

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121218\
 Data File : PR034533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2018 14:27
 Operator : SM\SJ
 Sample : J6331-31MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 22:56:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 07 02:02:36 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...	4.432	3.519	32379328	65274511	17.938	17.729
2)	SA Decachlor...	10.120	8.420	27957752	56533370	14.245	13.818
Target Compounds							
3)	L1 AR-1016-1	5.596	4.580	12762996	25126936	193.769	193.351
4)	L1 AR-1016-2	5.618	4.598	18851514	36125890	192.697	182.859
5)	L1 AR-1016-3	5.680	4.771	10981257	18698433	189.028	187.241
6)	L1 AR-1016-4	5.778	4.812	8746399	14666399	186.243	180.610
7)	L1 AR-1016-5	6.070	5.021	8433174	24356489	173.310	221.057 #
8)	L2 AR-1221-1	0.000	3.727	0	2095495	N.D.	68.151 #
9)	L2 AR-1221-2	0.000	3.812	0	3023856	N.D.	126.594 #
10)	L2 AR-1221-3	4.804	3.886	5923829	11440766	150.404	145.710
11)	L3 AR-1232-1	4.804	3.886	5923829	11440766	187.713	179.880
12)	L3 AR-1232-2	5.329	4.598	8799842	36125890	521.578	477.256
13)	L3 AR-1232-3	5.618	4.771	18851514	18698433	499.368	490.686
14)	L3 AR-1232-4	5.778	4.852	8746399	18565032	484.749	538.524
15)	L3 AR-1232-5	5.867	5.021	7597895	24356489	561.110	620.200
16)	L4 AR-1242-1	5.596	4.580	12762996	25126936	240.810	246.105
17)	L4 AR-1242-2	5.618	4.598	18851514	36125890	243.439	226.422
18)	L4 AR-1242-3	5.680	4.771	10981257	18698433	234.977	234.104
19)	L4 AR-1242-4	5.778	4.852	8746399	18565032	228.321	234.922
20)	L4 AR-1242-5	6.511	5.366	1319380	16074290	28.734	145.766 #
21)	L5 AR-1248-1	5.596	4.580	12762996	25126936	301.241	296.080
22)	L5 AR-1248-2	5.867	4.812	7597895	14666399	128.877	128.439
23)	L5 AR-1248-3	6.070	4.852	8433174	18565032	124.933	157.593 #
24)	L5 AR-1248-4	6.445	5.021	10043975	24356489	125.390	164.291 #
25)	L5 AR-1248-5	6.511	5.391	1319380	6371045	17.486	42.378 #
26)	L6 AR-1254-1	6.445	5.366	10043975	16074290	123.419	67.336 #
27)	L6 AR-1254-2	6.661	5.510	7005019	14978389	55.287	72.312 #
28)	L6 AR-1254-3	7.030	5.921	6801386	26130251	49.317	72.322 #
29)	L6 AR-1254-4	7.311	6.132	6016768	2990474	56.390	12.914 #
30)	L6 AR-1254-5	7.728	6.544	21992020	51091158	192.436	157.946
31)	L7 AR-1260-1	7.189	6.035	19753988	36501464	189.788	151.229
32)	L7 AR-1260-2	7.445	6.220	19362303	49040322	148.858	161.810
33)	L7 AR-1260-3	7.801	6.372	12191965	40739600	147.696	142.936
34)	L7 AR-1260-4	8.027	6.837	13825731	28982230	138.428	146.889
35)	L7 AR-1260-5	8.345	7.078	26780349	68343569	136.718	133.620
36)	L8 AR-1262-1	7.801	6.635	12191965	16146032	91.837	130.252 #
37)	L8 AR-1262-2	8.345	7.078	26780349	68343569	114.281	116.466
38)	L8 AR-1262-3	8.669	7.357	16549578	13997659	107.444	66.295 #
39)	L8 AR-1262-4	8.723	7.420	9031889	48611245	76.496	119.680 #
40)	L8 AR-1262-5	9.388	7.912	6497486	14292775	83.369	83.825
41)	L9 AR-1268-1	8.669	7.357	16549578	13997659	49.694	17.832 #

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 Operator : SM\SJ
 Sample : J6331-31MSD
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 ALS Vial : 6 Sample Multiplier: 1

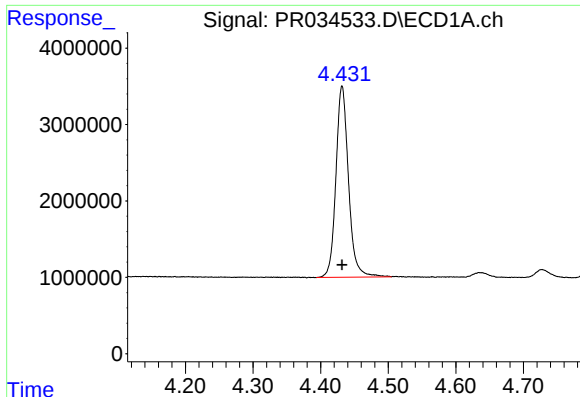
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 22:56:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120718.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	8.723	7.420	9031889	48611245	29.280	67.707 #
43) L9	AR-1268-3	0.000	7.625	0	1480649	N.D.	2.612 #
44) L9	AR-1268-4	9.388	7.912	6497486	14292775	62.633	63.203
45) L9	AR-1268-5	9.793	8.185	2362986	4970255	2.902	2.722

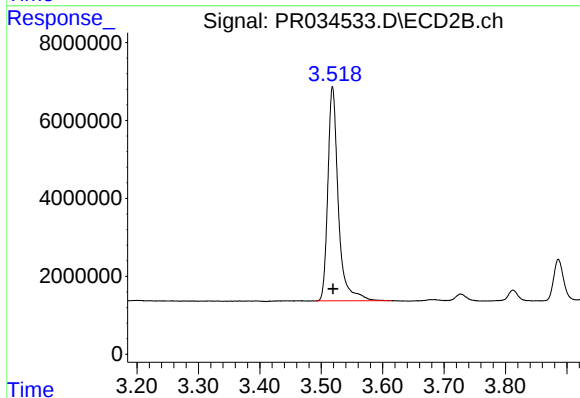
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

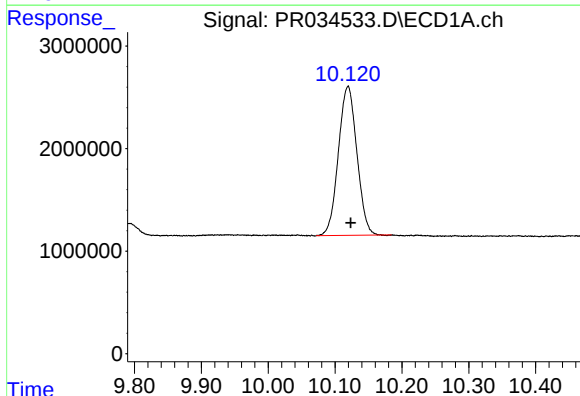
R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 32379328
Conc: 17.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



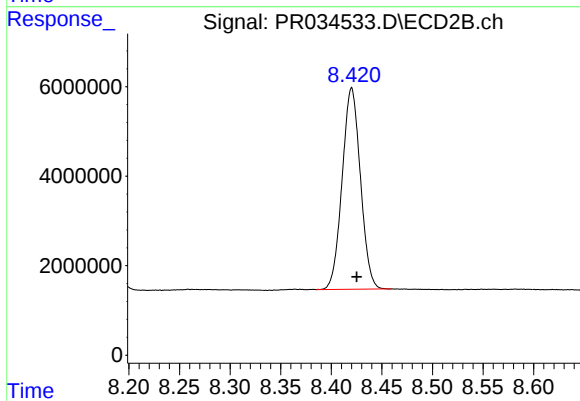
#1 Tetrachloro-m-xylene

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 65274511
Conc: 17.73 ng/ml



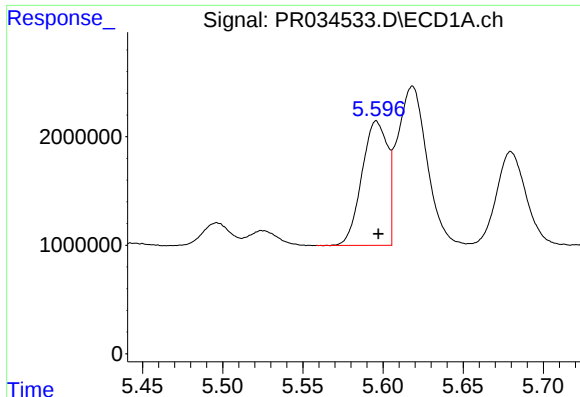
#2 Decachlorobiphenyl

R.T.: 10.120 min
Delta R.T.: -0.004 min
Response: 27957752
Conc: 14.24 ng/ml



#2 Decachlorobiphenyl

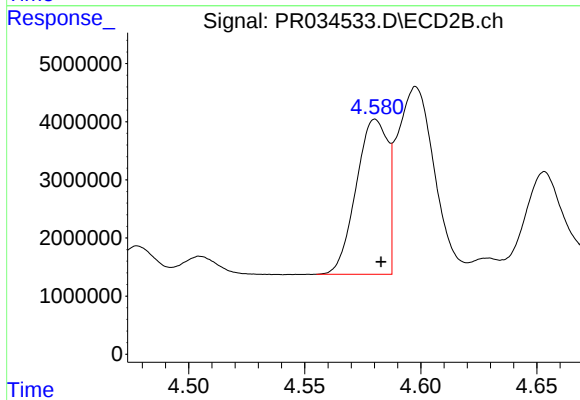
R.T.: 8.420 min
Delta R.T.: -0.005 min
Response: 56533370
Conc: 13.82 ng/ml



#3 AR-1016-1

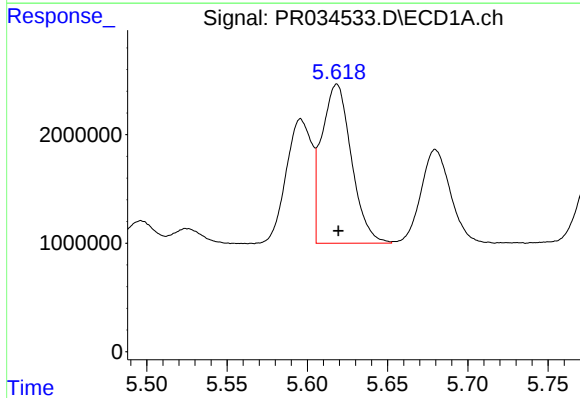
R.T.: 5.596 min
Delta R.T.: -0.001 min
Response: 12762996
Conc: 193.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



