

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030321\
 Data File : PR049546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2021 17:57
 Operator : AJ\MA
 Sample : M1537-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:35:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 02 08:11:13 2021
 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...	4.665	3.850	52454433	96173093	19.788	30.559 #
2)	SA Decachlor...	10.545	8.902	48133758	167.3E6	16.945	18.423
Target Compounds							
3)	L1 AR-1016-1	5.840	4.934	158.1E6	10782206	1566.722	179.845 #
4)	L1 AR-1016-2	5.862	4.952	221.9E6	70177900	1529.074	499.599 #
5)	L1 AR-1016-3	5.925	5.126	273.4E6	52376942	3086.709	651.691 #
6)	L1 AR-1016-4	6.025	5.173	175.4E6	35411302	2452.737	981.014 #
7)	L1 AR-1016-5	6.318	5.380	34773546	46505761	497.095	819.515 #
8)	L2 AR-1221-1	4.881	4.062	55363354	1720596	1789.415	59.494 #
9)	L2 AR-1221-2	4.961	4.148	49541986	10795248	2125.803	419.533 #
10)	L2 AR-1221-3	5.039	4.223	75831806	49338513	1068.372	620.964 #
11)	L3 AR-1232-1	5.039	4.223	75831806	49338513	1321.435	767.133 #
12)	L3 AR-1232-2	5.572	4.952	280.0E6	70177900	9323.225	1160.580 #
13)	L3 AR-1232-3	5.862	5.126	221.9E6	52376942	3680.861	1542.514 #
14)	L3 AR-1232-4	6.025	5.213	175.4E6	32764738	5815.088	1820.340 #
15)	L3 AR-1232-5	6.112	5.380	85296117	46505761	3647.267	2068.414 #
16)	L4 AR-1242-1	5.840	4.934	158.1E6	10782206	2069.390	216.432 #
17)	L4 AR-1242-2	5.862	4.952	221.9E6	70177900	2030.833	630.942 #
18)	L4 AR-1242-3	5.925	5.126	273.4E6	52376942	4072.960	837.868 #
19)	L4 AR-1242-4	6.025	5.213	175.4E6	32764738	3188.636	873.662 #
21)	L5 AR-1248-1	5.840	4.930	158.1E6	21918319	2697.596	589.701 #
22)	L5 AR-1248-2	6.112	5.173	85296117	35411302	1021.344	791.560
23)	L5 AR-1248-3	6.318	5.213	34773546	32764738	386.826	623.835 #
24)	L5 AR-1248-4	6.697f	5.380	31190501	46505761	280.409	631.163 #
25)	L5 AR-1248-5	6.762	0.000	3689681	0	35.003	N.D. #
27)	L6 AR-1254-2	6.912	5.881	30980183	7761543	183.496	63.463 #
28)	L6 AR-1254-3	7.284	6.301	12458887	85452773	72.104	364.826 #
29)	L6 AR-1254-4	7.569	6.516	10475710	19580203	73.217	54.247 #
30)	L6 AR-1254-5	7.987	6.932	109.2E6	286.7E6	781.283	668.571
31)	L7 AR-1260-1	7.445	6.417	58392628	79896139	458.626	571.742
32)	L7 AR-1260-2	7.699	6.605	78700611	298.5E6	483.859	546.507
33)	L7 AR-1260-3	8.060	6.759	48771062	168.8E6	384.722	539.837 #
34)	L7 AR-1260-4	8.297	7.232	54773273	174.0E6	414.694	464.790
35)	L7 AR-1260-5	8.631	7.475	116.2E6	685.6E6	418.683	507.424
36)	L8 AR-1262-1	8.060	6.932	48771062	286.7E6	281.162	1253.235 #
37)	L8 AR-1262-2	8.631	7.475	116.2E6	685.6E6	390.263	455.693
38)	L8 AR-1262-3	8.981f	7.759	73462389	120.5E6	354.977	206.272 #
39)	L8 AR-1262-4	9.035	7.824	42554027	398.0E6	260.644	405.593 #
40)	L8 AR-1262-5	9.750	8.333	30997314	126.9E6	262.447	285.139
41)	L9 AR-1268-1	8.981f	7.759	73462389	120.5E6	203.553	70.197 #
42)	L9 AR-1268-2	9.035f	7.824	42554027	398.0E6	126.104	273.647 #
43)	L9 AR-1268-3	9.298	8.033	2849002	10631546	9.678	8.259

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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

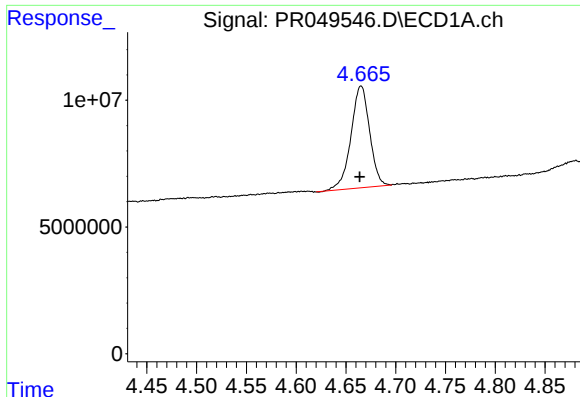
Instrument :
 ECD_R
 ClientSampleId :

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 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:35:47 2021
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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
44) L9	AR-1268-4	9.750	8.333	30997314	126.9E6	244.991	261.307
45) L9	AR-1268-5	10.190	8.637	13999693	39140836	14.532	10.113 #

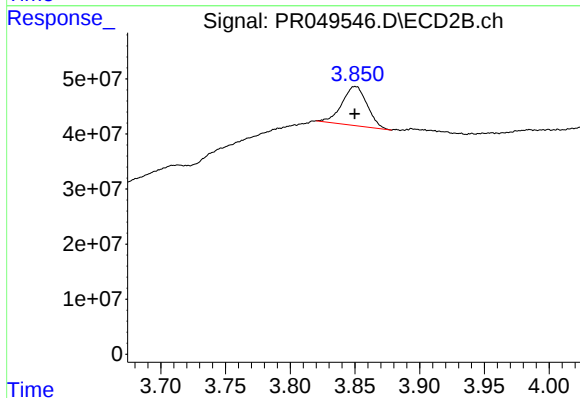
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

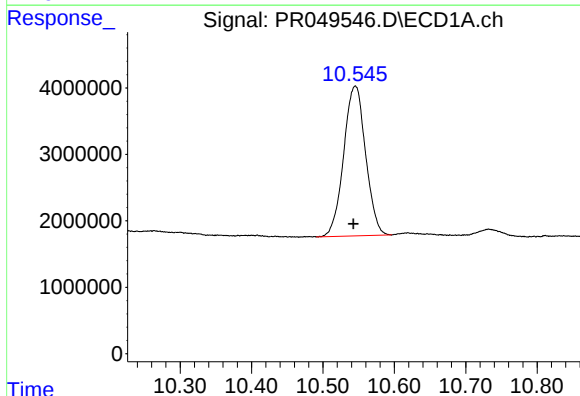
R.T.: 4.665 min
Delta R.T.: 0.001 min
Response: 52454433
Conc: 19.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



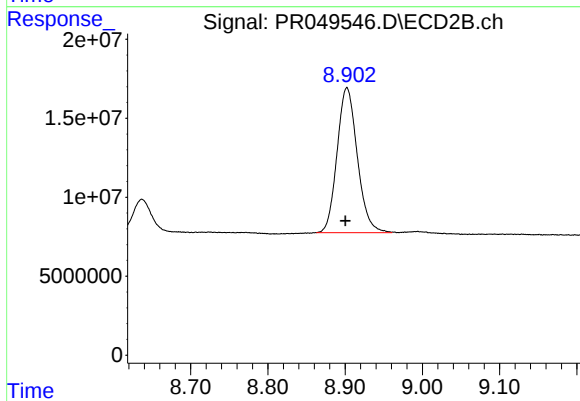
#1 Tetrachloro-m-xylene

R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 96173093
Conc: 30.56 ng/ml



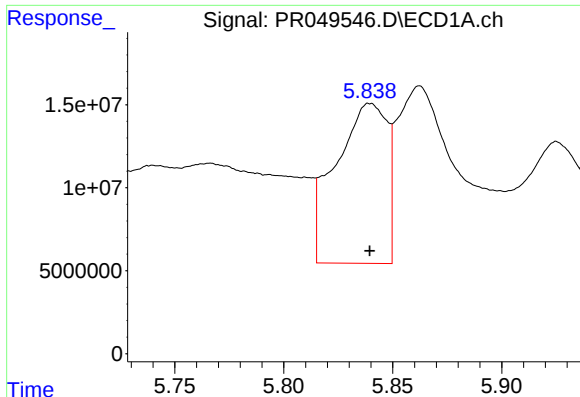
#2 Decachlorobiphenyl

R.T.: 10.545 min
Delta R.T.: 0.003 min
Response: 48133758
Conc: 16.95 ng/ml



#2 Decachlorobiphenyl

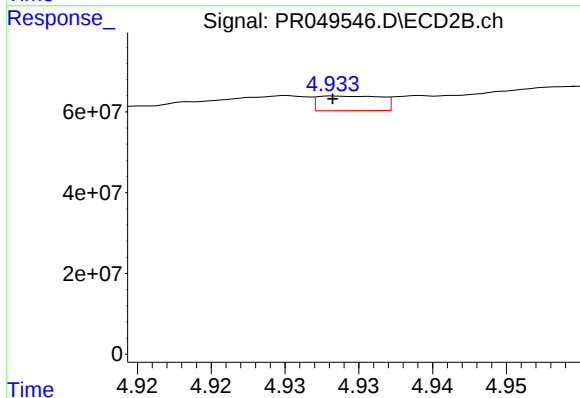
R.T.: 8.902 min
Delta R.T.: 0.002 min
Response: 167273245
Conc: 18.42 ng/ml



#3 AR-1016-1

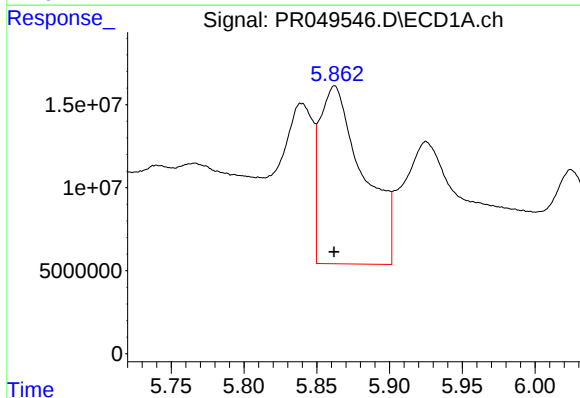
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 158103269
Conc: 1566.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



