

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010320\
 Data File : PR044261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2020 10:52
 Operator : AJ\MA
 Sample : PB125856BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 14:37:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010220CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 03 05:25:00 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.698	3.959	80367117	198.4E6	21.574	21.353
2)	SA Decachlor...	10.591	9.037	228.8E6	484.5E6	43.335	44.202
Target Compounds							
3)	L1 AR-1016-1	5.873	5.049	17094704	34102297	107.001	107.226
4)	L1 AR-1016-2	5.896	5.068	23727084	44960995	104.903	105.886
5)	L1 AR-1016-3	5.958	5.246	14524141	22034975	105.285	103.854
6)	L1 AR-1016-4	6.059	5.286	11678399	17903106	102.801	110.078
7)	L1 AR-1016-5	6.352	5.502	11695730	22427735	102.310	101.585
8)	L2 AR-1221-1	0.000	4.169	0	4466390	N.D.	36.259 #
9)	L2 AR-1221-2	0.000	4.259	0	7939813	N.D.	90.402 #
10)	L2 AR-1221-3	5.073	4.333	7473882	20871695	64.706	71.063
11)	L3 AR-1232-1	5.073	4.333	7473882	20871695	80.178	87.903
12)	L3 AR-1232-2	5.605	5.068	10583193	44960995	214.238	222.871
13)	L3 AR-1232-3	5.896	5.246	23727084	22034975	228.342	225.901
14)	L3 AR-1232-4	6.059	5.329	11678399	22271297	224.646	276.768
15)	L3 AR-1232-5	6.144	5.502	10528297	22427735	273.253	245.203
16)	L4 AR-1242-1	5.873	5.049	17094704	34102297	97.311	94.321
17)	L4 AR-1242-2	5.896	5.068	23727084	44960995	98.066	92.675
18)	L4 AR-1242-3	5.958	5.246	14524141	22034975	96.249	95.075
19)	L4 AR-1242-4	6.059	5.329	11678399	22271297	96.246	107.105
20)	L4 AR-1242-5	6.729f	5.855	11334898	23610039	80.841	67.178
21)	L5 AR-1248-1	5.873	5.049	17094704	34102297	195.915	196.629
22)	L5 AR-1248-2	6.144	5.286	10528297	17903106	86.856	92.892
23)	L5 AR-1248-3	6.352	5.329	11695730	22271297	85.671	113.845 #
24)	L5 AR-1248-4	6.729	5.502	11334898	22427735	67.835	88.845 #
25)	L5 AR-1248-5	6.729f	5.895	11334898	5705662	71.303	17.965 #
26)	L6 AR-1254-1	6.729	5.855	11334898	23610039	63.594	49.406
27)	L6 AR-1254-2	6.944	6.001	10499739	24424832	36.851	54.352 #
28)	L6 AR-1254-3	7.315	6.420	6622248	54942706	21.461	70.948 #
29)	L6 AR-1254-4	7.599	6.633	4935085	7899917	20.176	13.202 #
30)	L6 AR-1254-5	8.018	7.051	39017680	92617000	144.016	134.656
31)	L7 AR-1260-1	7.477	6.536	26035913	62338838	113.028	117.157
32)	L7 AR-1260-2	7.731	6.722	31232615	91321672	107.531	114.439
33)	L7 AR-1260-3	8.091	6.878	20408707	76046608	91.161	119.574 #
34)	L7 AR-1260-4	8.329	7.349	25561362	59045569	95.928	102.104
35)	L7 AR-1260-5	8.665	7.590	51894704	167.9E6	88.592	96.648
36)	L8 AR-1262-1	8.151	7.051	10949534	92617000	91.503	250.928 #
37)	L8 AR-1262-2	8.665	7.590	51894704	167.9E6	85.002	97.626
38)	L8 AR-1262-3	9.017	7.873	35570268	39400187	84.409	55.117 #
39)	L8 AR-1262-4	9.071	7.938	19643724	119.3E6	62.048	99.272 #
40)	L8 AR-1262-5	9.791	8.451	14833901	33556111	59.386	55.137
41)	L9 AR-1268-1	9.017	7.873	35570268	39400187	46.443	18.280 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010320\
 Data File : PR044261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2020 10:52
 Operator : AJ\MA
 Sample : PB125856BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 14:37:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010220CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 03 05:25:00 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.071	7.938	19643724	119.3E6	27.373	64.012 #
43) L9	AR-1268-3	0.000	8.148	0	7208535	N.D.	4.533 #
44) L9	AR-1268-4	9.791	8.451	14833901	33556111	51.490	47.354
45) L9	AR-1268-5	10.231	8.764	6333697	13921471	2.757	2.728

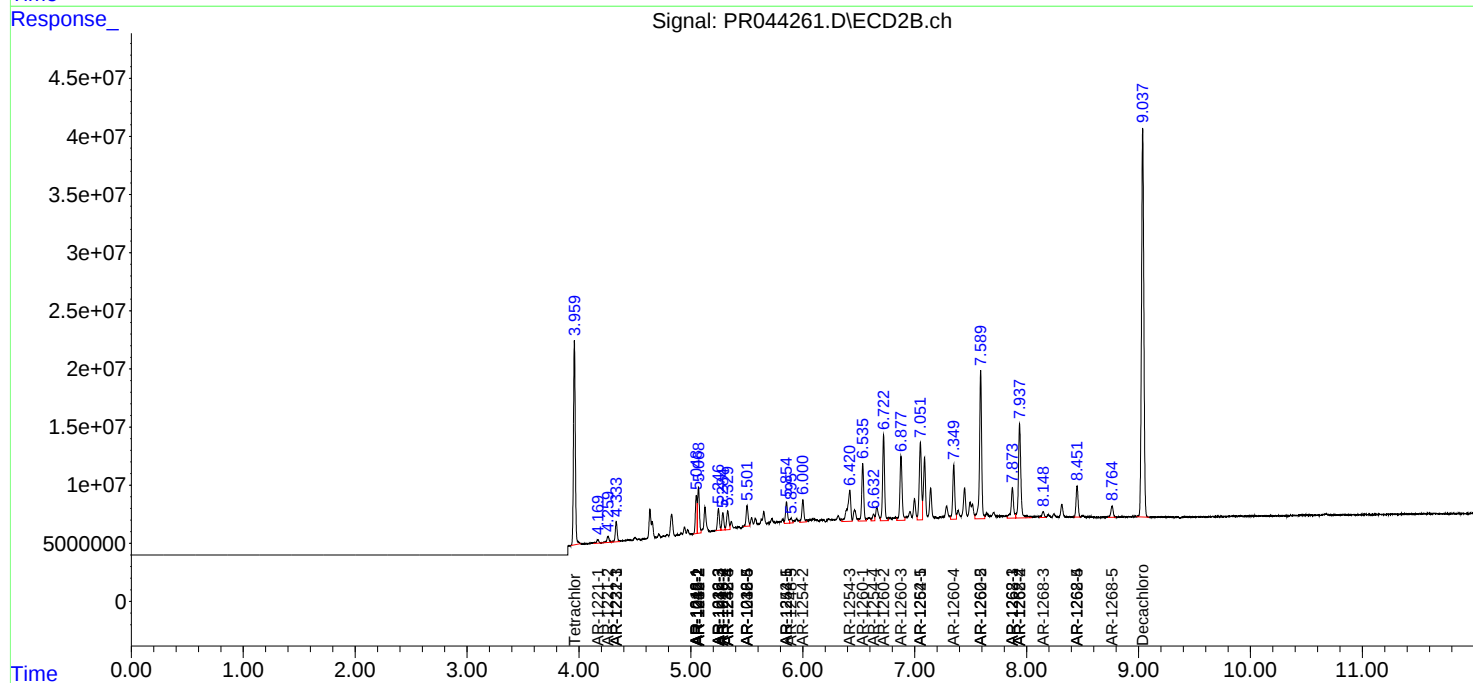
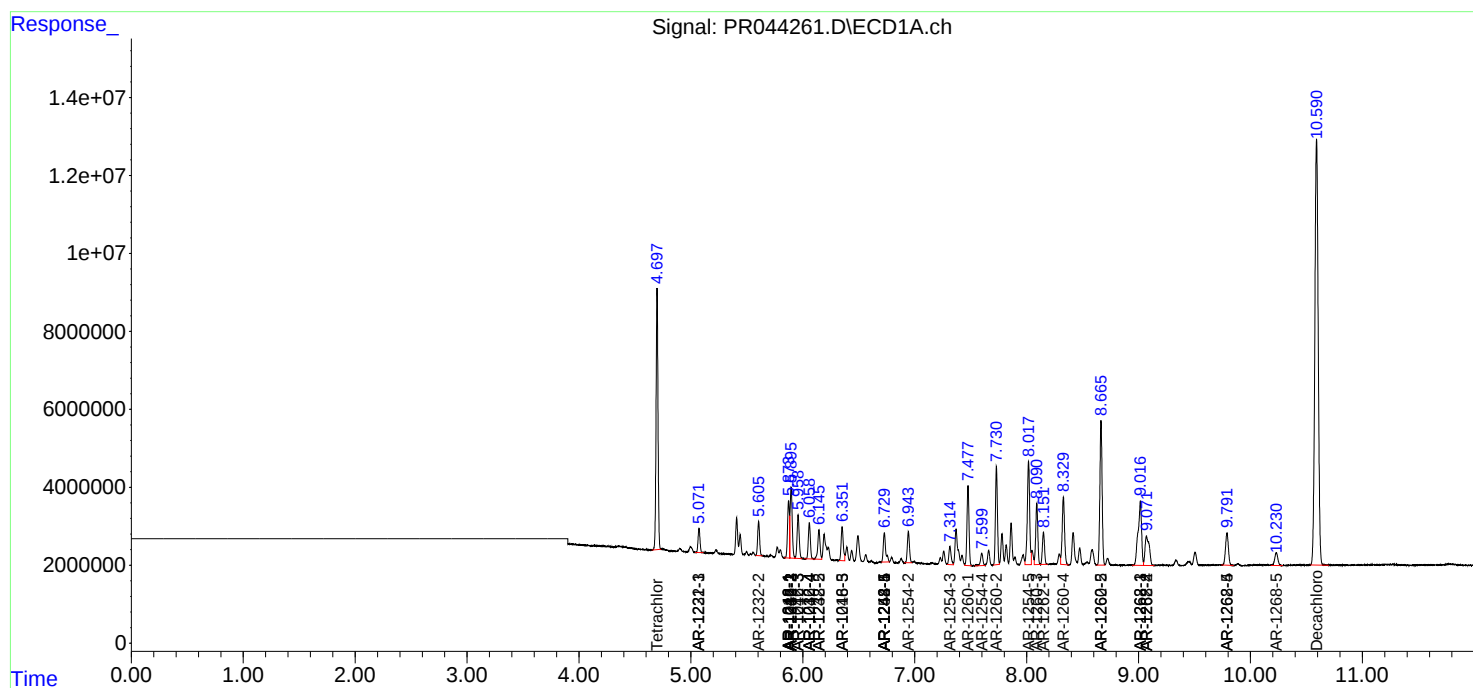
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

