

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072518\
 Data File : PR030746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2018 09:17 am
 Operator : SM\MA
 Sample : PB111447BS
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 09:30:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 25 04:22:29 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...	4.556	3.685	294.7E6	552.3E6	12.939	14.407
2)	SA Decachlor...	10.324	8.590	560.8E6	334.5E6	21.690	16.993
Target Compounds							
3)	L1 AR-1016-1	5.450	4.530	77123694	207.1E6	160.869	230.046 #
4)	L1 AR-1016-2	5.800	4.937	143.5E6	168.7E6	234.469	174.927 #
5)	L1 AR-1016-3	5.898	5.016	170.7E6	196.8E6	332.135	187.366 #
6)	L1 AR-1016-4	6.192	5.186	59295758	275.8E6	119.253	241.222 #
7)	L1 AR-1016-5	6.334	5.530	66354620	194.9E6	127.155	166.264 #
8)	L2 AR-1221-1	0.000	3.890	0	17747539	N.D.	45.797 #
9)	L2 AR-1221-2	4.849	3.978	34675011	32397130	215.904	115.285 #
10)	L2 AR-1221-3	4.922	4.051	56360554	113.4E6	110.428	125.317
11)	L3 AR-1232-1	4.922	4.051	56360554	113.4E6	133.740	146.293
12)	L3 AR-1232-2	5.450	4.937	77123694	168.7E6	361.524	366.512
13)	L3 AR-1232-3	5.800	4.976	143.5E6	151.0E6	515.848	439.463
14)	L3 AR-1232-4	5.898	5.530	170.7E6	194.9E6	733.335	311.718 #
15)	L3 AR-1232-5	6.334	5.571	66354620	28435055	284.884	45.474 #
16)	L4 AR-1242-1	5.450	4.530	77123694	207.1E6	173.019	233.980 #
17)	L4 AR-1242-2	5.715	4.763	125.3E6	396.2E6	187.541	180.787
18)	L4 AR-1242-3	5.800	4.819	143.5E6	145.2E6	254.354	109.825 #
19)	L4 AR-1242-4	5.898	5.016	170.7E6	196.8E6	354.975	192.115 #
20)	L4 AR-1242-5	6.192	5.186	59295758	275.8E6	125.858	244.832 #
21)	L5 AR-1248-1	5.987	4.976	72996288	151.0E6	111.239	111.841
22)	L5 AR-1248-2	6.192	5.016	59295758	196.8E6	80.466	139.843 #
23)	L5 AR-1248-3	6.568	5.186	135.3E6	275.8E6	202.976	158.381
24)	L5 AR-1248-4	6.633	5.530	23122108	194.9E6	26.978	72.319 #
25)	L5 AR-1248-5	6.784	5.571	84218654	28435055	95.286	14.691 #
26)	L6 AR-1254-1	5.987	4.976	72996288	151.0E6	153.521	147.778
27)	L6 AR-1254-2	6.784	5.673	84218654	184.6E6	56.408	70.314
28)	L6 AR-1254-3	7.153	6.082	140.6E6	371.4E6	91.852	87.797
29)	L6 AR-1254-4	7.435	6.294	65435205	36027071	47.287	10.864 #
30)	L6 AR-1254-5	7.851	6.705	348.6E6	645.9E6	259.976	204.235
31)	L7 AR-1260-1	7.315	6.196	215.4E6	525.8E6	202.325	216.642
32)	L7 AR-1260-2	7.568	6.382	306.4E6	807.9E6	201.371	265.724 #
33)	L7 AR-1260-3	7.928	6.739	227.5E6	467.2E6	182.486	206.611
34)	L7 AR-1260-4	8.480	7.236	524.0E6	703.3E6	181.877	219.748
35)	L7 AR-1260-5	8.812	7.579	295.0E6	389.2E6	176.231	210.928
36)	L8 AR-1262-1	7.315	6.196	215.4E6	525.8E6	223.806	228.795
37)	L8 AR-1262-2	7.568	6.382	306.4E6	807.9E6	223.403	289.032 #
38)	L8 AR-1262-3	7.928	6.739	227.5E6	467.2E6	112.832	136.596
39)	L8 AR-1262-4	8.156	6.997	226.9E6	301.8E6	141.733	134.617
40)	L8 AR-1262-5	8.480	7.236	524.0E6	703.3E6	141.488	182.013 #
41)	L9 AR-1268-1	8.812	7.513	295.0E6	136.0E6	72.068	40.718 #

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 Acq On : 26 Jul 2018 09:17 am
 Operator : SM\MA
 Sample : PB111447BS
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

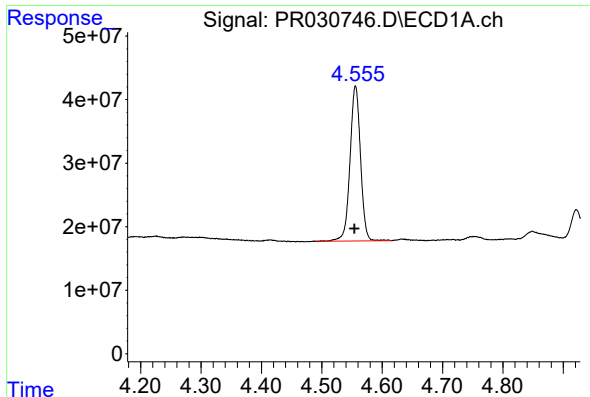
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 09:30:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072418.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	8.870	7.579	153.4E6	389.2E6	43.251	134.393 #
44) L9	AR-1268-4	9.556	8.068	140.6E6	148.8E6	108.463	139.038 #
45) L9	AR-1268-5	9.977	8.349	47791965	82288094	5.419	12.523 #

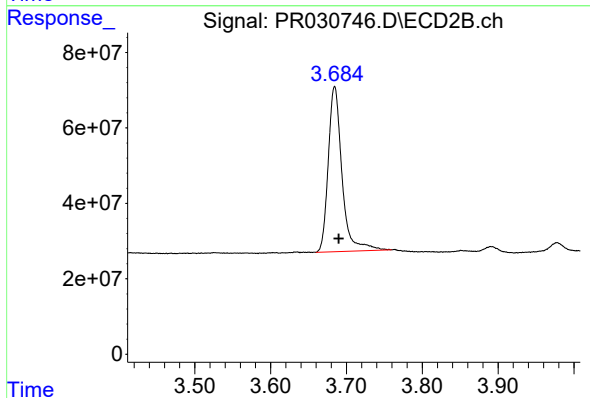
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

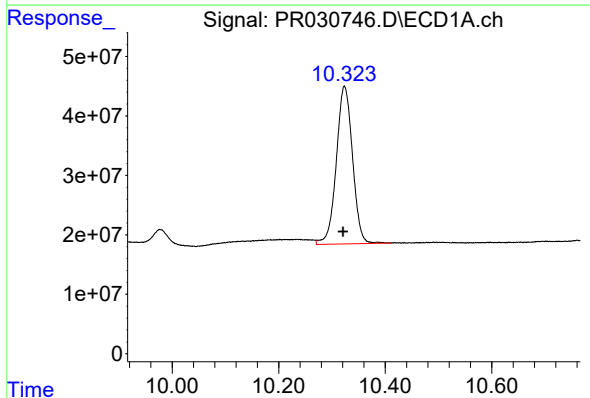
R.T.: 4.556 min
Delta R.T.: 0.002 min
Response: 294666418
Conc: 12.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



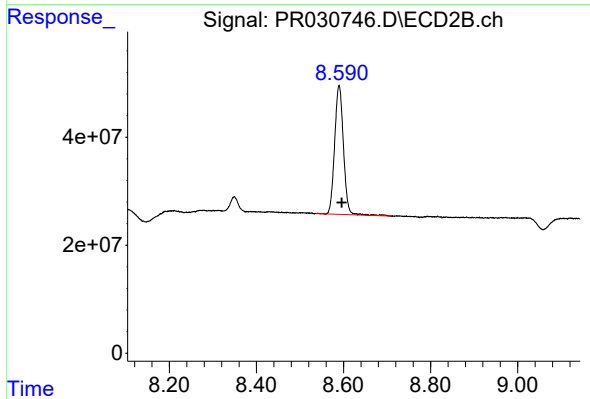
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.005 min
Response: 552261017
Conc: 14.41 ng/ml



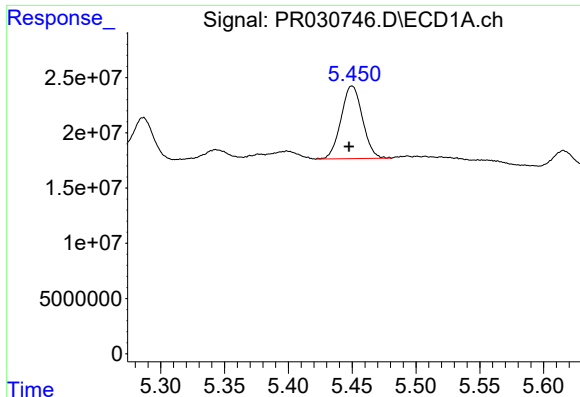
#2 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.003 min
Response: 560841540
Conc: 21.69 ng/ml



#2 Decachlorobiphenyl

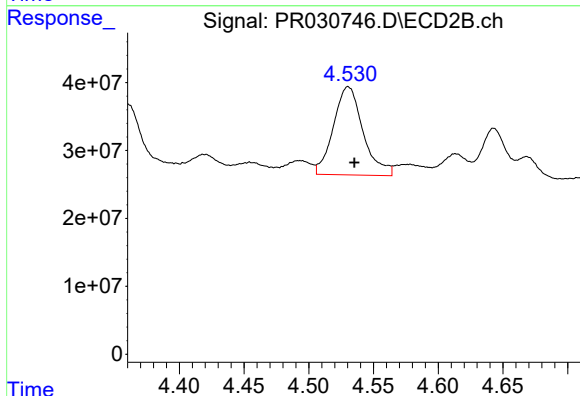
R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 334528391
Conc: 16.99 ng/ml



