc: 16.64 ng/ml



#38 AR-1262-3

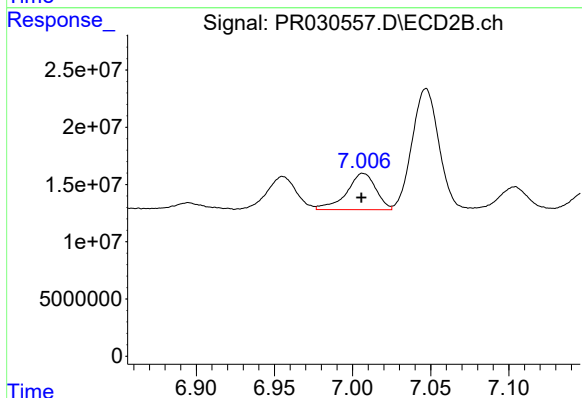
R.T.: 6.716 min
Delta R.T.: -0.033 min
Response: 556134079
Conc: 123.67 ng/ml



#39 AR-1262-4

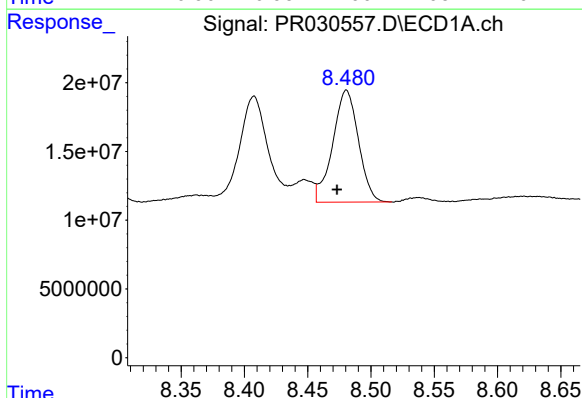
R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 176435842
Conc: 78.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



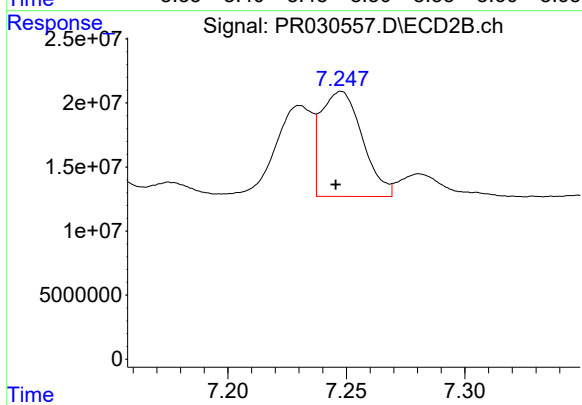
#39 AR-1262-4

R.T.: 7.007 min
Delta R.T.: 0.001 min
Response: 41643061
Conc: 13.30 ng/ml



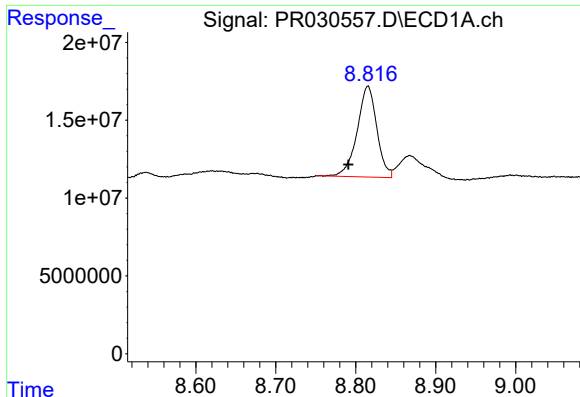
#40 AR-1262-5

R.T.: 8.481 min
Delta R.T.: 0.007 min
Response: 115362656
Conc: 22.84 ng/ml



#40 AR-1262-5

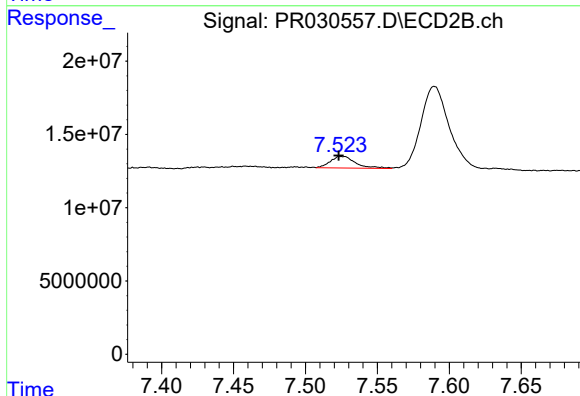
R.T.: 7.248 min
Delta R.T.: 0.002 min
Response: 99830718
Conc: 17.40 ng/ml