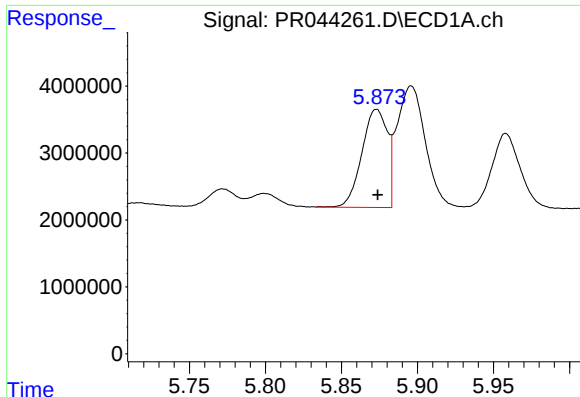
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010320\
Data File : PR044261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jan 2020 10:52
Operator : AJ\MA
Sample : PB125856BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 03 14:37:02 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010220CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 03 05:25:00 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

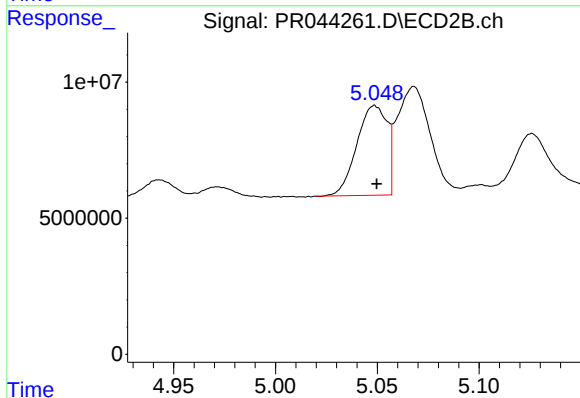




#3 AR-1016-1

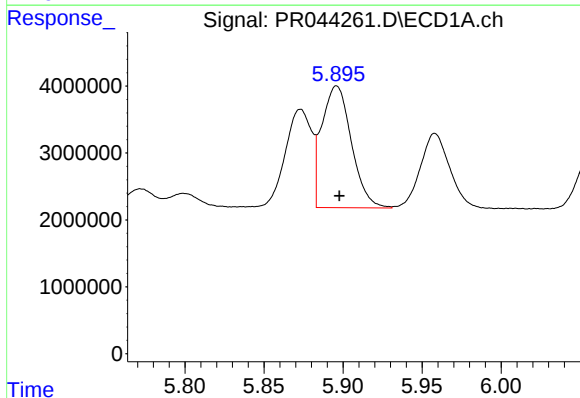
R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 17094704
Conc: 107.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



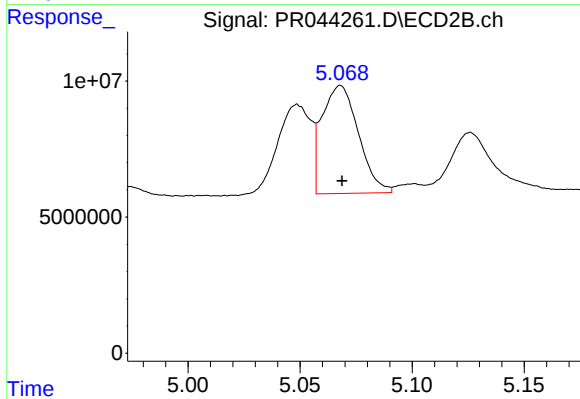
#3 AR-1016-1

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 34102297
Conc: 107.23 ng/ml



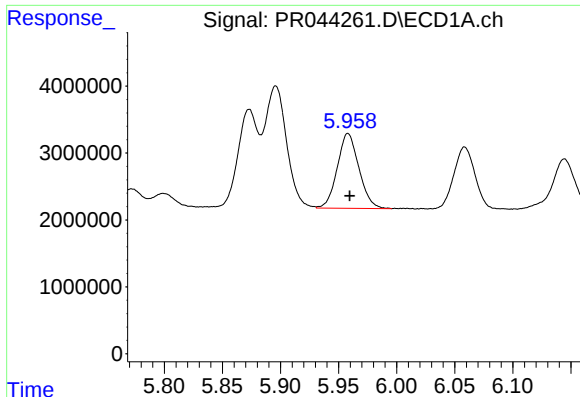
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 23727084
Conc: 104.90 ng/ml



#4 AR-1016-2

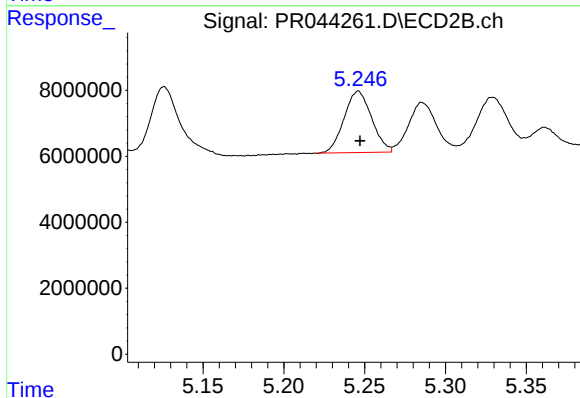
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 44960995
Conc: 105.89 ng/ml



#5 AR-1016-3

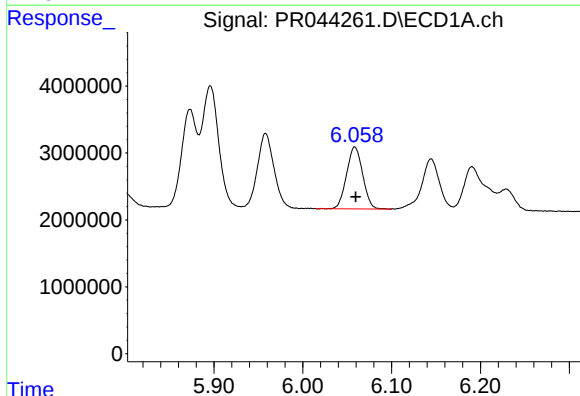
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 14524141
Conc: 105.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



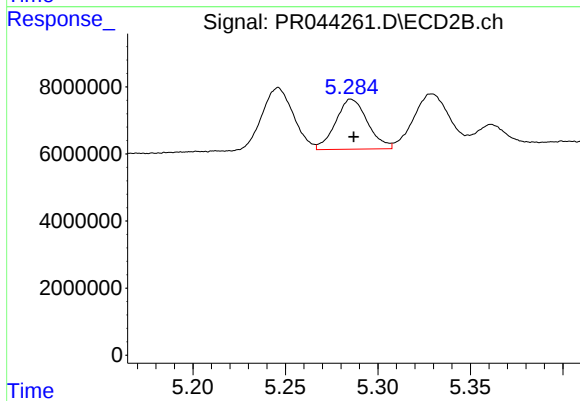
#5 AR-1016-3

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 22034975
Conc: 103.85 ng/ml



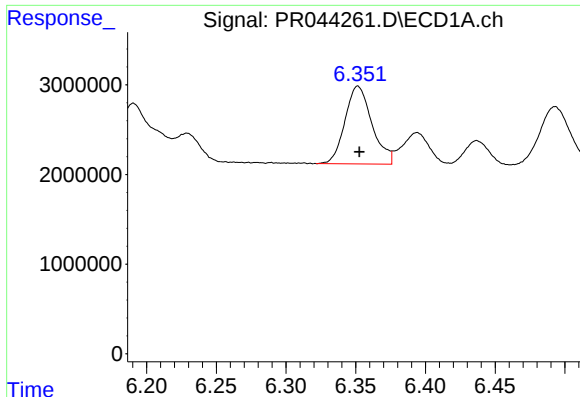
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 11678399
Conc: 102.80 ng/ml



#6 AR-1016-4

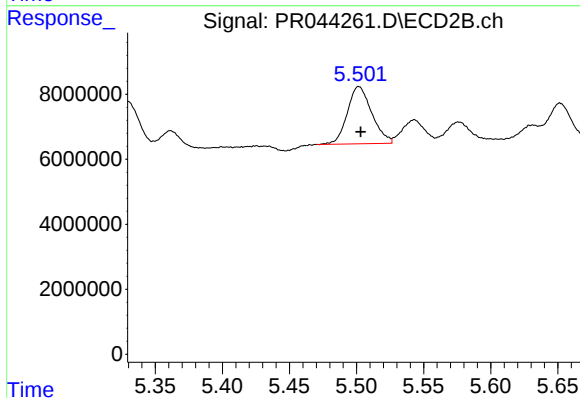
R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 17903106
Conc: 110.08 ng/ml



#7 AR-1016-5

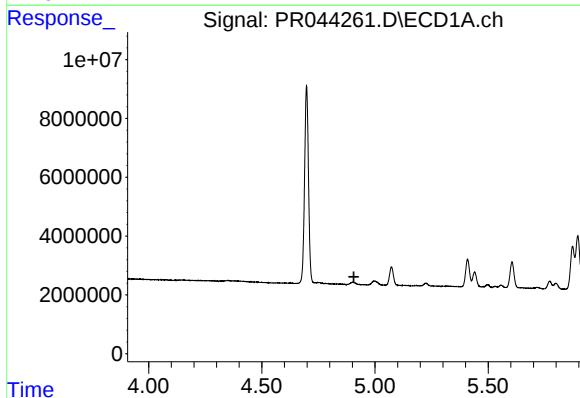
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 11695730
Conc: 102.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



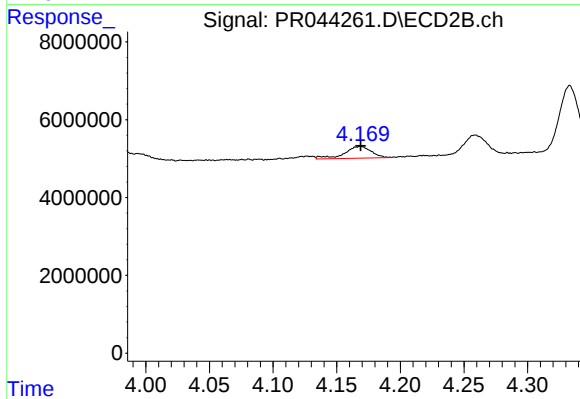
#7 AR-1016-5

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 22427735
Conc: 101.58 ng/ml



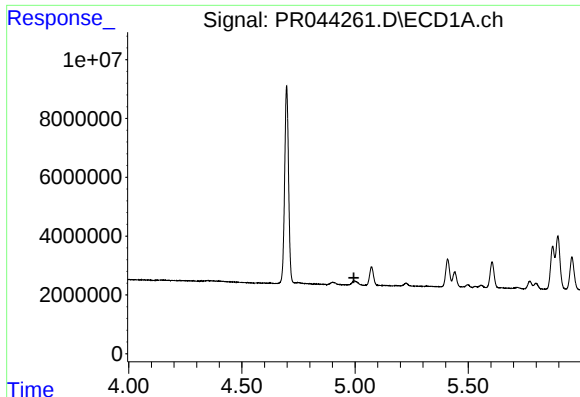
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.907 min
Response: 0
Conc: N.D.