#3 AR-1016-1

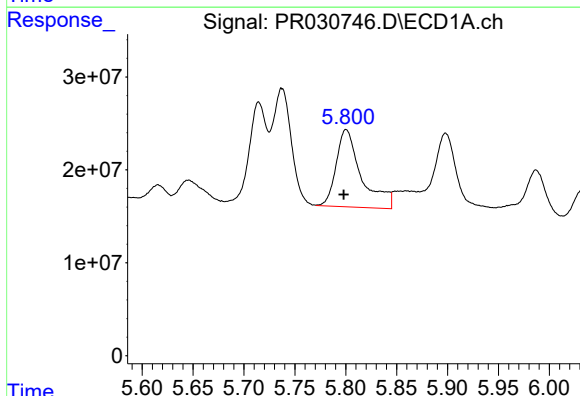
R.T.: 5.450 min
Delta R.T.: 0.002 min
Response: 77123694
Conc: 160.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



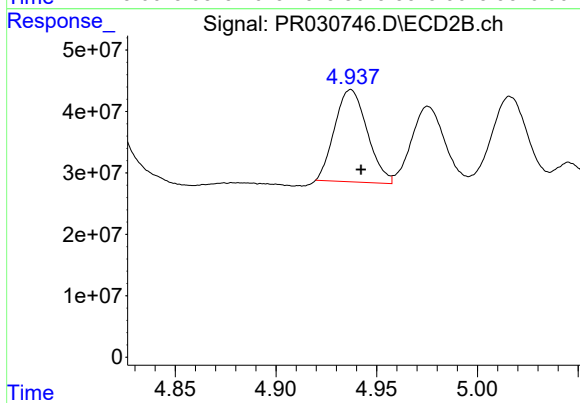
#3 AR-1016-1

R.T.: 4.530 min
Delta R.T.: -0.005 min
Response: 207090067
Conc: 230.05 ng/ml



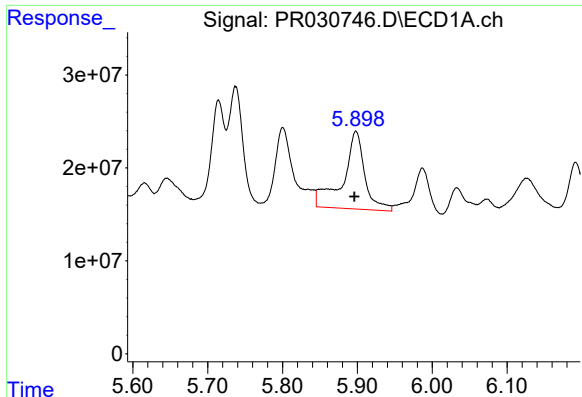
#4 AR-1016-2

R.T.: 5.800 min
Delta R.T.: 0.002 min
Response: 143543192
Conc: 234.47 ng/ml



#4 AR-1016-2

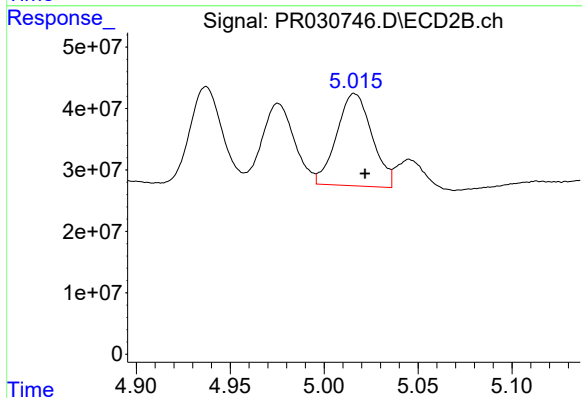
R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 168676111
Conc: 174.93 ng/ml



#5 AR-1016-3

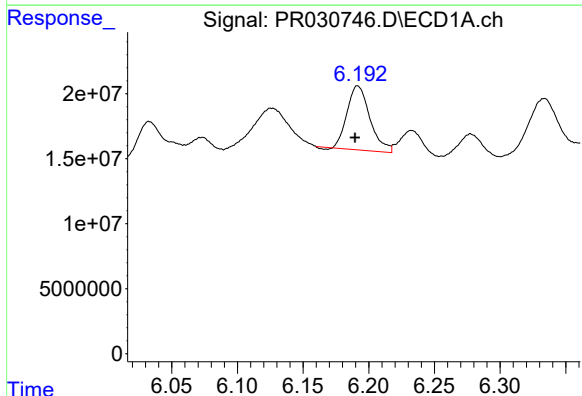
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 170671626
Conc: 332.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



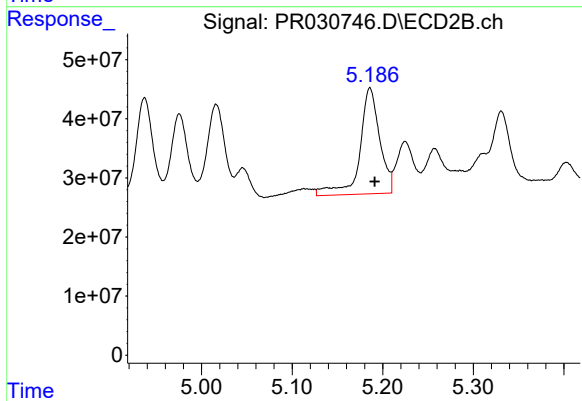
#5 AR-1016-3

R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 196761768
Conc: 187.37 ng/ml



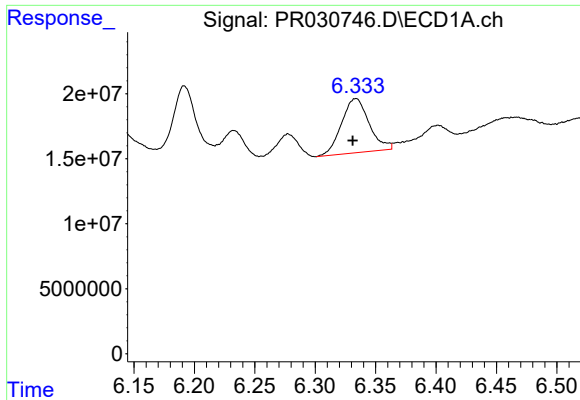
#6 AR-1016-4

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 59295758
Conc: 119.25 ng/ml



#6 AR-1016-4

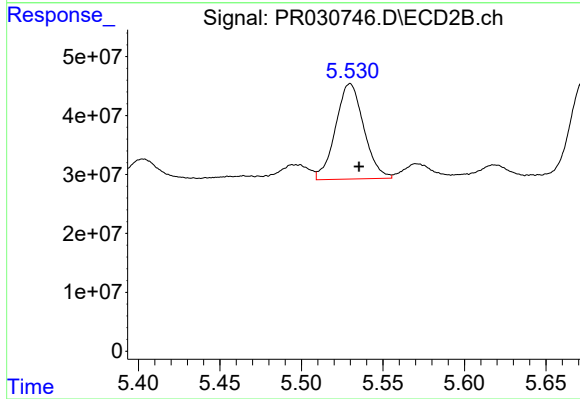
R.T.: 5.186 min
Delta R.T.: -0.005 min
Response: 275755864
Conc: 241.22 ng/ml



#7 AR-1016-5

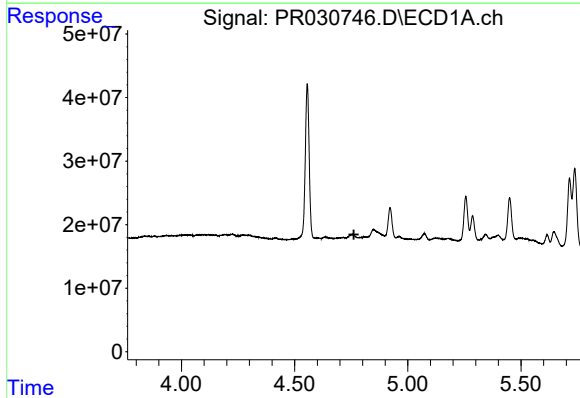
R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: 66354620
Conc: 127.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



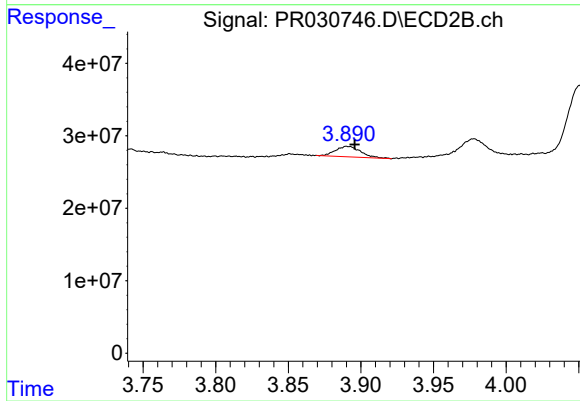
#7 AR-1016-5

R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 194904411
Conc: 166.26 ng/ml



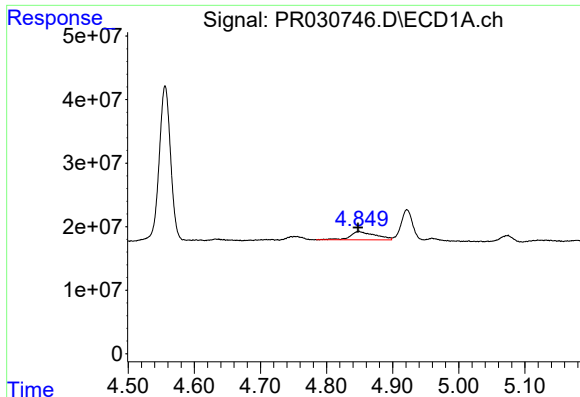
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.762 min
Response: 0
Conc: N.D.



