

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092018\
 Data File : PR032150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2018 07:33
 Operator : SM\SJ
 Sample : PB113001BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 01:05:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 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...	4.515	3.646	427.9E6	807.8E6	21.524	19.305
2)	SA Decachlor...	10.252	8.500	545.1E6	421.9E6	18.610	18.762
Target Compounds							
3)	L1 AR-1016-1	5.214	4.296	131.4E6	267.1E6	252.765	230.826
4)	L1 AR-1016-2	5.407	4.695	128.5E6	376.1E6	243.581	218.731
5)	L1 AR-1016-3	5.673	4.711	199.4E6	710.7E6	243.980	224.816
6)	L1 AR-1016-4	5.757	4.768	169.8E6	400.8E6	237.221	223.900
7)	L1 AR-1016-5	6.148	5.130	142.4E6	351.0E6	233.315	208.202
8)	L2 AR-1221-1	4.713	3.850	15347558	28750866	57.239	54.110
9)	L2 AR-1221-2	4.804	3.936	23351434	41714513	114.194	103.904
10)	L2 AR-1221-3	4.881	4.008	90935795	170.2E6	145.787	135.838
11)	L3 AR-1232-1	5.695	4.482	283.6E6	301.6E6	587.137	525.307
12)	L3 AR-1232-2	5.856	4.594	146.0E6	92361712	588.206	479.793
13)	L3 AR-1232-3	6.026	4.962	96404439	337.9E6	853.644	613.150 #
14)	L3 AR-1232-4	6.356	5.274	37355252	320.6E6	495.192	455.683
15)	L3 AR-1232-5	7.216	5.837	42116162	13723063	646.072	165.779 #
16)	L4 AR-1242-1	5.245	4.313	73455594	165.3E6	328.434	307.030
17)	L4 AR-1242-2	5.990	4.884	118.6E6	331.8E6	283.564	295.705
18)	L4 AR-1242-3	6.190	4.992	63035061	115.6E6	287.363	290.890
19)	L4 AR-1242-4	6.234	5.345	46132961	70068510	273.055	188.199 #
20)	L4 AR-1242-5	6.289	5.704	129.4E6	64569625	233.480	77.095 #
21)	L5 AR-1248-1	5.944	4.922	126.7E6	275.2E6	101.161	96.407
22)	L5 AR-1248-2	6.523	5.471	273.8E6	323.8E6	210.151	56.697 #
23)	L5 AR-1248-3	6.523	5.494	273.8E6	151.8E6	154.389	34.982 #
24)	L5 AR-1248-4	6.587	5.704	64891858	64569625	38.329	16.315 #
25)	L5 AR-1248-5	6.784	6.018	8088488	526.8E6	7.234	208.189 #
26)	L6 AR-1254-1	6.739	5.613	121.0E6	294.8E6	80.088	94.255
27)	L6 AR-1254-2	7.020	5.919	27530721	38777946	27.974	24.976
28)	L6 AR-1254-3	7.108	6.233	139.8E6	63251120	78.479	19.630 #
29)	L6 AR-1254-4	7.390	6.541	49308157	69459797	35.119	36.892
30)	L6 AR-1254-5	7.653	6.636	136.7E6	670.1E6	142.899	304.348 #
31)	L7 AR-1260-1	7.269	6.132	278.2E6	682.9E6	212.865	206.157
32)	L7 AR-1260-2	7.523	6.318	335.1E6	963.4E6	202.442	235.708
33)	L7 AR-1260-3	7.807	6.467	400.8E6	664.6E6	208.959	202.995
34)	L7 AR-1260-4	8.109	6.927	252.7E6	374.2E6	183.050	186.600
35)	L7 AR-1260-5	8.430	7.167	518.5E6	756.0E6	169.500	185.175
36)	L8 AR-1262-1	7.164	6.018	185.7E6	526.8E6	244.354	304.556
37)	L8 AR-1262-2	7.940	6.725	127.7E6	281.6E6	180.468	198.027
38)	L8 AR-1262-3	8.192	7.021	114.3E6	206.6E6	188.045	203.106
39)	L8 AR-1262-4	8.817	7.440	216.3E6	166.8E6	119.338	98.566
40)	L8 AR-1262-5	9.494	7.996	164.6E6	156.3E6	121.561	148.210
41)	L9 AR-1268-1	7.883	6.672	235.9E6	519.9E6	333.132	371.150

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2018 07:33
 Operator : SM\SJ
 Sample : PB113001BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

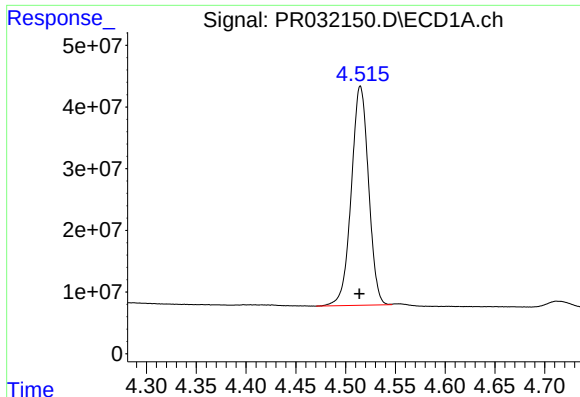
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 01:05:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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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
42) L9	AR-1268-2	8.109	7.507	252.7E6	620.5E6	273.275	103.522 #
43) L9	AR-1268-3	8.760	7.702	346.4E6	58879301	81.271	20.932 #
44) L9	AR-1268-4	9.071	7.791	17222942	-2336554	5.019	N.D. #
45) L9	AR-1268-5	9.913	8.267	57312063	61136740	5.628	8.462 #

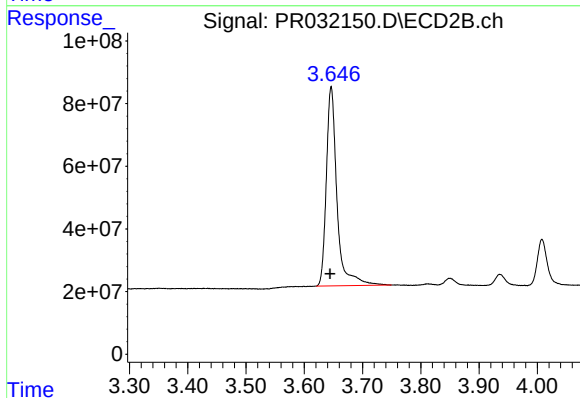
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

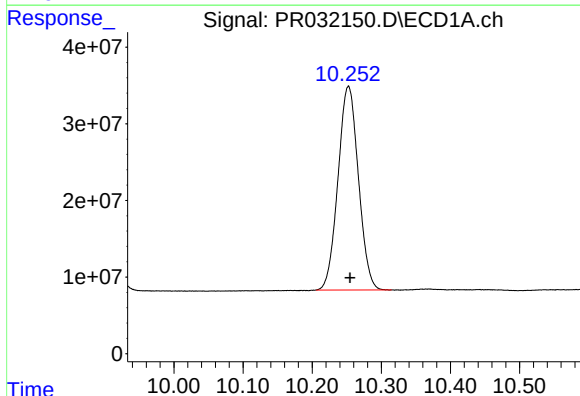
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 427904598
Conc: 21.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



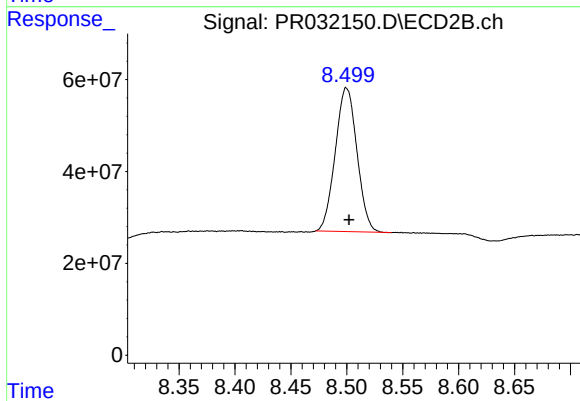
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.002 min
Response: 807828392
Conc: 19.31 ng/ml



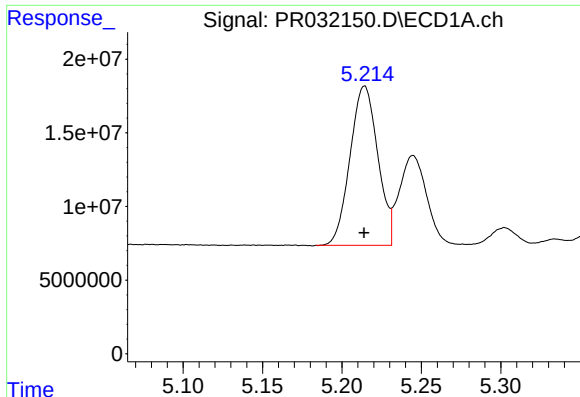
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 545122865
Conc: 18.61 ng/ml



#2 Decachlorobiphenyl

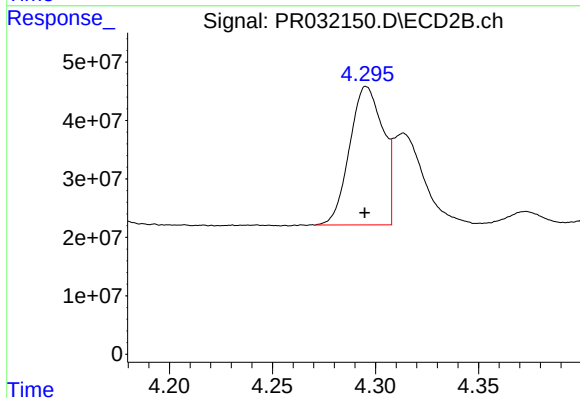
R.T.: 8.500 min
Delta R.T.: -0.002 min
Response: 421907957
Conc: 18.76 ng/ml



#3 AR-1016-1

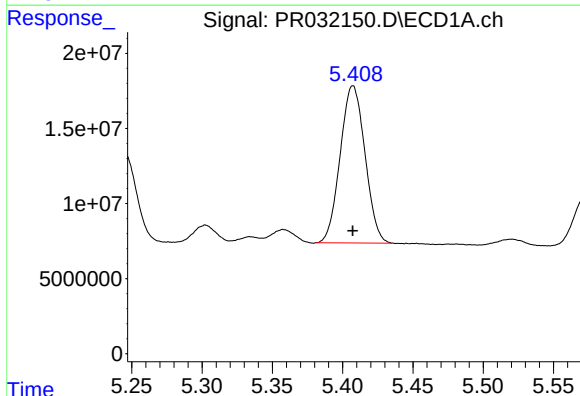
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 131422757
Conc: 252.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