#41 AR-1268-1

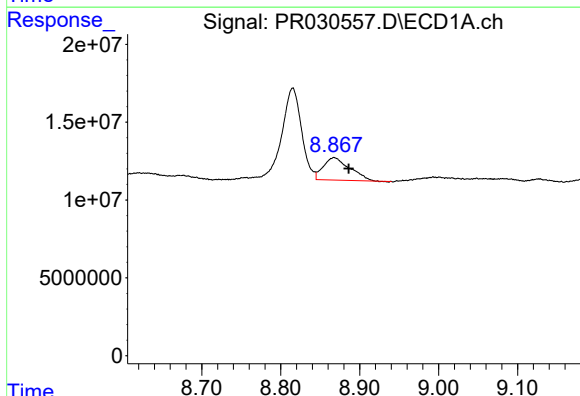
R.T.: 8.815 min
Delta R.T.: 0.024 min
Response: 99983267
Conc: 18.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



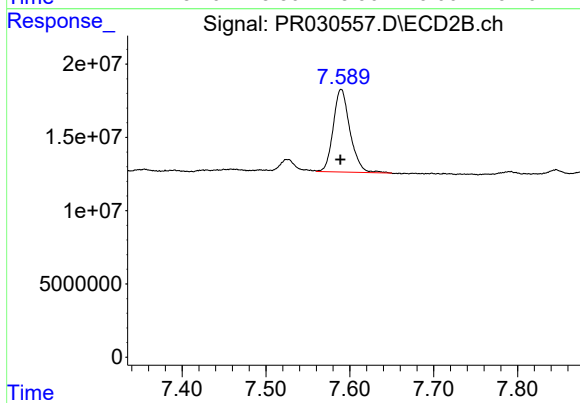
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: 0.002 min
Response: 9652516
Conc: 2.06 ng/ml



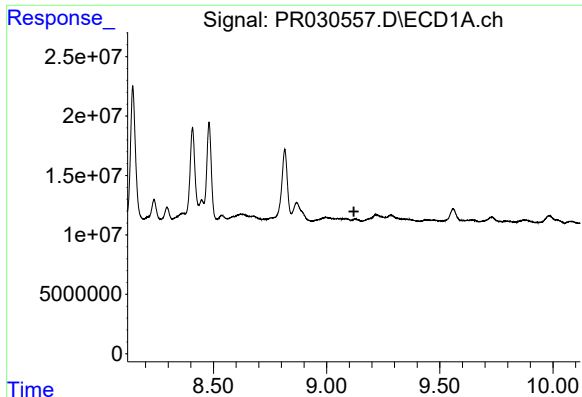
#42 AR-1268-2

R.T.: 8.868 min
Delta R.T.: -0.018 min
Response: 33396005
Conc: 7.12 ng/ml



#42 AR-1268-2

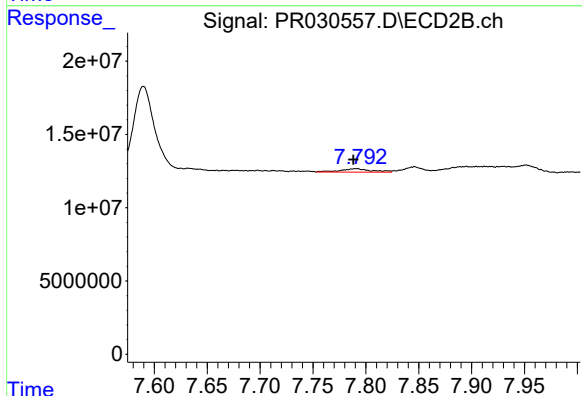
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 78314010
Conc: 19.64 ng/ml