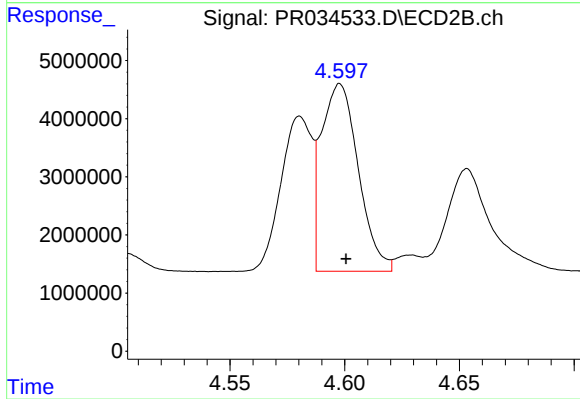
#3 AR-1016-1

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 25126936
Conc: 193.35 ng/ml



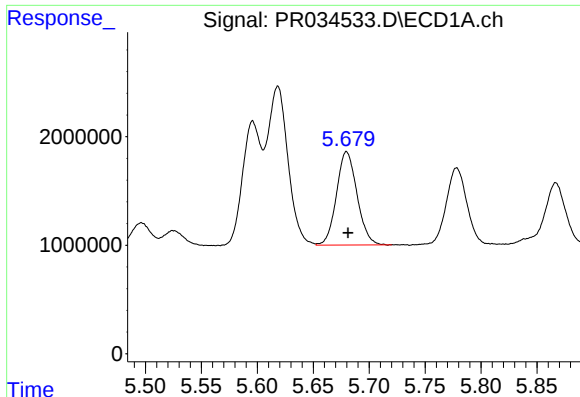
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 18851514
Conc: 192.70 ng/ml



#4 AR-1016-2

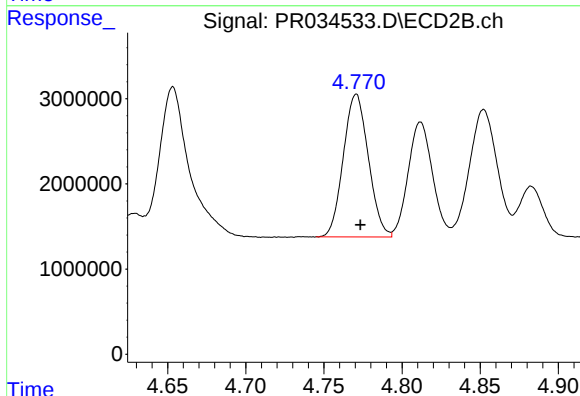
R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 36125890
Conc: 182.86 ng/ml



#5 AR-1016-3

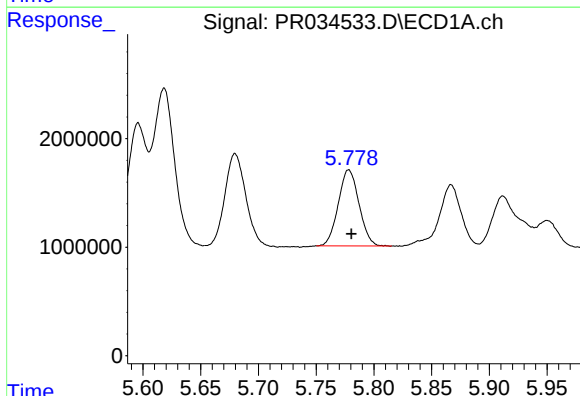
R.T.: 5.680 min
Delta R.T.: -0.001 min
Response: 10981257
Conc: 189.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



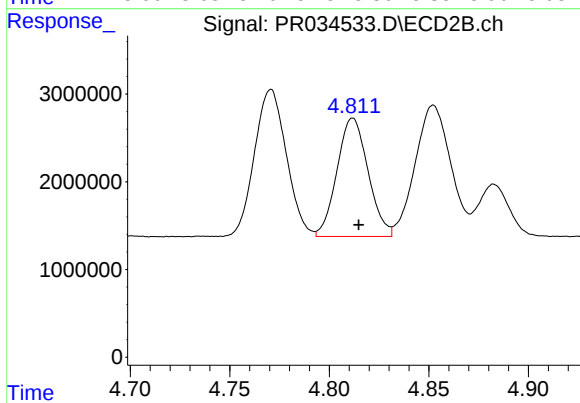
#5 AR-1016-3

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 18698433
Conc: 187.24 ng/ml



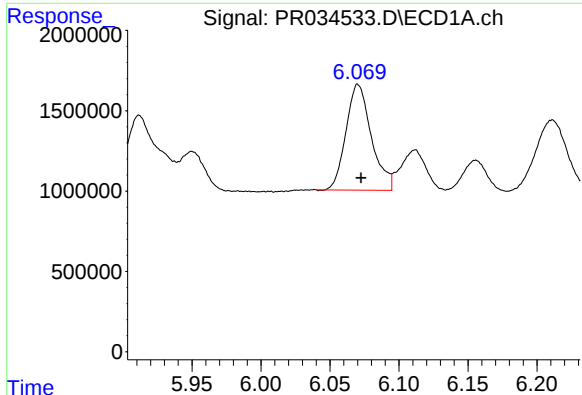
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 8746399
Conc: 186.24 ng/ml



#6 AR-1016-4

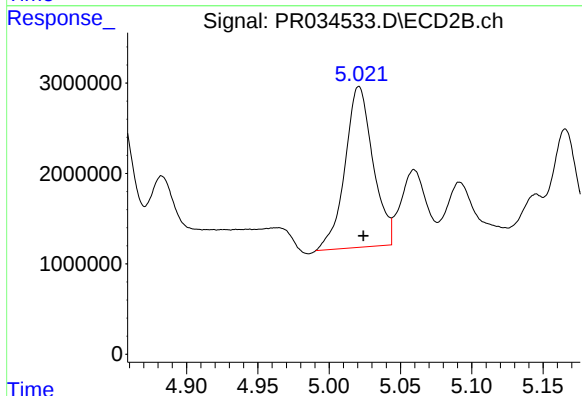
R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 14666399
Conc: 180.61 ng/ml



#7 AR-1016-5

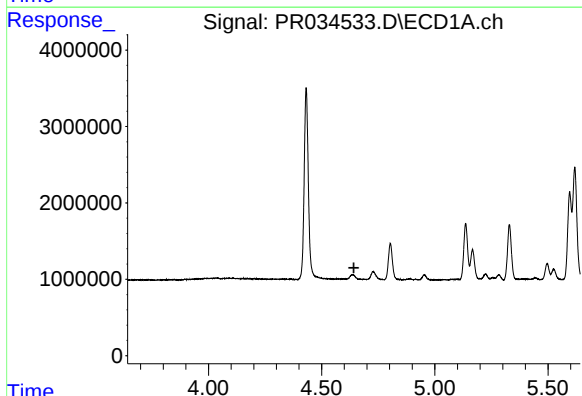
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 8433174
Conc: 173.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



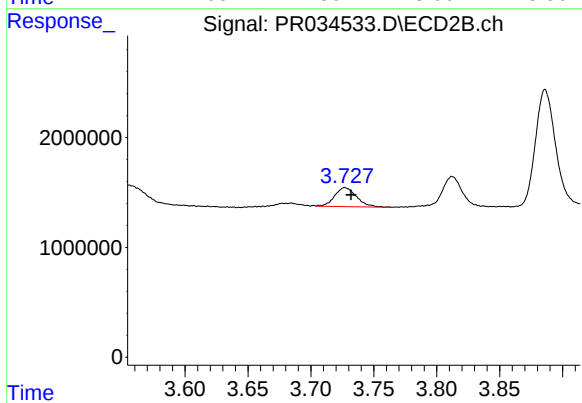
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 24356489
Conc: 221.06 ng/ml



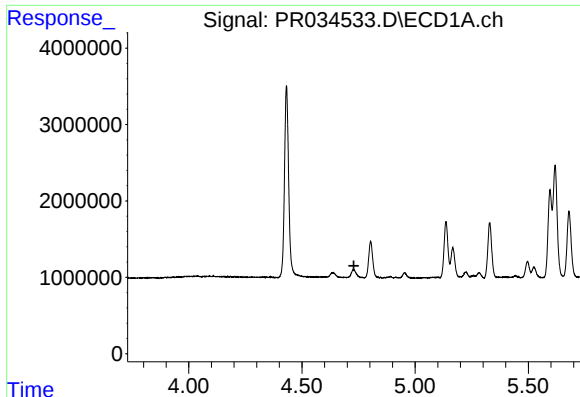
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.643 min
Response: 0
Conc: N.D.



#8 AR-1221-1

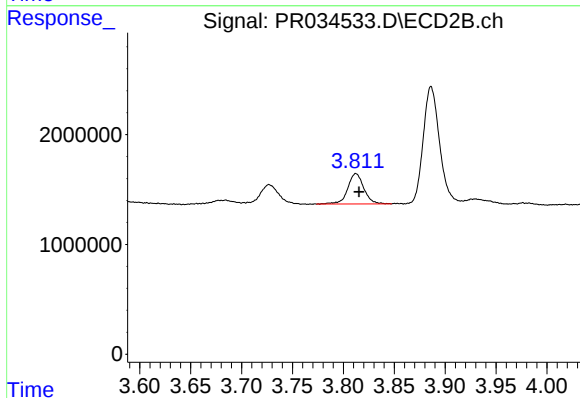
R.T.: 3.727 min
Delta R.T.: -0.005 min
Response: 2095495
Conc: 68.15 ng/ml



#9 AR-1221-2

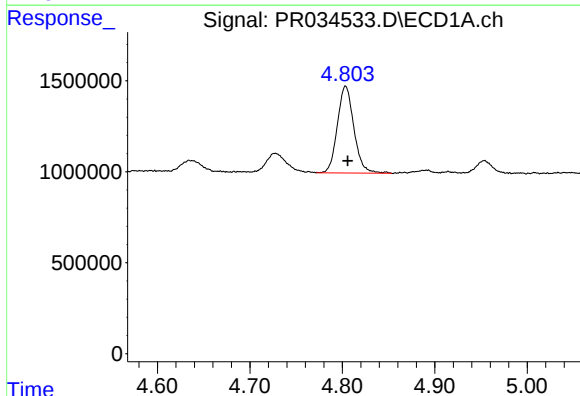
R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