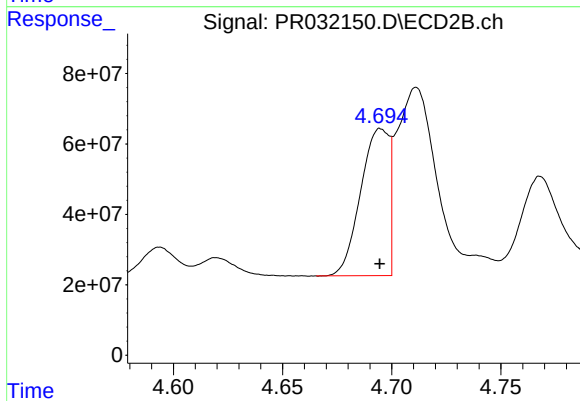
#3 AR-1016-1

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 267074101
Conc: 230.83 ng/ml



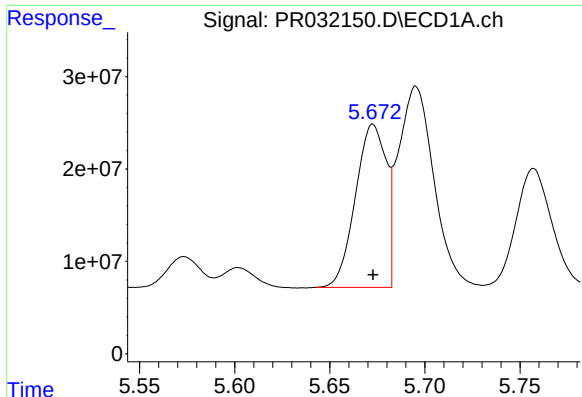
#4 AR-1016-2

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 128471882
Conc: 243.58 ng/ml



#4 AR-1016-2

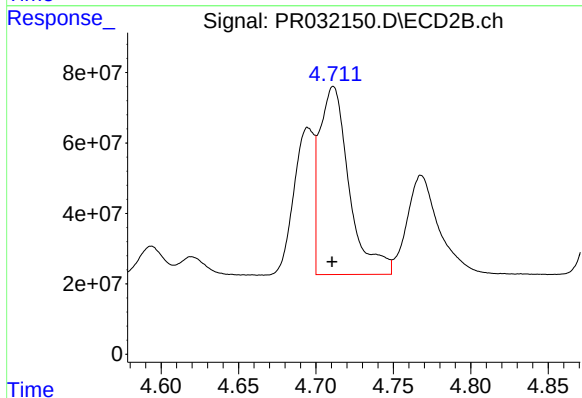
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 376135581
Conc: 218.73 ng/ml



#5 AR-1016-3

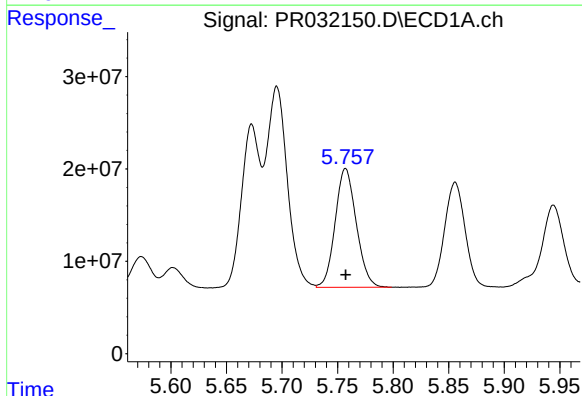
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 199403167
Conc: 243.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



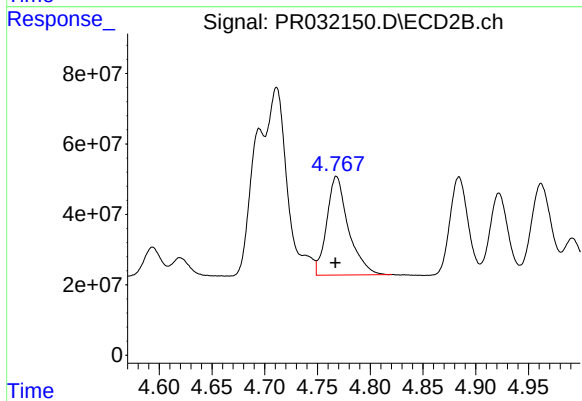
#5 AR-1016-3

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 710728982
Conc: 224.82 ng/ml



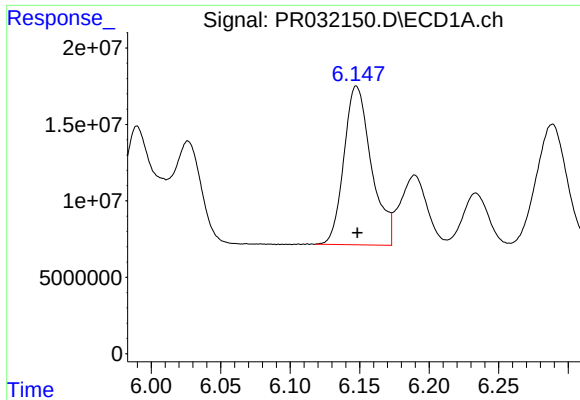
#6 AR-1016-4

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 169837300
Conc: 237.22 ng/ml



#6 AR-1016-4

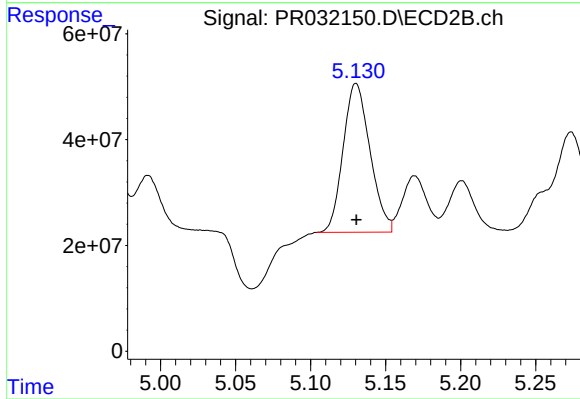
R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 400780630
Conc: 223.90 ng/ml



#7 AR-1016-5

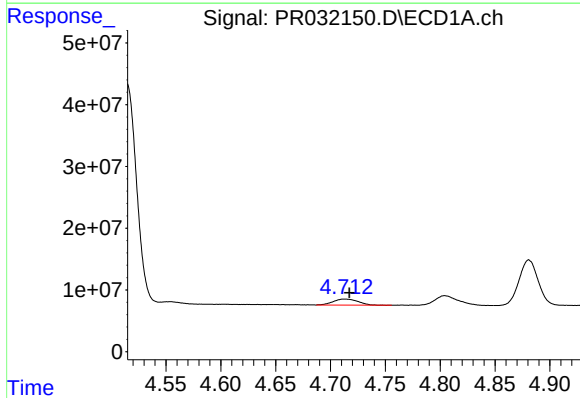
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 142438490
Conc: 233.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



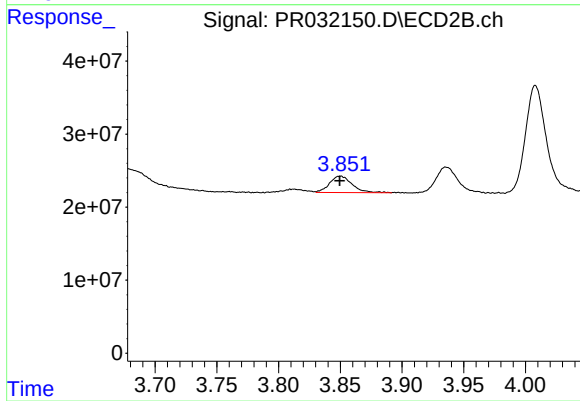
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 351027571
Conc: 208.20 ng/ml



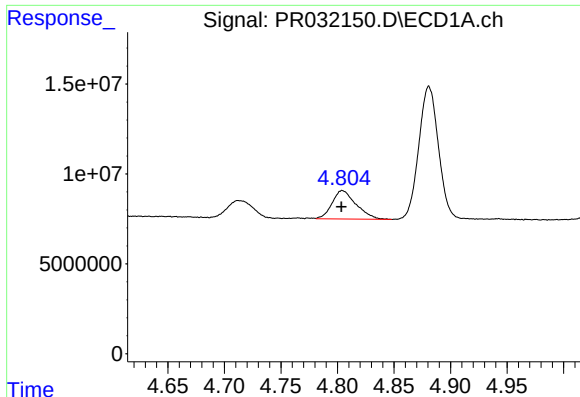
#8 AR-1221-1

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 15347558
Conc: 57.24 ng/ml



#8 AR-1221-1

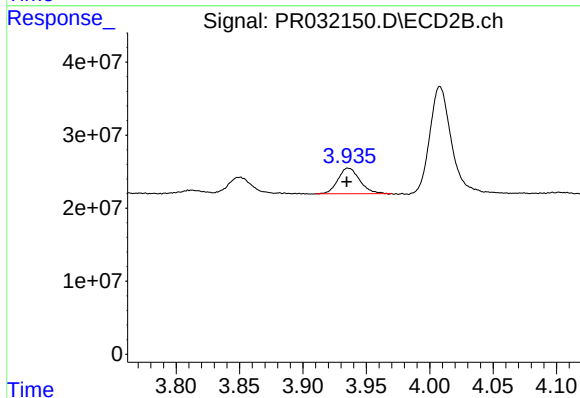
R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 28750866
Conc: 54.11 ng/ml



#9 AR-1221-2

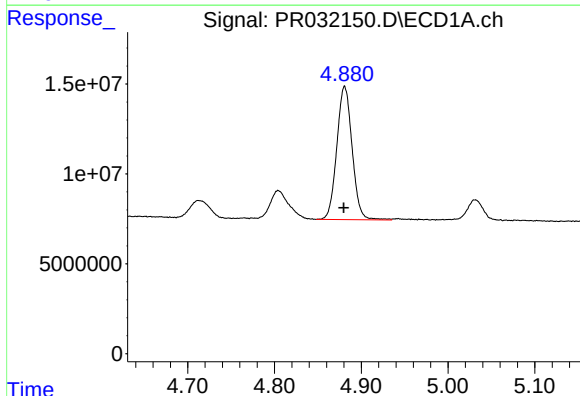
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 23351434
Conc: 114.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