#8 AR-1221-1

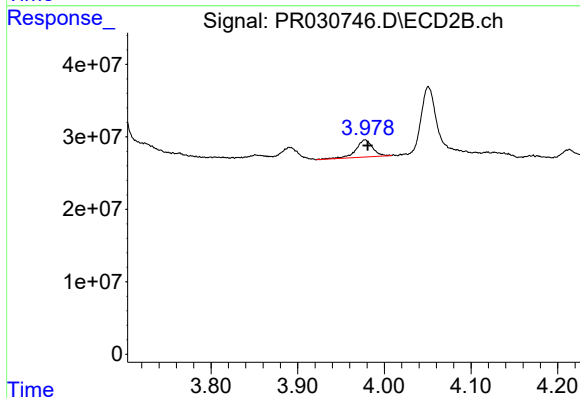
R.T.: 3.890 min
Delta R.T.: -0.006 min
Response: 17747539
Conc: 45.80 ng/ml



#9 AR-1221-2

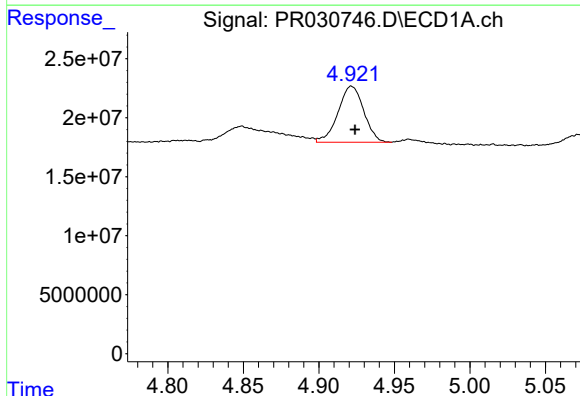
R.T.: 4.849 min
Delta R.T.: 0.001 min
Response: 34675011
Conc: 215.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



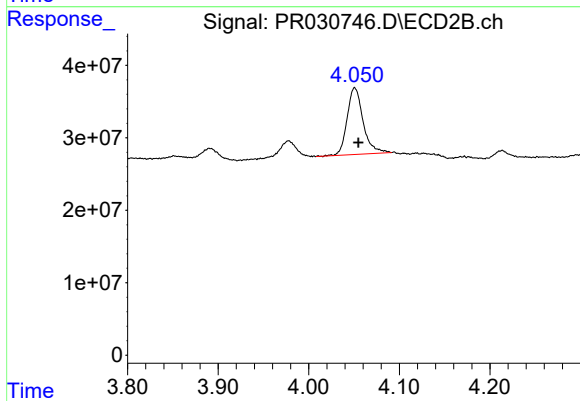
#9 AR-1221-2

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 32397130
Conc: 115.28 ng/ml



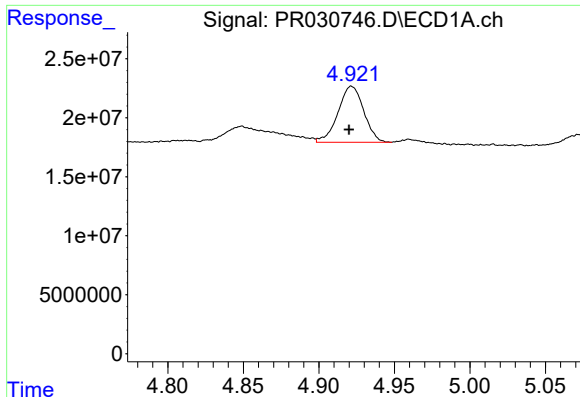
#10 AR-1221-3

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 56360554
Conc: 110.43 ng/ml



#10 AR-1221-3

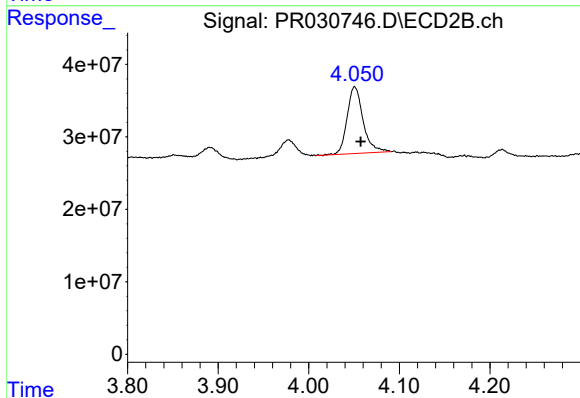
R.T.: 4.051 min
Delta R.T.: -0.004 min
Response: 113410637
Conc: 125.32 ng/ml



#11 AR-1232-1

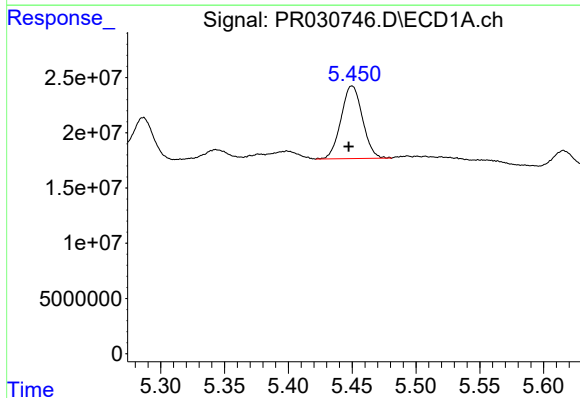
R.T.: 4.922 min
Delta R.T.: 0.002 min
Response: 56360554
Conc: 133.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



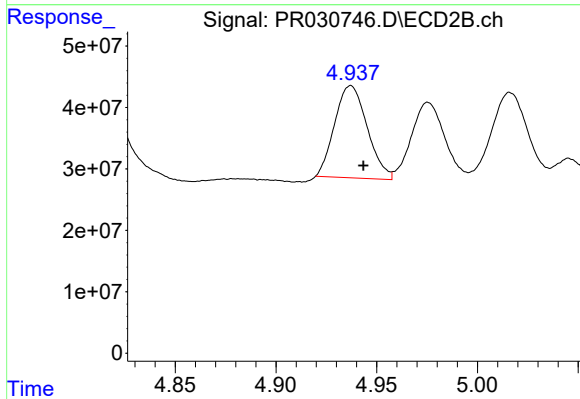
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: -0.007 min
Response: 113410637
Conc: 146.29 ng/ml



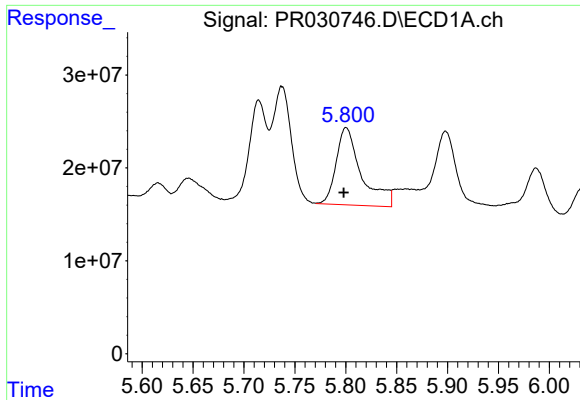
#12 AR-1232-2

R.T.: 5.450 min
Delta R.T.: 0.003 min
Response: 77123694
Conc: 361.52 ng/ml



#12 AR-1232-2

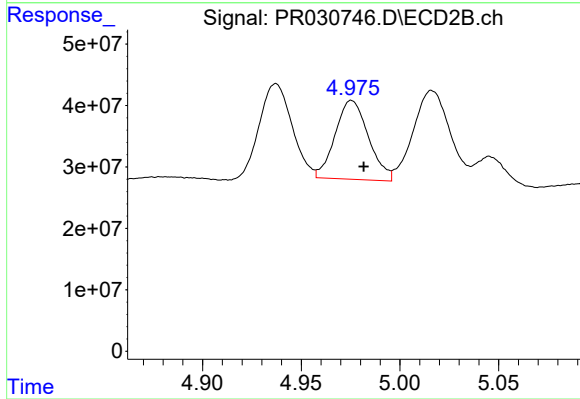
R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 168676111
Conc: 366.51 ng/ml



#13 AR-1232-3

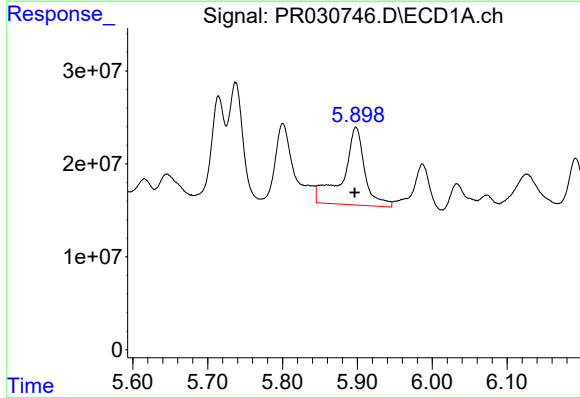
R.T.: 5.800 min
Delta R.T.: 0.002 min
Response: 143543192
Conc: 515.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



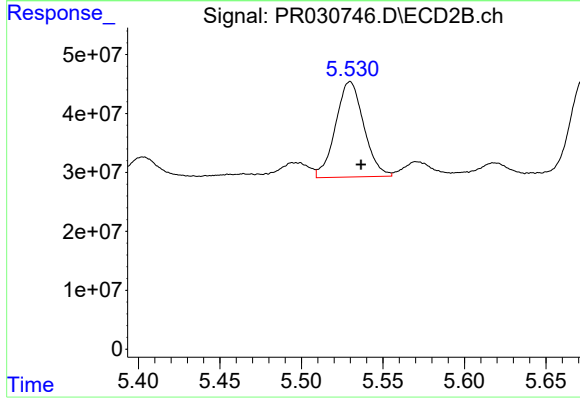
#13 AR-1232-3

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 151037685
Conc: 439.46 ng/ml



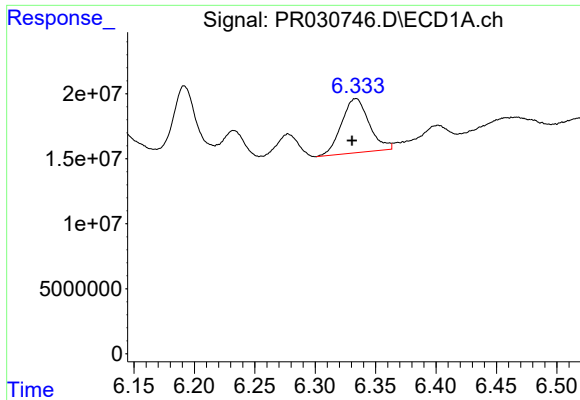
#14 AR-1232-4

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 170671626
Conc: 733.34 ng/ml



#14 AR-1232-4

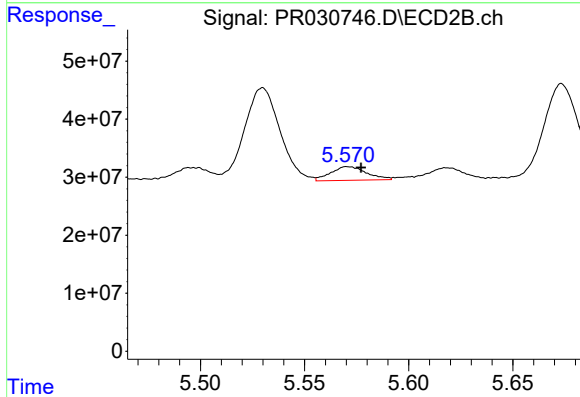
R.T.: 5.530 min
Delta R.T.: -0.007 min
Response: 194904411
Conc: 311.72 ng/ml