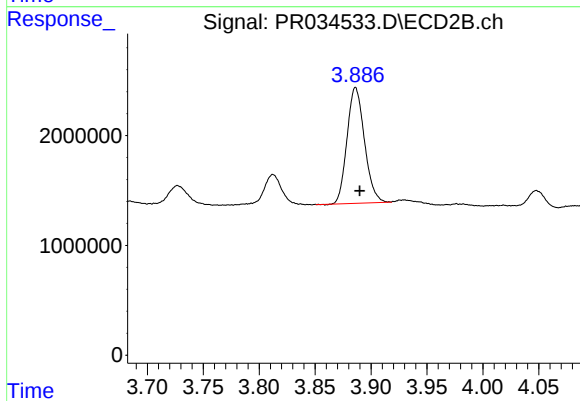
#9 AR-1221-2

R.T.: 3.812 min
Delta R.T.: -0.003 min
Response: 3023856
Conc: 126.59 ng/ml



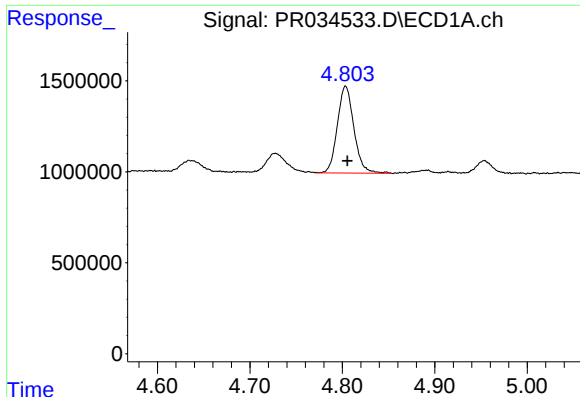
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 5923829
Conc: 150.40 ng/ml



#10 AR-1221-3

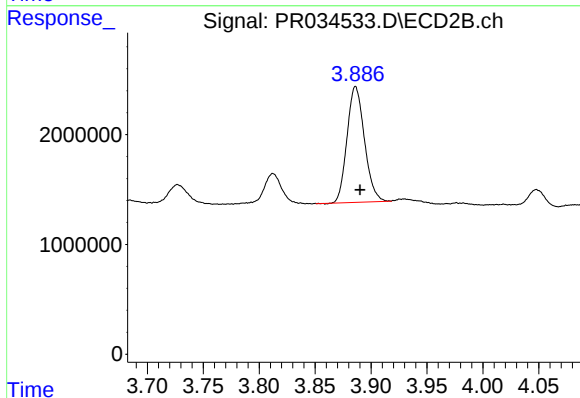
R.T.: 3.886 min
Delta R.T.: -0.004 min
Response: 11440766
Conc: 145.71 ng/ml



#11 AR-1232-1

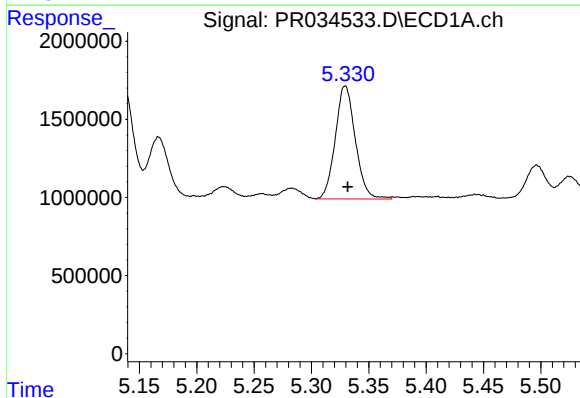
R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 5923829
Conc: 187.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



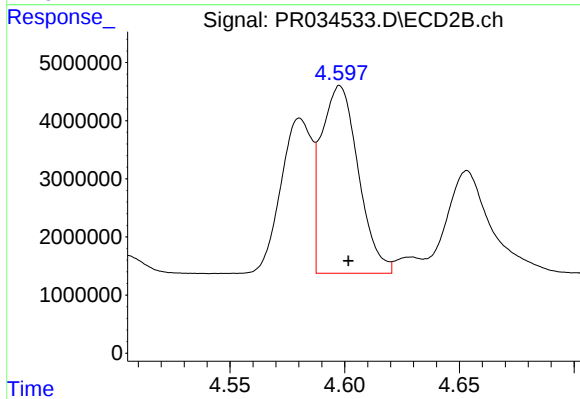
#11 AR-1232-1

R.T.: 3.886 min
Delta R.T.: -0.004 min
Response: 11440766
Conc: 179.88 ng/ml



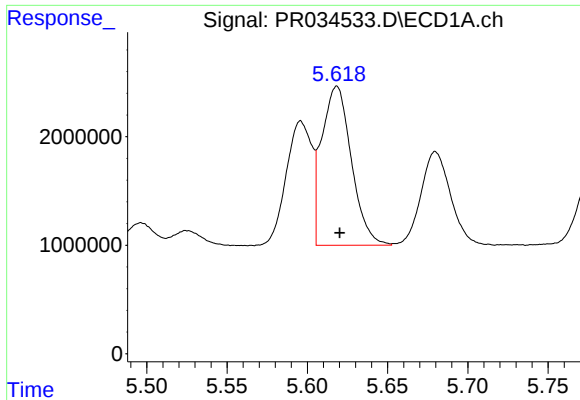
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 8799842
Conc: 521.58 ng/ml



#12 AR-1232-2

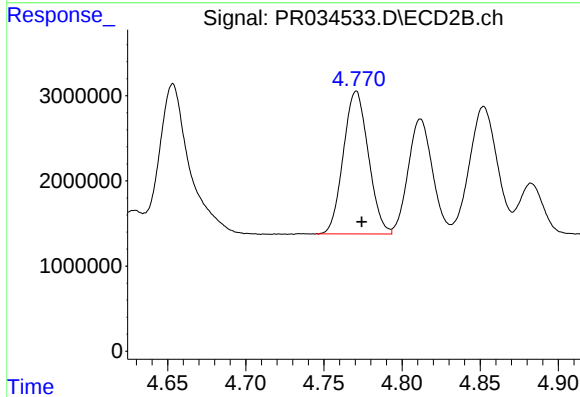
R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 36125890
Conc: 477.26 ng/ml



#13 AR-1232-3

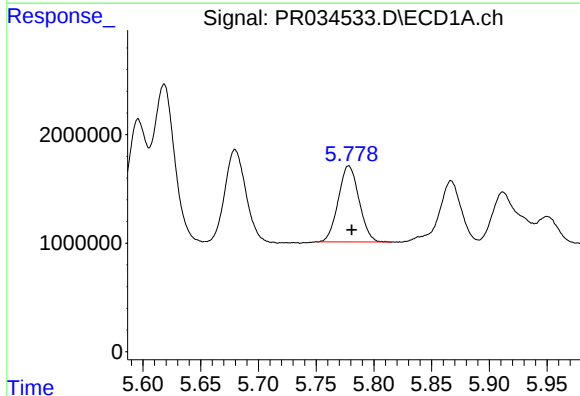
R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 18851514
Conc: 499.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



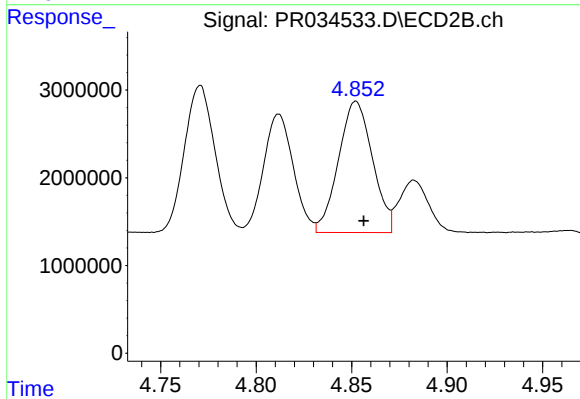
#13 AR-1232-3

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 18698433
Conc: 490.69 ng/ml



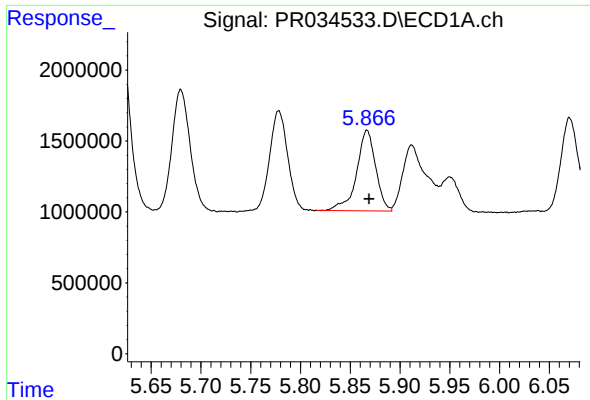
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 8746399
Conc: 484.75 ng/ml



#14 AR-1232-4

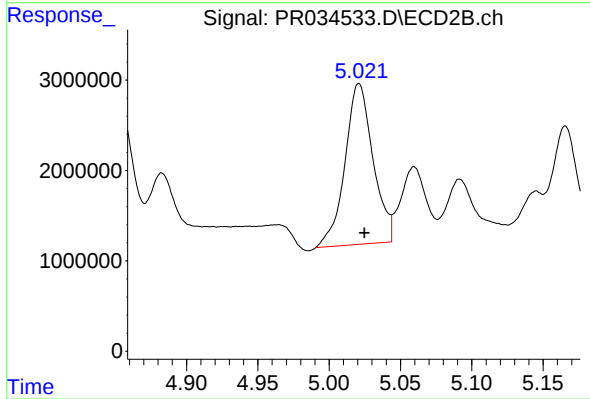
R.T.: 4.852 min
Delta R.T.: -0.004 min
Response: 18565032
Conc: 538.52 ng/ml



#15 AR-1232-5

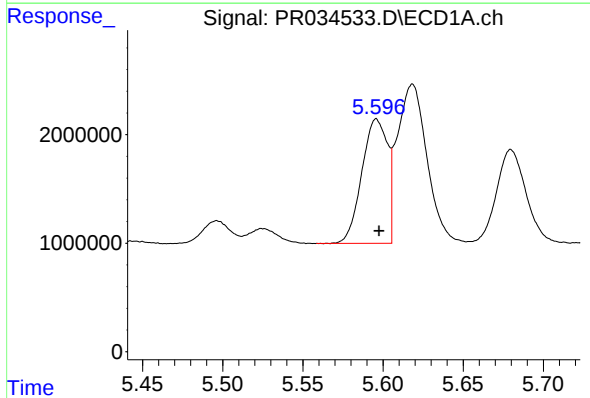
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 7597895
Conc: 561.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