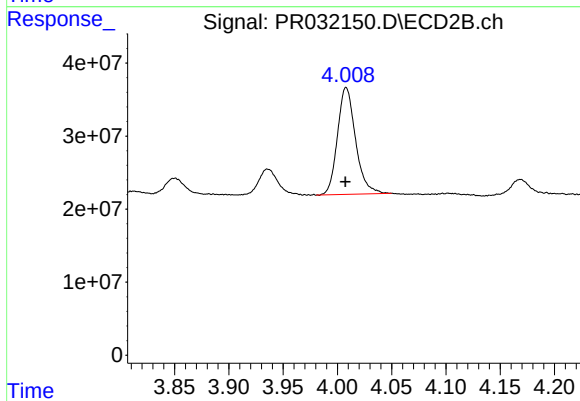
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: 0.001 min
Response: 41714513
Conc: 103.90 ng/ml



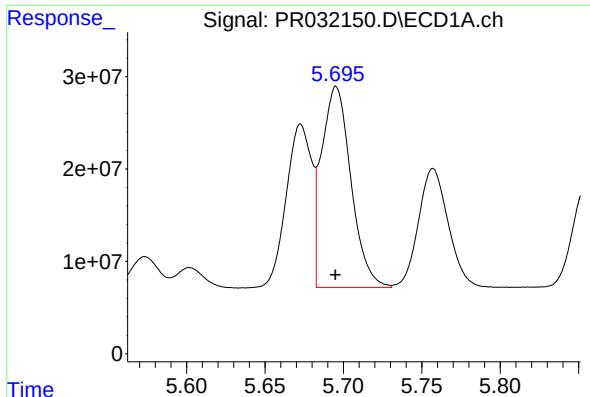
#10 AR-1221-3

R.T.: 4.881 min
Delta R.T.: 0.001 min
Response: 90935795
Conc: 145.79 ng/ml



#10 AR-1221-3

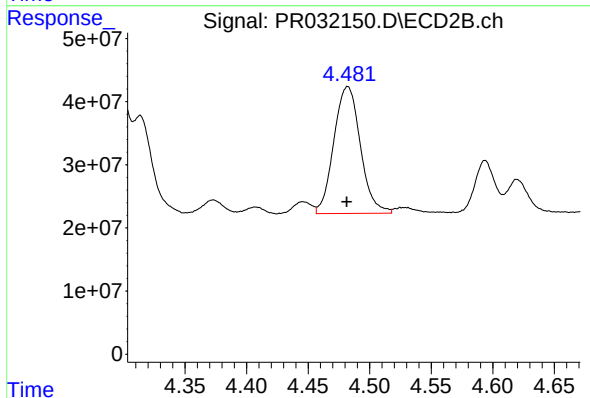
R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 170234525
Conc: 135.84 ng/ml



#11 AR-1232-1

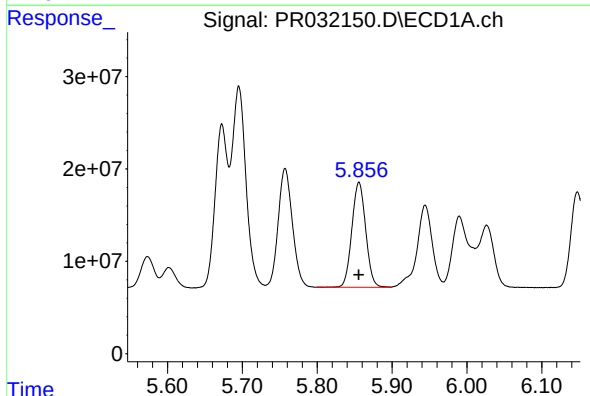
R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 283568067
Conc: 587.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



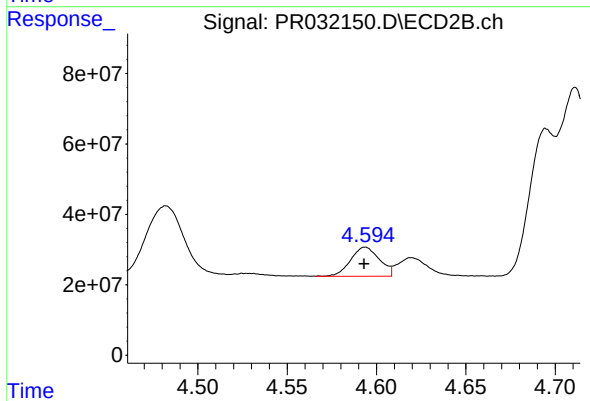
#11 AR-1232-1

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 301594387
Conc: 525.31 ng/ml



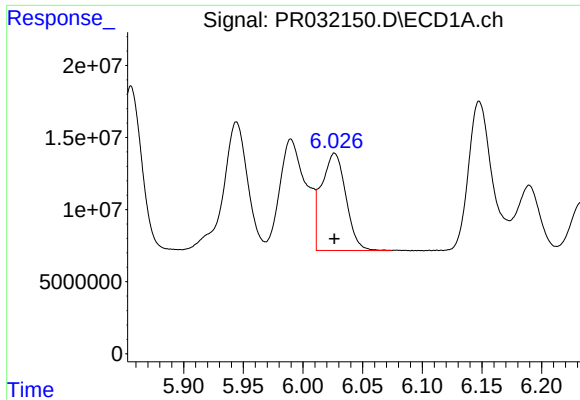
#12 AR-1232-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 145959431
Conc: 588.21 ng/ml



#12 AR-1232-2

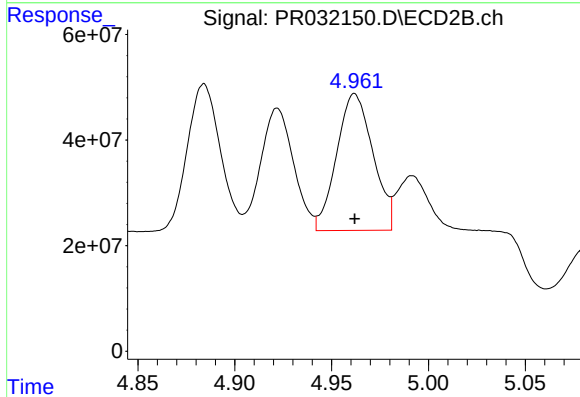
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 92361712
Conc: 479.79 ng/ml



#13 AR-1232-3

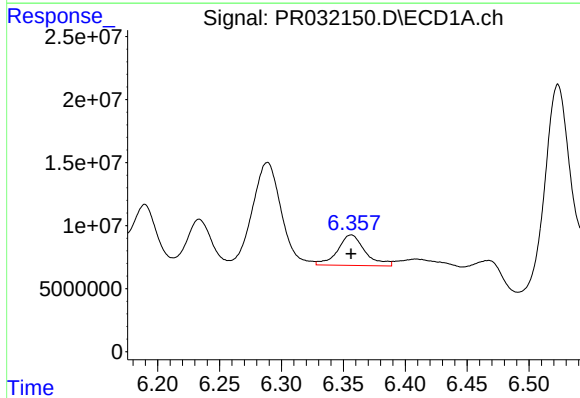
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 96404439
Conc: 853.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



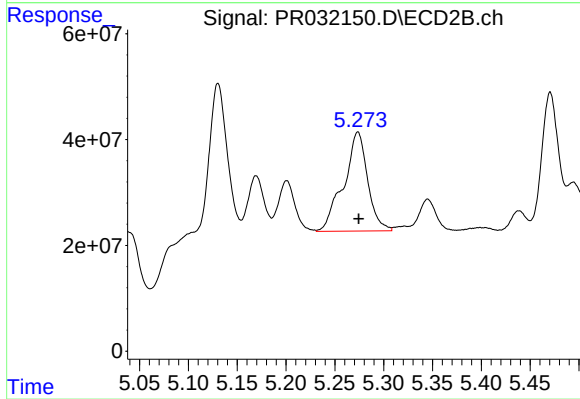
#13 AR-1232-3

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 337883413
Conc: 613.15 ng/ml



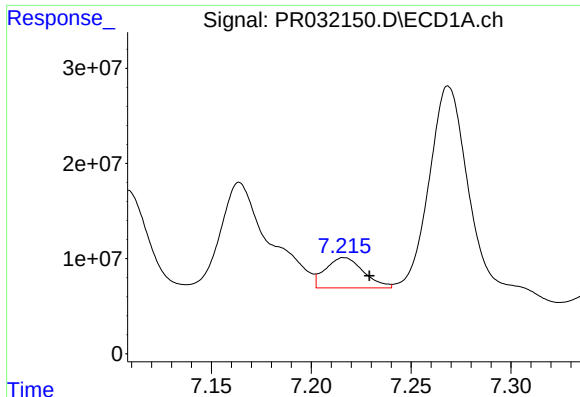
#14 AR-1232-4

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 37355252
Conc: 495.19 ng/ml



#14 AR-1232-4

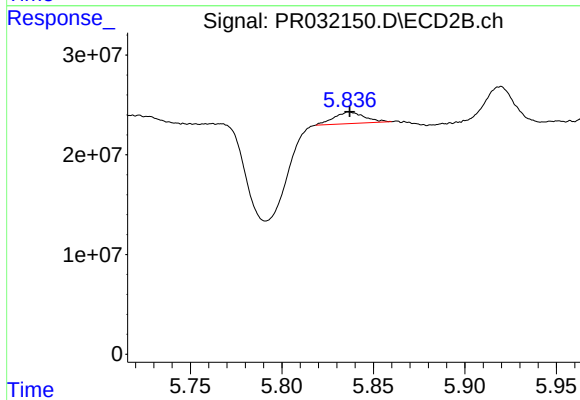
R.T.: 5.274 min
Delta R.T.: -0.001 min
Response: 320560664
Conc: 455.68 ng/ml



#15 AR-1232-5

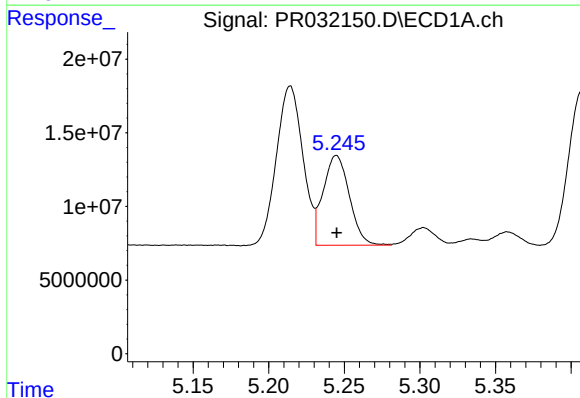
R.T.: 7.216 min
Delta R.T.: -0.013 min
Response: 42116162
Conc: 646.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