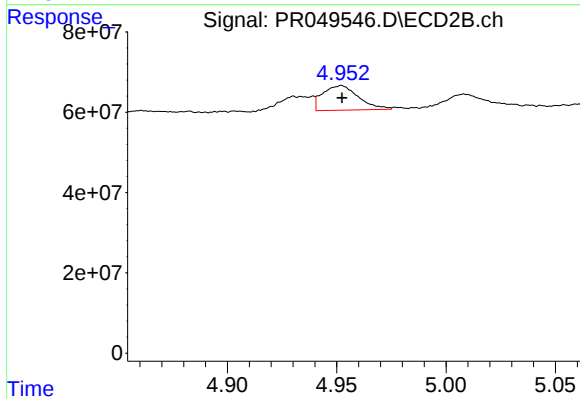
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 10782206
Conc: 179.84 ng/ml



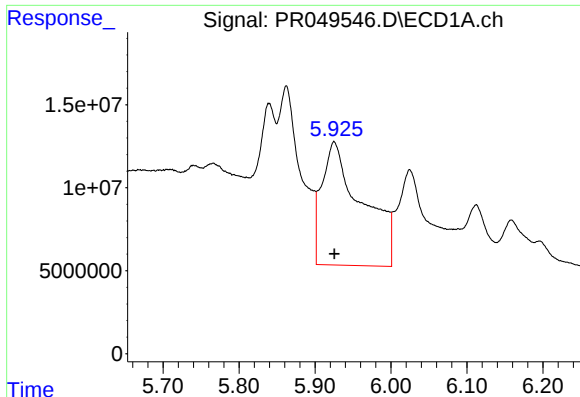
#4 AR-1016-2

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 221876176
Conc: 1529.07 ng/ml



#4 AR-1016-2

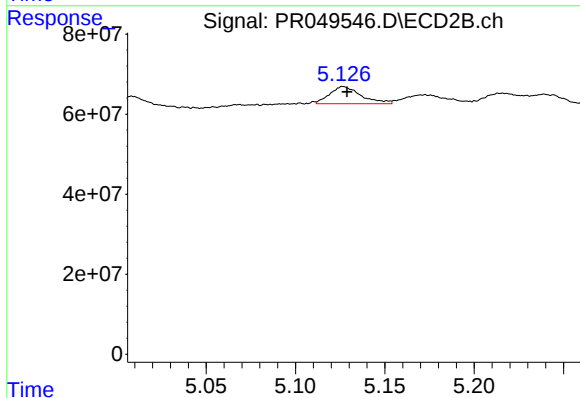
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 70177900
Conc: 499.60 ng/ml



#5 AR-1016-3

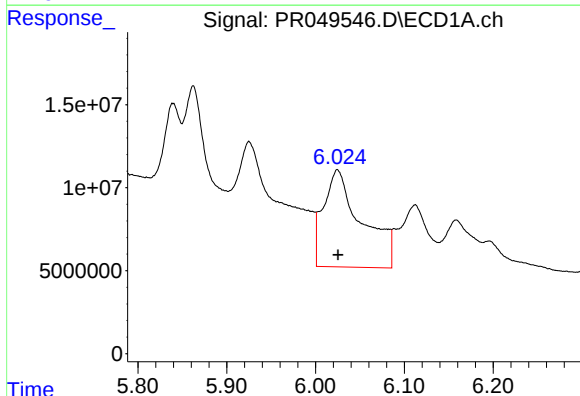
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 273416474
Conc: 3086.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



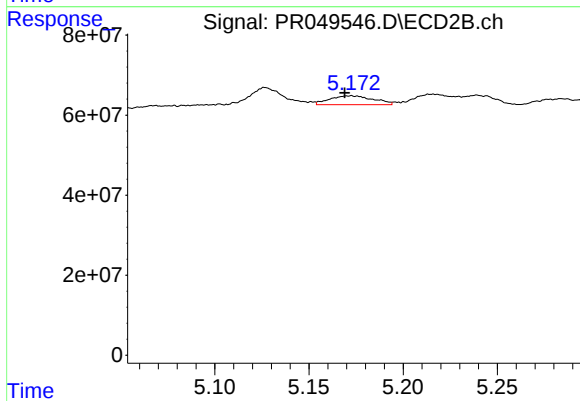
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 52376942
Conc: 651.69 ng/ml



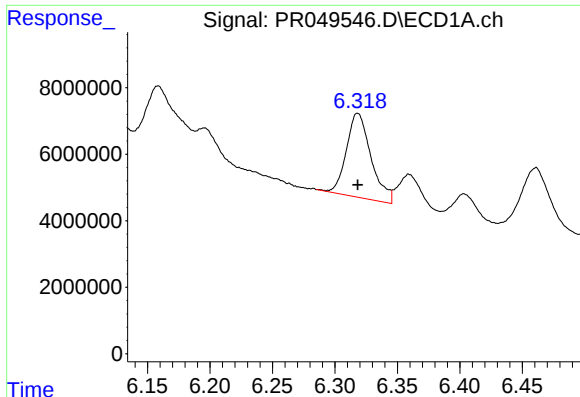
#6 AR-1016-4

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 175428947
Conc: 2452.74 ng/ml



#6 AR-1016-4

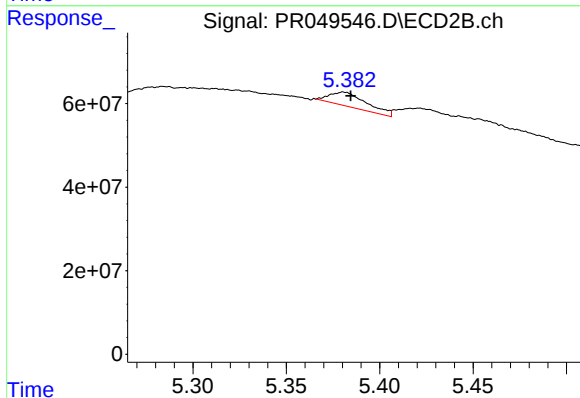
R.T.: 5.173 min
Delta R.T.: 0.004 min
Response: 35411302
Conc: 981.01 ng/ml



#7 AR-1016-5

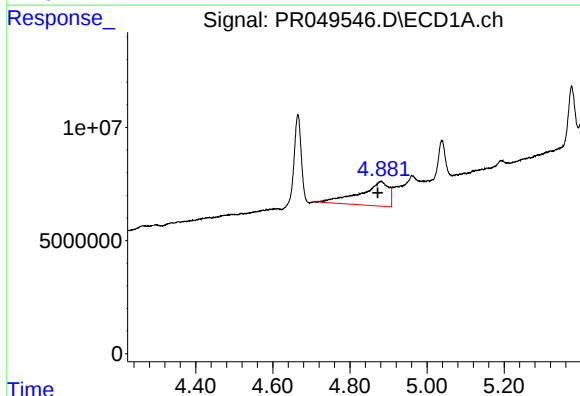
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 34773546
Conc: 497.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



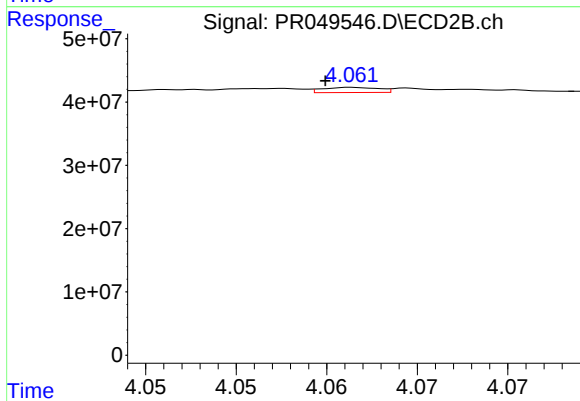
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.004 min
Response: 46505761
Conc: 819.51 ng/ml



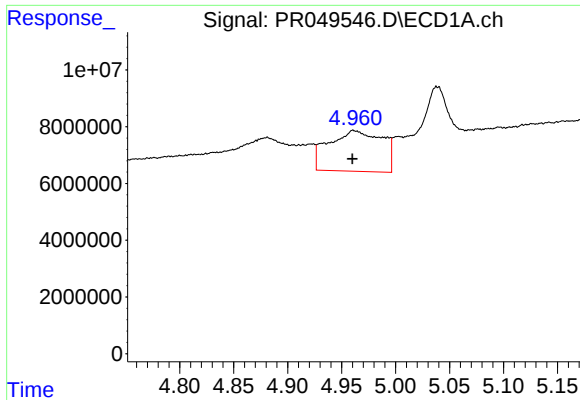
#8 AR-1221-1

R.T.: 4.881 min
Delta R.T.: 0.009 min
Response: 55363354
Conc: 1789.41 ng/ml



#8 AR-1221-1

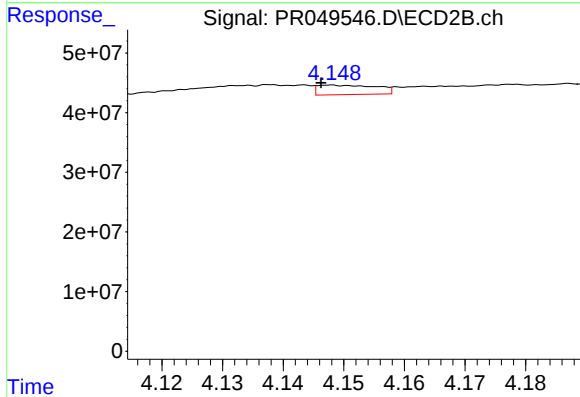
R.T.: 4.062 min
Delta R.T.: 0.002 min
Response: 1720596
Conc: 59.49 ng/ml



#9 AR-1221-2

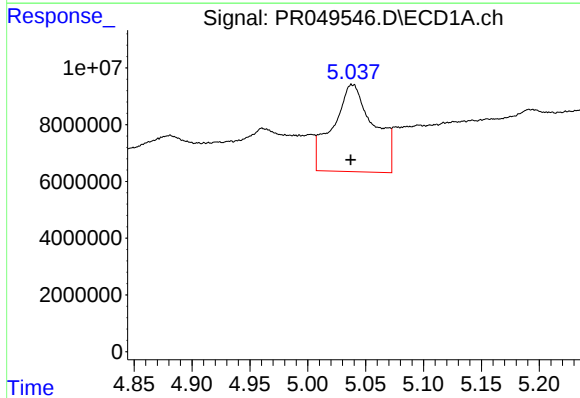
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 49541986
Conc: 2125.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