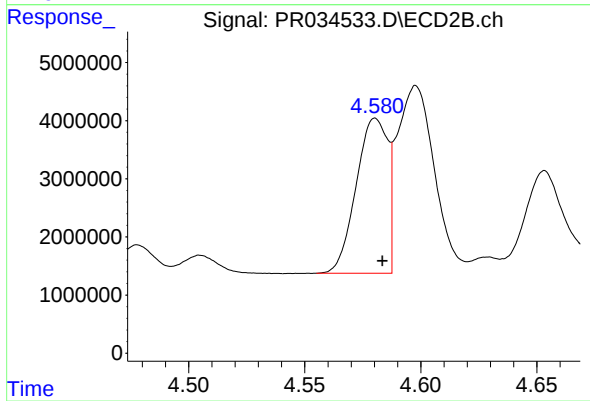
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 24356489
Conc: 620.20 ng/ml



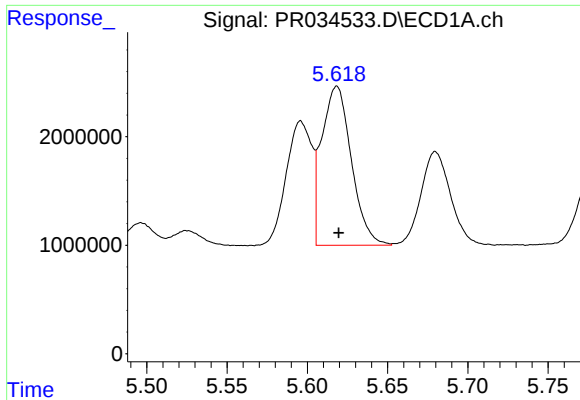
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: -0.002 min
Response: 12762996
Conc: 240.81 ng/ml



#16 AR-1242-1

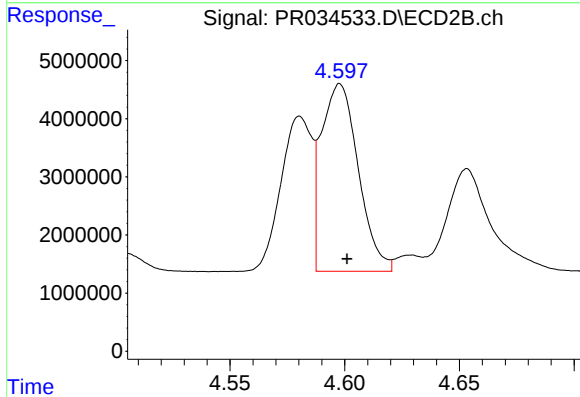
R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 25126936
Conc: 246.11 ng/ml



#17 AR-1242-2

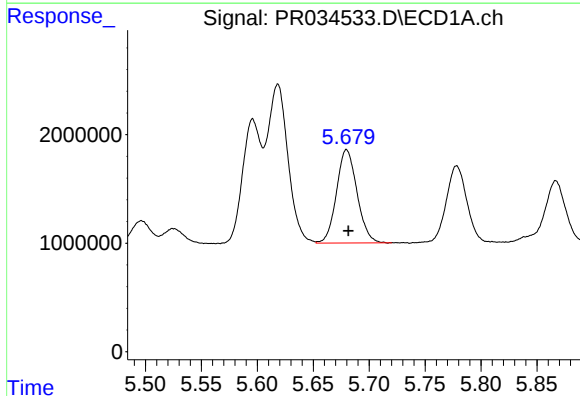
R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 18851514
Conc: 243.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



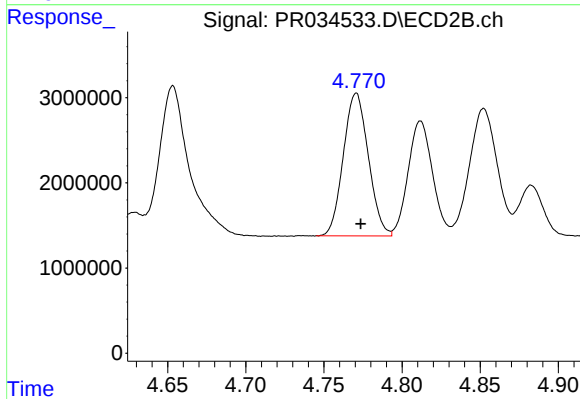
#17 AR-1242-2

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 36125890
Conc: 226.42 ng/ml



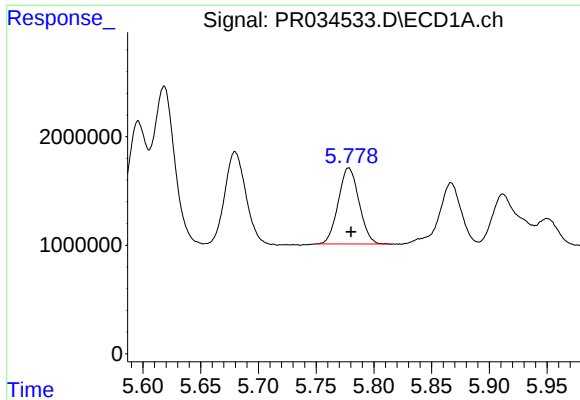
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 10981257
Conc: 234.98 ng/ml



#18 AR-1242-3

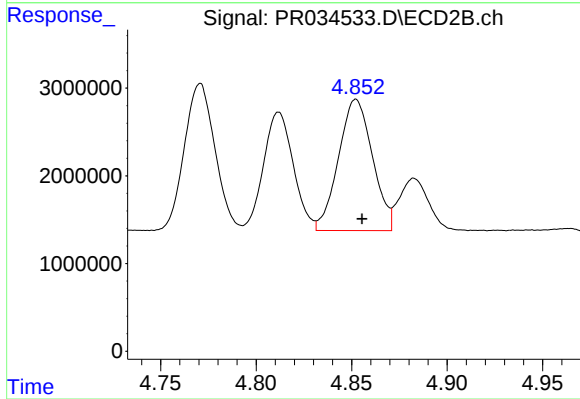
R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 18698433
Conc: 234.10 ng/ml



#19 AR-1242-4

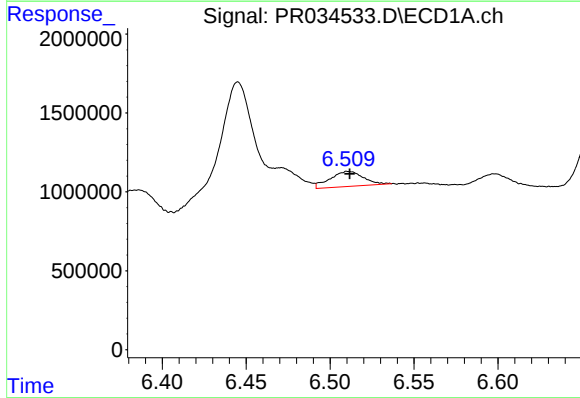
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 8746399
Conc: 228.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



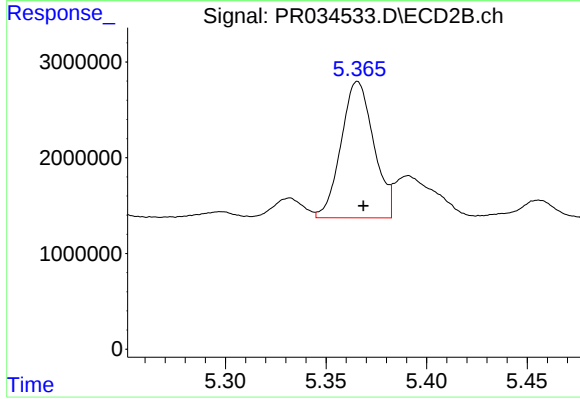
#19 AR-1242-4

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 18565032
Conc: 234.92 ng/ml



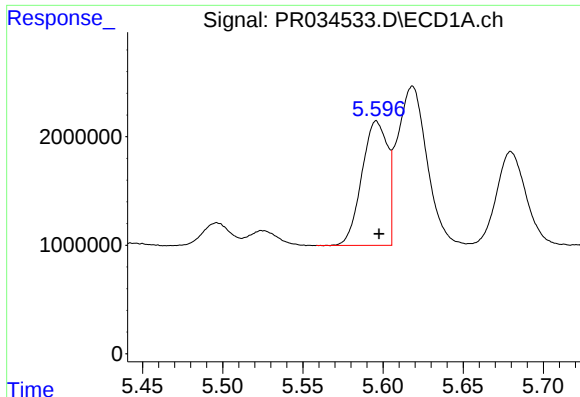
#20 AR-1242-5

R.T.: 6.511 min
Delta R.T.: 0.000 min
Response: 1319380
Conc: 28.73 ng/ml



#20 AR-1242-5

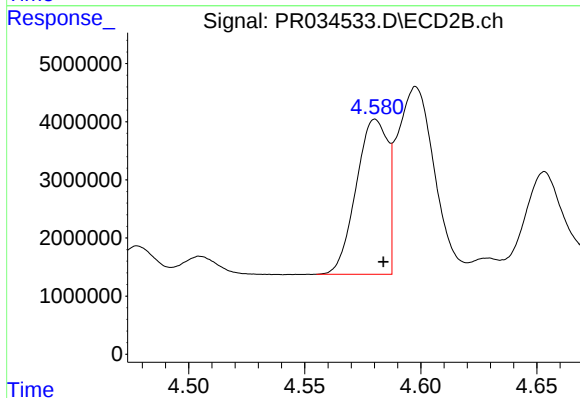
R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 16074290
Conc: 145.77 ng/ml



#21 AR-1248-1

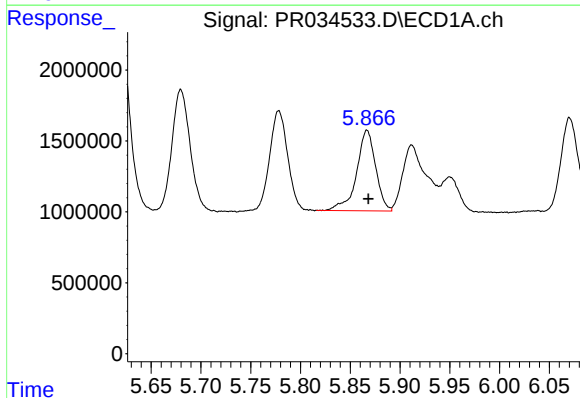
R.T.: 5.596 min
Delta R.T.: -0.002 min
Response: 12762996
Conc: 301.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