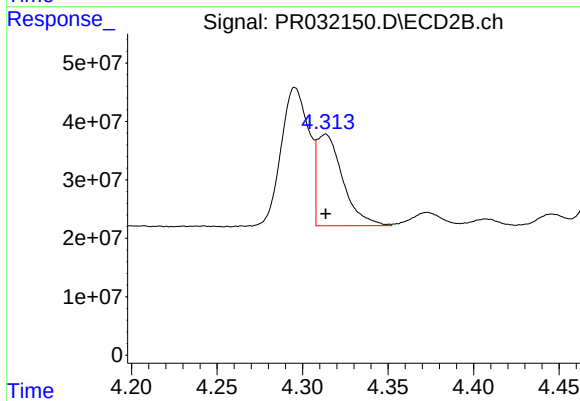
#15 AR-1232-5

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 13723063
Conc: 165.78 ng/ml



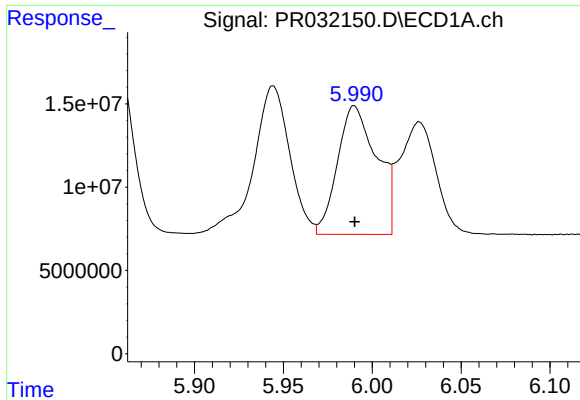
#16 AR-1242-1

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 73455594
Conc: 328.43 ng/ml



#16 AR-1242-1

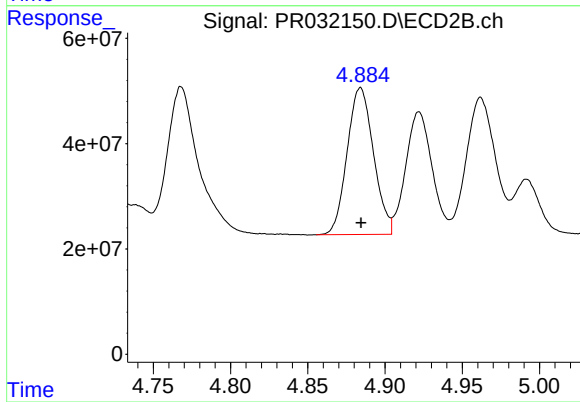
R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 165285976
Conc: 307.03 ng/ml



#17 AR-1242-2

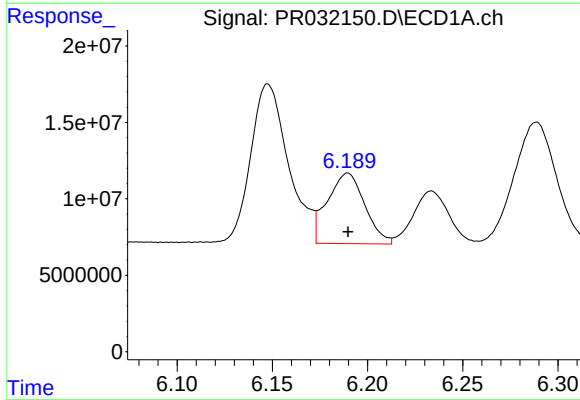
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 118596476
Conc: 283.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



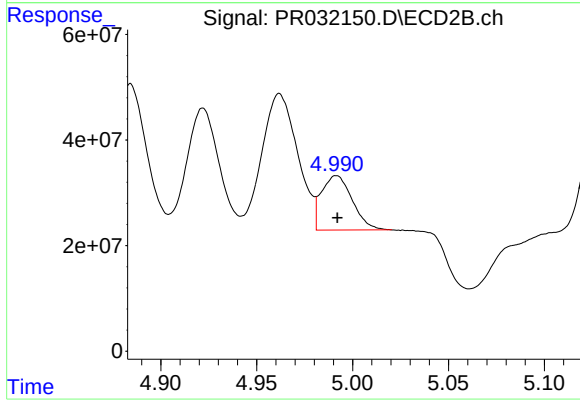
#17 AR-1242-2

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 331792866
Conc: 295.71 ng/ml



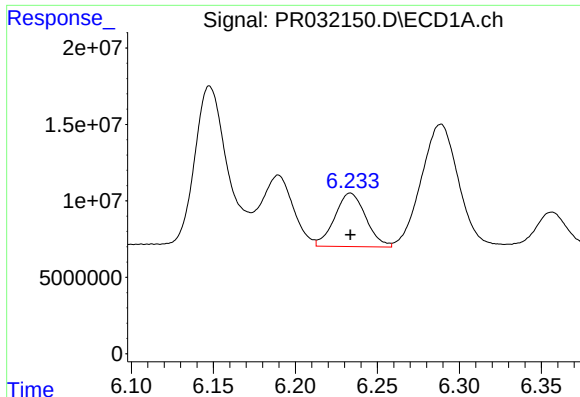
#18 AR-1242-3

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 63035061
Conc: 287.36 ng/ml



#18 AR-1242-3

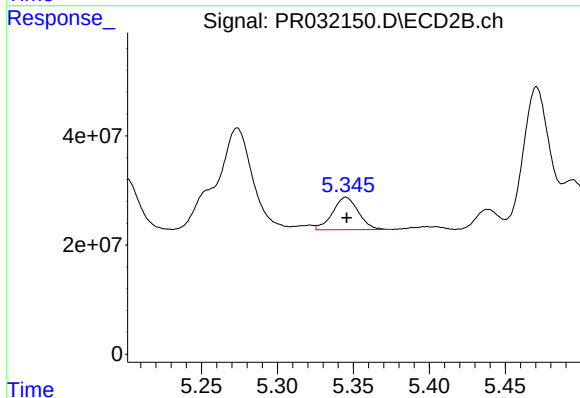
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 115568837
Conc: 290.89 ng/ml



#19 AR-1242-4

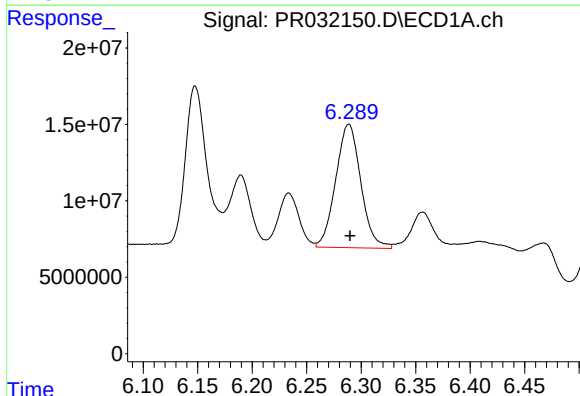
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 46132961
Conc: 273.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



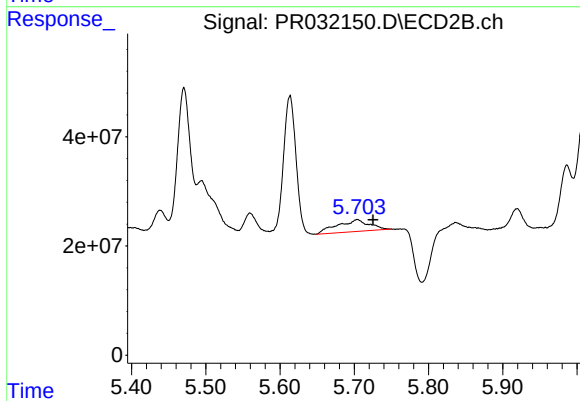
#19 AR-1242-4

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 70068510
Conc: 188.20 ng/ml



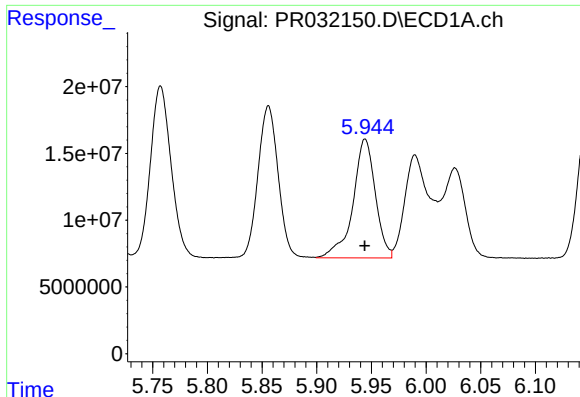
#20 AR-1242-5

R.T.: 6.289 min
Delta R.T.: -0.001 min
Response: 129367105
Conc: 233.48 ng/ml



#20 AR-1242-5

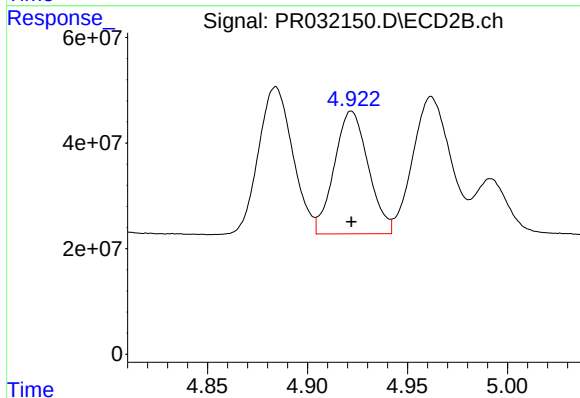
R.T.: 5.704 min
Delta R.T.: -0.021 min
Response: 64569625
Conc: 77.10 ng/ml



#21 AR-1248-1

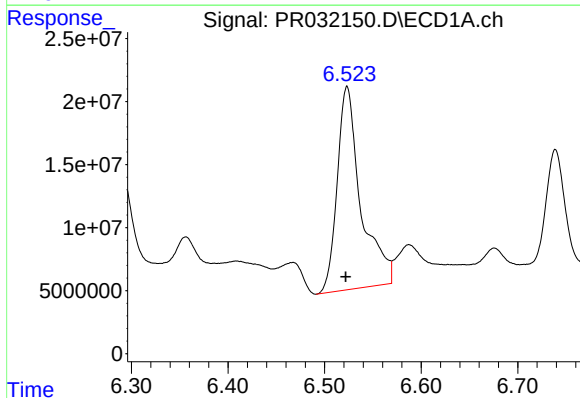
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 126692613
Conc: 101.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