#15 AR-1232-5

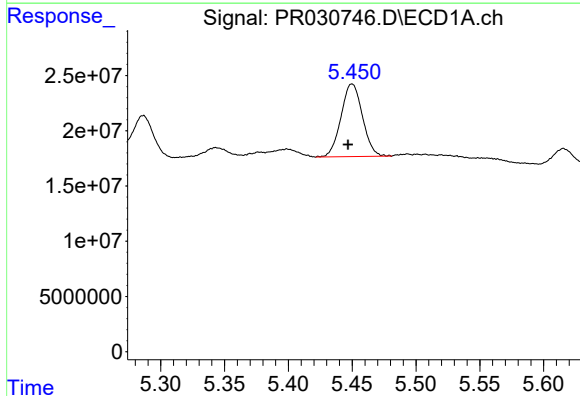
R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: 66354620
Conc: 284.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



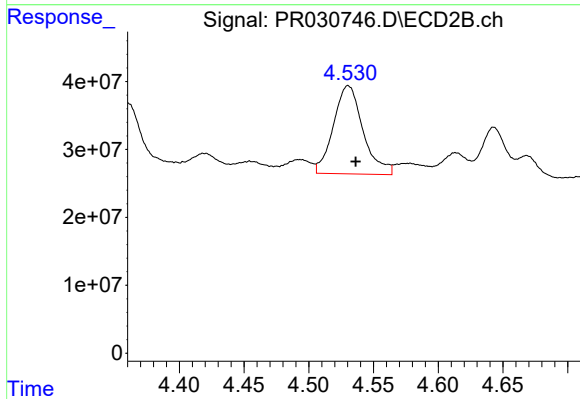
#15 AR-1232-5

R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 28435055
Conc: 45.47 ng/ml



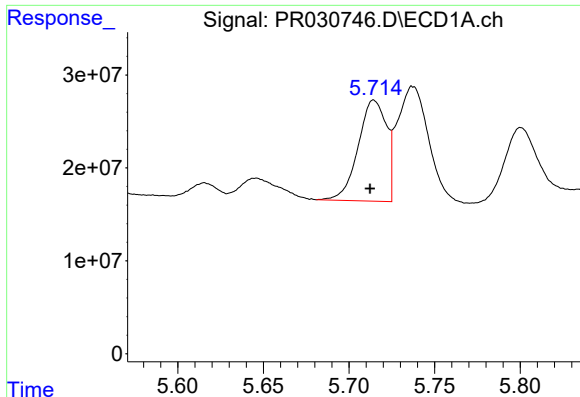
#16 AR-1242-1

R.T.: 5.450 min
Delta R.T.: 0.003 min
Response: 77123694
Conc: 173.02 ng/ml



#16 AR-1242-1

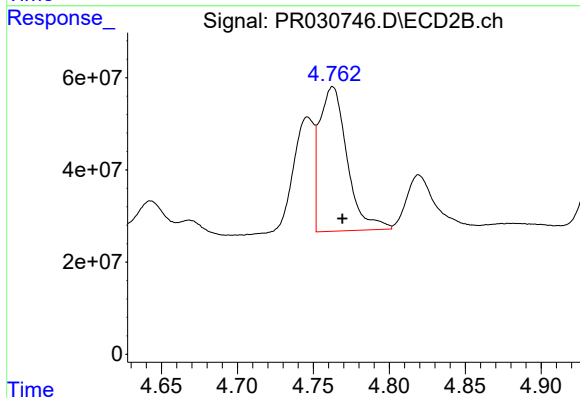
R.T.: 4.530 min
Delta R.T.: -0.006 min
Response: 207090067
Conc: 233.98 ng/ml



#17 AR-1242-2

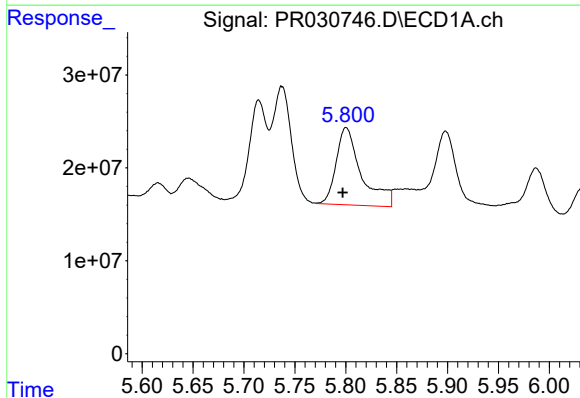
R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 125263752
Conc: 187.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



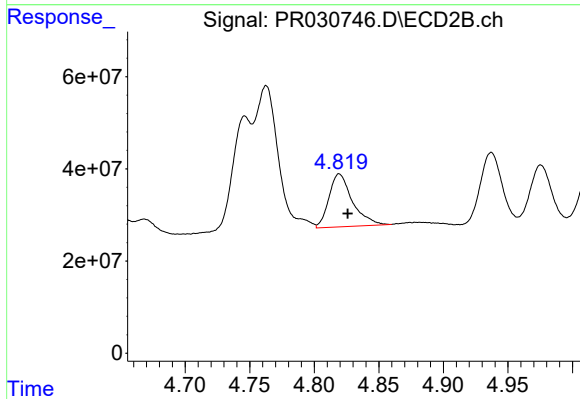
#17 AR-1242-2

R.T.: 4.763 min
Delta R.T.: -0.006 min
Response: 396241067
Conc: 180.79 ng/ml



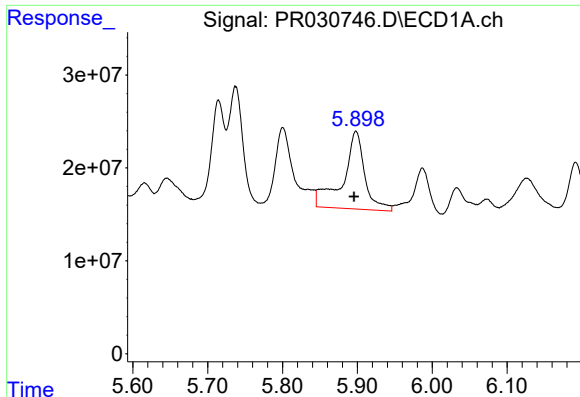
#18 AR-1242-3

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 143543192
Conc: 254.35 ng/ml



#18 AR-1242-3

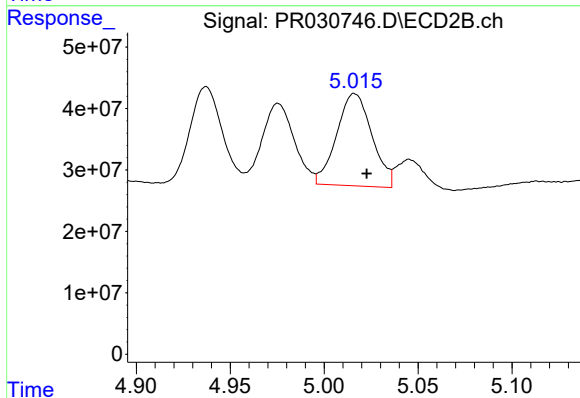
R.T.: 4.819 min
Delta R.T.: -0.006 min
Response: 145194029
Conc: 109.83 ng/ml



#19 AR-1242-4

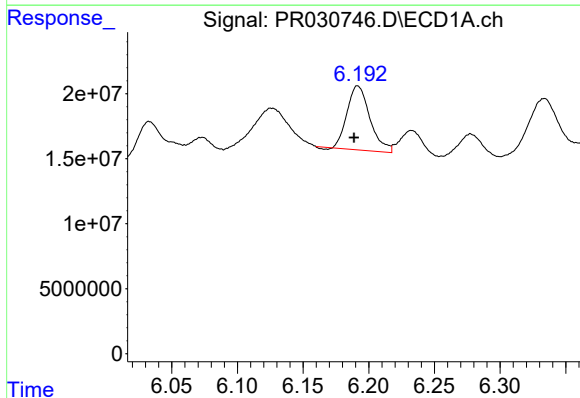
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 170671626
Conc: 354.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



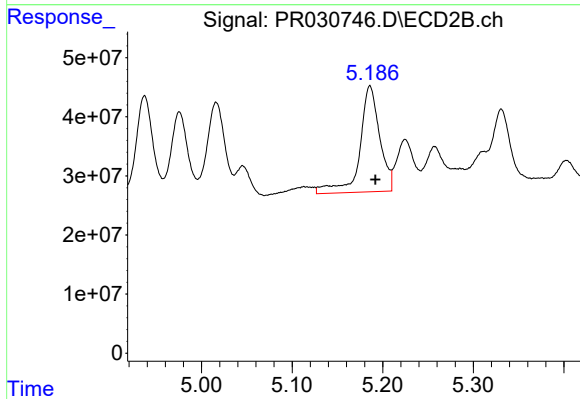
#19 AR-1242-4

R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 196761768
Conc: 192.11 ng/ml



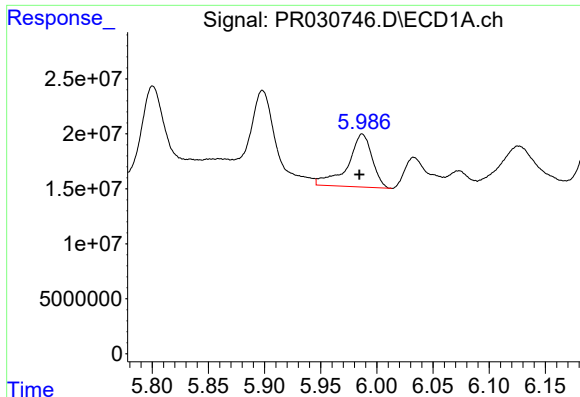
#20 AR-1242-5

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 59295758
Conc: 125.86 ng/ml



#20 AR-1242-5

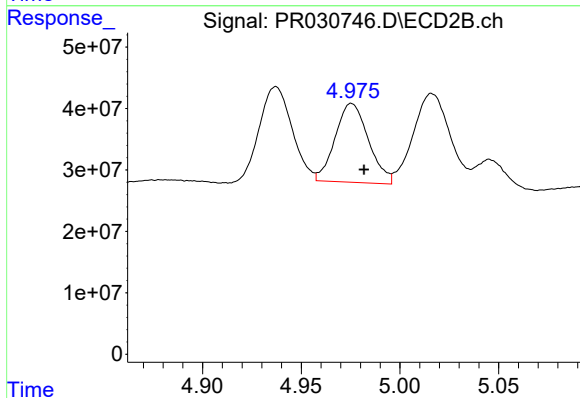
R.T.: 5.186 min
Delta R.T.: -0.006 min
Response: 275755864
Conc: 244.83 ng/ml