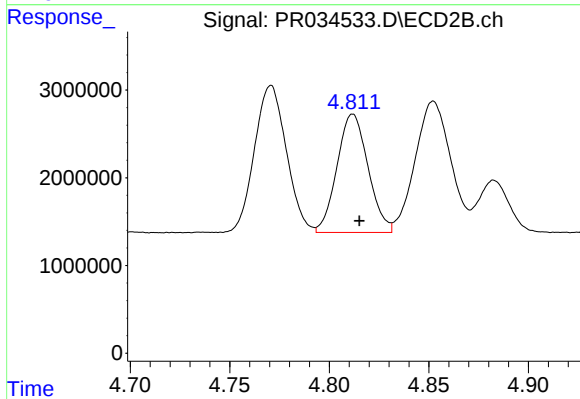
#21 AR-1248-1

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 25126936
Conc: 296.08 ng/ml



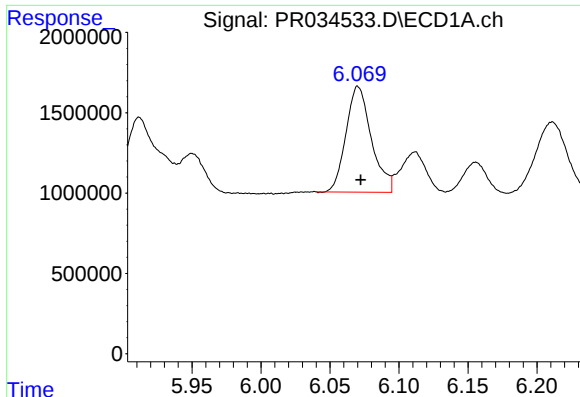
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 7597895
Conc: 128.88 ng/ml



#22 AR-1248-2

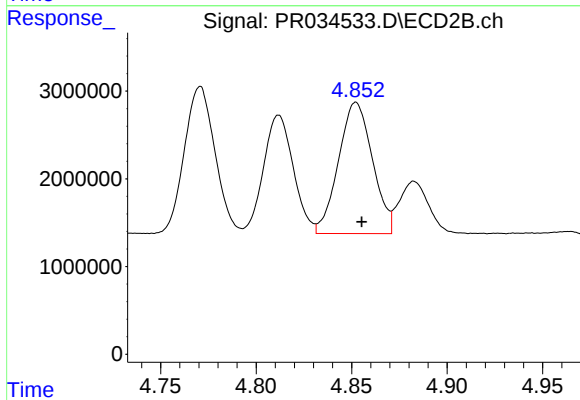
R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 14666399
Conc: 128.44 ng/ml



#23 AR-1248-3

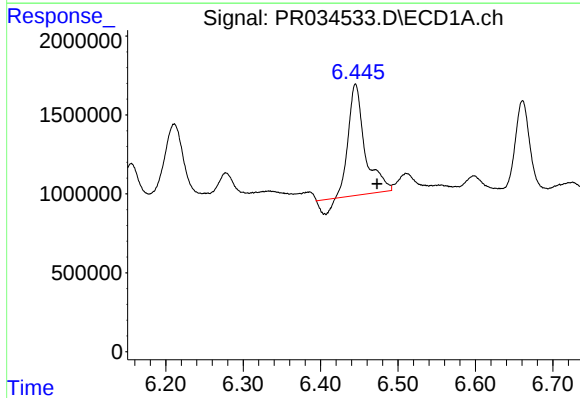
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 8433174
Conc: 124.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



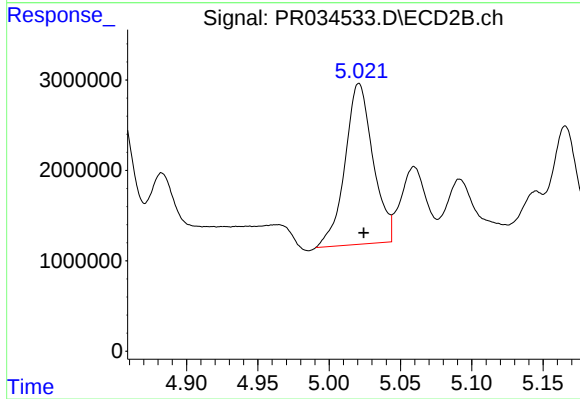
#23 AR-1248-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 18565032
Conc: 157.59 ng/ml



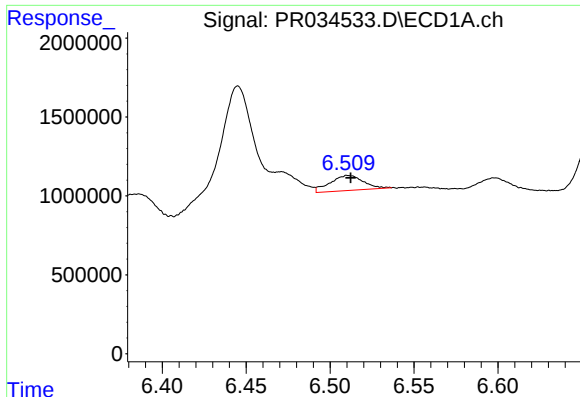
#24 AR-1248-4

R.T.: 6.445 min
Delta R.T.: -0.028 min
Response: 10043975
Conc: 125.39 ng/ml



#24 AR-1248-4

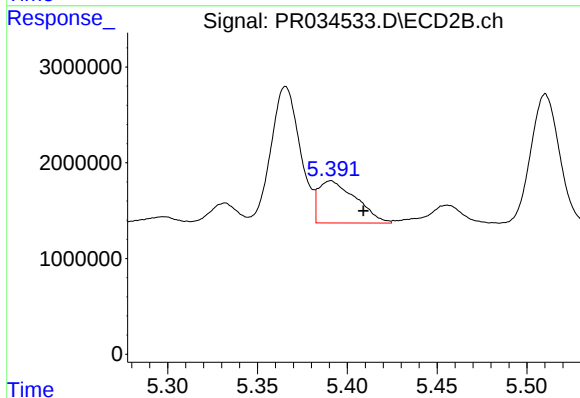
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 24356489
Conc: 164.29 ng/ml



#25 AR-1248-5

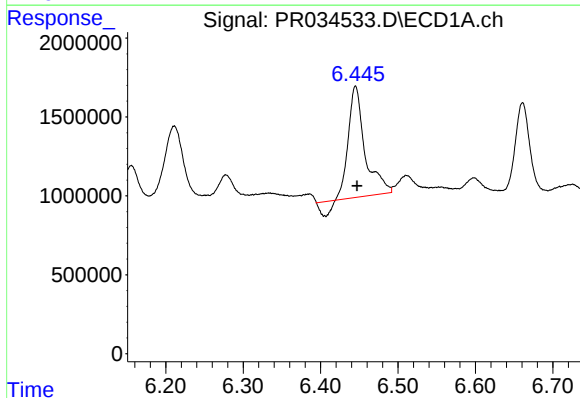
R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 1319380
Conc: 17.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



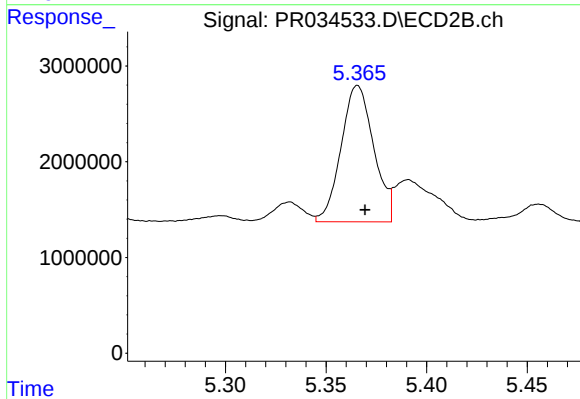
#25 AR-1248-5

R.T.: 5.391 min
Delta R.T.: -0.018 min
Response: 6371045
Conc: 42.38 ng/ml



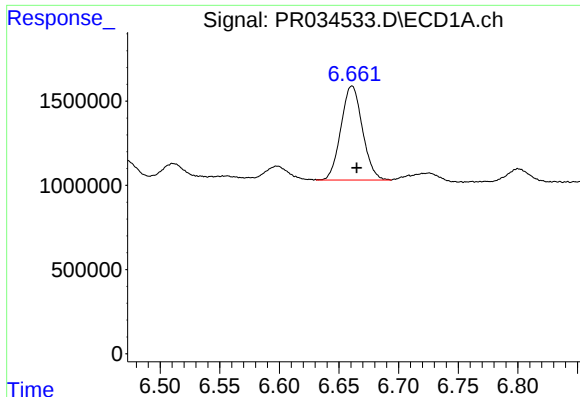
#26 AR-1254-1

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 10043975
Conc: 123.42 ng/ml



#26 AR-1254-1

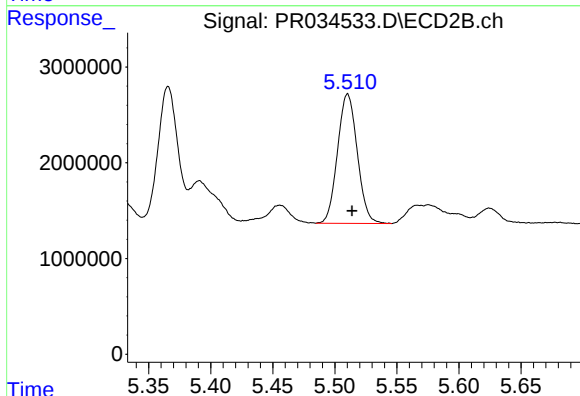
R.T.: 5.366 min
Delta R.T.: -0.004 min
Response: 16074290
Conc: 67.34 ng/ml



#27 AR-1254-2

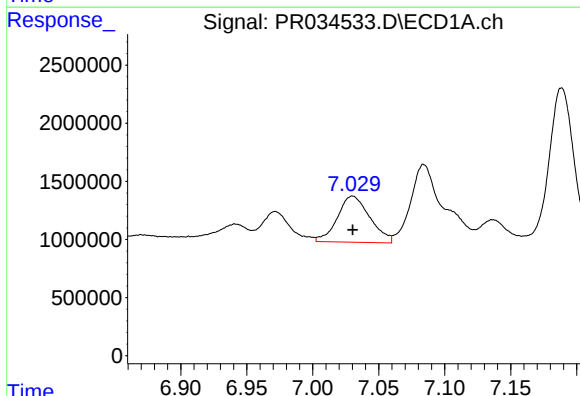
R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 7005019
Conc: 55.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