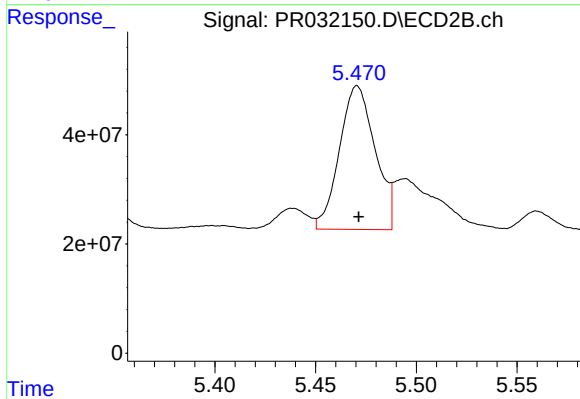
#21 AR-1248-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 275155764
Conc: 96.41 ng/ml



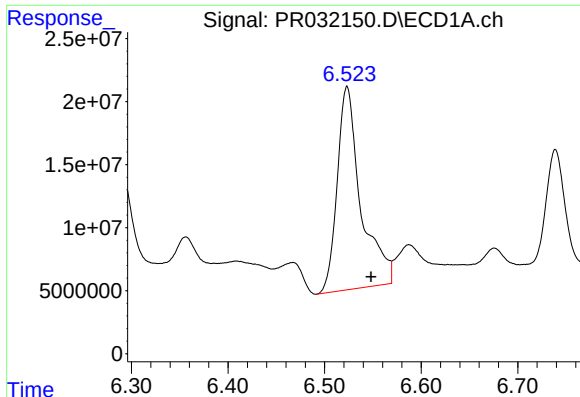
#22 AR-1248-2

R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 273807982
Conc: 210.15 ng/ml



#22 AR-1248-2

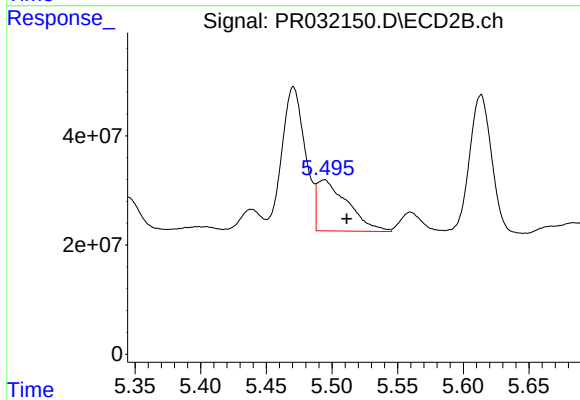
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 323835472
Conc: 56.70 ng/ml



#23 AR-1248-3

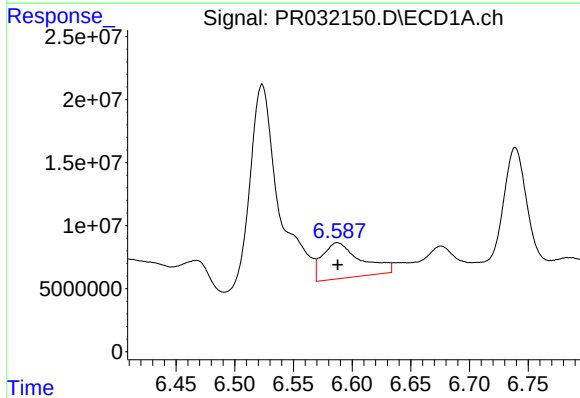
R.T.: 6.523 min
Delta R.T.: -0.025 min
Response: 273807982
Conc: 154.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



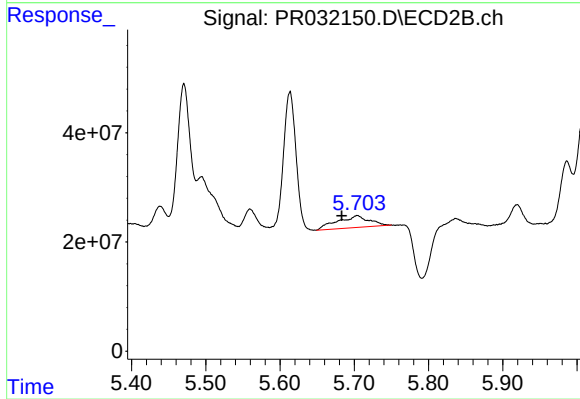
#23 AR-1248-3

R.T.: 5.494 min
Delta R.T.: -0.017 min
Response: 151771674
Conc: 34.98 ng/ml



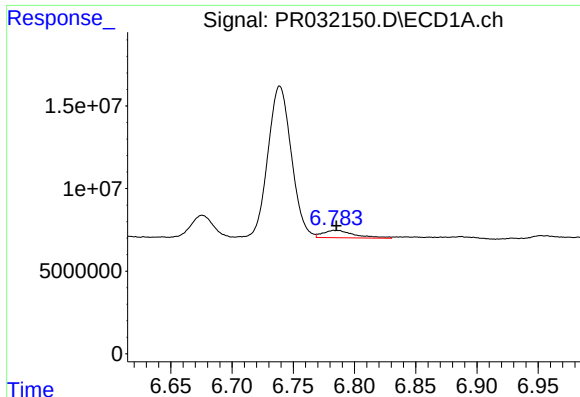
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 64891858
Conc: 38.33 ng/ml



#24 AR-1248-4

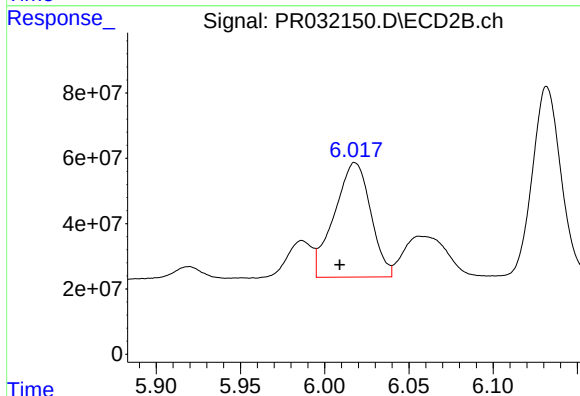
R.T.: 5.704 min
Delta R.T.: 0.021 min
Response: 64569625
Conc: 16.32 ng/ml



#25 AR-1248-5

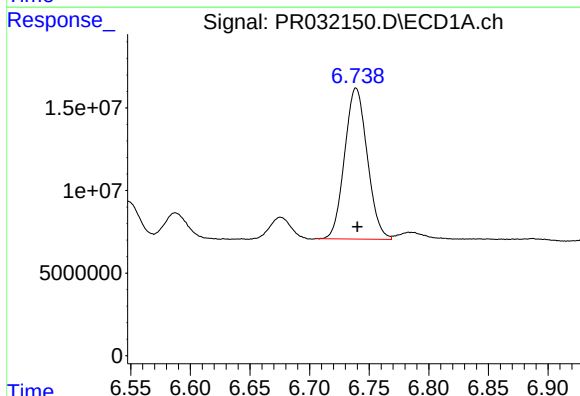
R.T.: 6.784 min
Delta R.T.: -0.001 min
Response: 8088488
Conc: 7.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



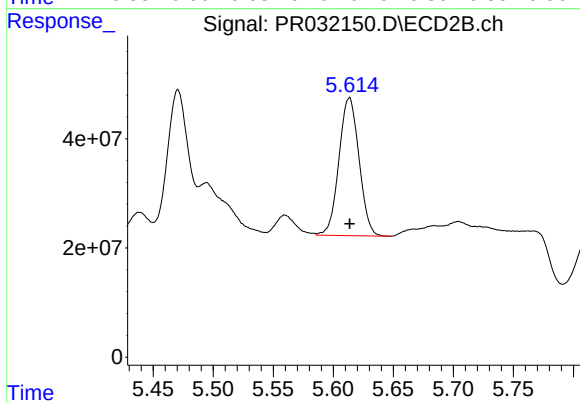
#25 AR-1248-5

R.T.: 6.018 min
Delta R.T.: 0.009 min
Response: 526783651
Conc: 208.19 ng/ml



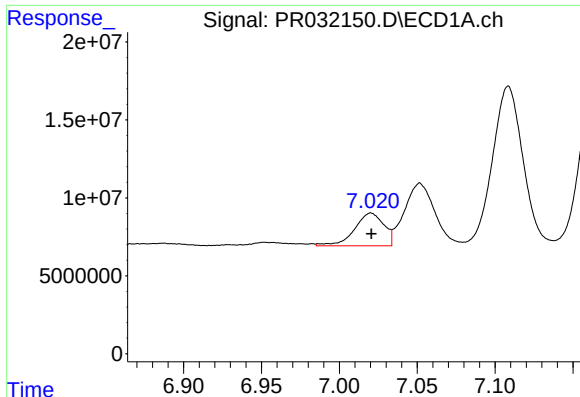
#26 AR-1254-1

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 121039678
Conc: 80.09 ng/ml



#26 AR-1254-1

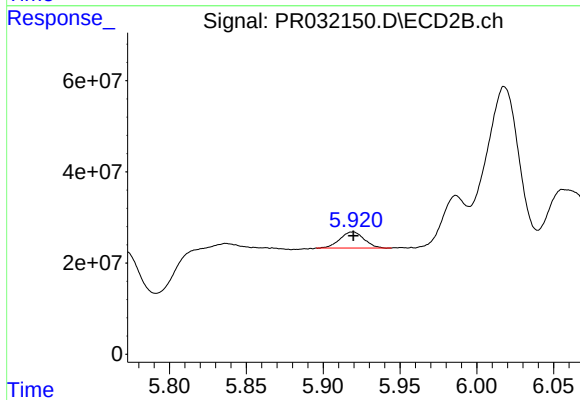
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 294804841
Conc: 94.26 ng/ml