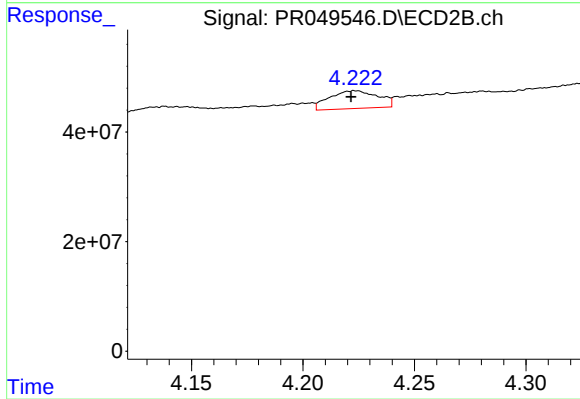
#9 AR-1221-2

R.T.: 4.148 min
Delta R.T.: 0.002 min
Response: 10795248
Conc: 419.53 ng/ml



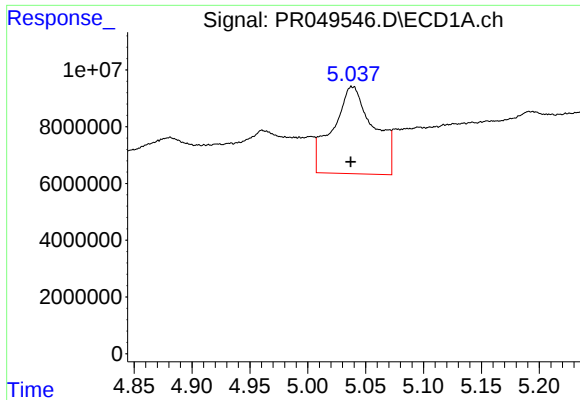
#10 AR-1221-3

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 75831806
Conc: 1068.37 ng/ml



#10 AR-1221-3

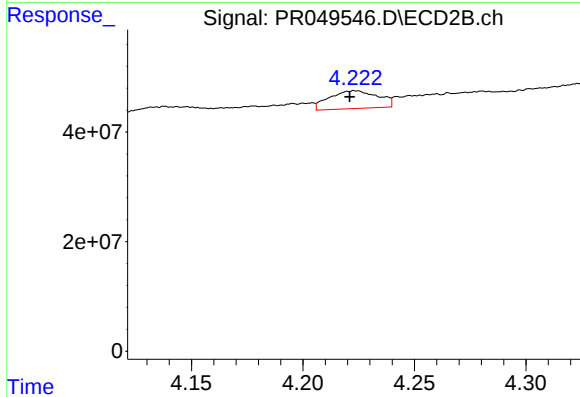
R.T.: 4.223 min
Delta R.T.: 0.001 min
Response: 49338513
Conc: 620.96 ng/ml



#11 AR-1232-1

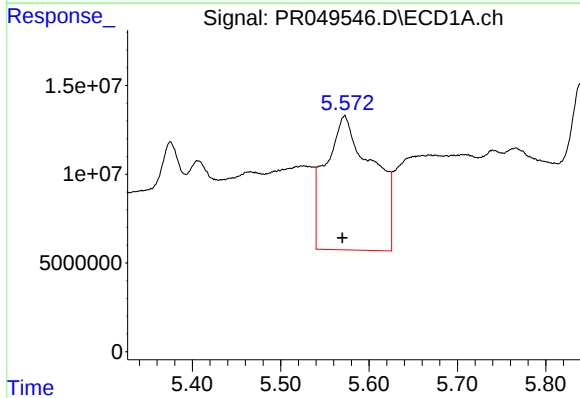
R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 75831806
Conc: 1321.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



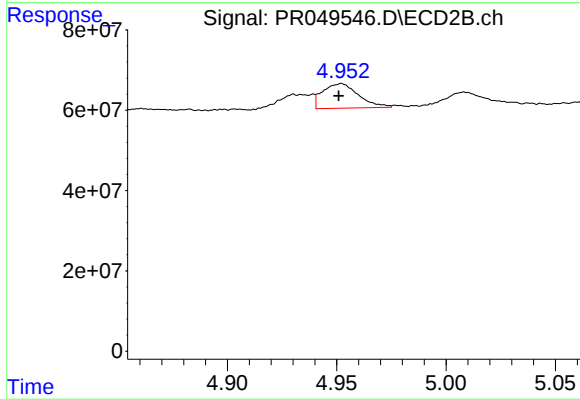
#11 AR-1232-1

R.T.: 4.223 min
Delta R.T.: 0.002 min
Response: 49338513
Conc: 767.13 ng/ml



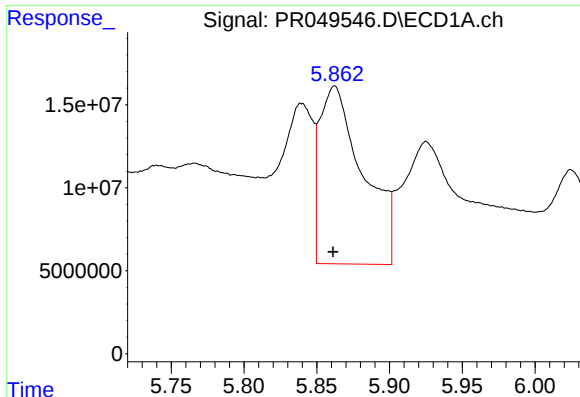
#12 AR-1232-2

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 280044505
Conc: 9323.23 ng/ml



#12 AR-1232-2

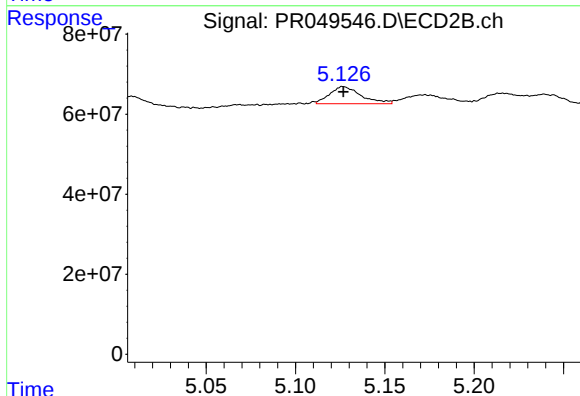
R.T.: 4.952 min
Delta R.T.: 0.001 min
Response: 70177900
Conc: 1160.58 ng/ml



#13 AR-1232-3

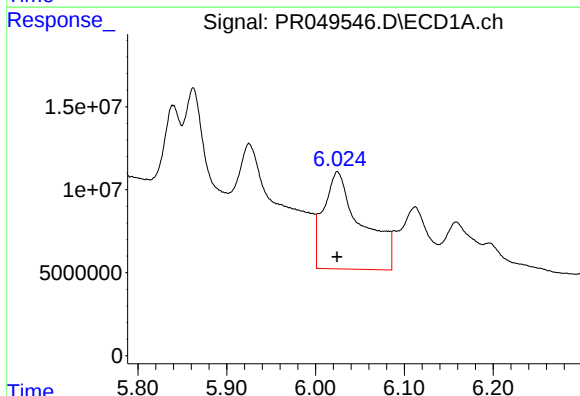
R.T.: 5.862 min
Delta R.T.: 0.001 min
Response: 221876176
Conc: 3680.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



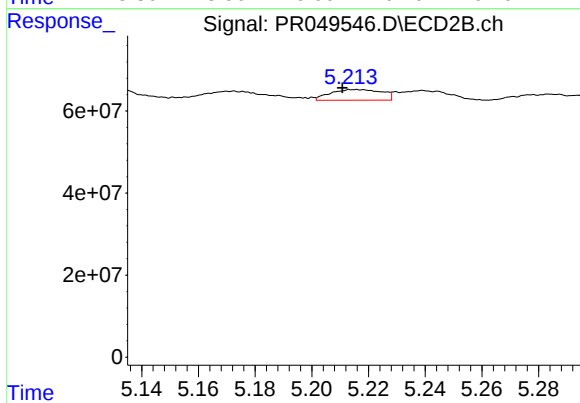
#13 AR-1232-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 52376942
Conc: 1542.51 ng/ml



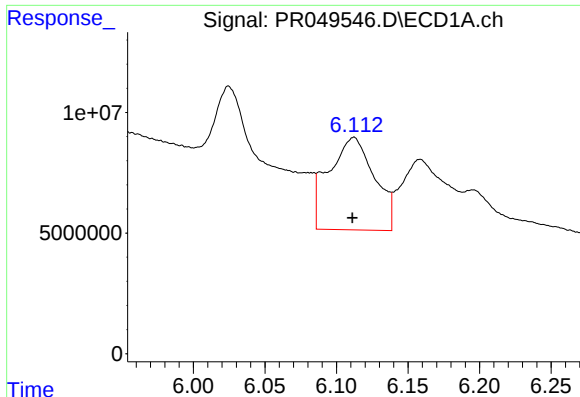
#14 AR-1232-4

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 175428947
Conc: 5815.09 ng/ml



#14 AR-1232-4

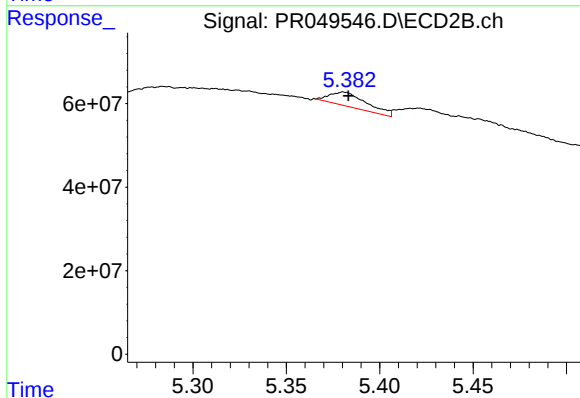
R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 32764738
Conc: 1820.34 ng/ml



#15 AR-1232-5

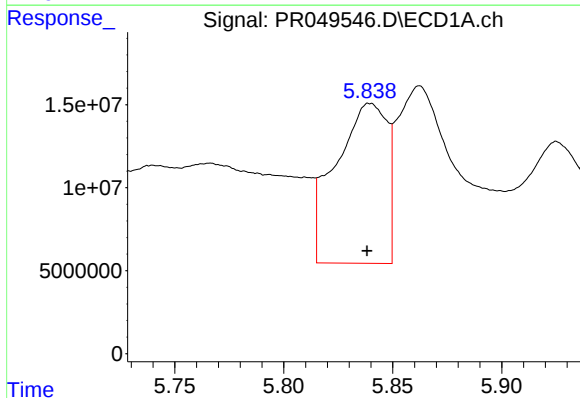
R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 85296117
Conc: 3647.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