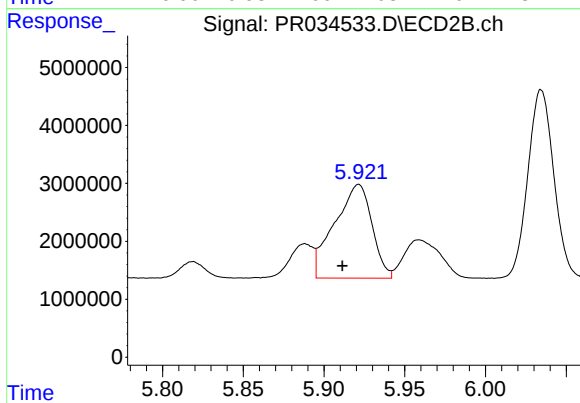
#27 AR-1254-2

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 14978389
Conc: 72.31 ng/ml



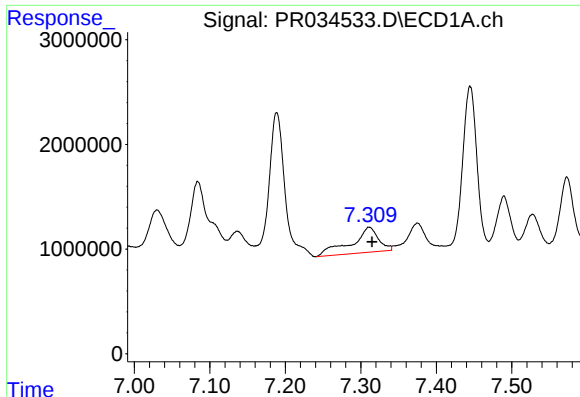
#28 AR-1254-3

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 6801386
Conc: 49.32 ng/ml



#28 AR-1254-3

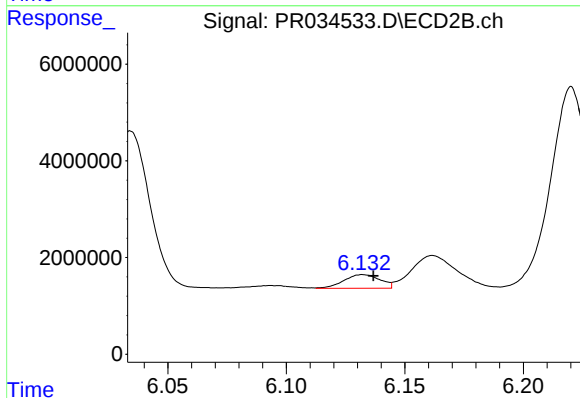
R.T.: 5.921 min
Delta R.T.: 0.010 min
Response: 26130251
Conc: 72.32 ng/ml



#29 AR-1254-4

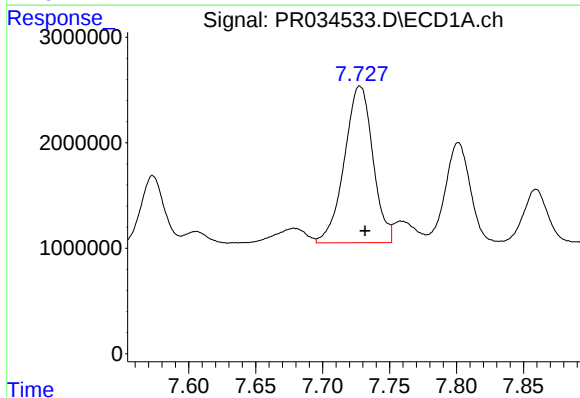
R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 6016768
Conc: 56.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



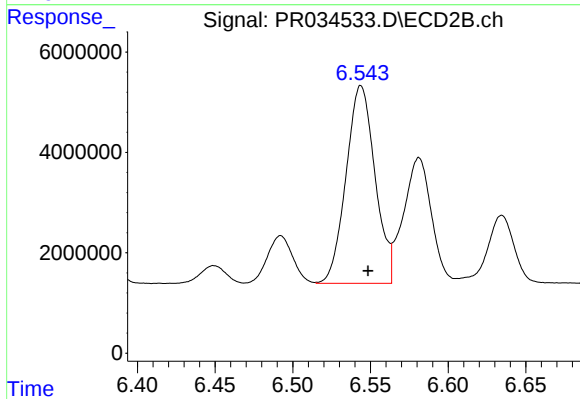
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 2990474
Conc: 12.91 ng/ml



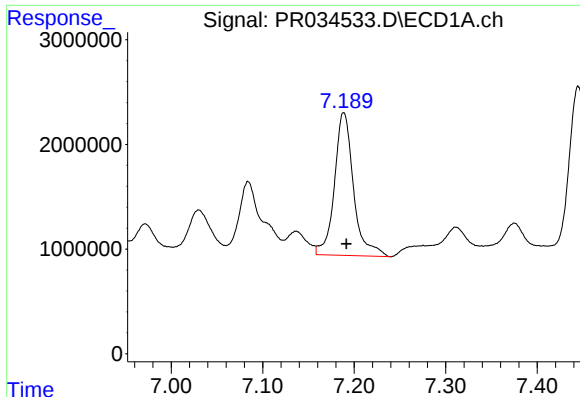
#30 AR-1254-5

R.T.: 7.728 min
Delta R.T.: -0.004 min
Response: 21992020
Conc: 192.44 ng/ml



#30 AR-1254-5

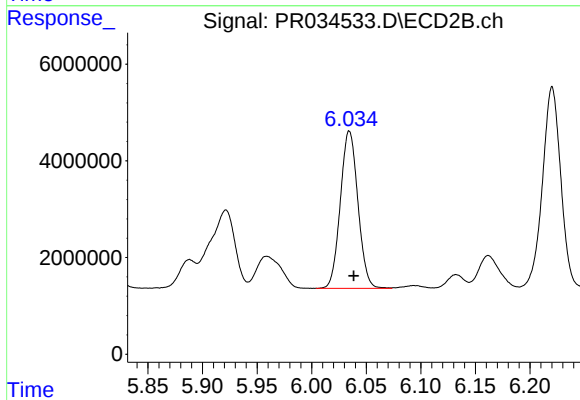
R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 51091158
Conc: 157.95 ng/ml



#31 AR-1260-1

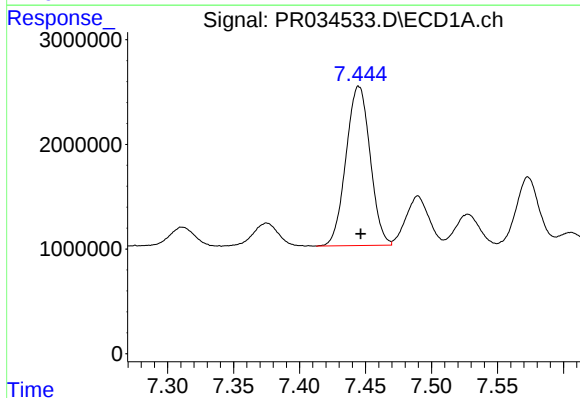
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 19753988
Conc: 189.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



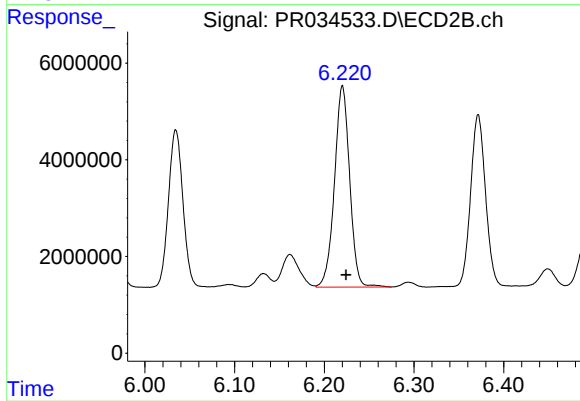
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.004 min
Response: 36501464
Conc: 151.23 ng/ml



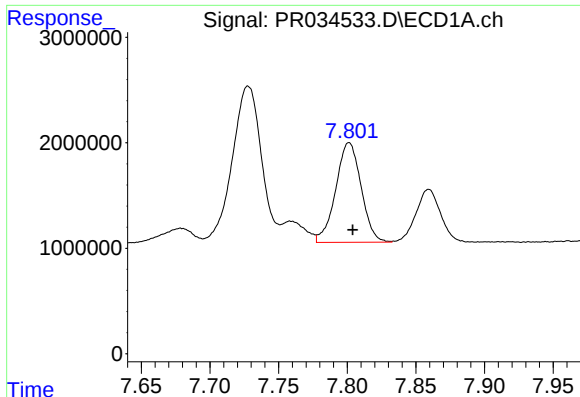
#32 AR-1260-2

R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 19362303
Conc: 148.86 ng/ml



#32 AR-1260-2

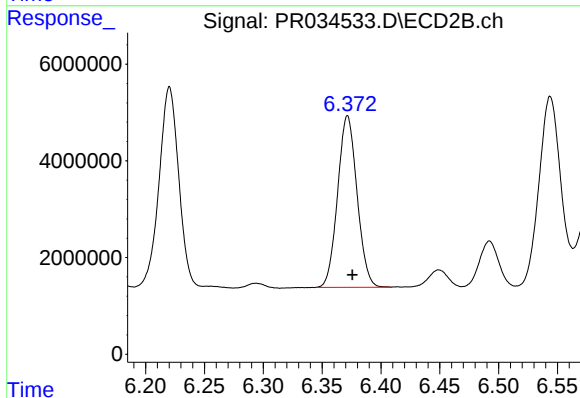
R.T.: 6.220 min
Delta R.T.: -0.004 min
Response: 49040322
Conc: 161.81 ng/ml



#33 AR-1260-3

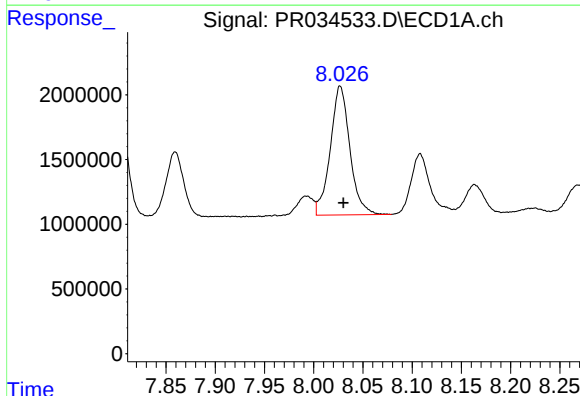
R.T.: 7.801 min
Delta R.T.: -0.003 min
Response: 12191965
Conc: 147.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