#8 AR-1221-1

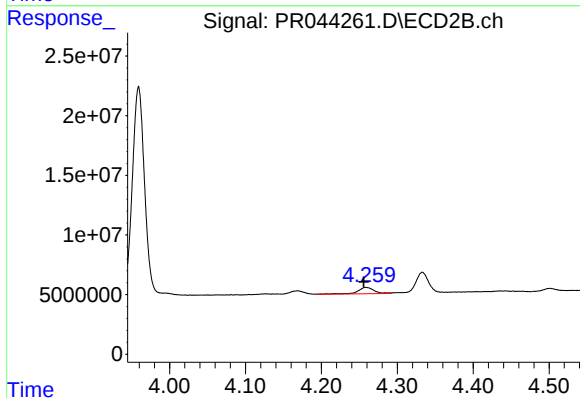
R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 4466390
Conc: 36.26 ng/ml



#9 AR-1221-2

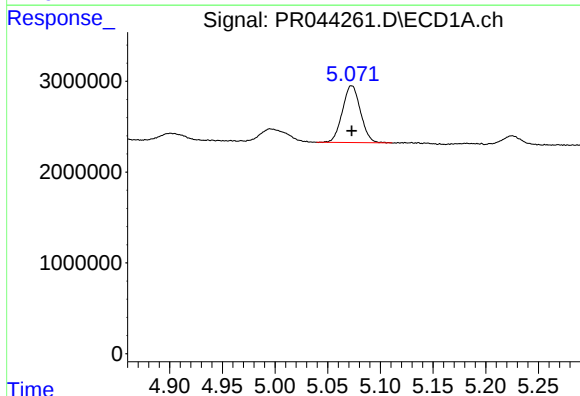
R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



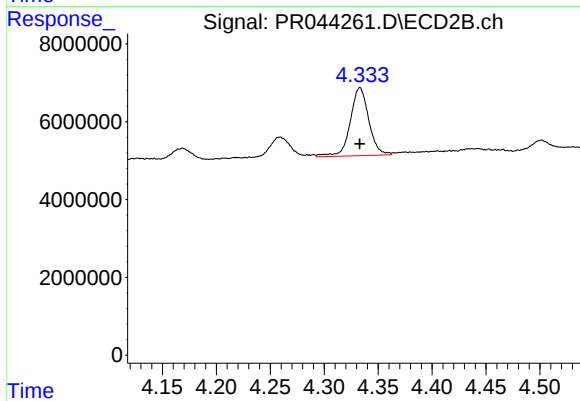
#9 AR-1221-2

R.T.: 4.259 min
Delta R.T.: 0.003 min
Response: 7939813
Conc: 90.40 ng/ml



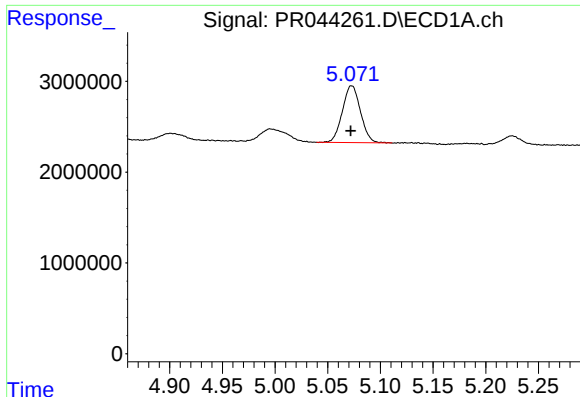
#10 AR-1221-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 7473882
Conc: 64.71 ng/ml



#10 AR-1221-3

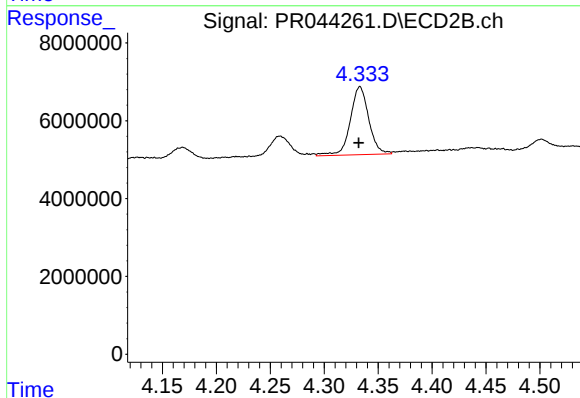
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 20871695
Conc: 71.06 ng/ml



#11 AR-1232-1

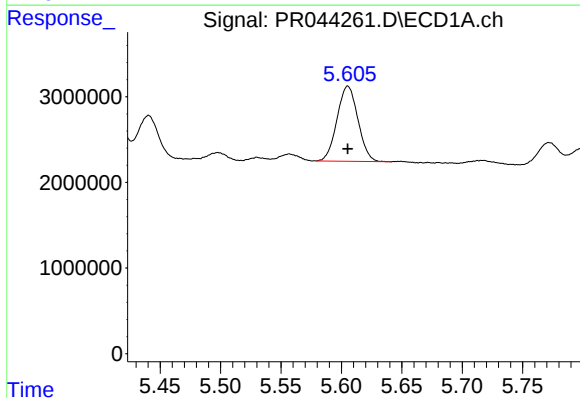
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 7473882
Conc: 80.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



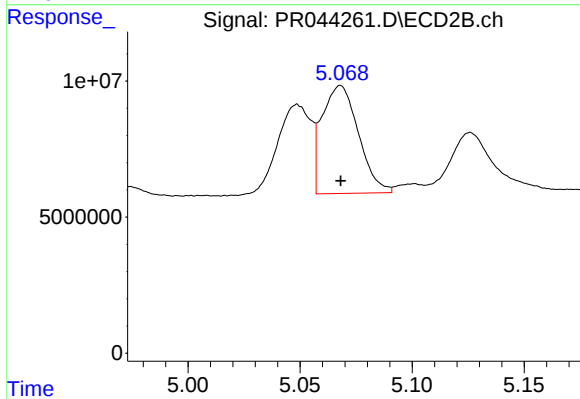
#11 AR-1232-1

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 20871695
Conc: 87.90 ng/ml



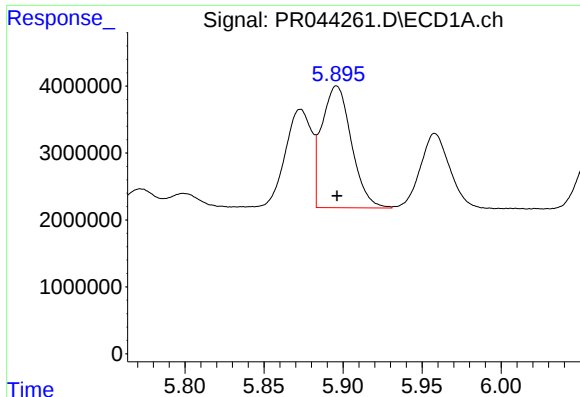
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 10583193
Conc: 214.24 ng/ml



#12 AR-1232-2

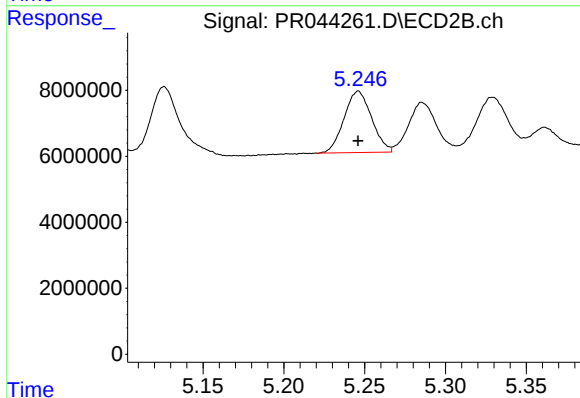
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 44960995
Conc: 222.87 ng/ml



#13 AR-1232-3

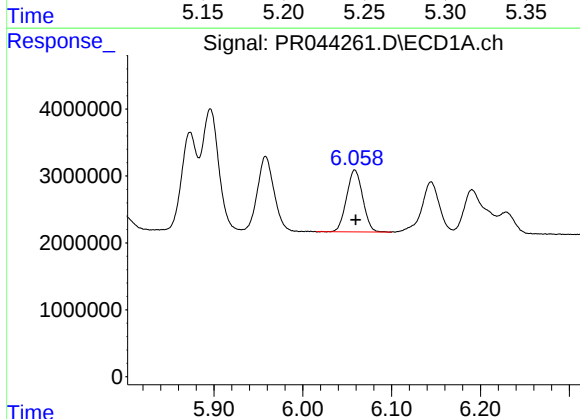
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 23727084
Conc: 228.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



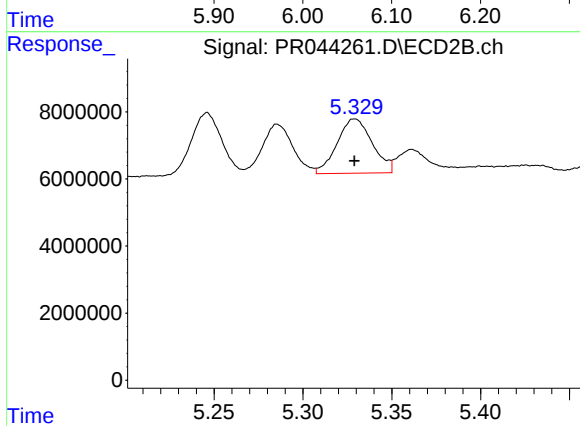
#13 AR-1232-3

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 22034975
Conc: 225.90 ng/ml



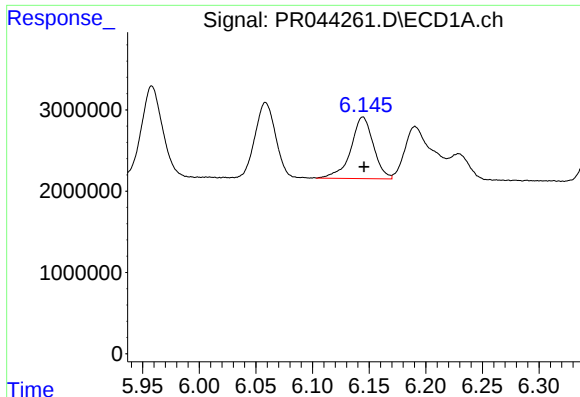
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 11678399
Conc: 224.65 ng/ml