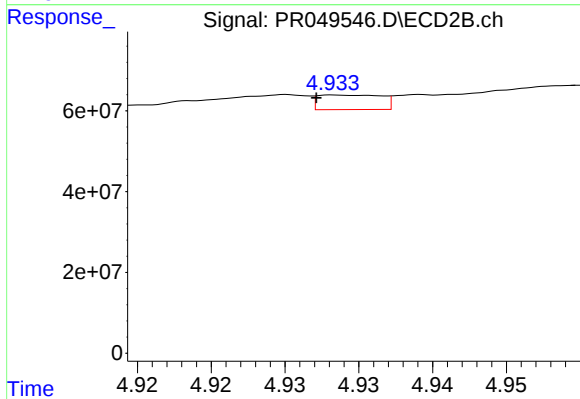
#15 AR-1232-5

R.T.: 5.380 min
Delta R.T.: -0.003 min
Response: 46505761
Conc: 2068.41 ng/ml



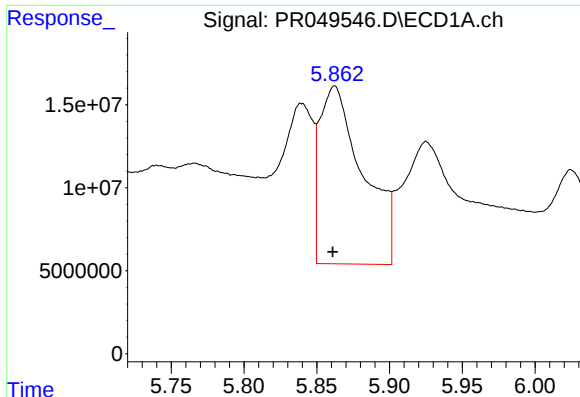
#16 AR-1242-1

R.T.: 5.840 min
Delta R.T.: 0.001 min
Response: 158103269
Conc: 2069.39 ng/ml



#16 AR-1242-1

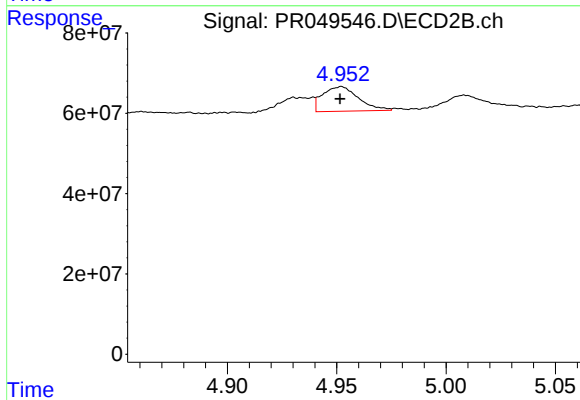
R.T.: 4.934 min
Delta R.T.: 0.001 min
Response: 10782206
Conc: 216.43 ng/ml



#17 AR-1242-2

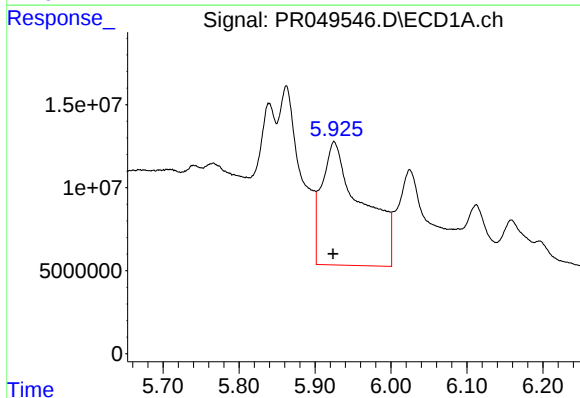
R.T.: 5.862 min
Delta R.T.: 0.001 min
Response: 221876176
Conc: 2030.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



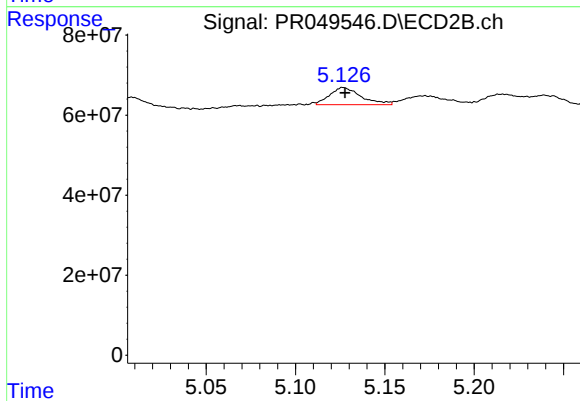
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 70177900
Conc: 630.94 ng/ml



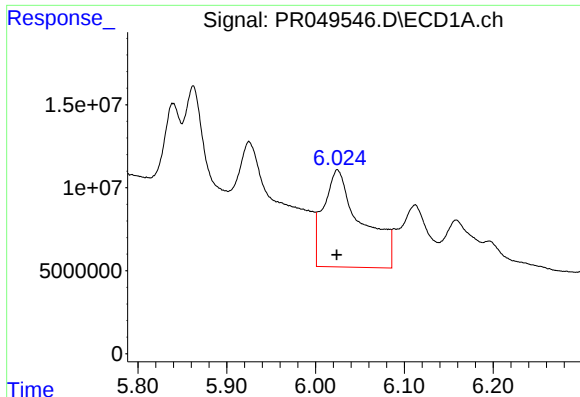
#18 AR-1242-3

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 273416474
Conc: 4072.96 ng/ml



#18 AR-1242-3

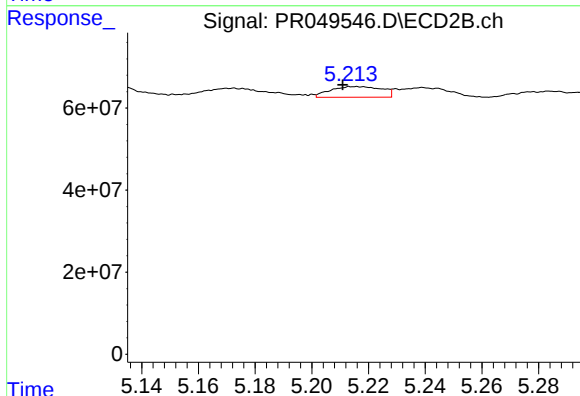
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 52376942
Conc: 837.87 ng/ml



#19 AR-1242-4

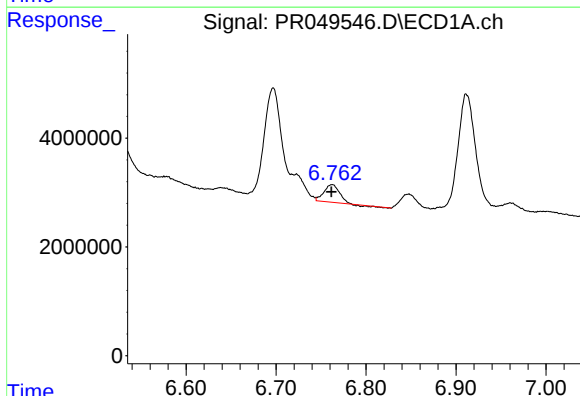
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 175428947
Conc: 3188.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



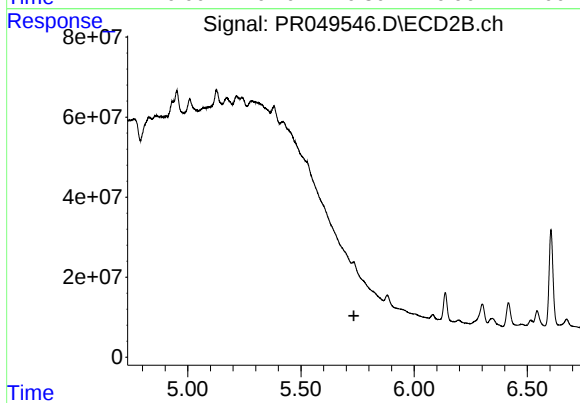
#19 AR-1242-4

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 32764738
Conc: 873.66 ng/ml



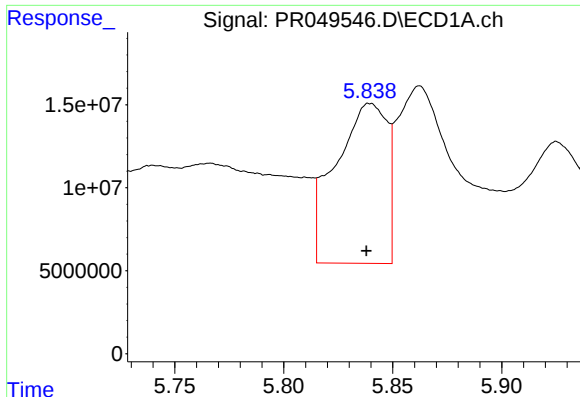
#20 AR-1242-5

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 3689681
Conc: 59.45 ng/ml



#20 AR-1242-5

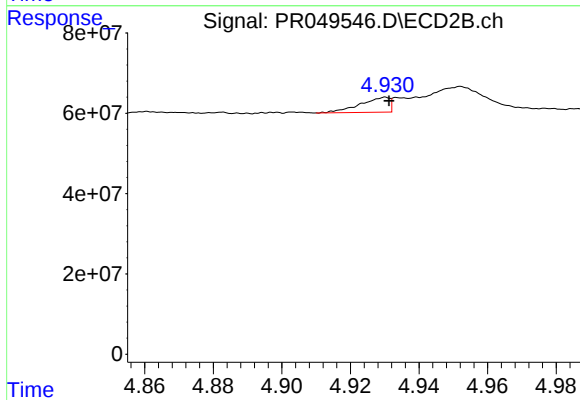
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: -49403888
Conc: N.D.