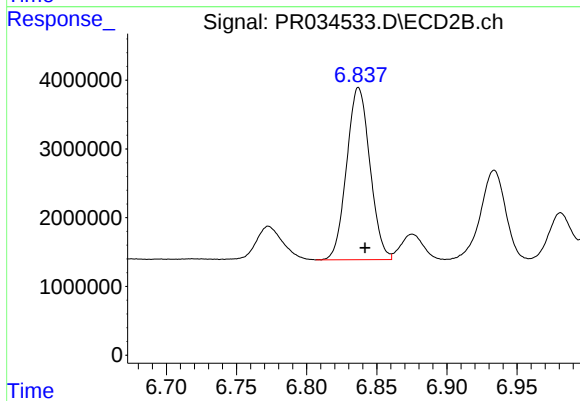
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: -0.004 min
Response: 40739600
Conc: 142.94 ng/ml



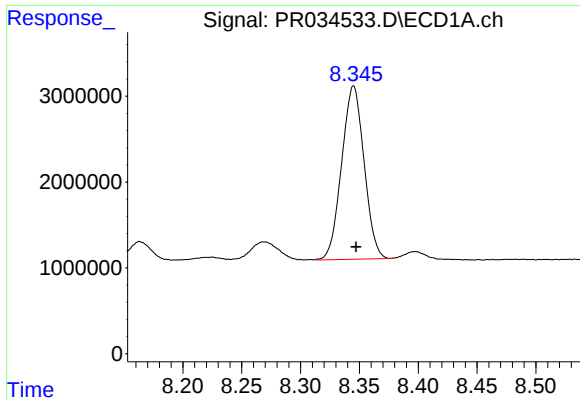
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 13825731
Conc: 138.43 ng/ml



#34 AR-1260-4

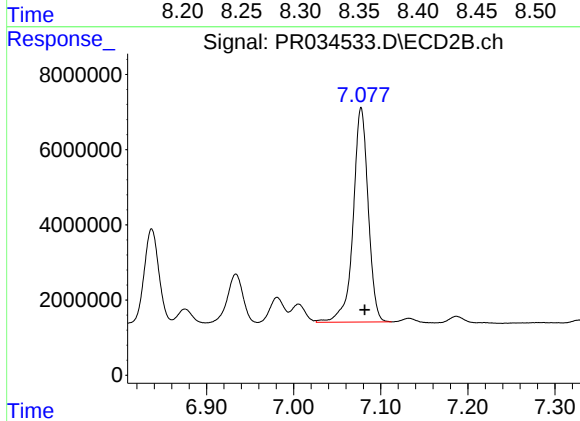
R.T.: 6.837 min
Delta R.T.: -0.004 min
Response: 28982230
Conc: 146.89 ng/ml



#35 AR-1260-5

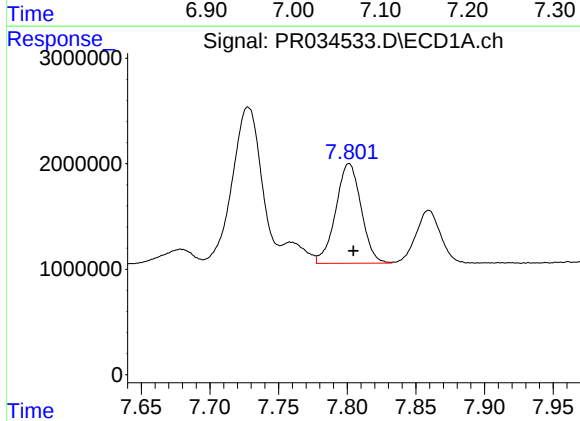
R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 26780349
Conc: 136.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



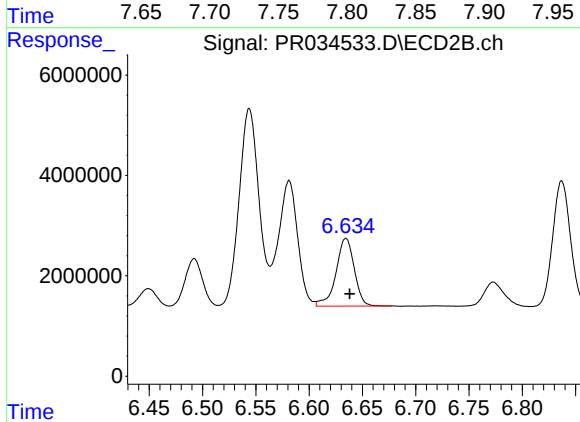
#35 AR-1260-5

R.T.: 7.078 min
Delta R.T.: -0.004 min
Response: 68343569
Conc: 133.62 ng/ml



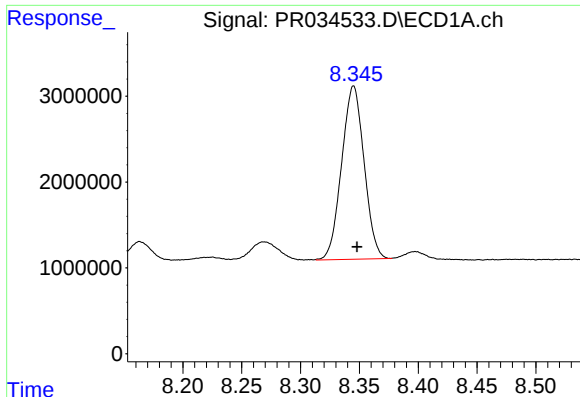
#36 AR-1262-1

R.T.: 7.801 min
Delta R.T.: -0.003 min
Response: 12191965
Conc: 91.84 ng/ml



#36 AR-1262-1

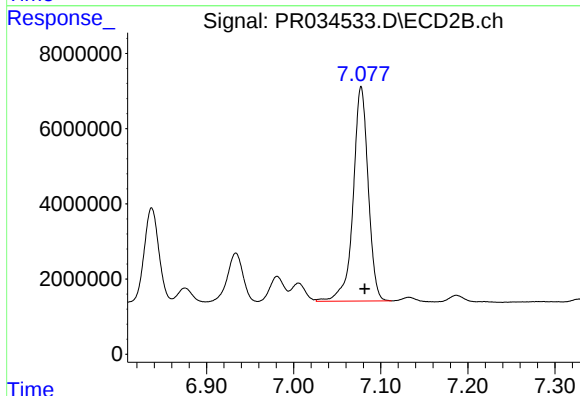
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 16146032
Conc: 130.25 ng/ml



#37 AR-1262-2

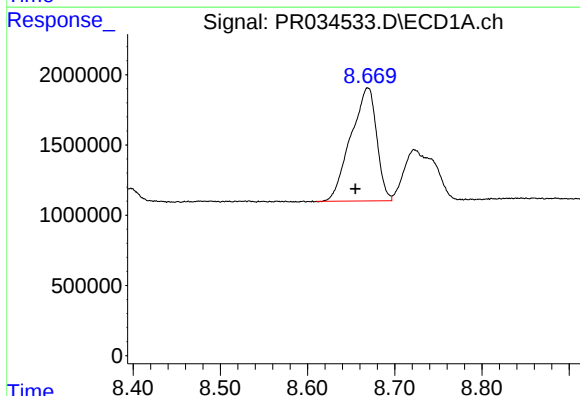
R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 26780349
Conc: 114.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



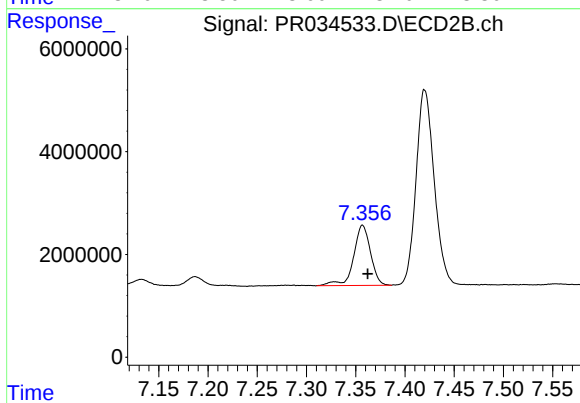
#37 AR-1262-2

R.T.: 7.078 min
Delta R.T.: -0.004 min
Response: 68343569
Conc: 116.47 ng/ml



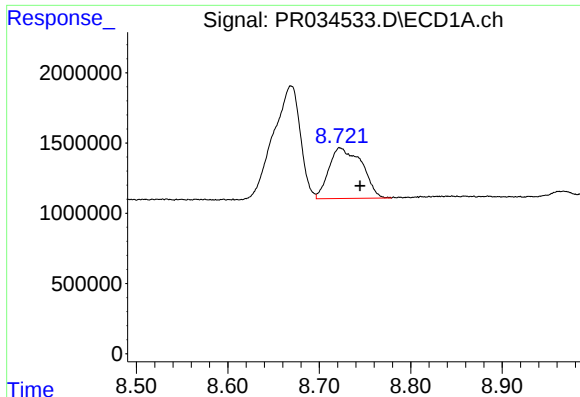
#38 AR-1262-3

R.T.: 8.669 min
Delta R.T.: 0.014 min
Response: 16549578
Conc: 107.44 ng/ml



#38 AR-1262-3

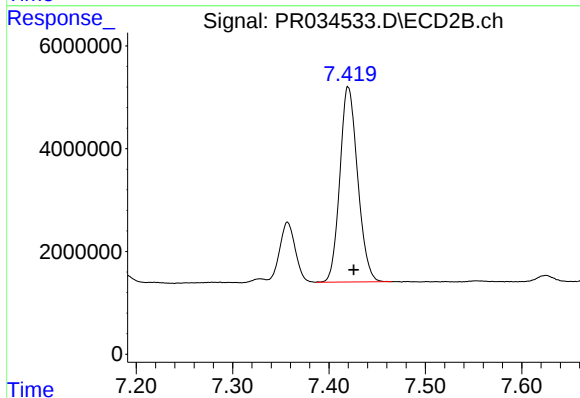
R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 13997659
Conc: 66.29 ng/ml



#39 AR-1262-4

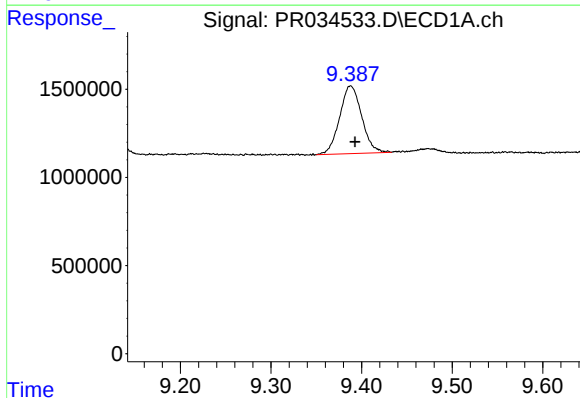
R.T.: 8.723 min
Delta R.T.: -0.022 min
Response: 9031889
Conc: 76.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