#27 AR-1254-2

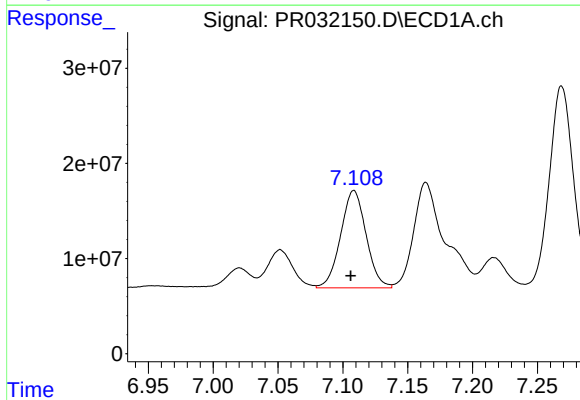
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 27530721
Conc: 27.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



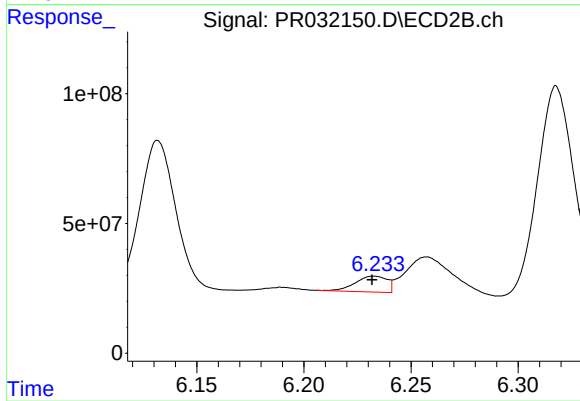
#27 AR-1254-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 38777946
Conc: 24.98 ng/ml



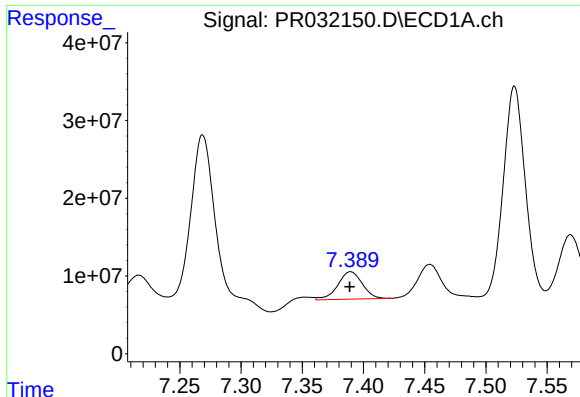
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 139840594
Conc: 78.48 ng/ml



#28 AR-1254-3

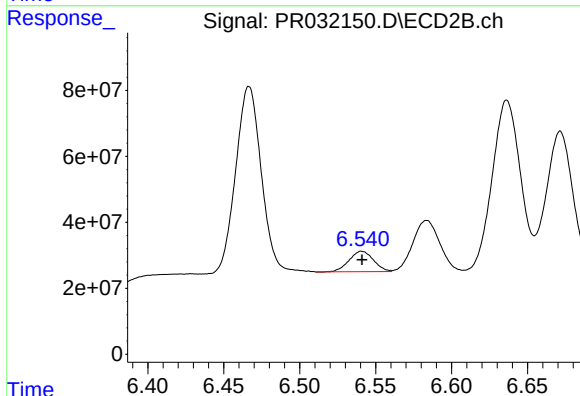
R.T.: 6.233 min
Delta R.T.: 0.001 min
Response: 63251120
Conc: 19.63 ng/ml



#29 AR-1254-4

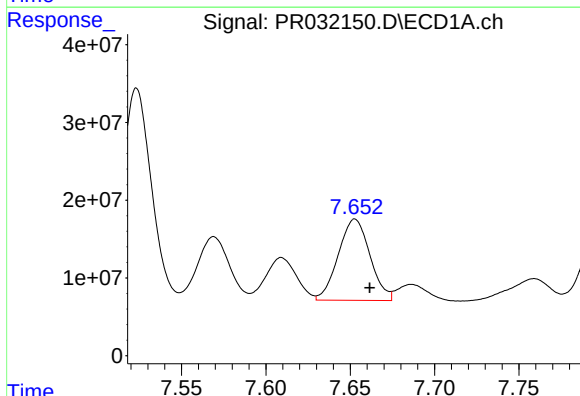
R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 49308157
Conc: 35.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



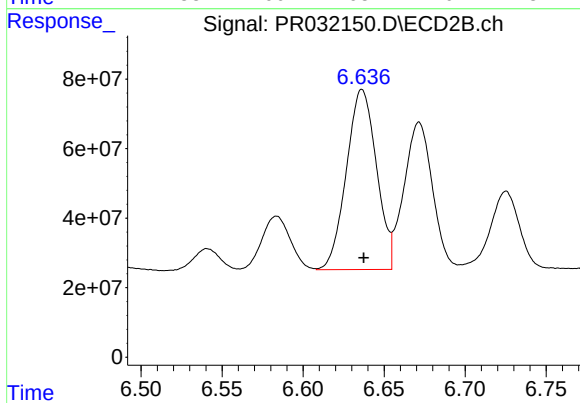
#29 AR-1254-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 69459797
Conc: 36.89 ng/ml



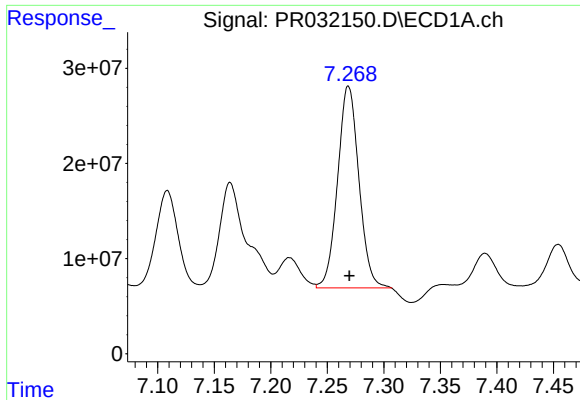
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.009 min
Response: 136749807
Conc: 142.90 ng/ml



#30 AR-1254-5

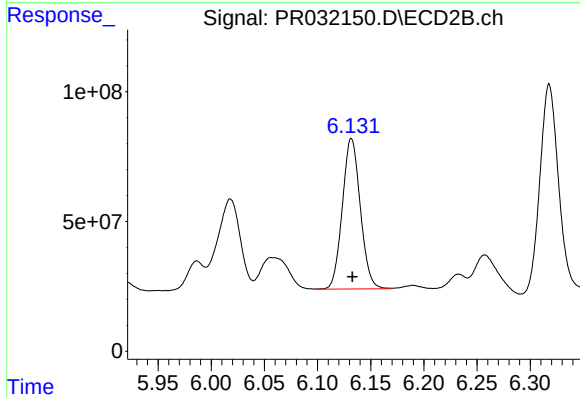
R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 670148053
Conc: 304.35 ng/ml



#31 AR-1260-1

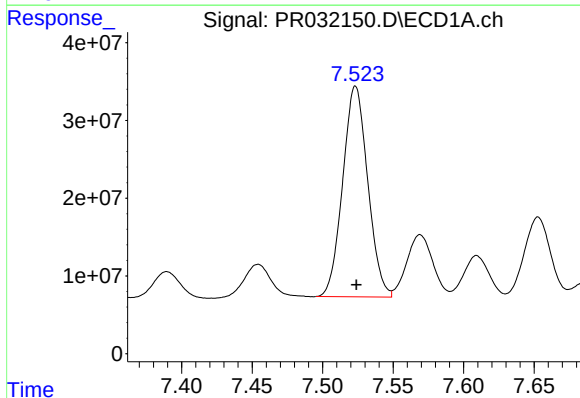
R.T.: 7.269 min
Delta R.T.: -0.001 min
Response: 278150836
Conc: 212.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



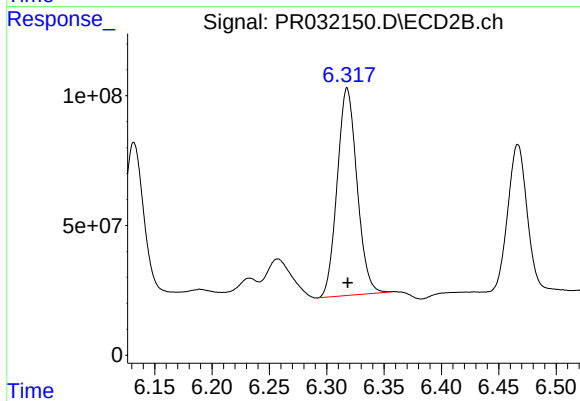
#31 AR-1260-1

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 682875724
Conc: 206.16 ng/ml



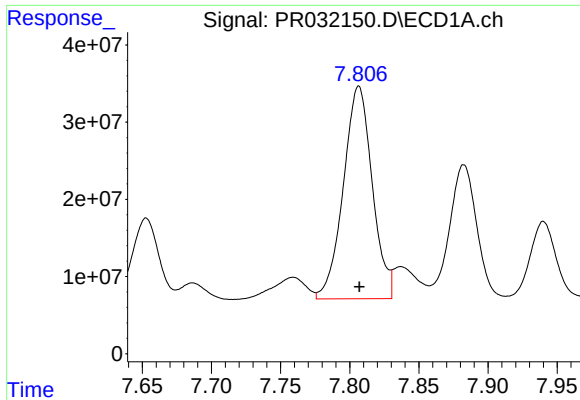
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 335145841
Conc: 202.44 ng/ml



#32 AR-1260-2

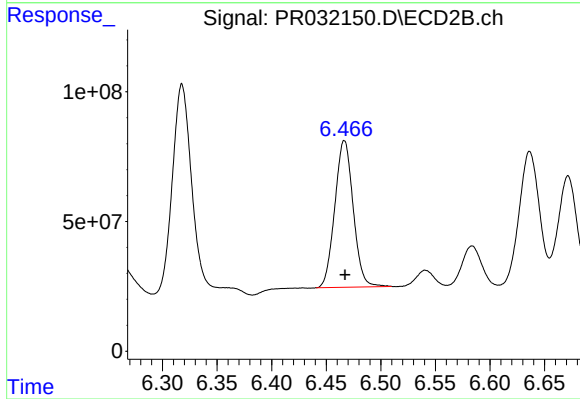
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 963419378
Conc: 235.71 ng/ml