#14 AR-1232-4

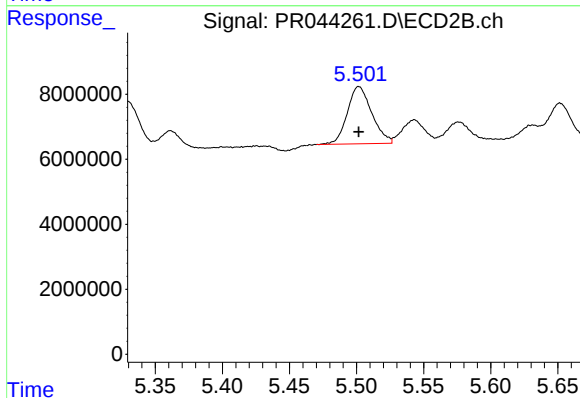
R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 22271297
Conc: 276.77 ng/ml



#15 AR-1232-5

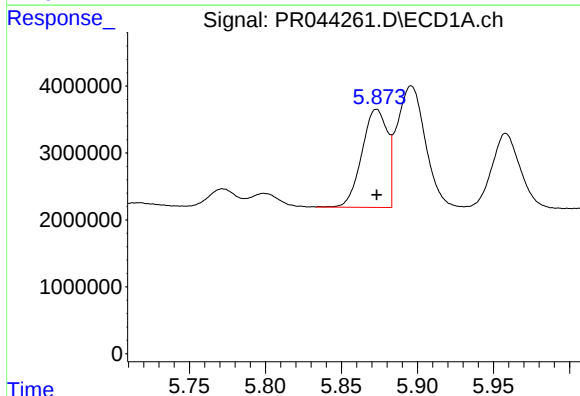
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 10528297
Conc: 273.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



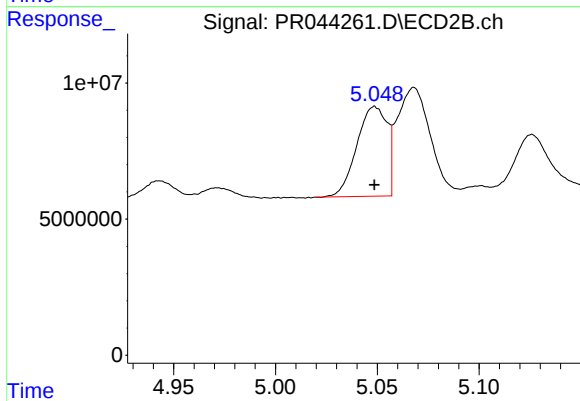
#15 AR-1232-5

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 22427735
Conc: 245.20 ng/ml



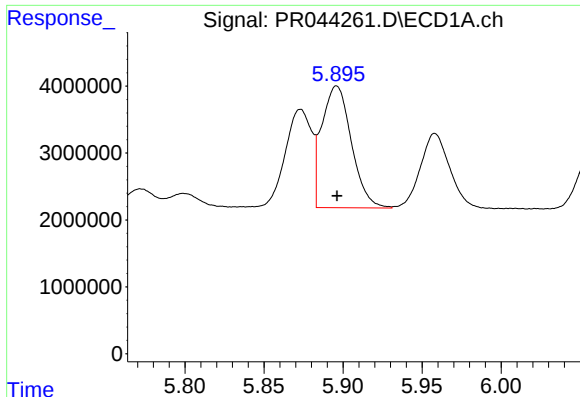
#16 AR-1242-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 17094704
Conc: 97.31 ng/ml



#16 AR-1242-1

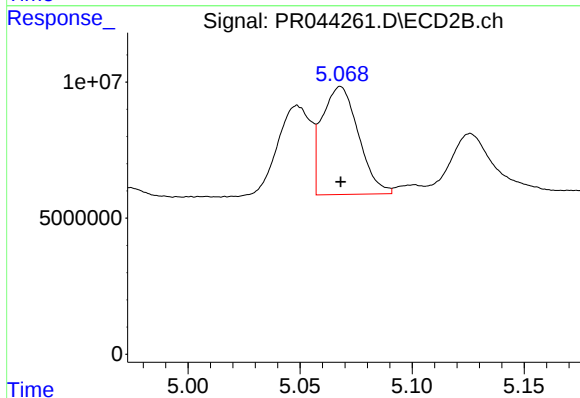
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 34102297
Conc: 94.32 ng/ml



#17 AR-1242-2

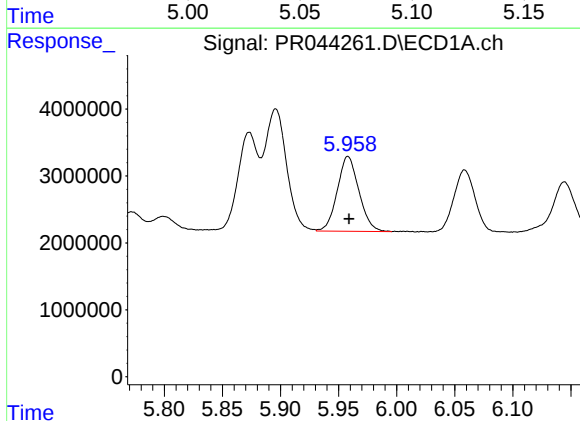
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 23727084
Conc: 98.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



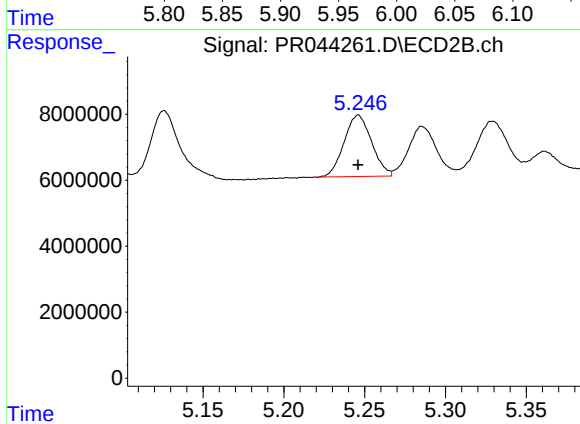
#17 AR-1242-2

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 44960995
Conc: 92.68 ng/ml



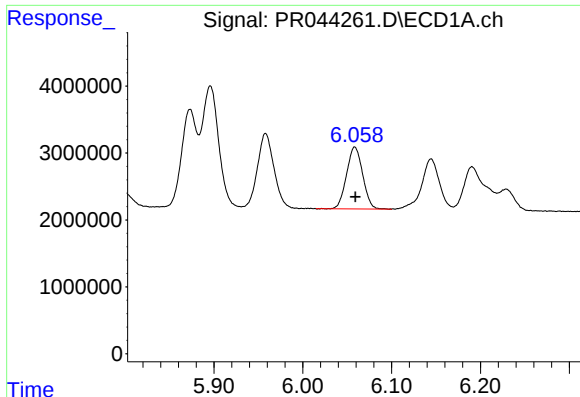
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 14524141
Conc: 96.25 ng/ml



#18 AR-1242-3

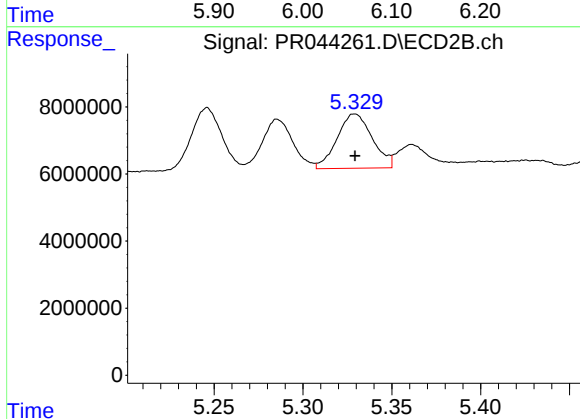
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 22034975
Conc: 95.08 ng/ml



#19 AR-1242-4

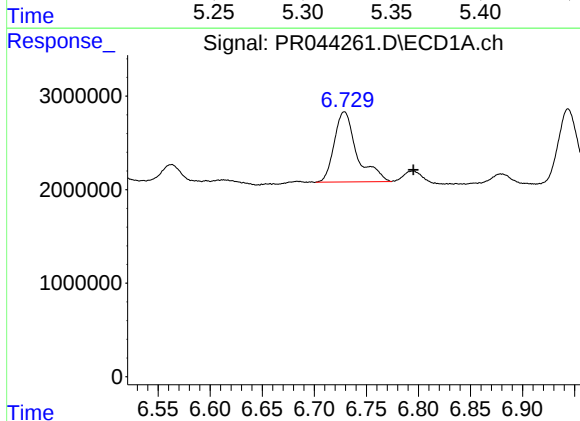
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 11678399
Conc: 96.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



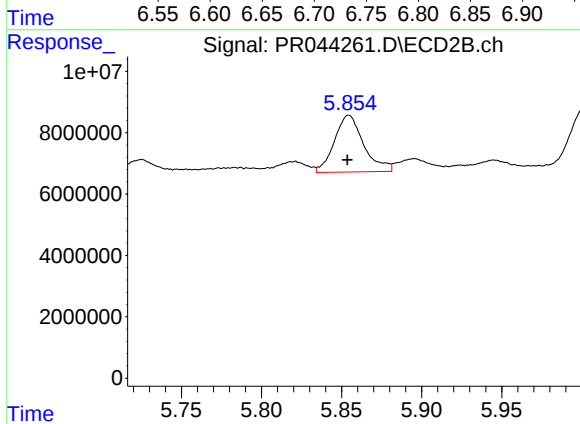
#19 AR-1242-4

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 22271297
Conc: 107.11 ng/ml



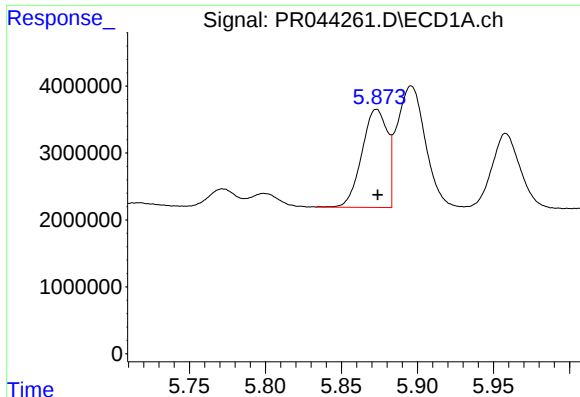
#20 AR-1242-5

R.T.: 6.729 min
Delta R.T.: -0.066 min
Response: 11334898
Conc: 80.84 ng/ml



#20 AR-1242-5

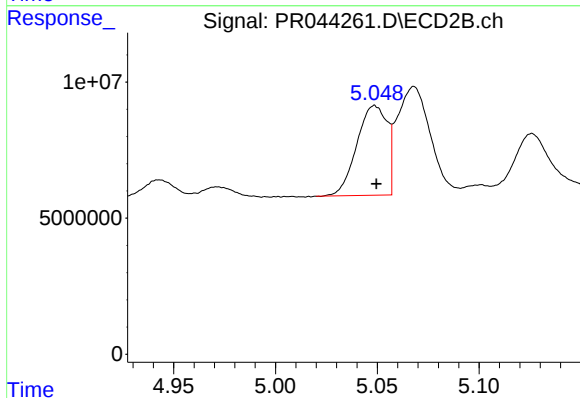
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 23610039
Conc: 67.18 ng/ml