#21 AR-1248-1

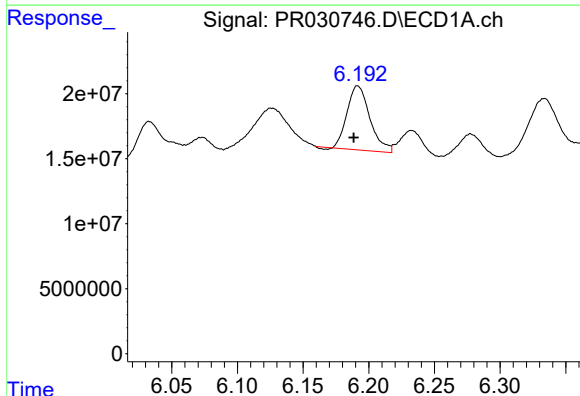
R.T.: 5.987 min
Delta R.T.: 0.002 min
Response: 72996288
Conc: 111.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



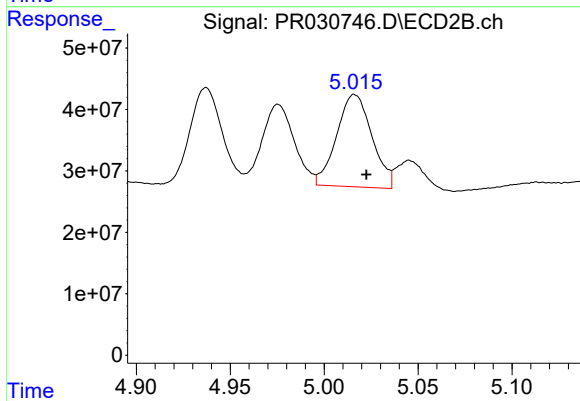
#21 AR-1248-1

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 151037685
Conc: 111.84 ng/ml



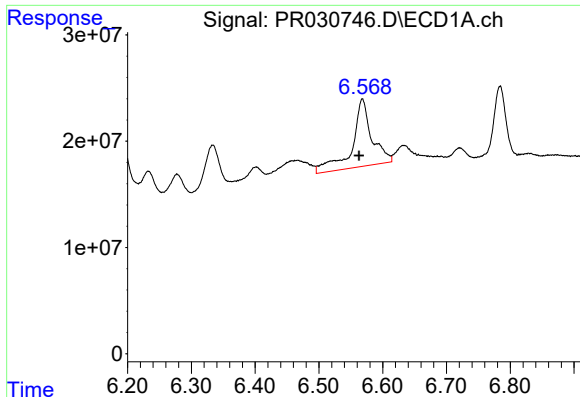
#22 AR-1248-2

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 59295758
Conc: 80.47 ng/ml



#22 AR-1248-2

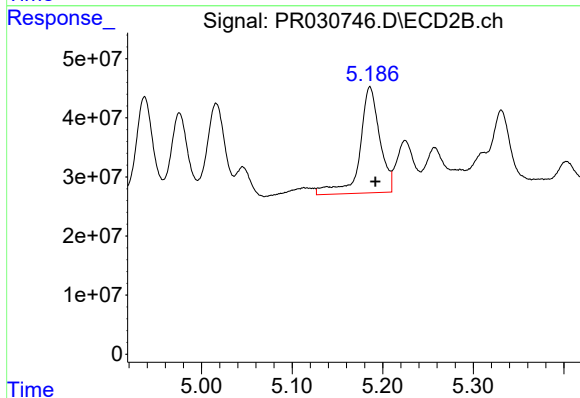
R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 196761768
Conc: 139.84 ng/ml



#23 AR-1248-3

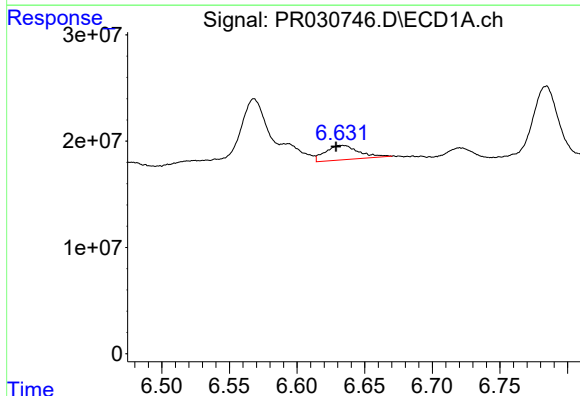
R.T.: 6.568 min
Delta R.T.: 0.005 min
Response: 135251041
Conc: 202.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



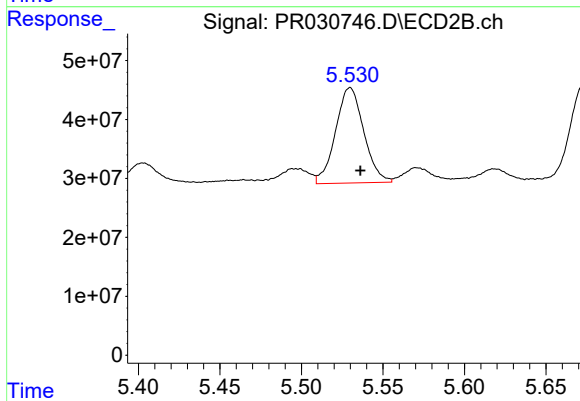
#23 AR-1248-3

R.T.: 5.186 min
Delta R.T.: -0.006 min
Response: 275755864
Conc: 158.38 ng/ml



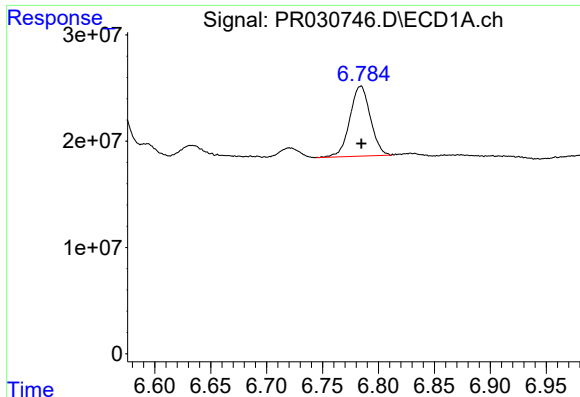
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: 0.004 min
Response: 23122108
Conc: 26.98 ng/ml



#24 AR-1248-4

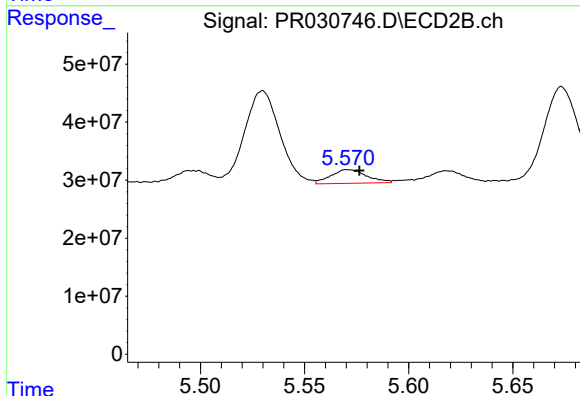
R.T.: 5.530 min
Delta R.T.: -0.006 min
Response: 194904411
Conc: 72.32 ng/ml



#25 AR-1248-5

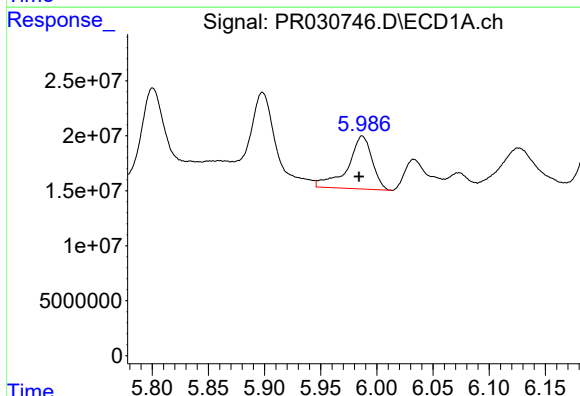
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 84218654
Conc: 95.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



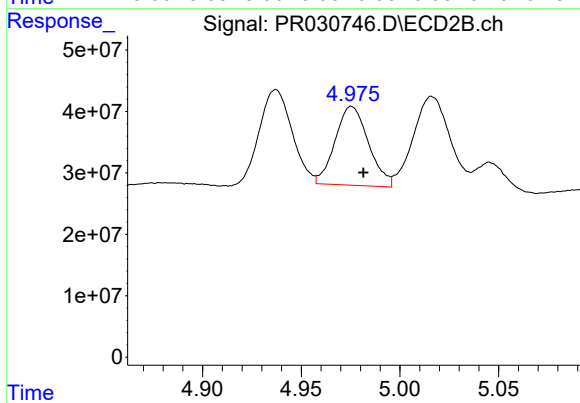
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 28435055
Conc: 14.69 ng/ml



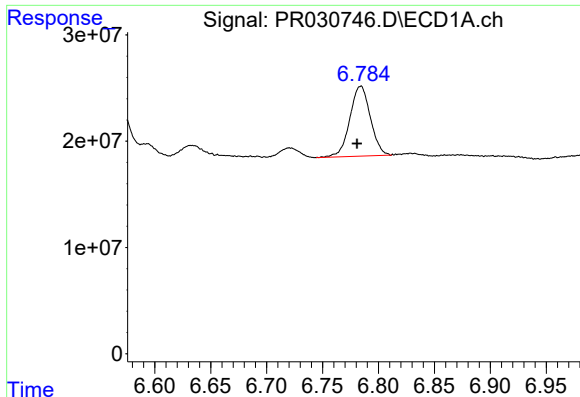
#26 AR-1254-1

R.T.: 5.987 min
Delta R.T.: 0.003 min
Response: 72996288
Conc: 153.52 ng/ml



#26 AR-1254-1

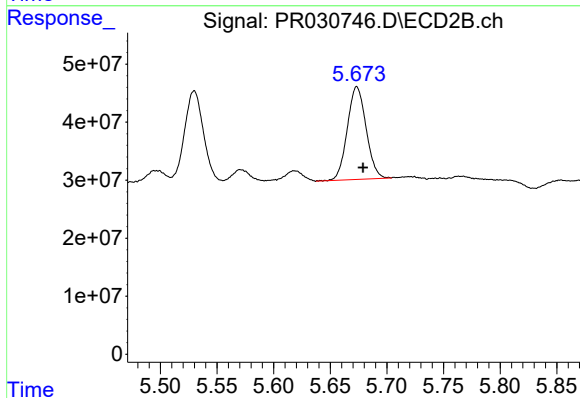
R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 151037685
Conc: 147.78 ng/ml