#33 AR-1260-3

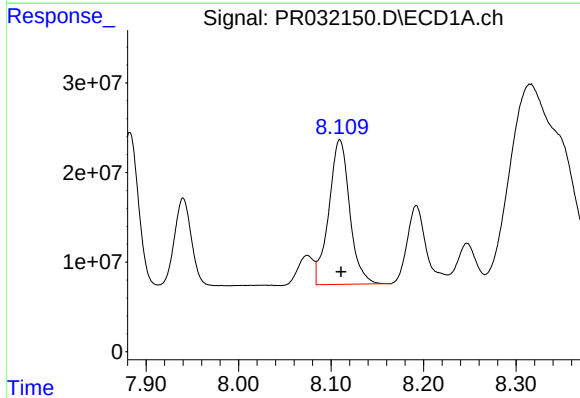
R.T.: 7.807 min
Delta R.T.: 0.000 min
Response: 400801419
Conc: 208.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



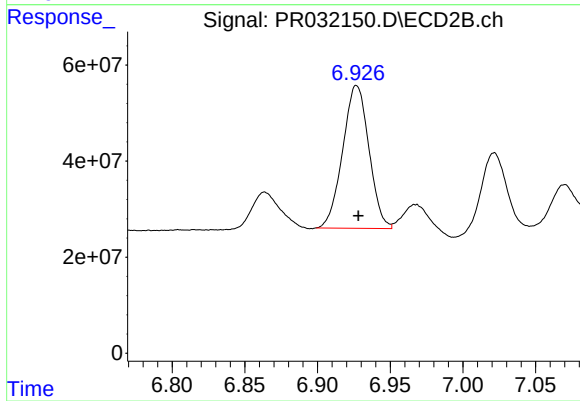
#33 AR-1260-3

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 664648015
Conc: 203.00 ng/ml



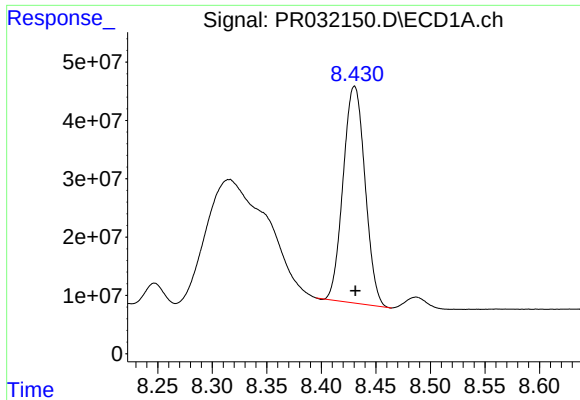
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.001 min
Response: 252681763
Conc: 183.05 ng/ml



#34 AR-1260-4

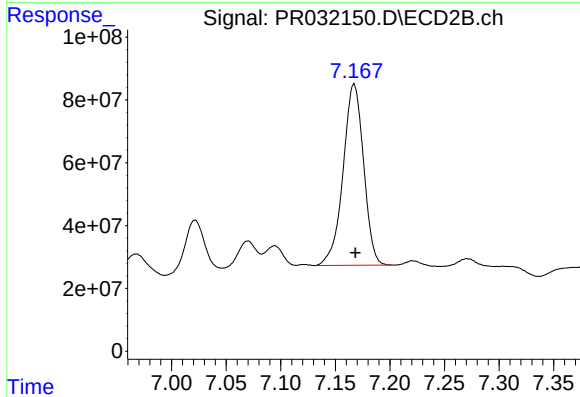
R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 374172469
Conc: 186.60 ng/ml



#35 AR-1260-5

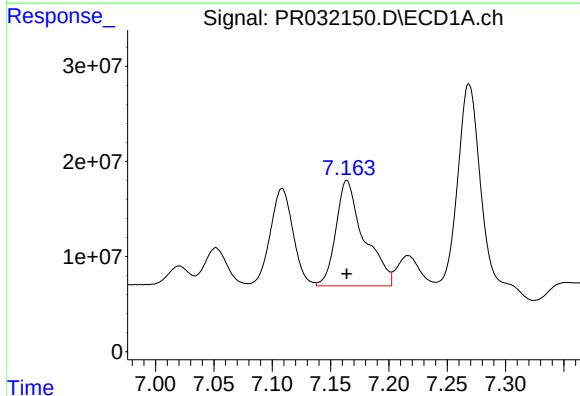
R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 518487190
Conc: 169.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



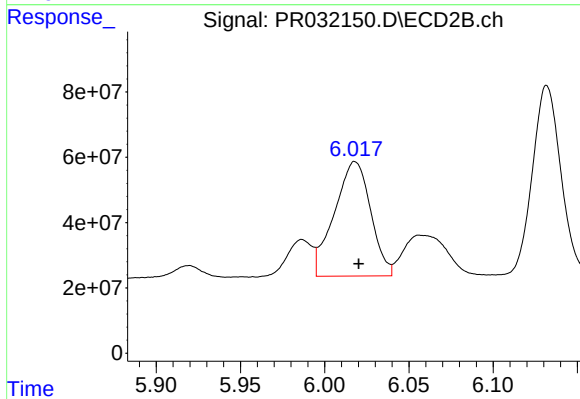
#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 755955327
Conc: 185.18 ng/ml



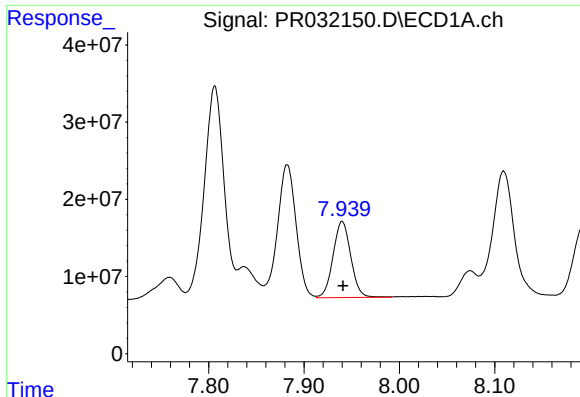
#36 AR-1262-1

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 185655707
Conc: 244.35 ng/ml



#36 AR-1262-1

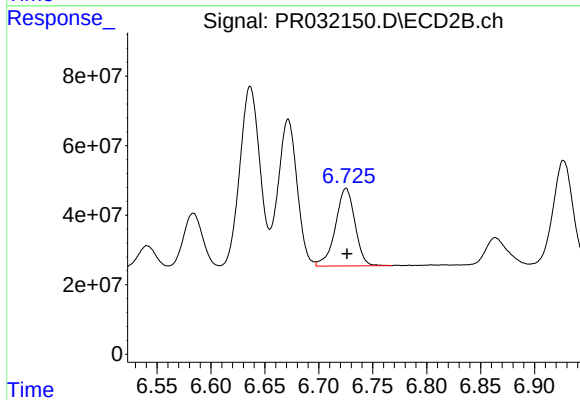
R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 526783651
Conc: 304.56 ng/ml



#37 AR-1262-2

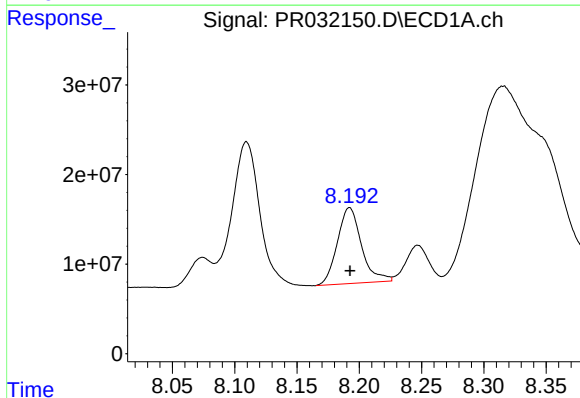
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 127668232
Conc: 180.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



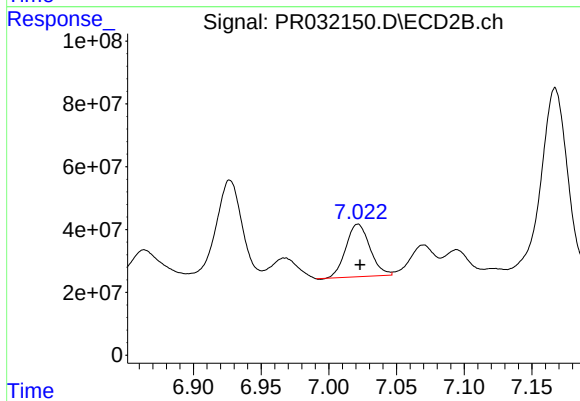
#37 AR-1262-2

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 281559890
Conc: 198.03 ng/ml



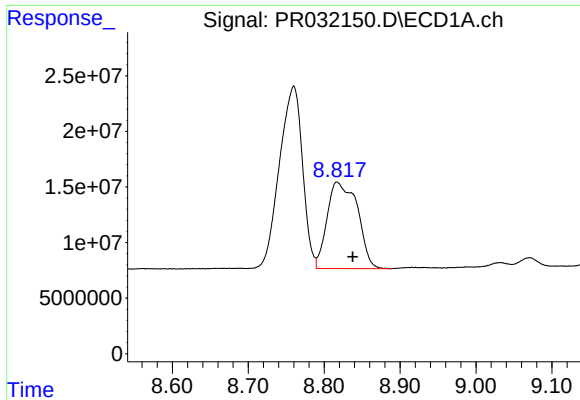
#38 AR-1262-3

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 114296796
Conc: 188.05 ng/ml



#38 AR-1262-3

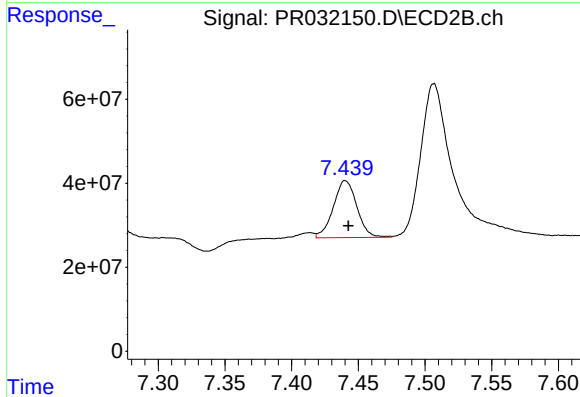
R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 206553046
Conc: 203.11 ng/ml



#39 AR-1262-4

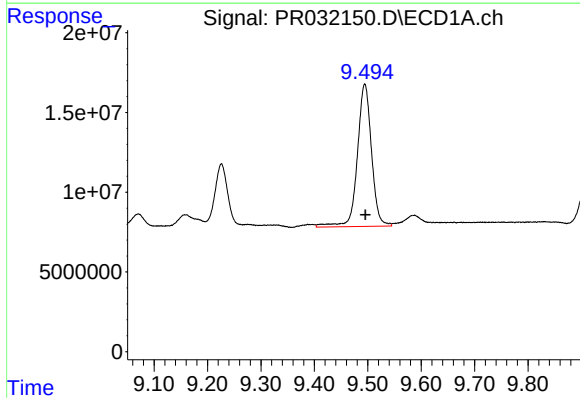
R.T.: 8.817 min
Delta R.T.: -0.021 min
Response: 216347185
Conc: 119.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