#21 AR-1248-1

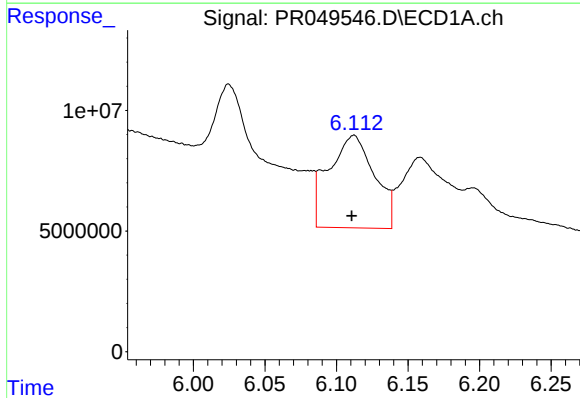
R.T.: 5.840 min
Delta R.T.: 0.002 min
Response: 158103269
Conc: 2697.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



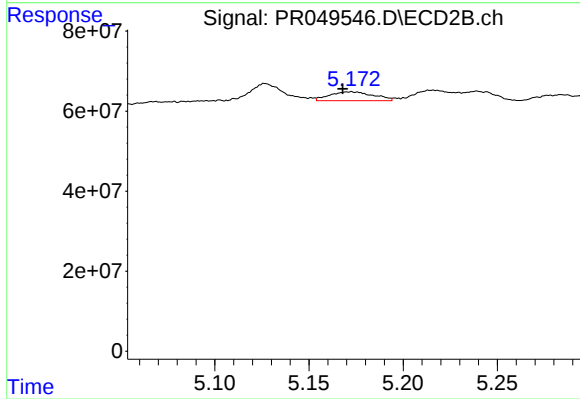
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 21918319
Conc: 589.70 ng/ml



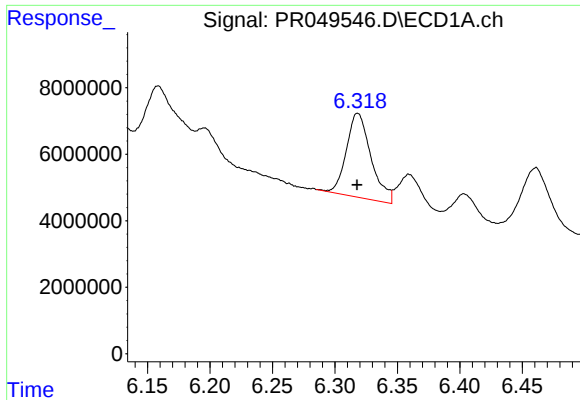
#22 AR-1248-2

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 85296117
Conc: 1021.34 ng/ml



#22 AR-1248-2

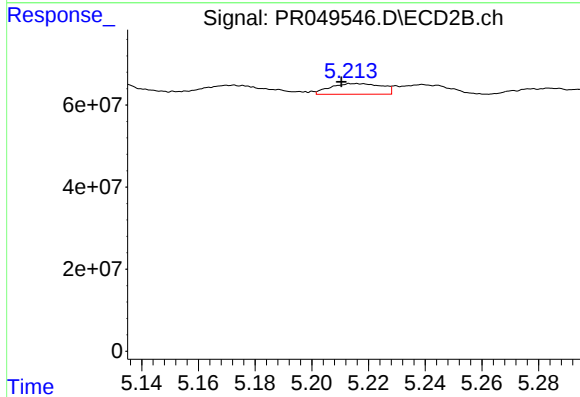
R.T.: 5.173 min
Delta R.T.: 0.005 min
Response: 35411302
Conc: 791.56 ng/ml



#23 AR-1248-3

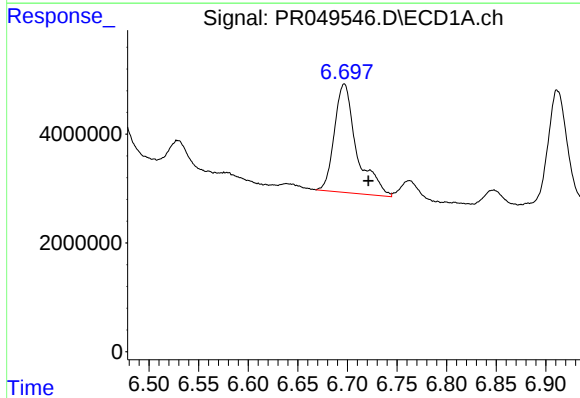
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 34773546
Conc: 386.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



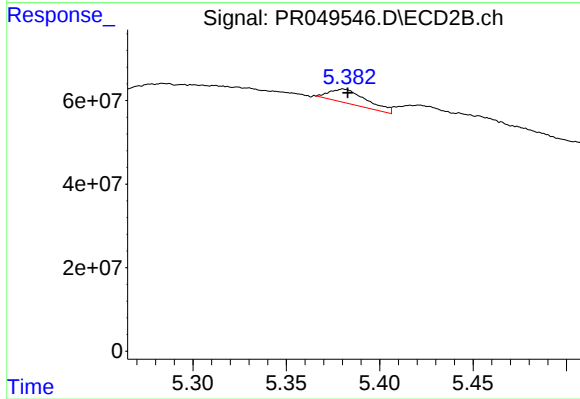
#23 AR-1248-3

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 32764738
Conc: 623.84 ng/ml



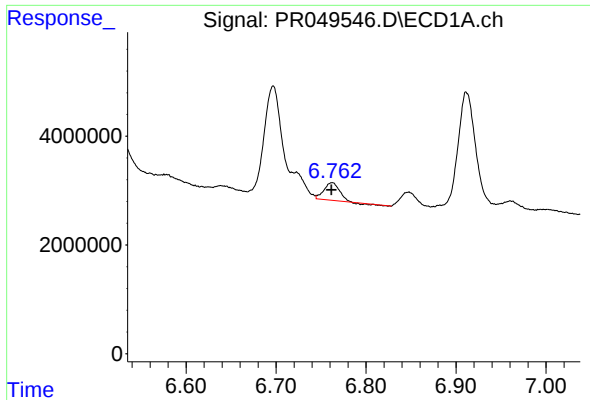
#24 AR-1248-4

R.T.: 6.697 min
Delta R.T.: -0.024 min
Response: 31190501
Conc: 280.41 ng/ml



#24 AR-1248-4

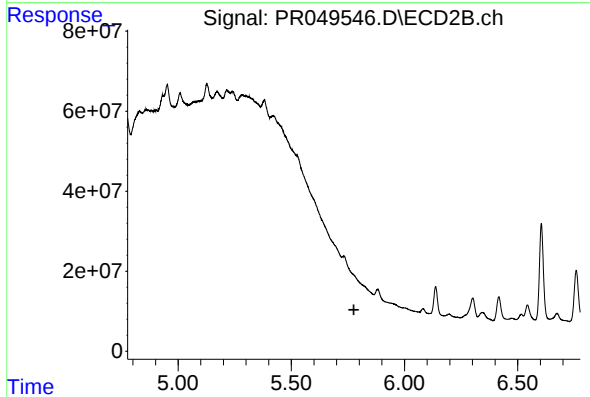
R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 46505761
Conc: 631.16 ng/ml



#25 AR-1248-5

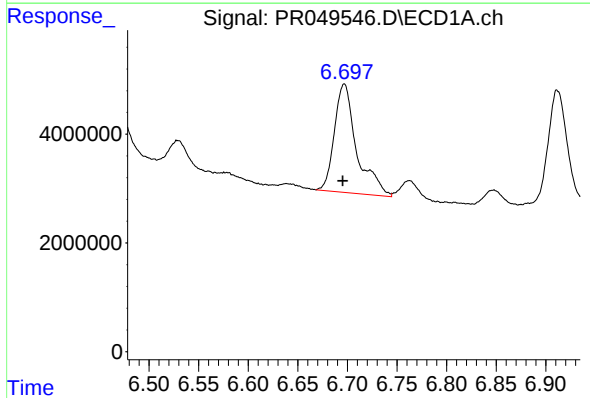
R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 3689681
Conc: 35.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



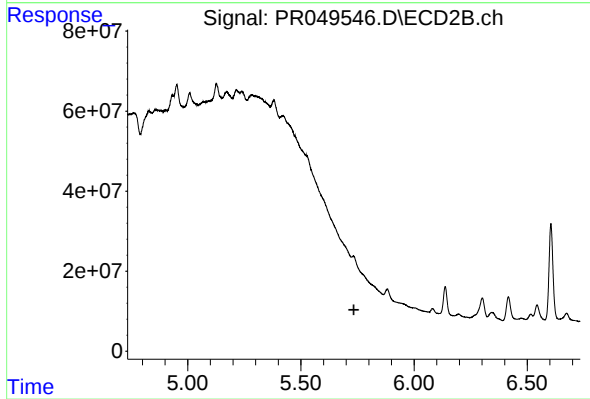
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



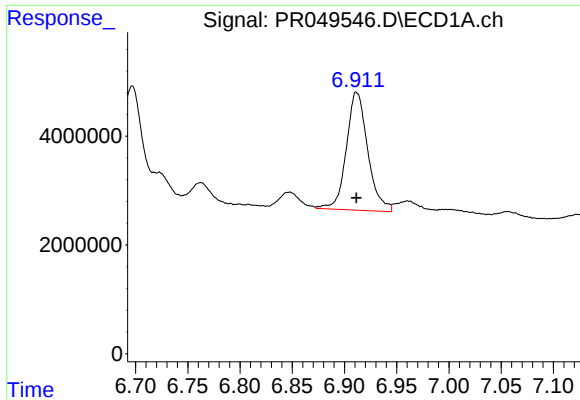
#26 AR-1254-1

R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 31190501
Conc: 285.35 ng/ml



#26 AR-1254-1

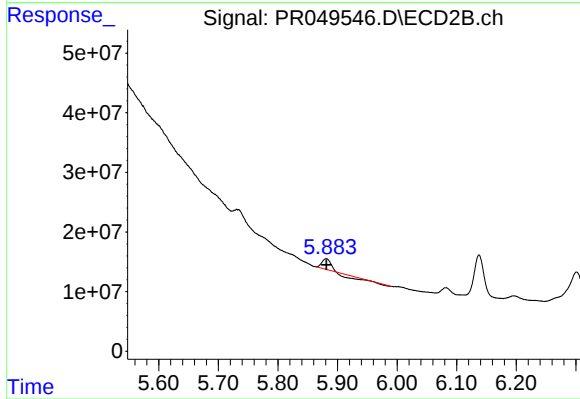
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: -49403888
Conc: N.D.