#43 AR-1268-3

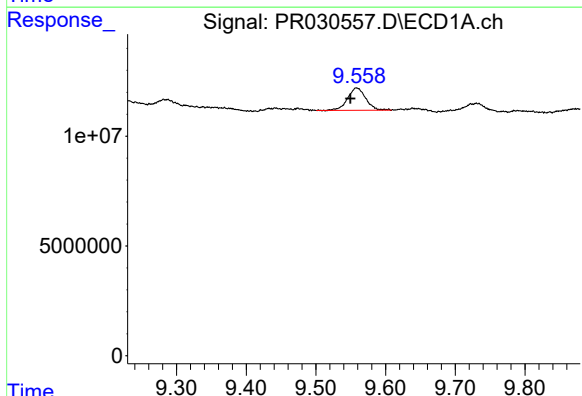
R.T.: 0.000 min
Exp R.T.: 9.120 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



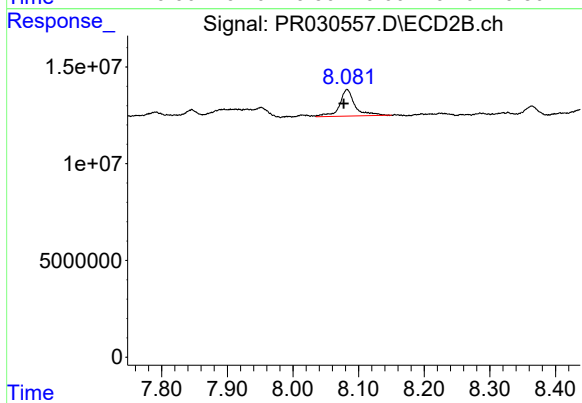
#43 AR-1268-3

R.T.: 7.791 min
Delta R.T.: 0.003 min
Response: 4676285
Conc: 1.56 ng/ml



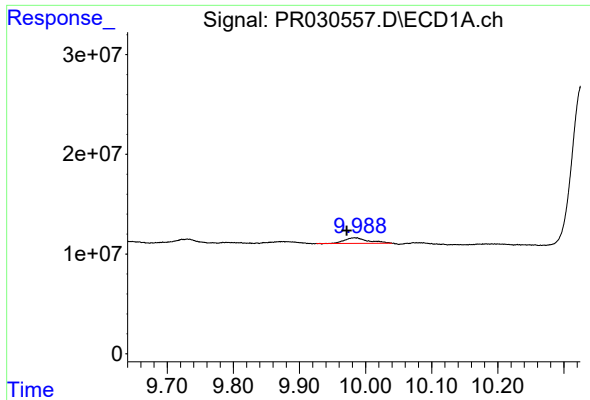
#44 AR-1268-4

R.T.: 9.559 min
Delta R.T.: 0.009 min
Response: 18571478
Conc: 10.29 ng/ml



#44 AR-1268-4

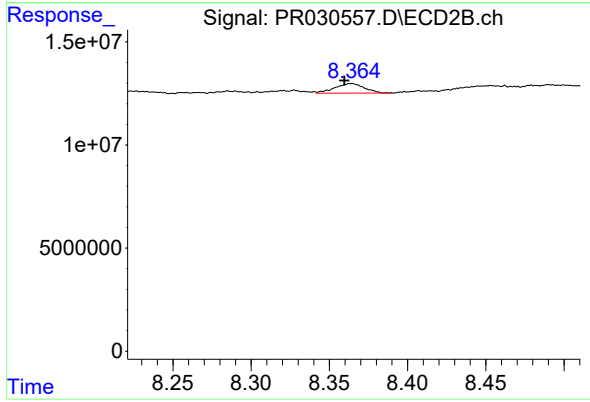
R.T.: 8.083 min
Delta R.T.: 0.005 min
Response: 22332465
Conc: 17.50 ng/ml



#45 AR-1268-5

R.T.: 9.984 min
Delta R.T.: 0.012 min
Response: 14056971
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.364 min
Delta R.T.: 0.004 min
Response: 6015563
Conc: 0.84 ng/ml