#27 AR-1254-2

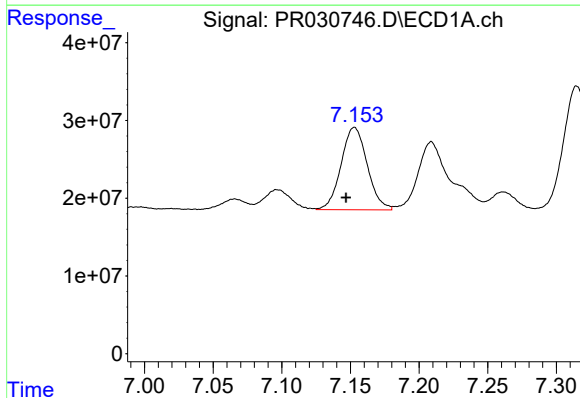
R.T.: 6.784 min
Delta R.T.: 0.003 min
Response: 84218654
Conc: 56.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



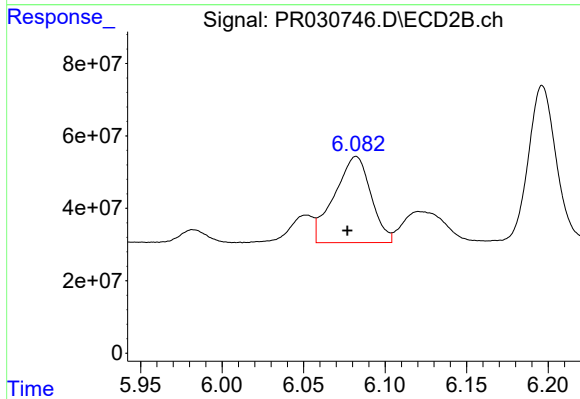
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.006 min
Response: 184615410
Conc: 70.31 ng/ml



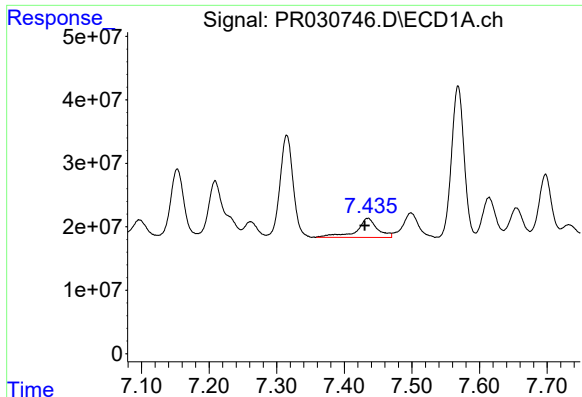
#28 AR-1254-3

R.T.: 7.153 min
Delta R.T.: 0.006 min
Response: 140647336
Conc: 91.85 ng/ml



#28 AR-1254-3

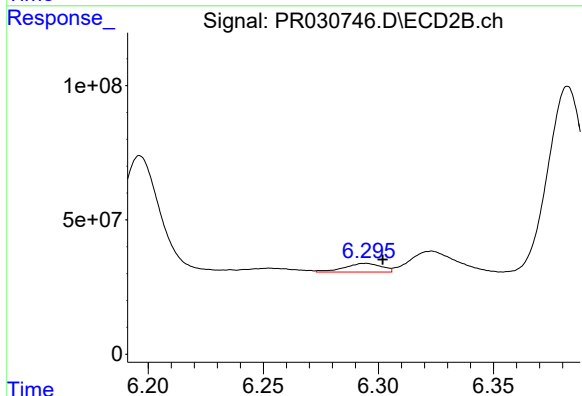
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 371426369
Conc: 87.80 ng/ml



#29 AR-1254-4

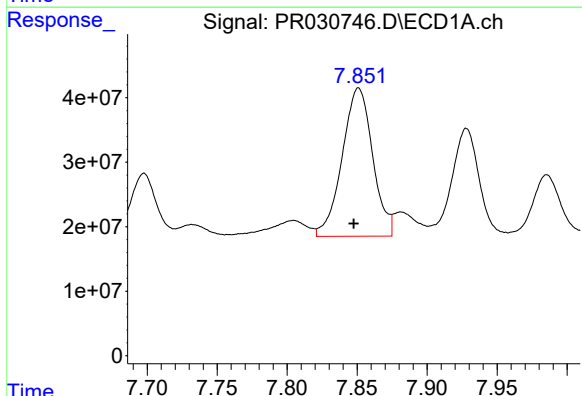
R.T.: 7.435 min
Delta R.T.: 0.005 min
Response: 65435205
Conc: 47.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



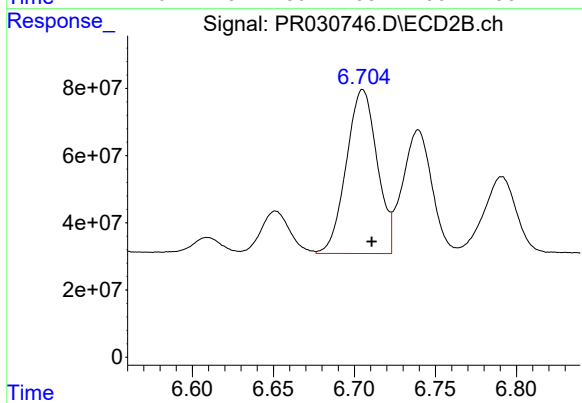
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 36027071
Conc: 10.86 ng/ml



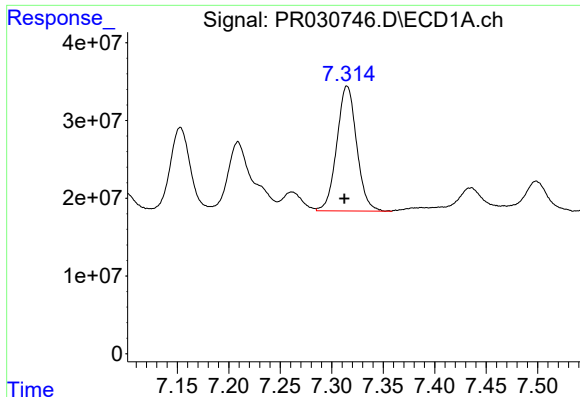
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: 0.003 min
Response: 348588713
Conc: 259.98 ng/ml



#30 AR-1254-5

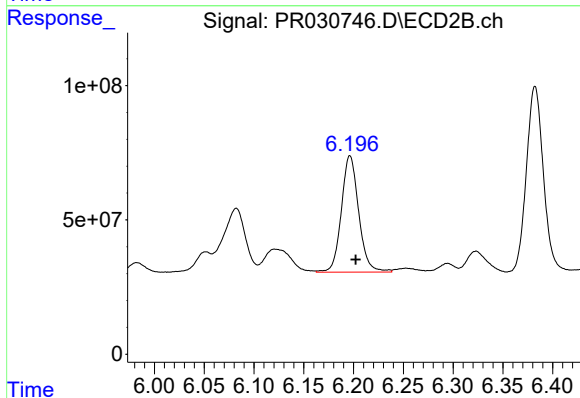
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 645939796
Conc: 204.23 ng/ml



#31 AR-1260-1

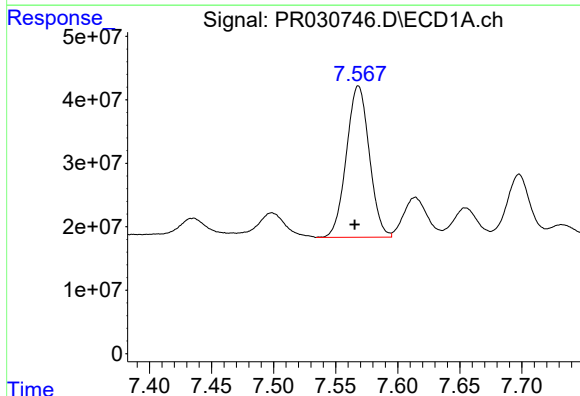
R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 215434800
Conc: 202.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



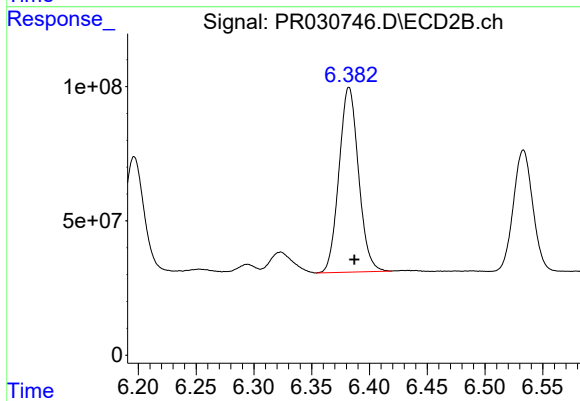
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.006 min
Response: 525789982
Conc: 216.64 ng/ml



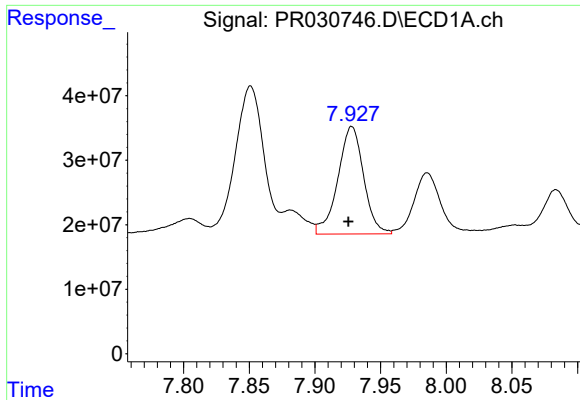
#32 AR-1260-2

R.T.: 7.568 min
Delta R.T.: 0.003 min
Response: 306414915
Conc: 201.37 ng/ml



#32 AR-1260-2

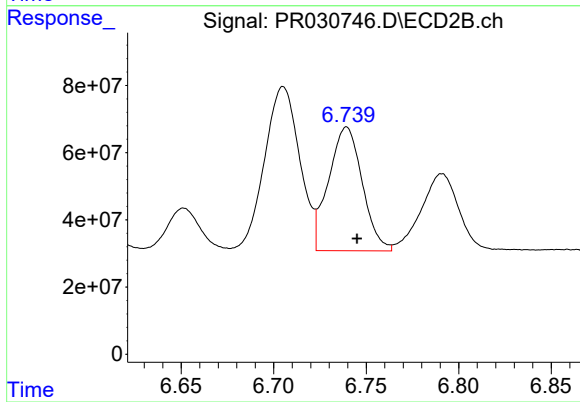
R.T.: 6.382 min
Delta R.T.: -0.005 min
Response: 807936621
Conc: 265.72 ng/ml