#21 AR-1248-1

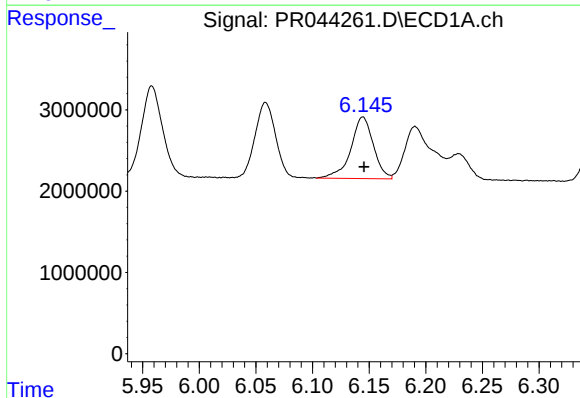
R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 17094704
Conc: 195.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



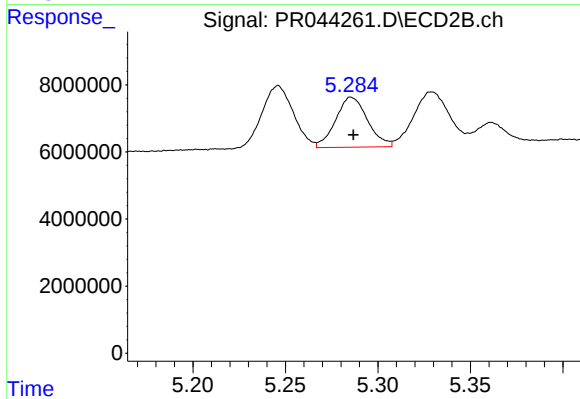
#21 AR-1248-1

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 34102297
Conc: 196.63 ng/ml



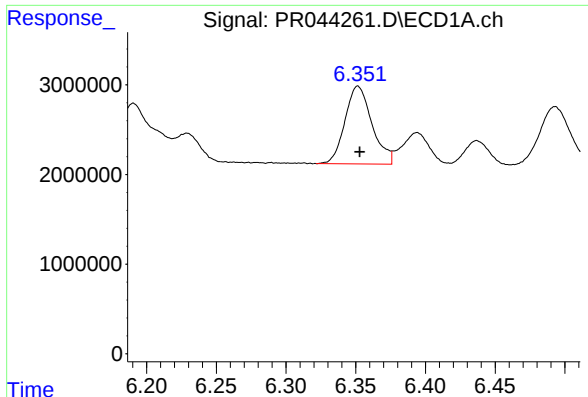
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 10528297
Conc: 86.86 ng/ml



#22 AR-1248-2

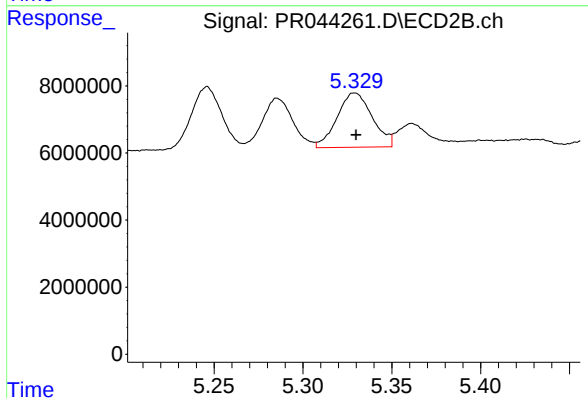
R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 17903106
Conc: 92.89 ng/ml



#23 AR-1248-3

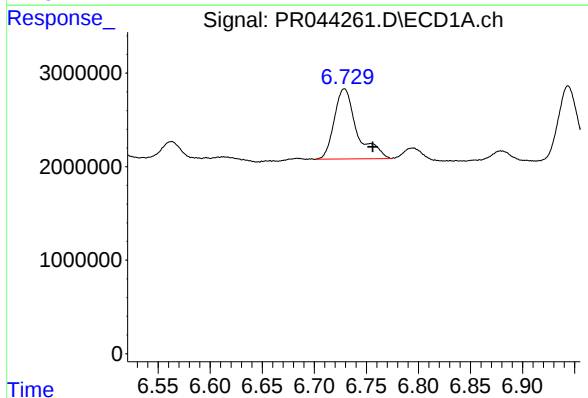
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 11695730
Conc: 85.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



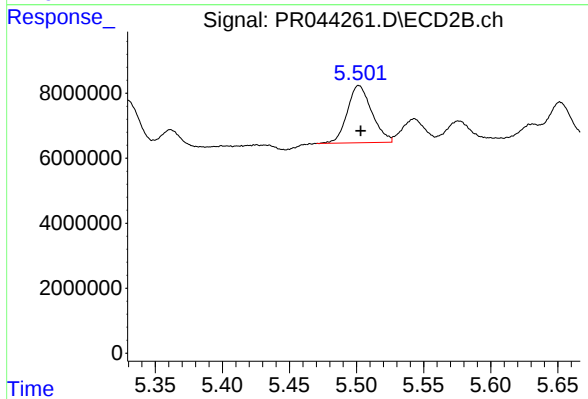
#23 AR-1248-3

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 22271297
Conc: 113.85 ng/ml



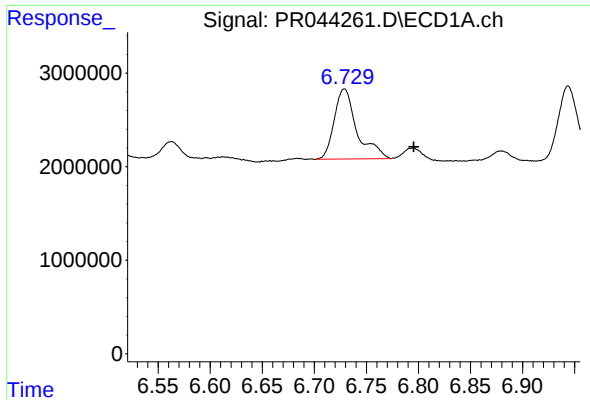
#24 AR-1248-4

R.T.: 6.729 min
Delta R.T.: -0.027 min
Response: 11334898
Conc: 67.83 ng/ml



#24 AR-1248-4

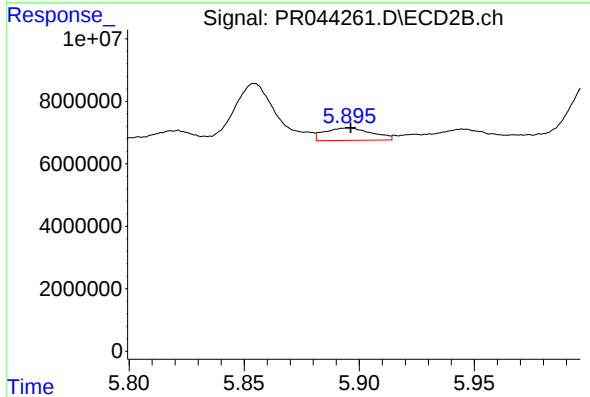
R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 22427735
Conc: 88.85 ng/ml



#25 AR-1248-5

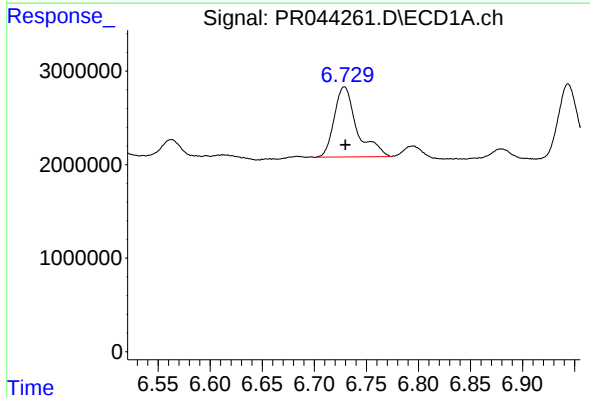
R.T.: 6.729 min
Delta R.T.: -0.067 min
Response: 11334898
Conc: 71.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



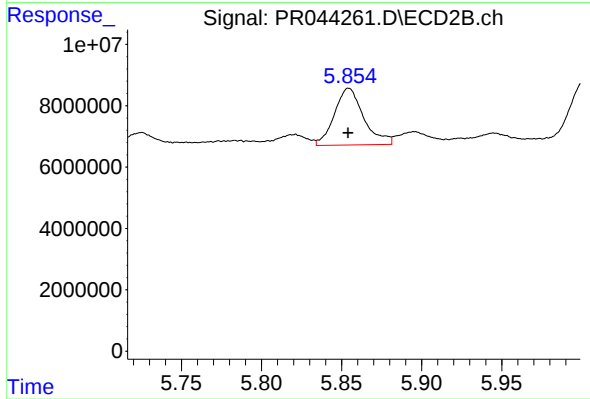
#25 AR-1248-5

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 5705662
Conc: 17.97 ng/ml



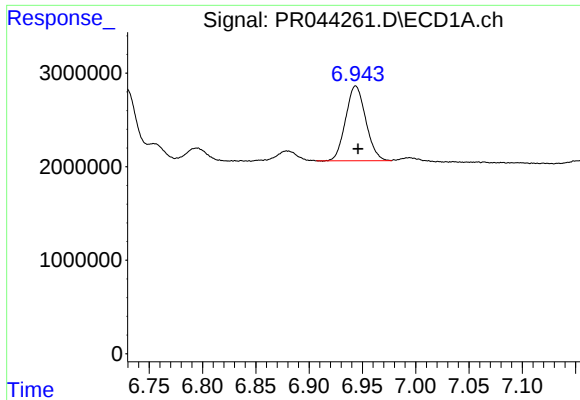
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 11334898
Conc: 63.59 ng/ml



#26 AR-1254-1

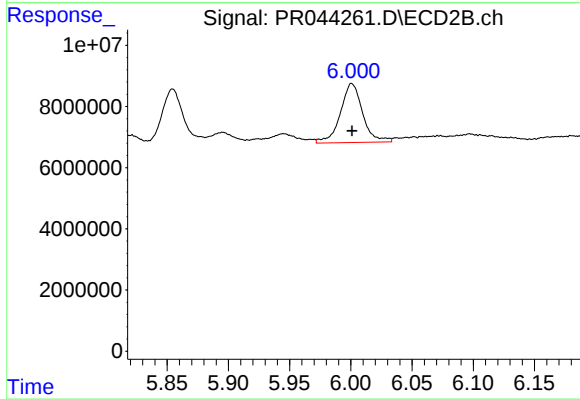
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 23610039
Conc: 49.41 ng/ml