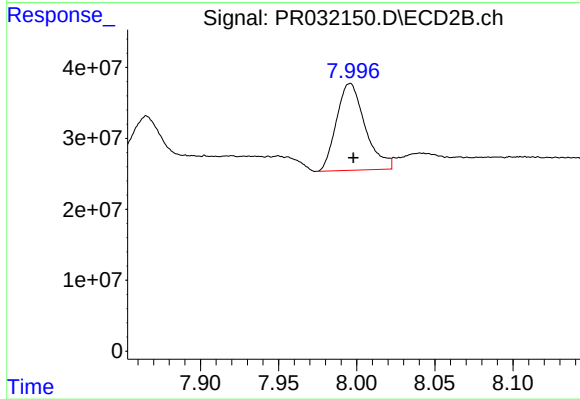
#39 AR-1262-4

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 166768777
Conc: 98.57 ng/ml



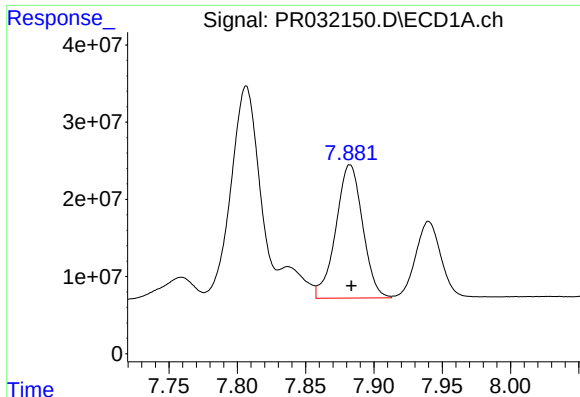
#40 AR-1262-5

R.T.: 9.494 min
Delta R.T.: -0.002 min
Response: 164620550
Conc: 121.56 ng/ml



#40 AR-1262-5

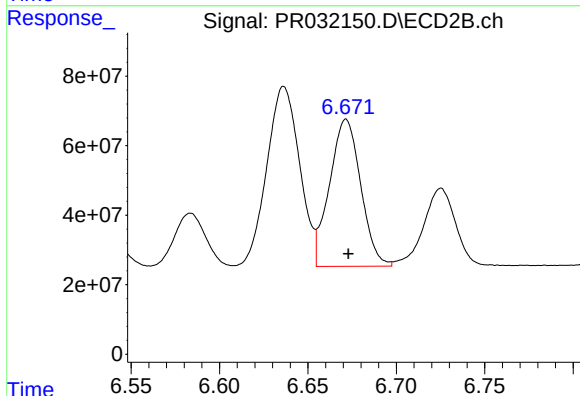
R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 156276009
Conc: 148.21 ng/ml



#41 AR-1268-1

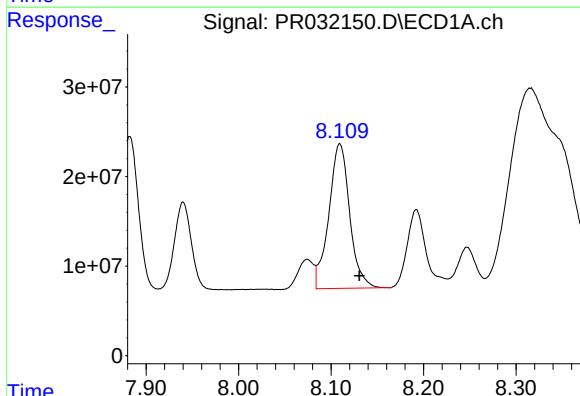
R.T.: 7.883 min
Delta R.T.: -0.001 min
Response: 235910951
Conc: 333.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



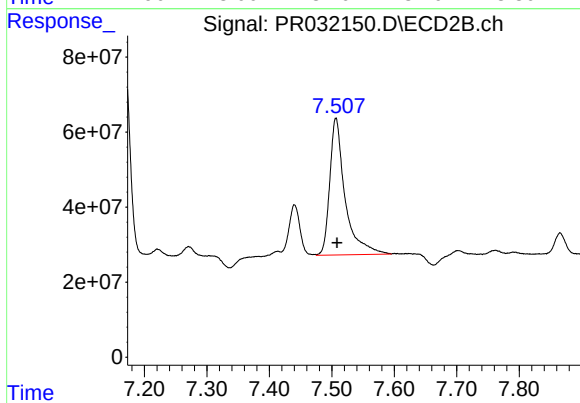
#41 AR-1268-1

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 519909188
Conc: 371.15 ng/ml



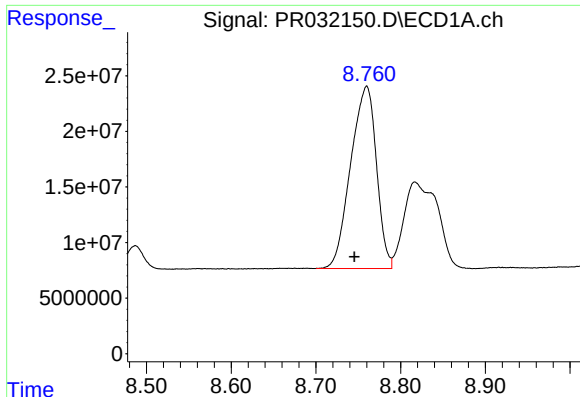
#42 AR-1268-2

R.T.: 8.109 min
Delta R.T.: -0.021 min
Response: 252681763
Conc: 273.28 ng/ml



#42 AR-1268-2

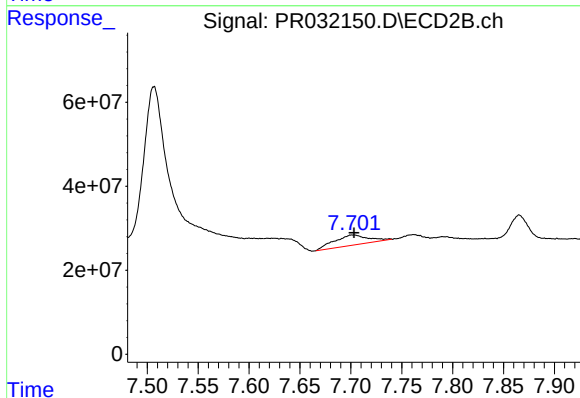
R.T.: 7.507 min
Delta R.T.: -0.002 min
Response: 620488667
Conc: 103.52 ng/ml



#43 AR-1268-3

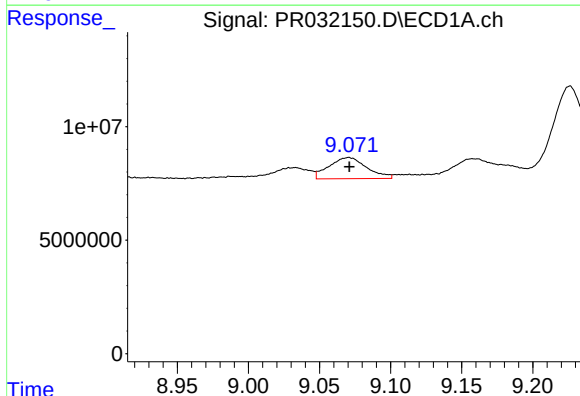
R.T.: 8.760 min
Delta R.T.: 0.015 min
Response: 346409713
Conc: 81.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



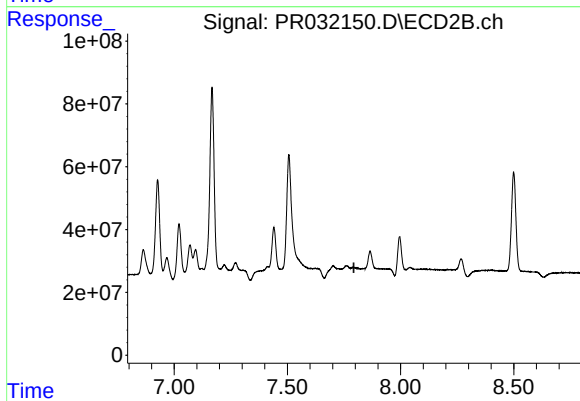
#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 58879301
Conc: 20.93 ng/ml



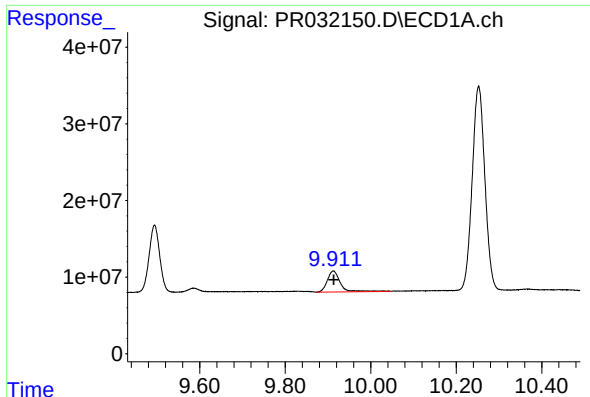
#44 AR-1268-4

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 17222942
Conc: 5.02 ng/ml



#44 AR-1268-4

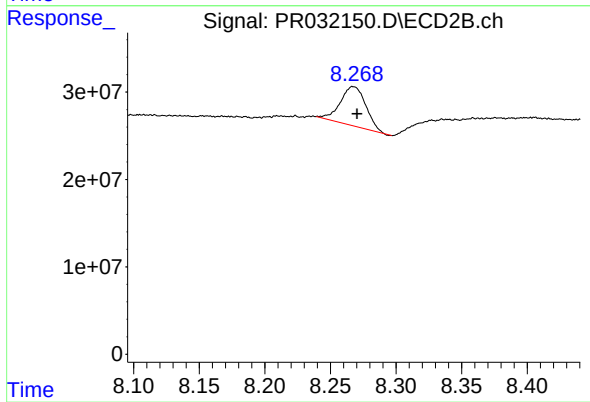
R.T.: 7.791 min
Delta R.T.: -0.003 min
Response: -2336554
Conc: N.D.



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 57312063
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.003 min
Response: 61136740
Conc: 8.46 ng/ml