#33 AR-1260-3

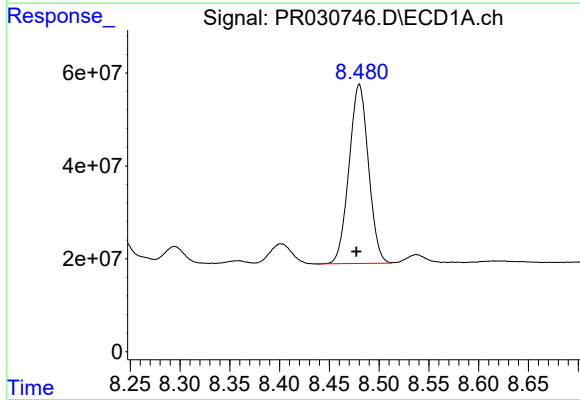
R.T.: 7.928 min
Delta R.T.: 0.003 min
Response: 227458684
Conc: 182.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



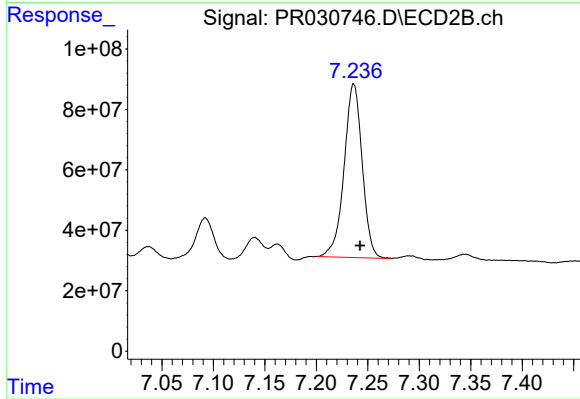
#33 AR-1260-3

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 467246393
Conc: 206.61 ng/ml



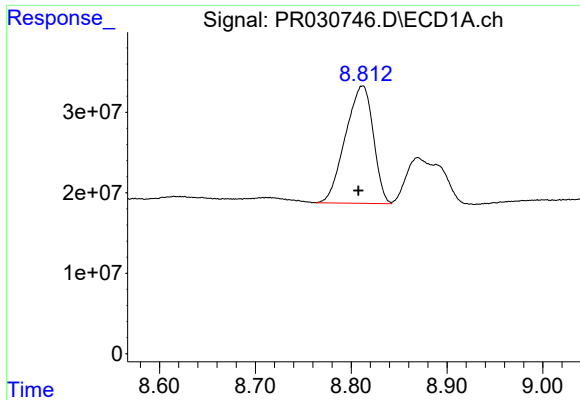
#34 AR-1260-4

R.T.: 8.480 min
Delta R.T.: 0.003 min
Response: 524003779
Conc: 181.88 ng/ml



#34 AR-1260-4

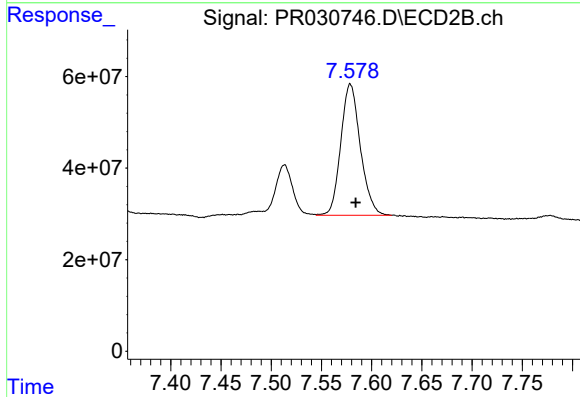
R.T.: 7.236 min
Delta R.T.: -0.006 min
Response: 703310164
Conc: 219.75 ng/ml



#35 AR-1260-5

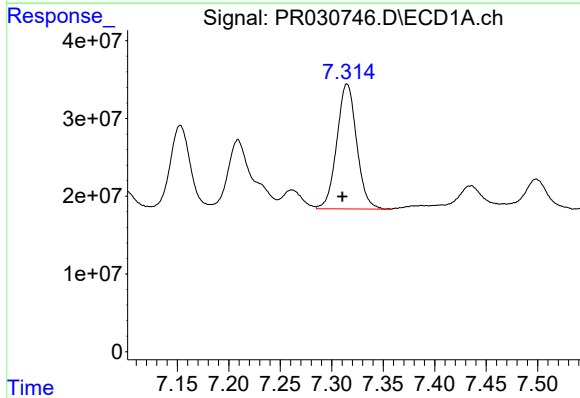
R.T.: 8.812 min
Delta R.T.: 0.004 min
Response: 294954089
Conc: 176.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



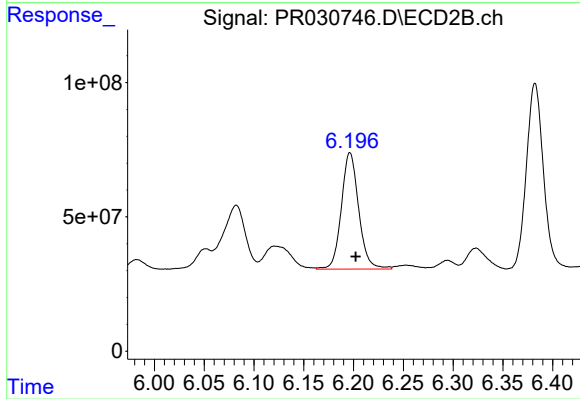
#35 AR-1260-5

R.T.: 7.579 min
Delta R.T.: -0.005 min
Response: 389157278
Conc: 210.93 ng/ml



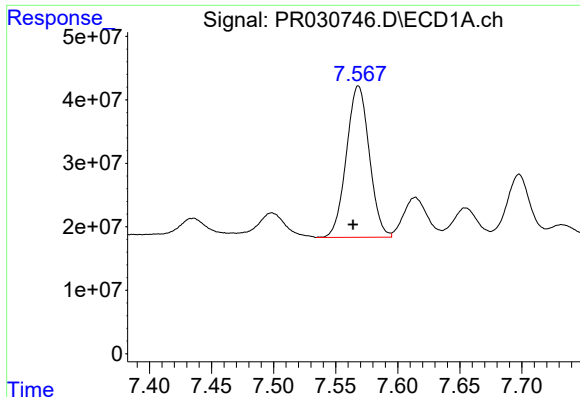
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: 0.005 min
Response: 215434800
Conc: 223.81 ng/ml



#36 AR-1262-1

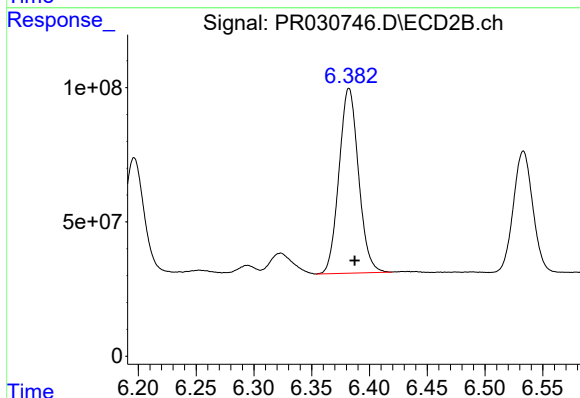
R.T.: 6.196 min
Delta R.T.: -0.006 min
Response: 525789982
Conc: 228.80 ng/ml



#37 AR-1262-2

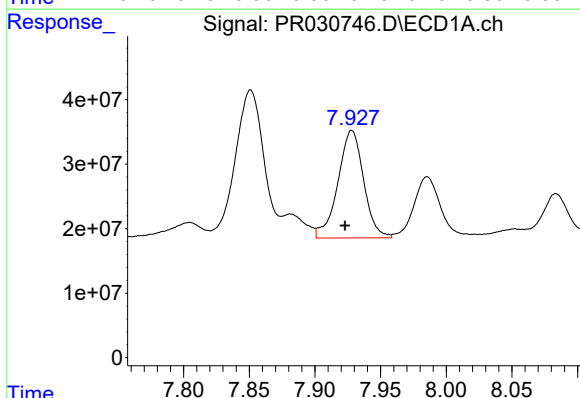
R.T.: 7.568 min
Delta R.T.: 0.004 min
Response: 306414915
Conc: 223.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



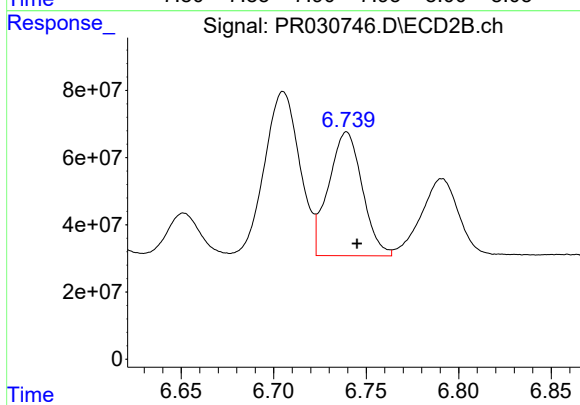
#37 AR-1262-2

R.T.: 6.382 min
Delta R.T.: -0.005 min
Response: 807936621
Conc: 289.03 ng/ml



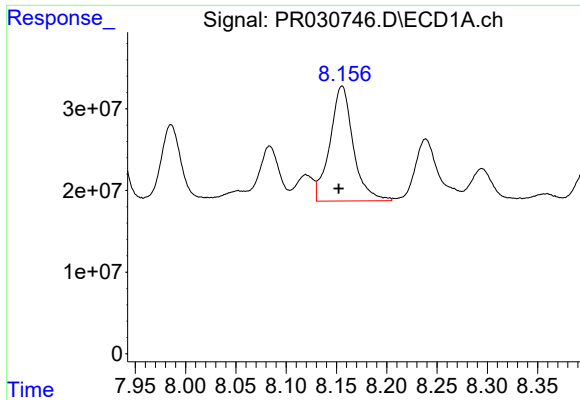
#38 AR-1262-3

R.T.: 7.928 min
Delta R.T.: 0.005 min
Response: 227458684
Conc: 112.83 ng/ml



#38 AR-1262-3

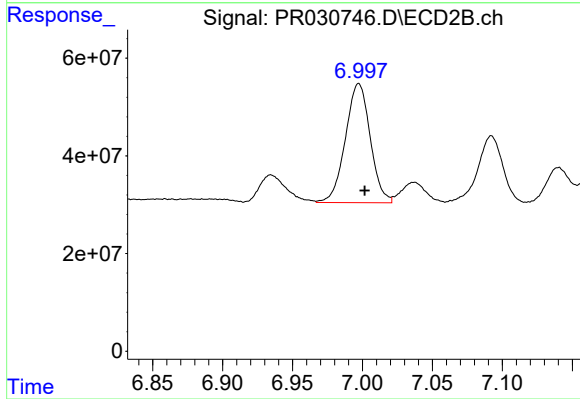
R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 467246393
Conc: 136.60 ng/ml