#27 AR-1254-2

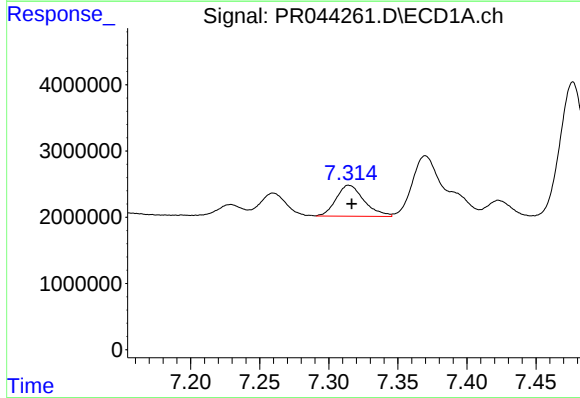
R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 10499739
Conc: 36.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



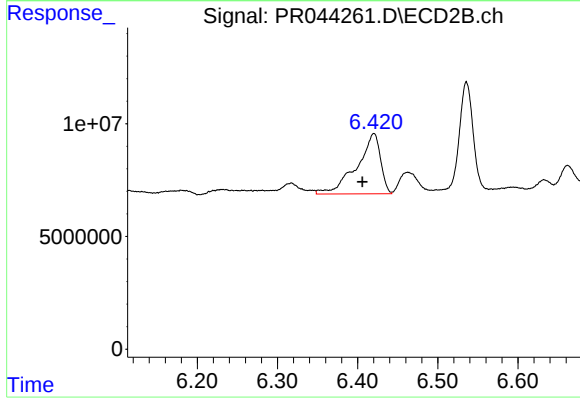
#27 AR-1254-2

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 24424832
Conc: 54.35 ng/ml



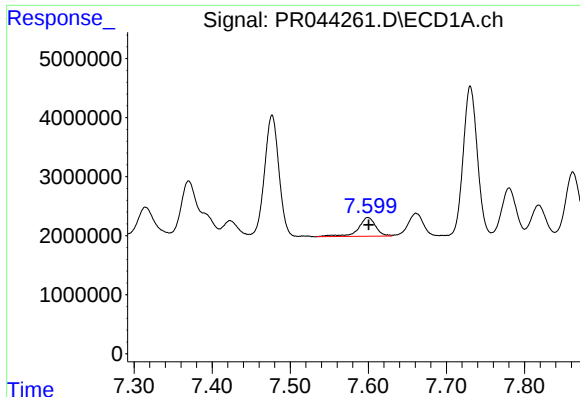
#28 AR-1254-3

R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 6622248
Conc: 21.46 ng/ml



#28 AR-1254-3

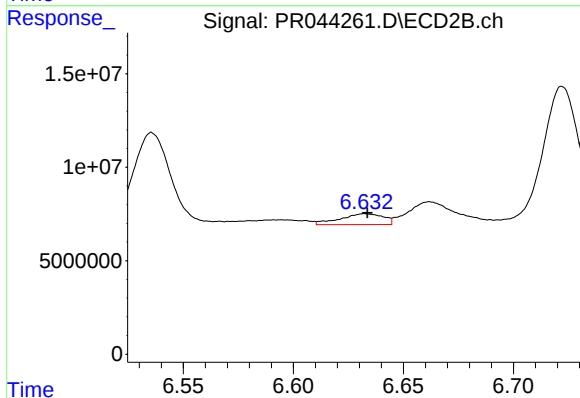
R.T.: 6.420 min
Delta R.T.: 0.015 min
Response: 54942706
Conc: 70.95 ng/ml



#29 AR-1254-4

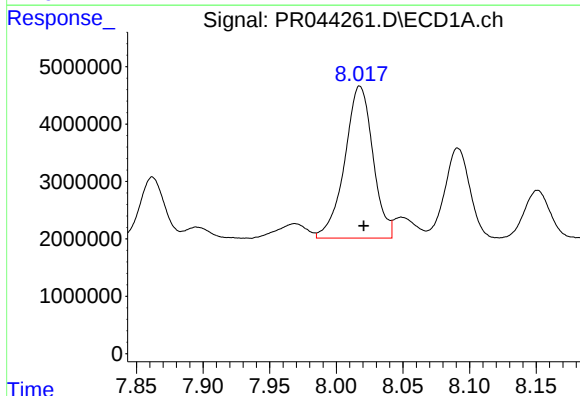
R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 4935085
Conc: 20.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



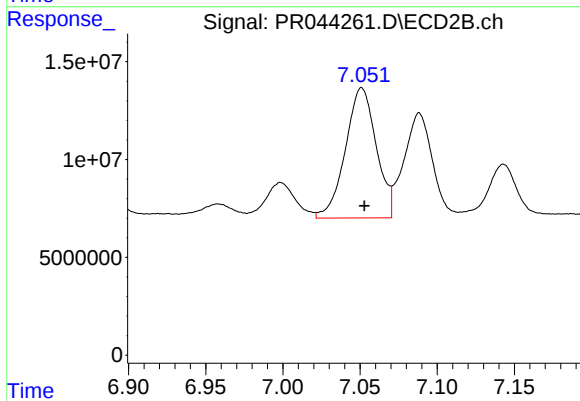
#29 AR-1254-4

R.T.: 6.633 min
Delta R.T.: -0.001 min
Response: 7899917
Conc: 13.20 ng/ml



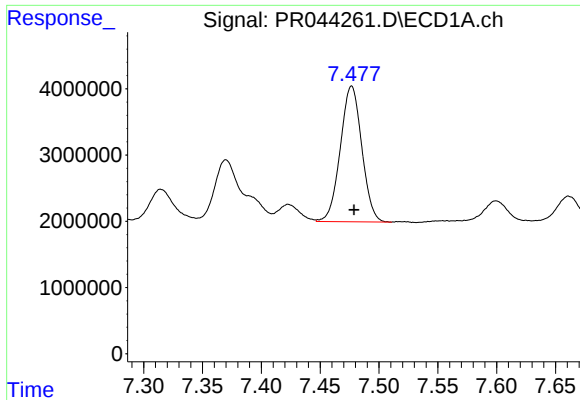
#30 AR-1254-5

R.T.: 8.018 min
Delta R.T.: -0.003 min
Response: 39017680
Conc: 144.02 ng/ml



#30 AR-1254-5

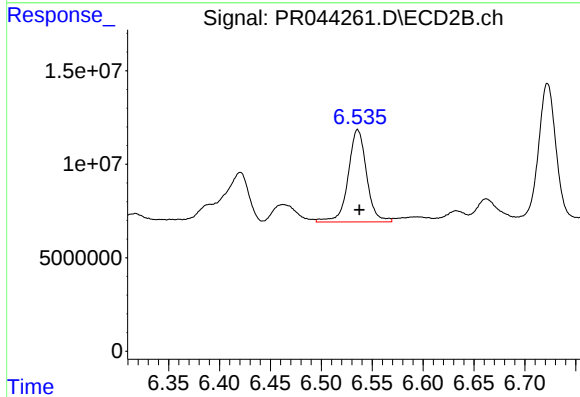
R.T.: 7.051 min
Delta R.T.: -0.002 min
Response: 92617000
Conc: 134.66 ng/ml



#31 AR-1260-1

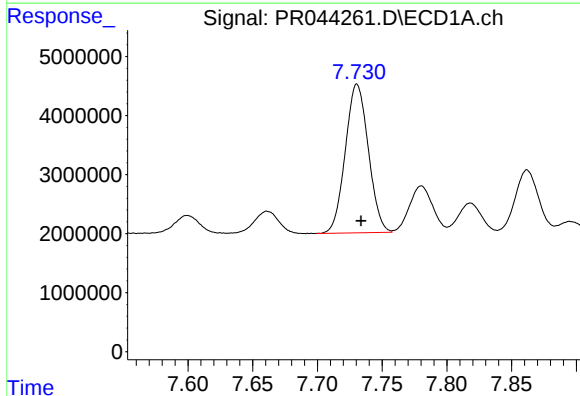
R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 26035913
Conc: 113.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



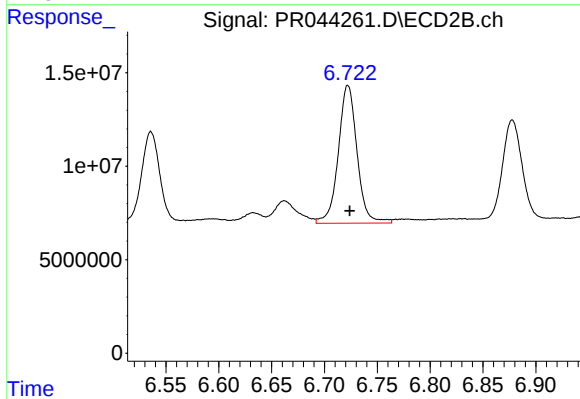
#31 AR-1260-1

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 62338838
Conc: 117.16 ng/ml



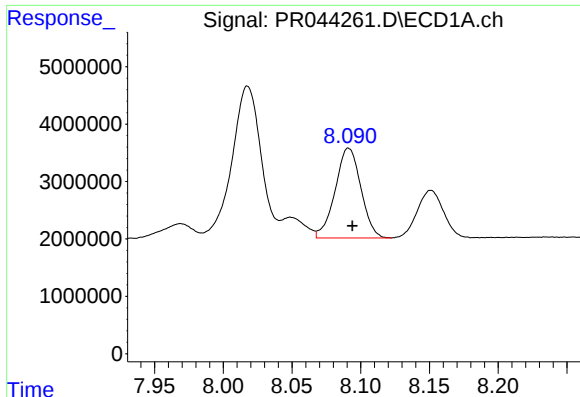
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 31232615
Conc: 107.53 ng/ml



#32 AR-1260-2

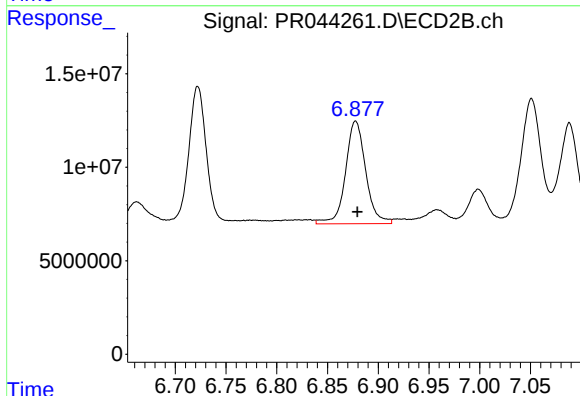
R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 91321672
Conc: 114.44 ng/ml