#27 AR-1254-2

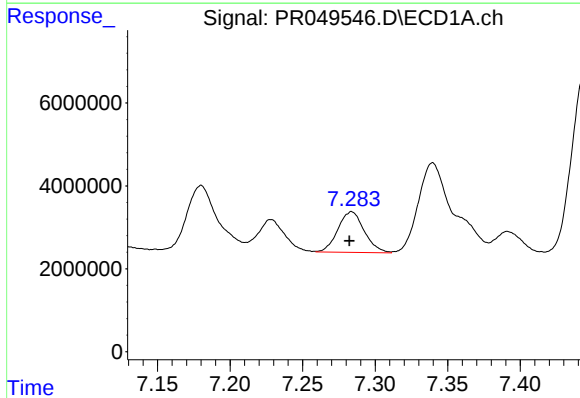
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 30980183
Conc: 183.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



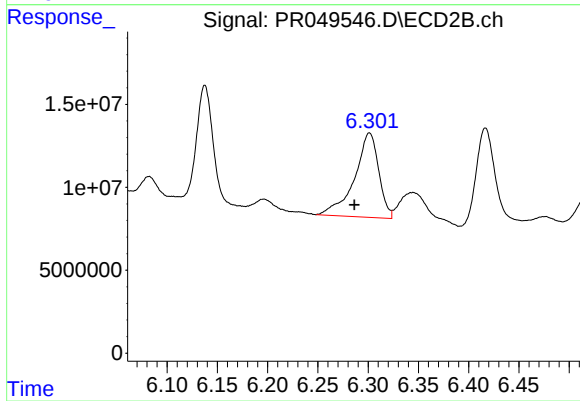
#27 AR-1254-2

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 7761543
Conc: 63.46 ng/ml



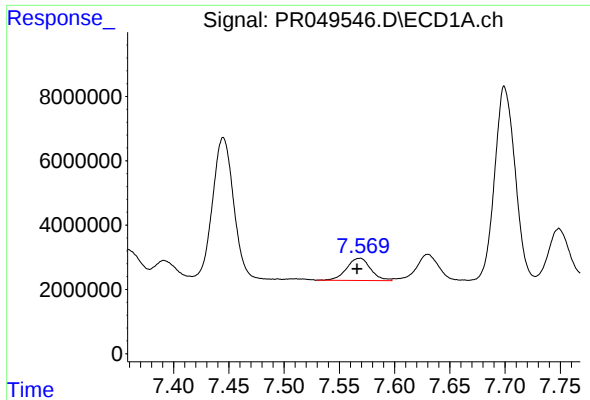
#28 AR-1254-3

R.T.: 7.284 min
Delta R.T.: 0.002 min
Response: 12458887
Conc: 72.10 ng/ml



#28 AR-1254-3

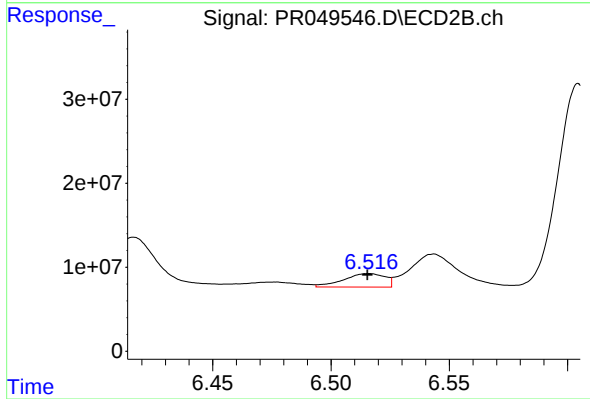
R.T.: 6.301 min
Delta R.T.: 0.015 min
Response: 85452773
Conc: 364.83 ng/ml



#29 AR-1254-4

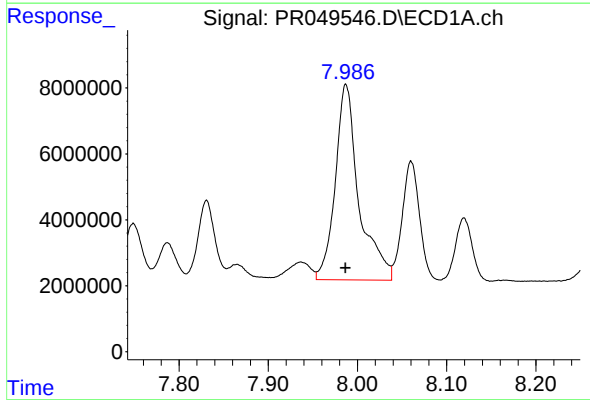
R.T.: 7.569 min
Delta R.T.: 0.003 min
Response: 10475710
Conc: 73.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



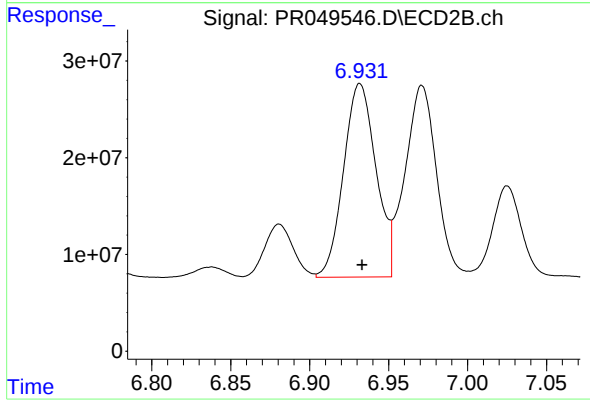
#29 AR-1254-4

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 19580203
Conc: 54.25 ng/ml



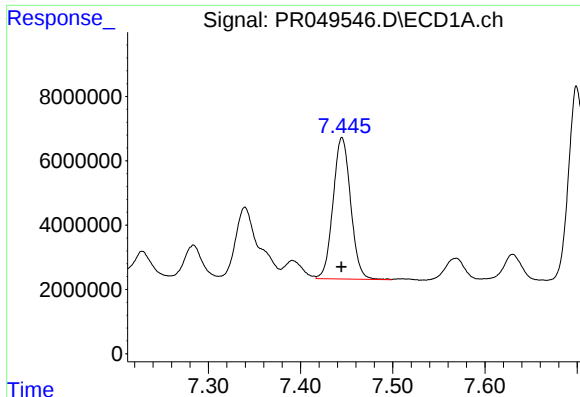
#30 AR-1254-5

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 109160780
Conc: 781.28 ng/ml



#30 AR-1254-5

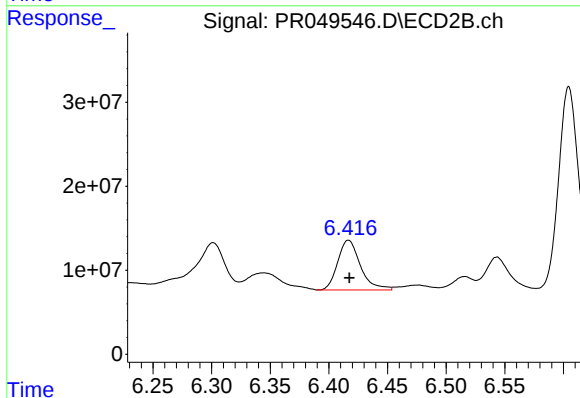
R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 286687118
Conc: 668.57 ng/ml



#31 AR-1260-1

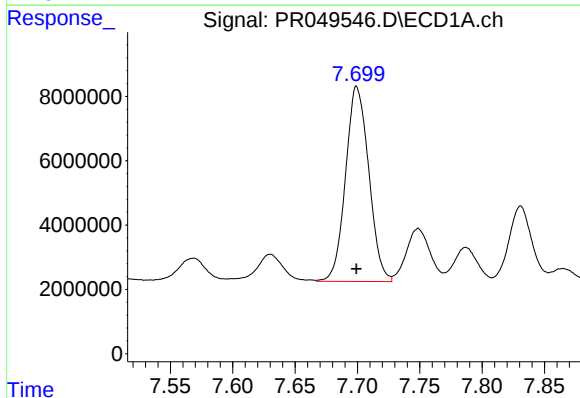
R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 58392628
Conc: 458.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



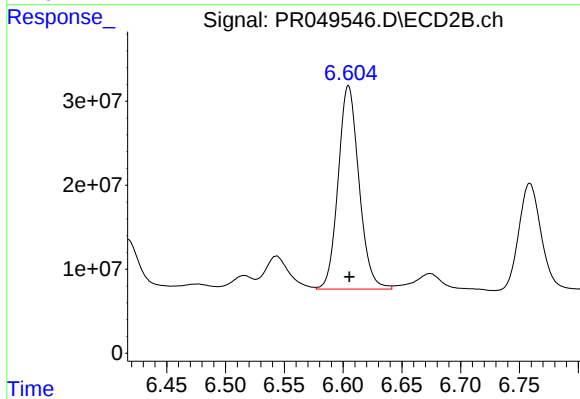
#31 AR-1260-1

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 79896139
Conc: 571.74 ng/ml



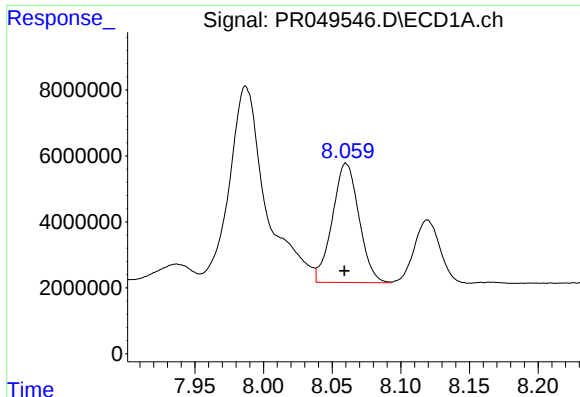
#32 AR-1260-2

R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 78700611
Conc: 483.86 ng/ml



#32 AR-1260-2

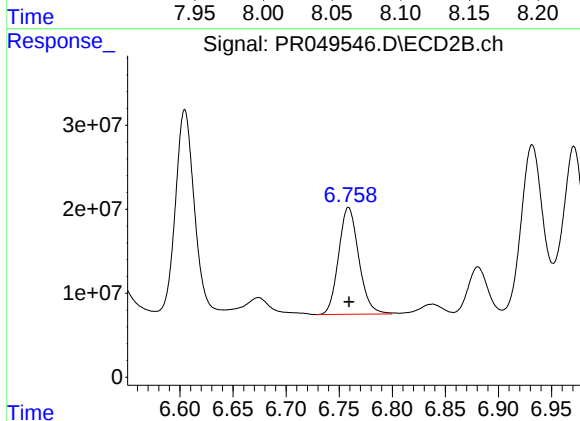
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 298457027
Conc: 546.51 ng/ml



#33 AR-1260-3

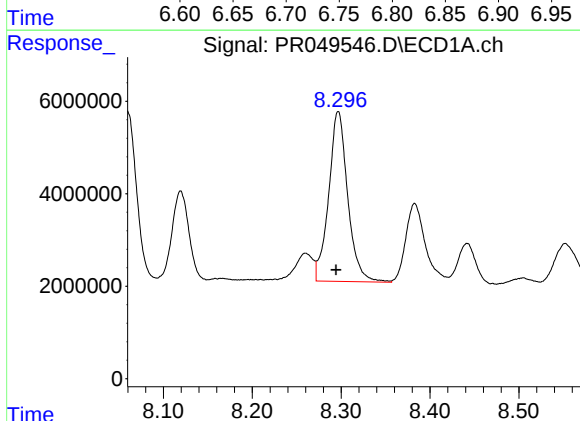
R.T.: 8.060 min
Delta R.T.: 0.001 min
Response: 48771062
Conc: 384.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