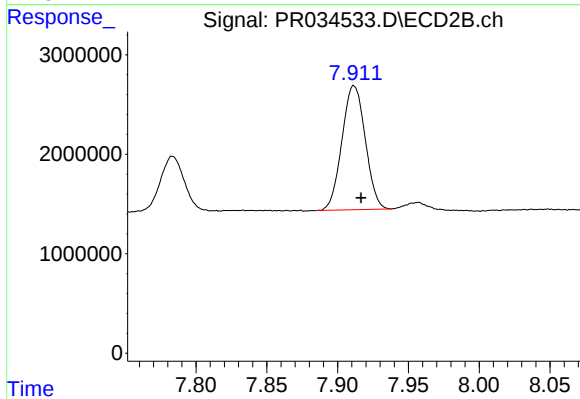
#39 AR-1262-4

R.T.: 7.420 min
Delta R.T.: -0.006 min
Response: 48611245
Conc: 119.68 ng/ml



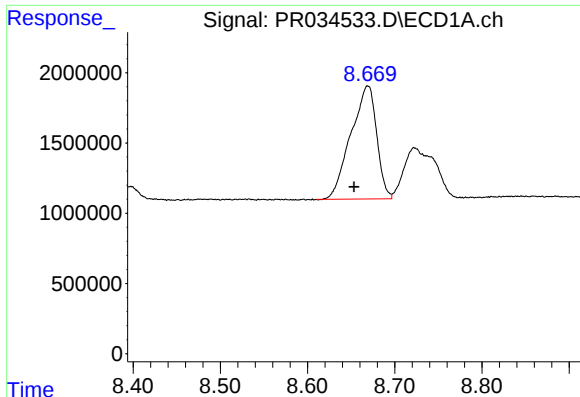
#40 AR-1262-5

R.T.: 9.388 min
Delta R.T.: -0.005 min
Response: 6497486
Conc: 83.37 ng/ml



#40 AR-1262-5

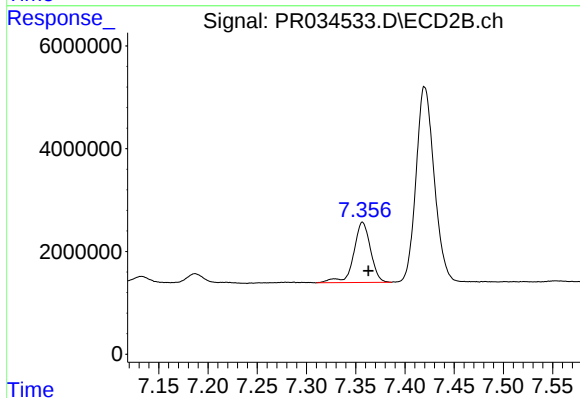
R.T.: 7.912 min
Delta R.T.: -0.005 min
Response: 14292775
Conc: 83.82 ng/ml



#41 AR-1268-1

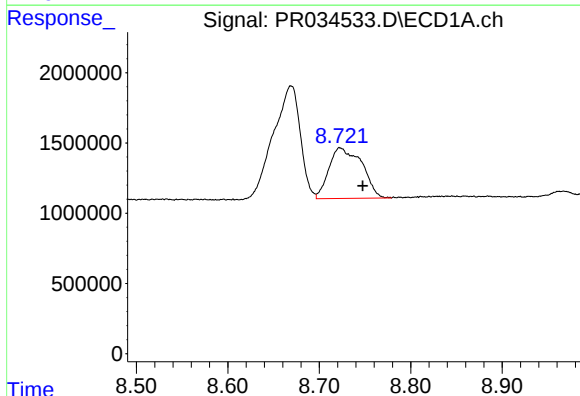
R.T.: 8.669 min
Delta R.T.: 0.016 min
Response: 16549578
Conc: 49.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



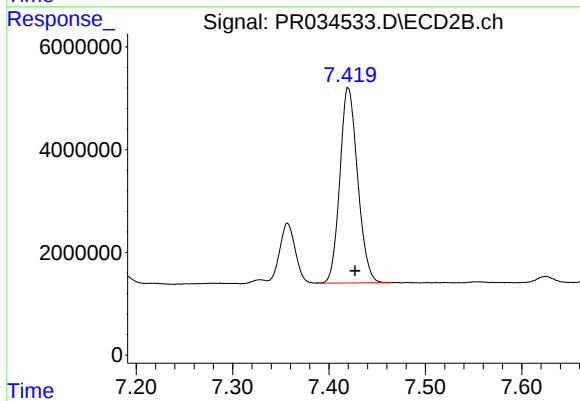
#41 AR-1268-1

R.T.: 7.357 min
Delta R.T.: -0.006 min
Response: 13997659
Conc: 17.83 ng/ml



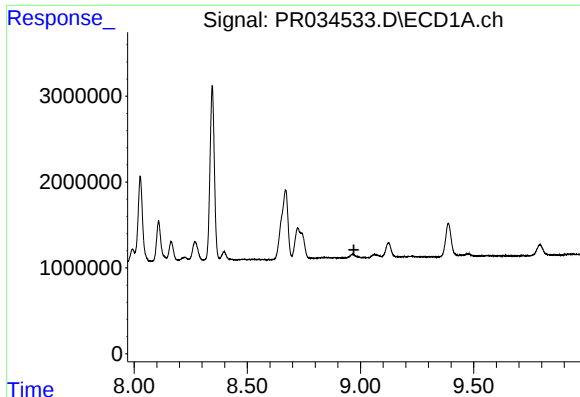
#42 AR-1268-2

R.T.: 8.723 min
Delta R.T.: -0.025 min
Response: 9031889
Conc: 29.28 ng/ml



#42 AR-1268-2

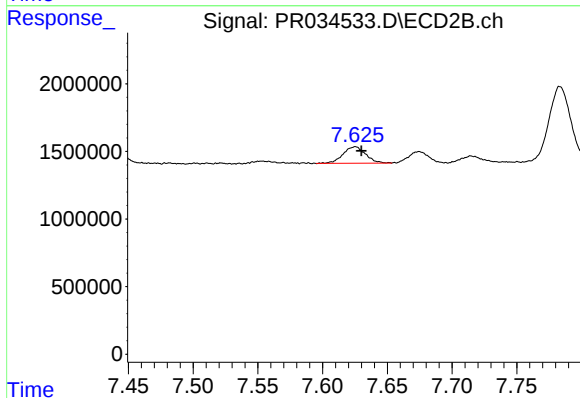
R.T.: 7.420 min
Delta R.T.: -0.007 min
Response: 48611245
Conc: 67.71 ng/ml



#43 AR-1268-3

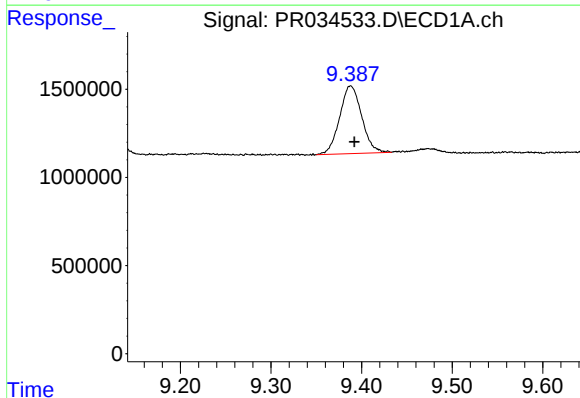
R.T.: 0.000 min
Exp R.T.: 8.971 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



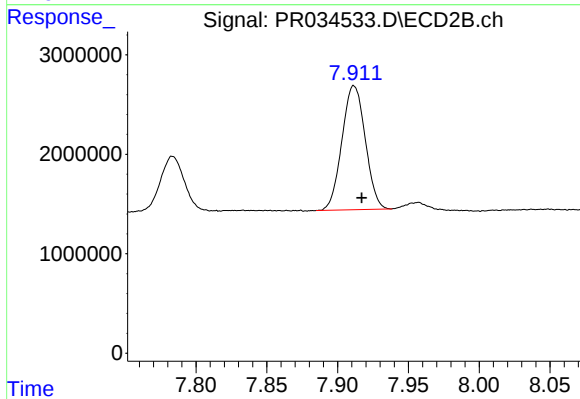
#43 AR-1268-3

R.T.: 7.625 min
Delta R.T.: -0.005 min
Response: 1480649
Conc: 2.61 ng/ml



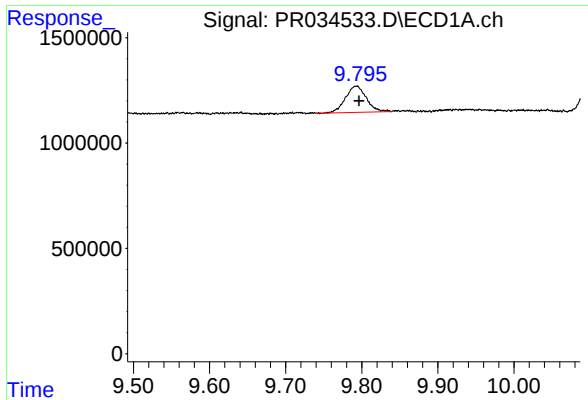
#44 AR-1268-4

R.T.: 9.388 min
Delta R.T.: -0.004 min
Response: 6497486
Conc: 62.63 ng/ml



#44 AR-1268-4

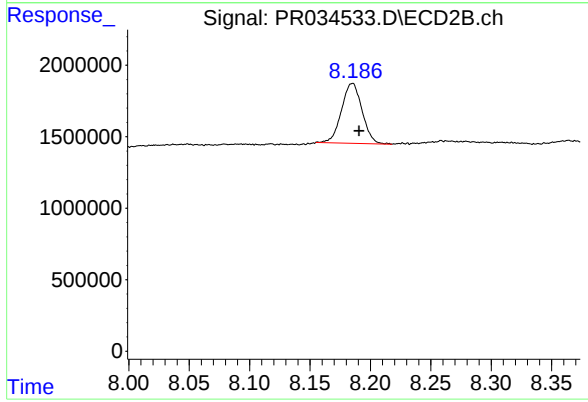
R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 14292775
Conc: 63.20 ng/ml



#45 AR-1268-5

R.T.: 9.793 min
Delta R.T.: -0.003 min
Response: 2362986
Conc: 2.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 4970255
Conc: 2.72 ng/ml