#33 AR-1260-3

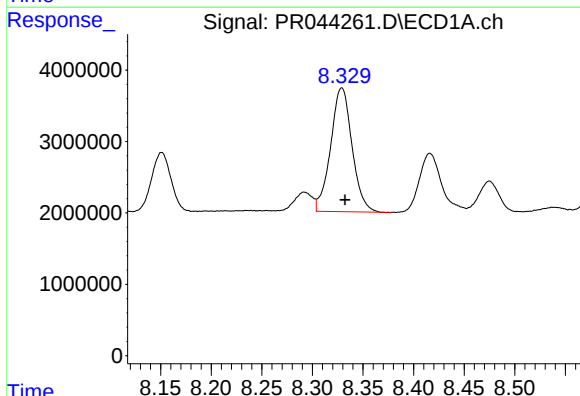
R.T.: 8.091 min
Delta R.T.: -0.003 min
Response: 20408707
Conc: 91.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



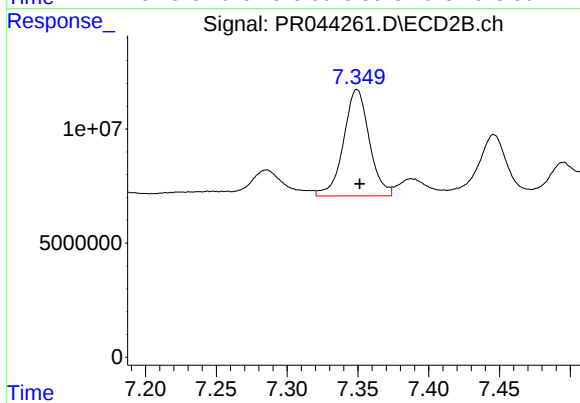
#33 AR-1260-3

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 76046608
Conc: 119.57 ng/ml



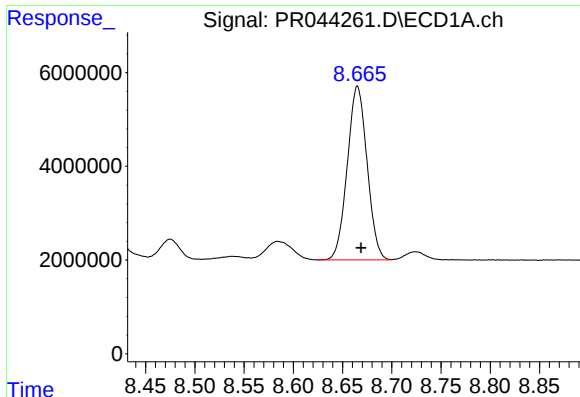
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.003 min
Response: 25561362
Conc: 95.93 ng/ml



#34 AR-1260-4

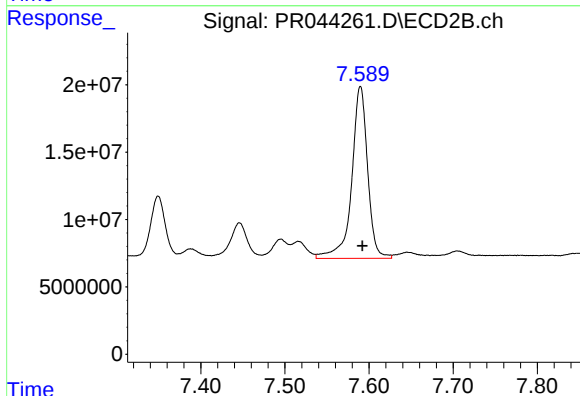
R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 59045569
Conc: 102.10 ng/ml



#35 AR-1260-5

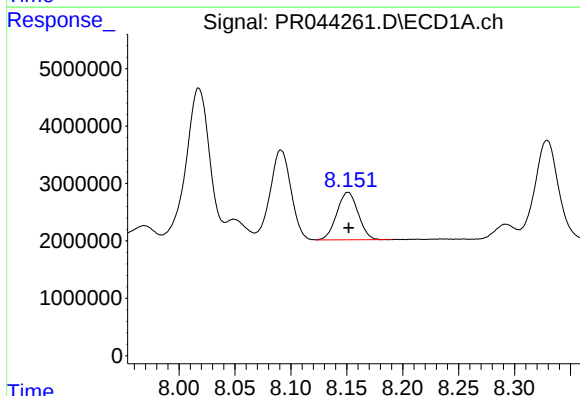
R.T.: 8.665 min
Delta R.T.: -0.004 min
Response: 51894704
Conc: 88.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



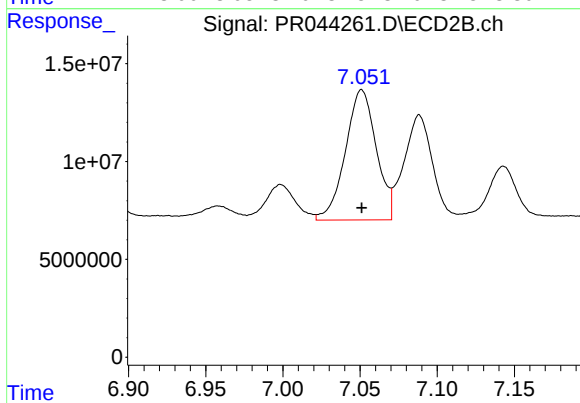
#35 AR-1260-5

R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 167884109
Conc: 96.65 ng/ml



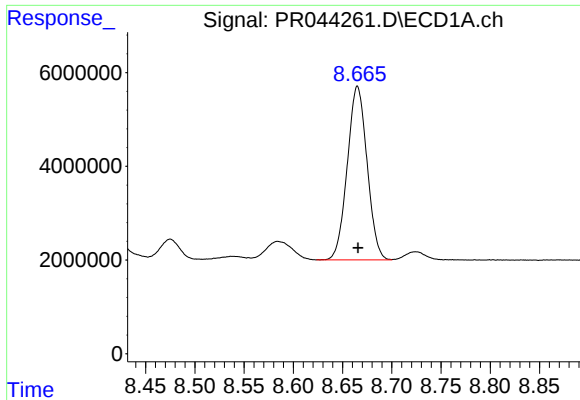
#36 AR-1262-1

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 10949534
Conc: 91.50 ng/ml



#36 AR-1262-1

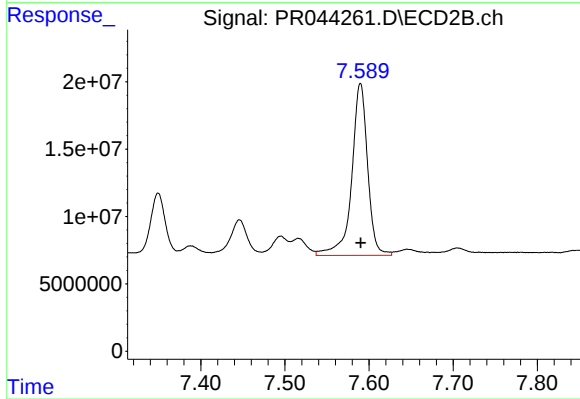
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 92617000
Conc: 250.93 ng/ml



#37 AR-1262-2

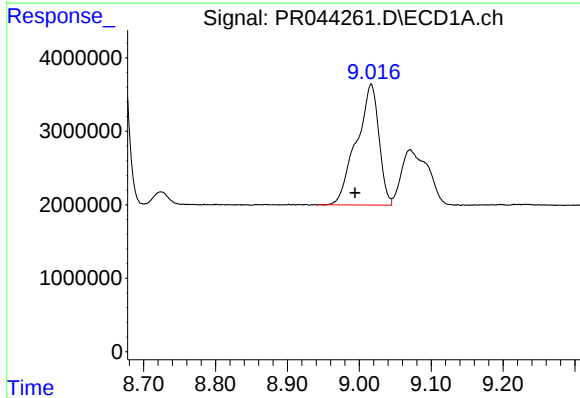
R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 51894704
Conc: 85.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



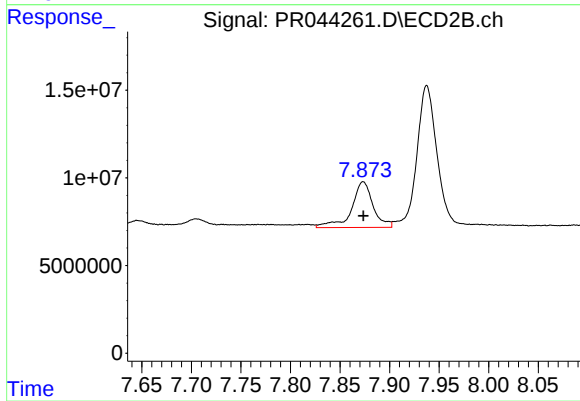
#37 AR-1262-2

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 167884109
Conc: 97.63 ng/ml



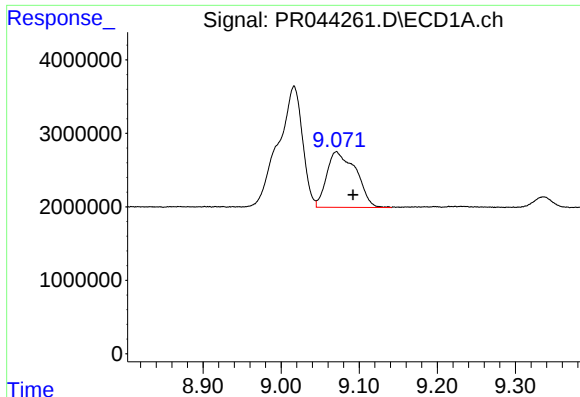
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.022 min
Response: 35570268
Conc: 84.41 ng/ml



#38 AR-1262-3

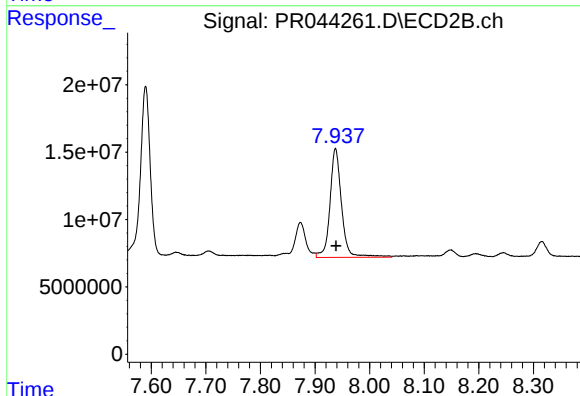
R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 39400187
Conc: 55.12 ng/ml