#39 AR-1262-4

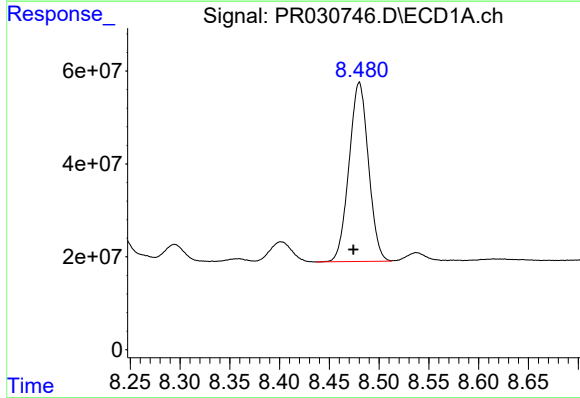
R.T.: 8.156 min
Delta R.T.: 0.003 min
Response: 226930685
Conc: 141.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



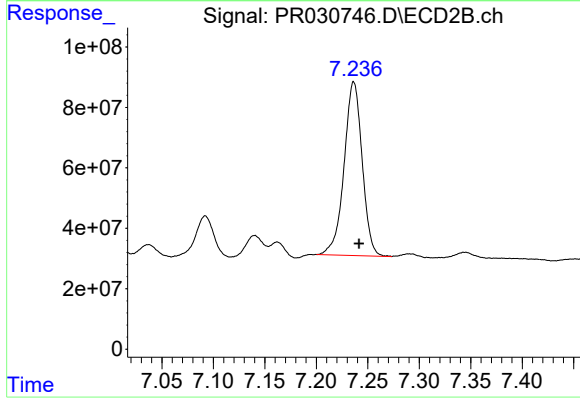
#39 AR-1262-4

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 301766049
Conc: 134.62 ng/ml



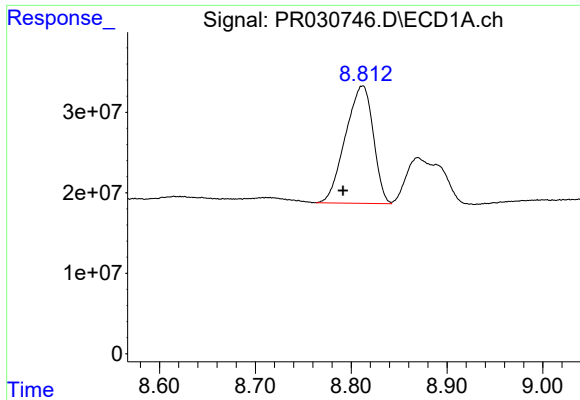
#40 AR-1262-5

R.T.: 8.480 min
Delta R.T.: 0.006 min
Response: 524003779
Conc: 141.49 ng/ml



#40 AR-1262-5

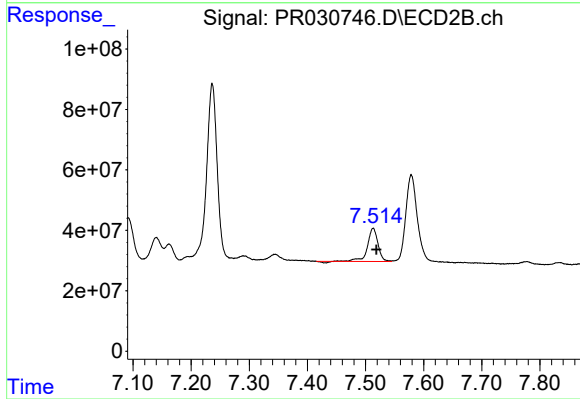
R.T.: 7.236 min
Delta R.T.: -0.005 min
Response: 703310164
Conc: 182.01 ng/ml



#41 AR-1268-1

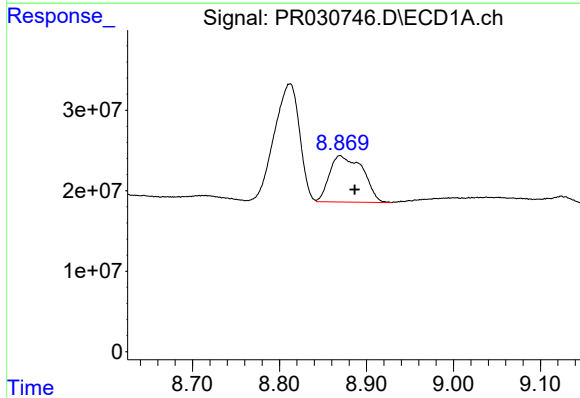
R.T.: 8.812 min
Delta R.T.: 0.021 min
Response: 294954089
Conc: 72.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



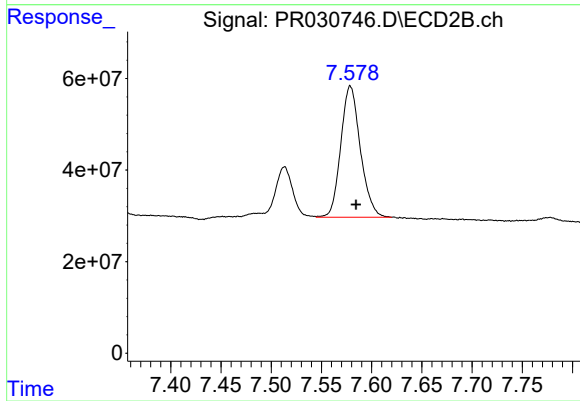
#41 AR-1268-1

R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 136006125
Conc: 40.72 ng/ml



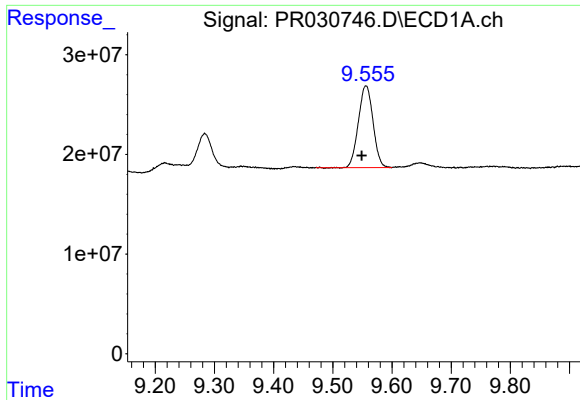
#42 AR-1268-2

R.T.: 8.870 min
Delta R.T.: -0.017 min
Response: 153351601
Conc: 43.25 ng/ml



#42 AR-1268-2

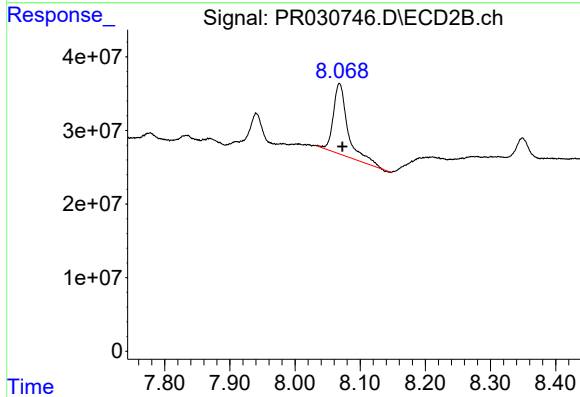
R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 389157278
Conc: 134.39 ng/ml



#44 AR-1268-4

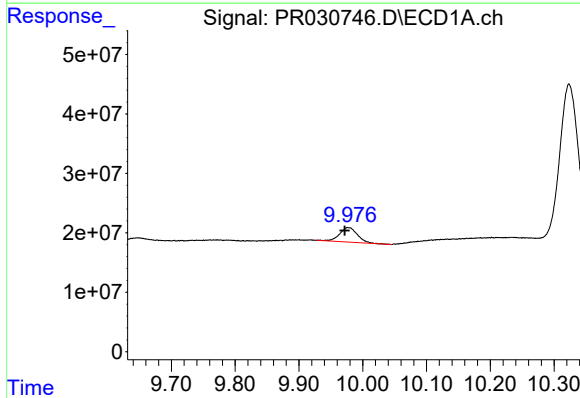
R.T.: 9.556 min
Delta R.T.: 0.007 min
Response: 140585717
Conc: 108.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



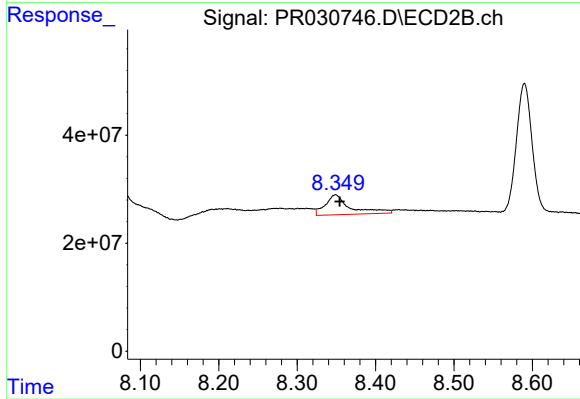
#44 AR-1268-4

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 148813705
Conc: 139.04 ng/ml



#45 AR-1268-5

R.T.: 9.977 min
Delta R.T.: 0.005 min
Response: 47791965
Conc: 5.42 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.005 min
Response: 82288094
Conc: 12.52 ng/ml