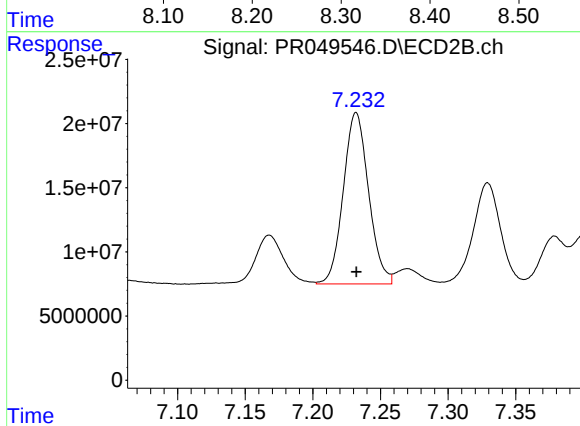
#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 168763174
Conc: 539.84 ng/ml



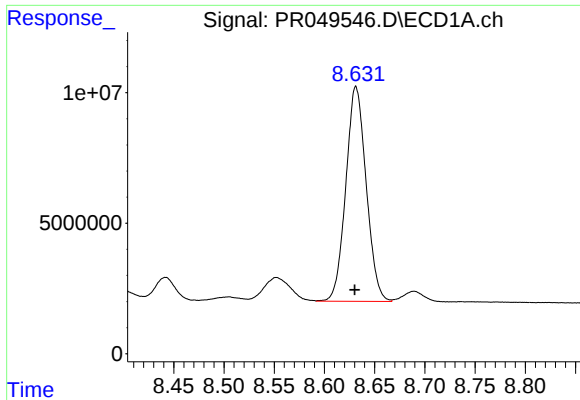
#34 AR-1260-4

R.T.: 8.297 min
Delta R.T.: 0.003 min
Response: 54773273
Conc: 414.69 ng/ml



#34 AR-1260-4

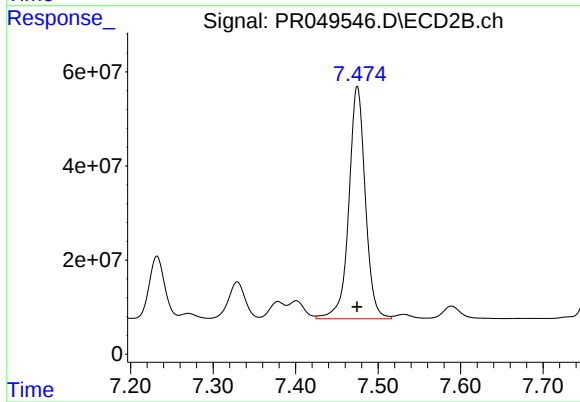
R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 173971877
Conc: 464.79 ng/ml



#35 AR-1260-5

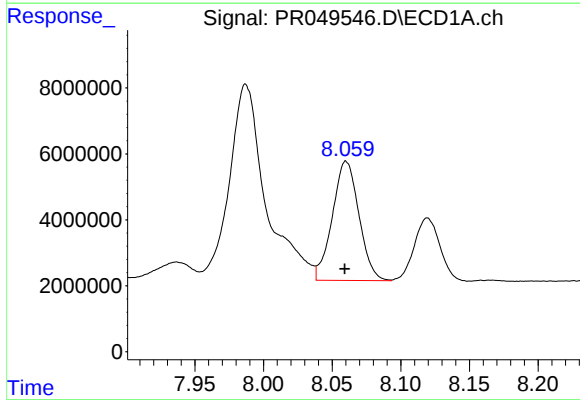
R.T.: 8.631 min
Delta R.T.: 0.001 min
Response: 116210799
Conc: 418.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



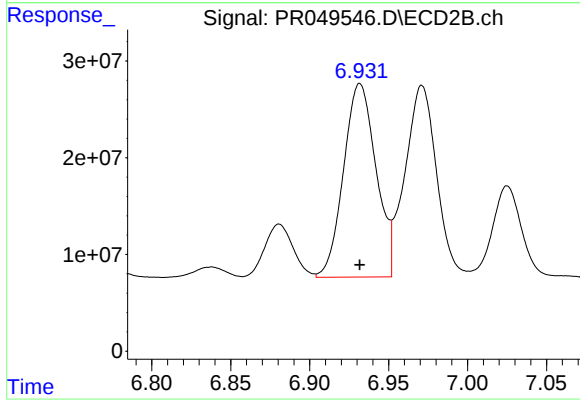
#35 AR-1260-5

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 685627886
Conc: 507.42 ng/ml



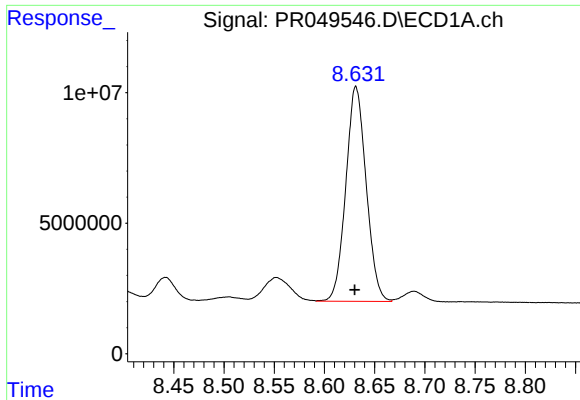
#36 AR-1262-1

R.T.: 8.060 min
Delta R.T.: 0.001 min
Response: 48771062
Conc: 281.16 ng/ml



#36 AR-1262-1

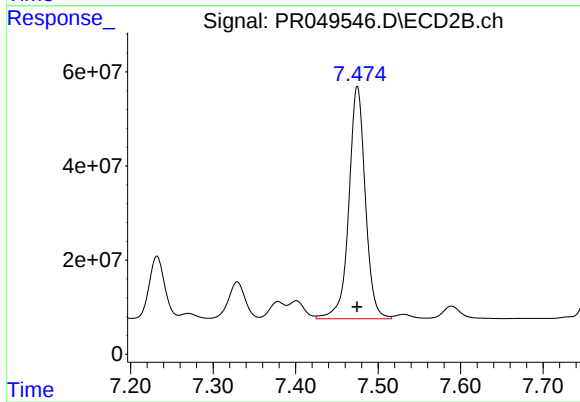
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 286687118
Conc: 1253.24 ng/ml



#37 AR-1262-2

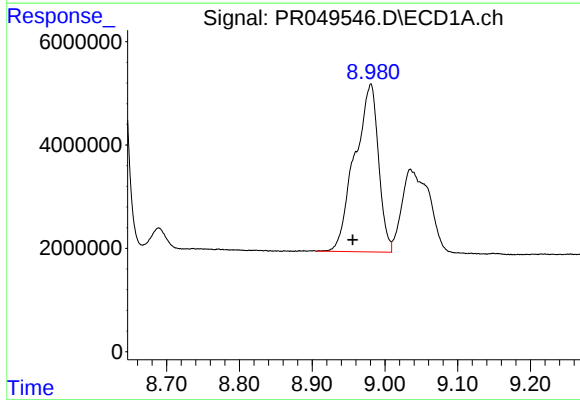
R.T.: 8.631 min
Delta R.T.: 0.001 min
Response: 116210799
Conc: 390.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



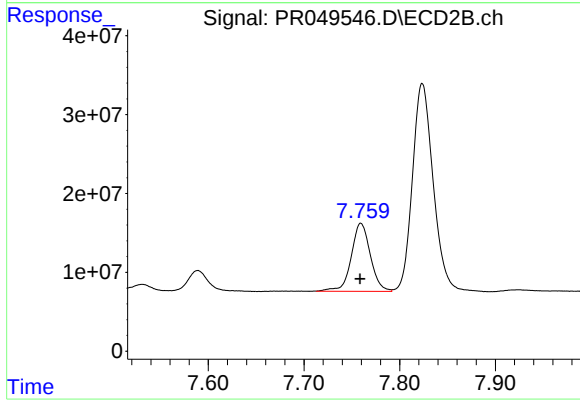
#37 AR-1262-2

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 685627886
Conc: 455.69 ng/ml



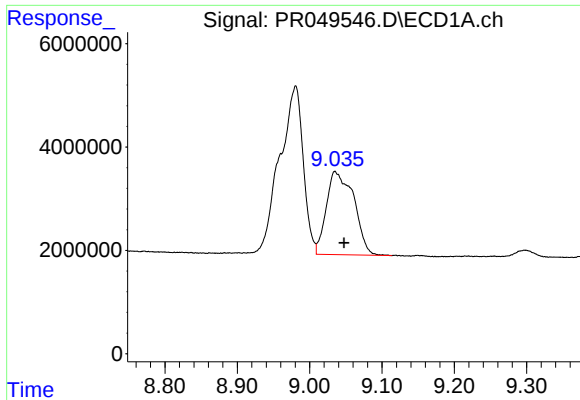
#38 AR-1262-3

R.T.: 8.981 min
Delta R.T.: 0.025 min
Response: 73462389
Conc: 354.98 ng/ml



#38 AR-1262-3

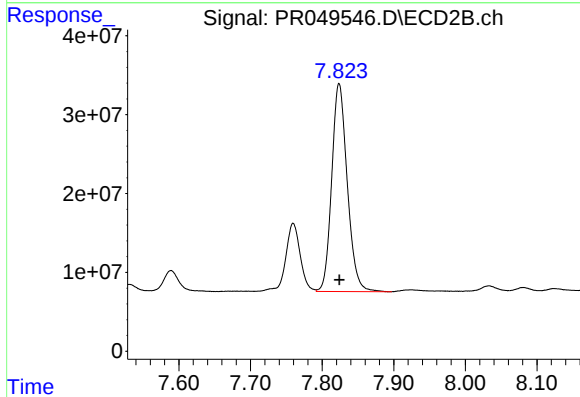
R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 120456930
Conc: 206.27 ng/ml