#39 AR-1262-4

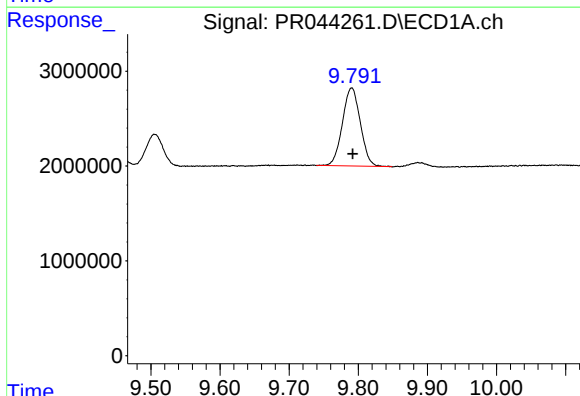
R.T.: 9.071 min
Delta R.T.: -0.021 min
Response: 19643724
Conc: 62.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



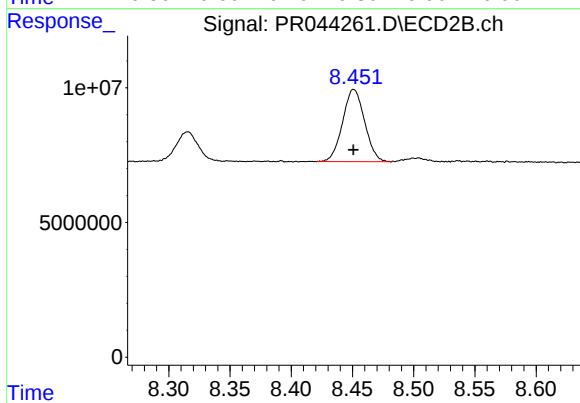
#39 AR-1262-4

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 119321583
Conc: 99.27 ng/ml



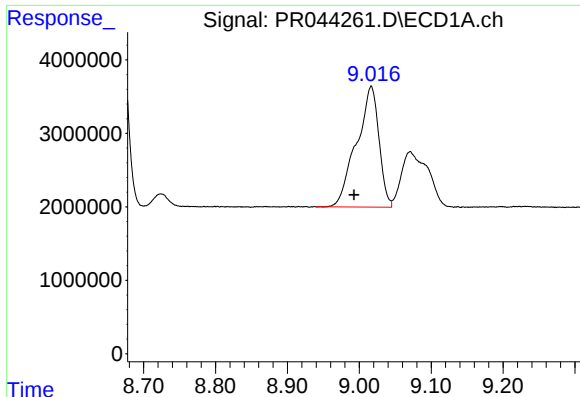
#40 AR-1262-5

R.T.: 9.791 min
Delta R.T.: -0.001 min
Response: 14833901
Conc: 59.39 ng/ml



#40 AR-1262-5

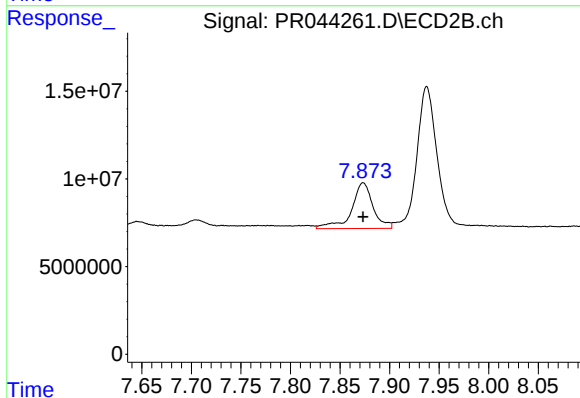
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 33556111
Conc: 55.14 ng/ml



#41 AR-1268-1

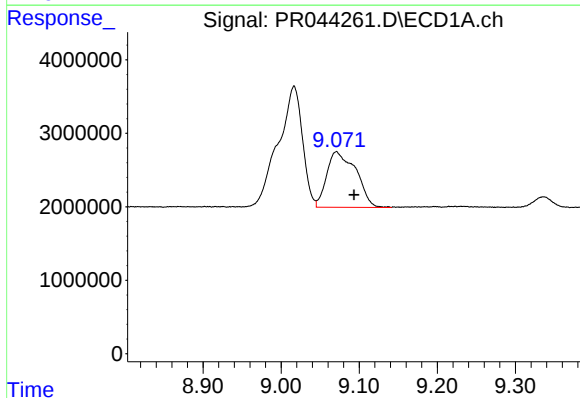
R.T.: 9.017 min
Delta R.T.: 0.024 min
Response: 35570268
Conc: 46.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



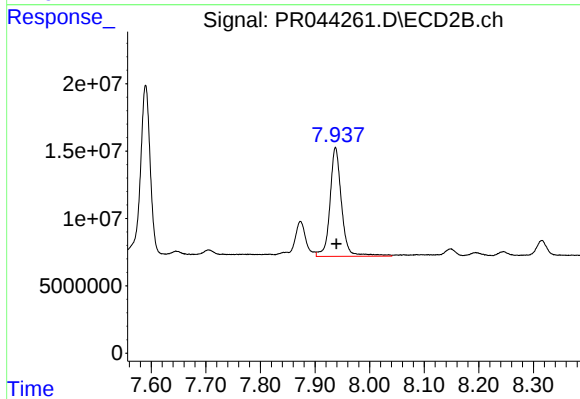
#41 AR-1268-1

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 39400187
Conc: 18.28 ng/ml



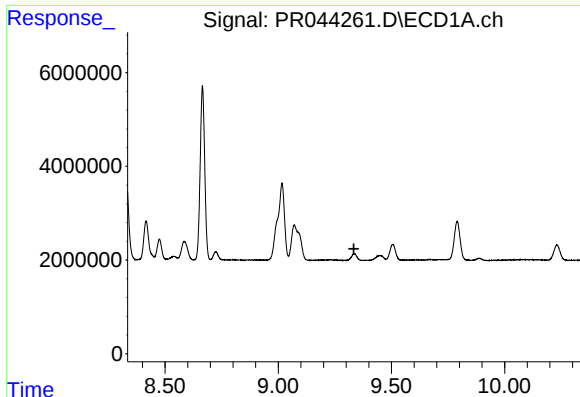
#42 AR-1268-2

R.T.: 9.071 min
Delta R.T.: -0.023 min
Response: 19643724
Conc: 27.37 ng/ml



#42 AR-1268-2

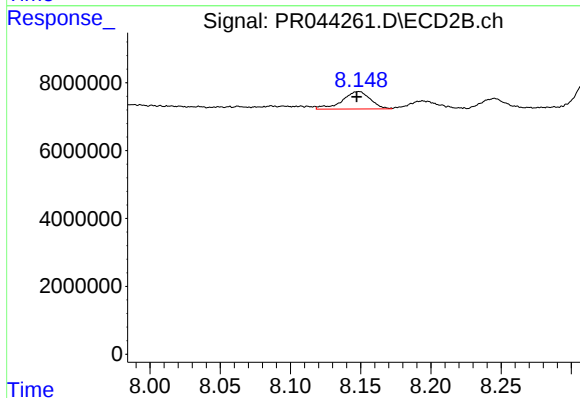
R.T.: 7.938 min
Delta R.T.: -0.001 min
Response: 119321583
Conc: 64.01 ng/ml



#43 AR-1268-3

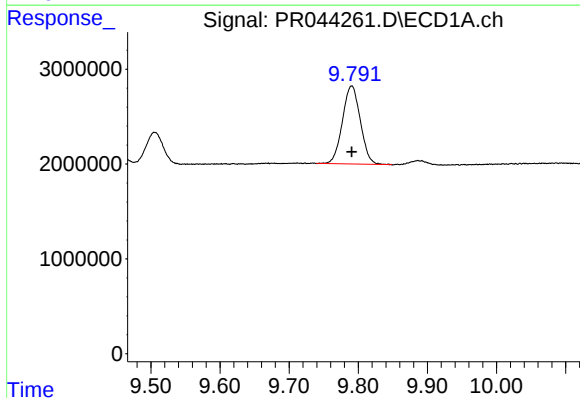
R.T.: 0.000 min
Exp R.T.: 9.334 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



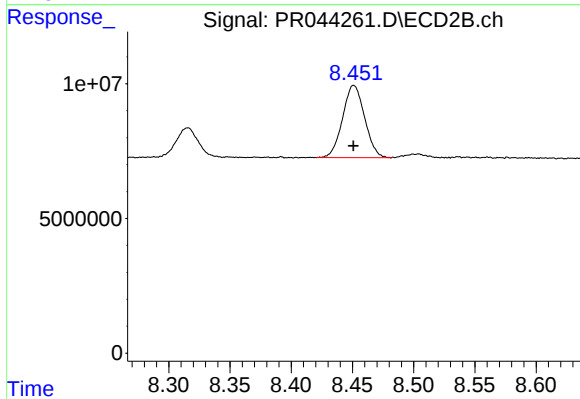
#43 AR-1268-3

R.T.: 8.148 min
Delta R.T.: 0.001 min
Response: 7208535
Conc: 4.53 ng/ml



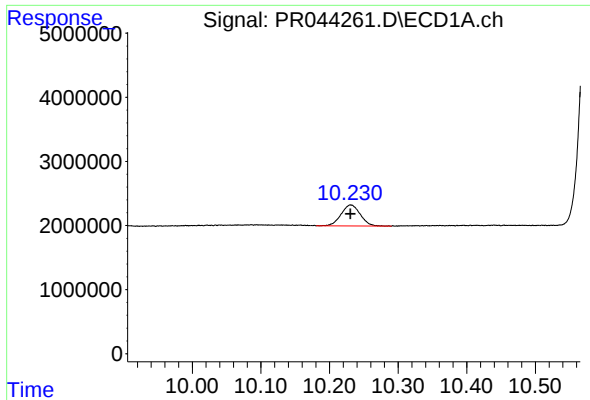
#44 AR-1268-4

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 14833901
Conc: 51.49 ng/ml



#44 AR-1268-4

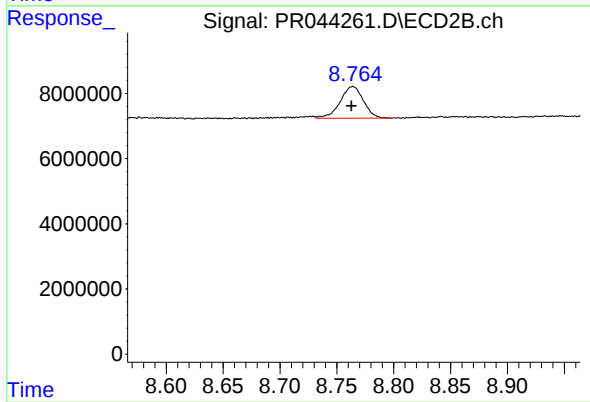
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 33556111
Conc: 47.35 ng/ml



#45 AR-1268-5

R.T.: 10.231 min
Delta R.T.: 0.000 min
Response: 6333697
Conc: 2.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.764 min
Delta R.T.: 0.001 min
Response: 13921471
Conc: 2.73 ng/ml