#39 AR-1262-4

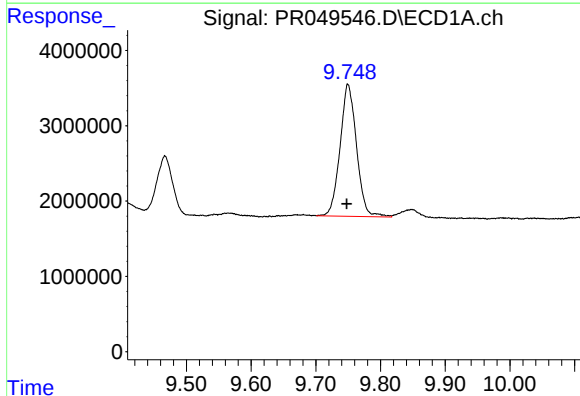
R.T.: 9.035 min
Delta R.T.: -0.013 min
Response: 42554027
Conc: 260.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



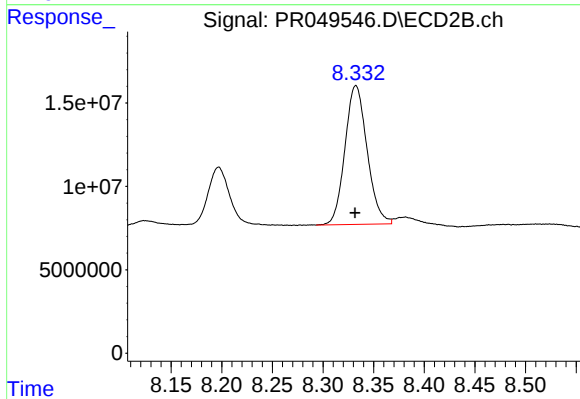
#39 AR-1262-4

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 397967400
Conc: 405.59 ng/ml



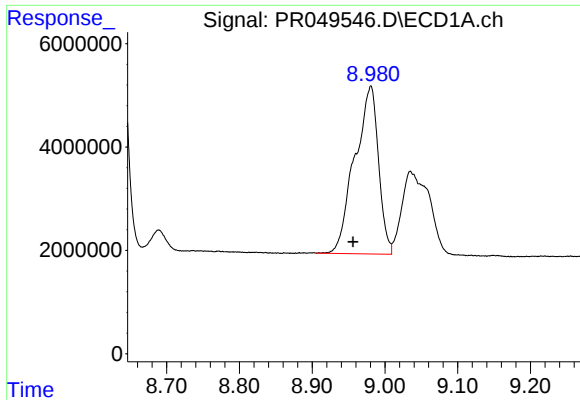
#40 AR-1262-5

R.T.: 9.750 min
Delta R.T.: 0.002 min
Response: 30997314
Conc: 262.45 ng/ml



#40 AR-1262-5

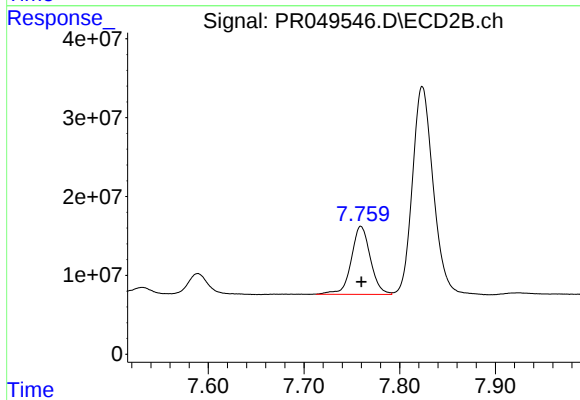
R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 126878579
Conc: 285.14 ng/ml



#41 AR-1268-1

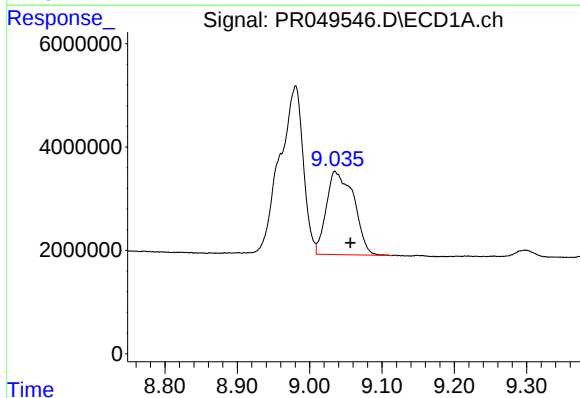
R.T.: 8.981 min
Delta R.T.: 0.024 min
Response: 73462389
Conc: 203.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



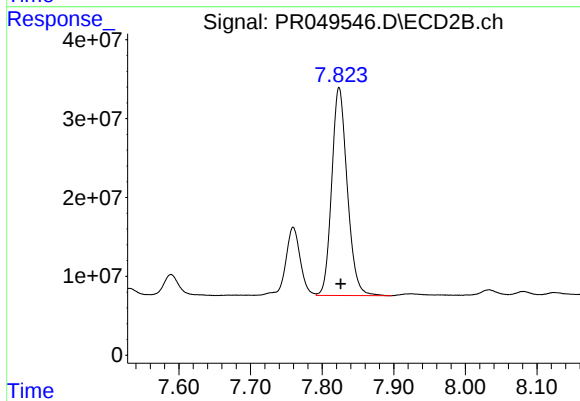
#41 AR-1268-1

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 120456930
Conc: 70.20 ng/ml



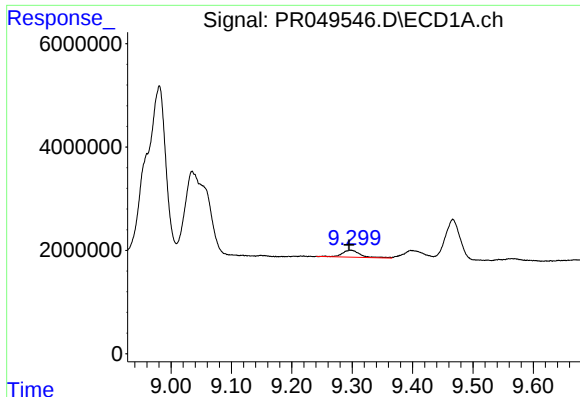
#42 AR-1268-2

R.T.: 9.035 min
Delta R.T.: -0.021 min
Response: 42554027
Conc: 126.10 ng/ml



#42 AR-1268-2

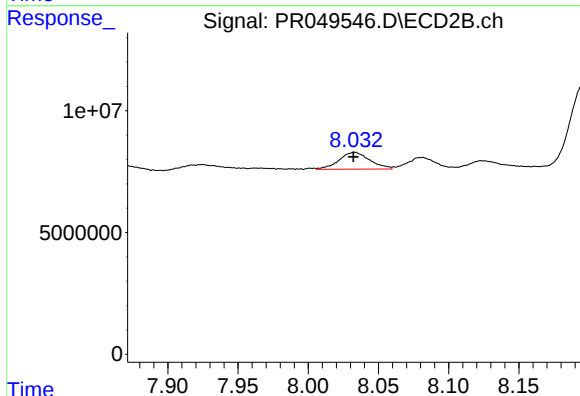
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 397967400
Conc: 273.65 ng/ml



#43 AR-1268-3

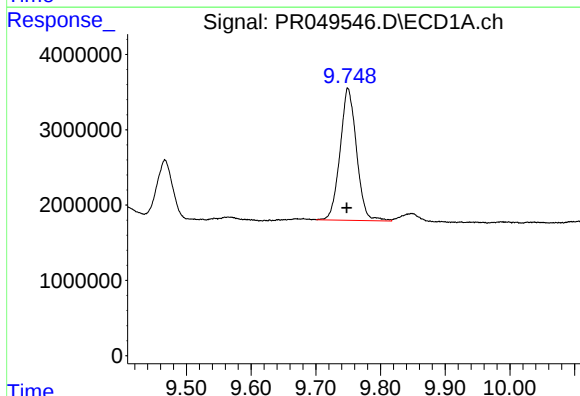
R.T.: 9.298 min
Delta R.T.: 0.003 min
Response: 2849002
Conc: 9.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



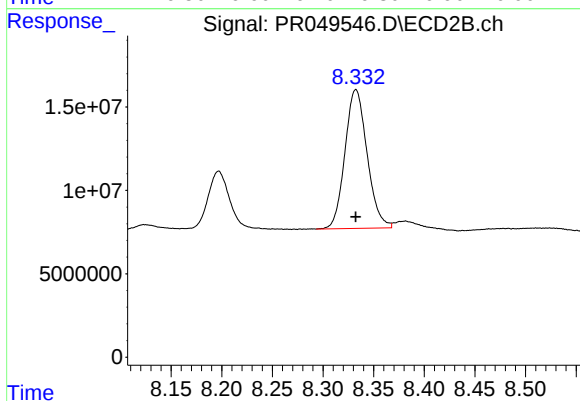
#43 AR-1268-3

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 10631546
Conc: 8.26 ng/ml



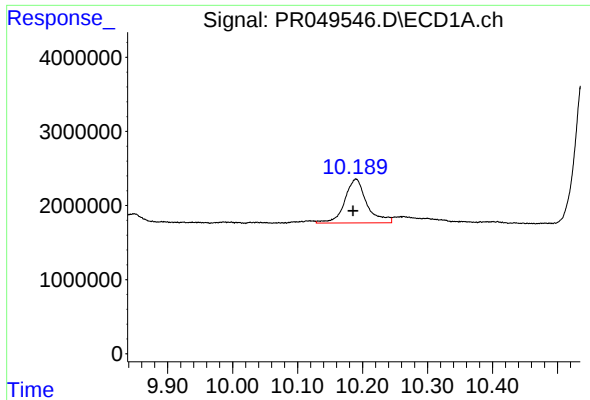
#44 AR-1268-4

R.T.: 9.750 min
Delta R.T.: 0.002 min
Response: 30997314
Conc: 244.99 ng/ml



#44 AR-1268-4

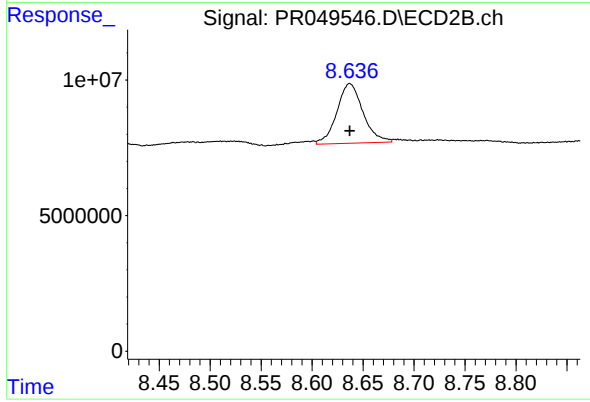
R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 126878579
Conc: 261.31 ng/ml



#45 AR-1268-5

R.T.: 10.190 min
Delta R.T.: 0.005 min
Response: 13999693
Conc: 14.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 39140836
Conc: 10.11 ng/ml