

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030519\
 Data File : PR035920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 18:35
 Operator : SM\SJ
 Sample : K1712-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 Z-4-2-AB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 01:21:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 02 03:49:12 2019
 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...	4.409	3.483	34951874	120.9E6	21.992	23.029
2)	SA Decachlor...	10.074	8.356	25048740	84467410	15.663	12.869
Target Compounds							
3)	L1 AR-1016-1	5.574	4.527	2431651	15091851	45.448	81.110 #
4)	L1 AR-1016-2	5.574	4.527	2431651	15091851	27.825	52.048 #
5)	L1 AR-1016-3	5.635	4.744	1648723	63370038	31.164	414.007 #
6)	L1 AR-1016-4	5.794	4.744	9045338	63370038	210.277	526.843 #
7)	L1 AR-1016-5	6.045	4.954	11640804	8310100	259.533	51.251 #
9)	L2 AR-1221-2	0.000	3.776	0	2069178	N.D.	40.415 #
10)	L2 AR-1221-3	0.000	3.905	0	17461687	N.D.	97.963 #
11)	L3 AR-1232-1	0.000	3.905	0	17461687	N.D.	178.575 #
12)	L3 AR-1232-2	0.000	4.527	0	15091851	N.D.	128.667 #
13)	L3 AR-1232-3	5.574	4.744	2431651	63370038	69.226	1069.062 #
14)	L3 AR-1232-4	5.794	4.831	9045338	16415214	528.616	320.339 #
15)	L3 AR-1232-5	5.895	4.954	2805920	8310100	200.764	142.253 #
16)	L4 AR-1242-1	5.574	4.527	2431651	15091851	55.497	101.437 #
17)	L4 AR-1242-2	5.574	4.527	2431651	15091851	35.501	64.535 #
18)	L4 AR-1242-3	5.635	4.744	1648723	63370038	39.449	527.453 #
19)	L4 AR-1242-4	5.794	4.831	9045338	16415214	263.293	143.487 #
20)	L4 AR-1242-5	6.513	5.324	7838555	20244713	190.721	114.710 #
21)	L5 AR-1248-1	5.574	4.527	2431651	15091851	69.344	125.358 #
22)	L5 AR-1248-2	5.895	4.744	2805920	63370038	53.428	384.785 #
23)	L5 AR-1248-3	6.045	4.831	11640804	16415214	196.296	96.999 #
24)	L5 AR-1248-4	6.431	4.954	7261661	8310100	104.905	35.543 #
25)	L5 AR-1248-5	6.513	5.390	7838555	5841778	118.297	24.691 #
26)	L6 AR-1254-1	6.431	5.324	7261661	20244713	115.723	68.254 #
27)	L6 AR-1254-2	6.638	5.463	7279056	7593951	79.941	29.134 #
28)	L6 AR-1254-3	7.006	5.858	7117190	28612041	68.354	64.515
29)	L6 AR-1254-4	7.286	6.083	1567899	7183029	20.021	22.920
30)	L6 AR-1254-5	7.702	6.492	6451138	31458495	66.502	75.149
31)	L7 AR-1260-1	7.162	5.985	6309395	20199738	64.976	55.468
32)	L7 AR-1260-2	7.414	6.173	8280407	40283873	71.950	77.118
33)	L7 AR-1260-3	7.775	6.320	2591262	16907246	35.206	38.627
34)	L7 AR-1260-4	7.998	6.784	4468492	9517552	47.361	30.740 #
35)	L7 AR-1260-5	8.316	7.025	4319212	23410675	25.614	25.920
36)	L8 AR-1262-1	7.775	6.590	2591262	18071442	24.181	89.729 #
37)	L8 AR-1262-2	8.316	7.025	4319212	23410675	21.711	22.466
38)	L8 AR-1262-3	8.639	7.303	3017371	7319414	22.260	17.882
39)	L8 AR-1262-4	0.000	7.366	0	17988954	N.D.	24.880 #
40)	L8 AR-1262-5	0.000	7.858	0	4577857	N.D.	13.934 #
41)	L9 AR-1268-1	8.639	7.303	3017371	7319414	12.527	5.790 #
42)	L9 AR-1268-2	0.000	7.366	0	17988954	N.D.	15.865 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030519\
 Data File : PR035920.D
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 Operator : SM\SJ
 Sample : K1712-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

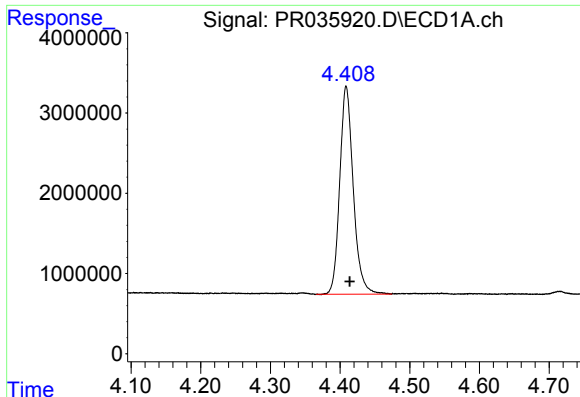
Instrument :
 ECD_R
 ClientSampleId :
 Z-4-2-AB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 01:21:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030119.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	0.000	7.564	0	9878235	N.D.	10.070 #
44) L9	AR-1268-4	0.000	7.858	0	4577857	N.D.	12.798 #
45) L9	AR-1268-5	0.000	8.127	0	6710490	N.D.	2.522 #

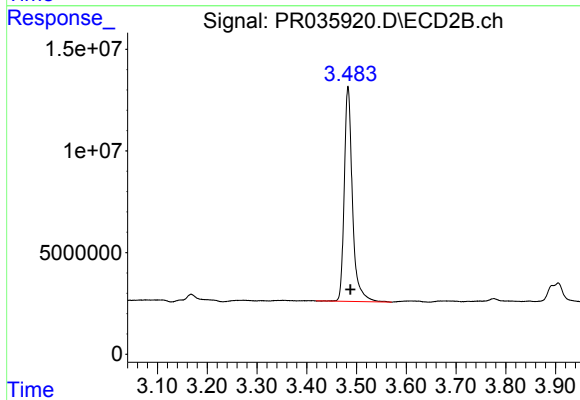
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

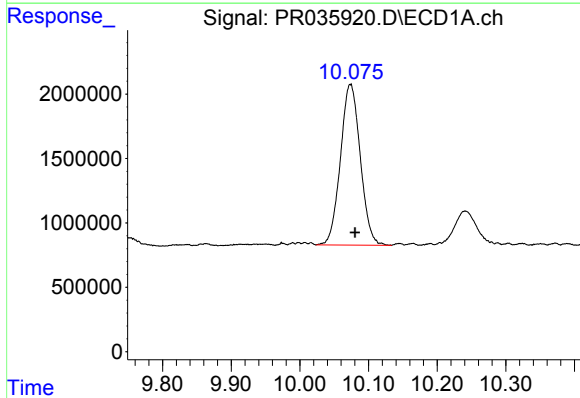
R.T.: 4.409 min
Delta R.T.: -0.005 min
Response: 34951874
Conc: 21.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



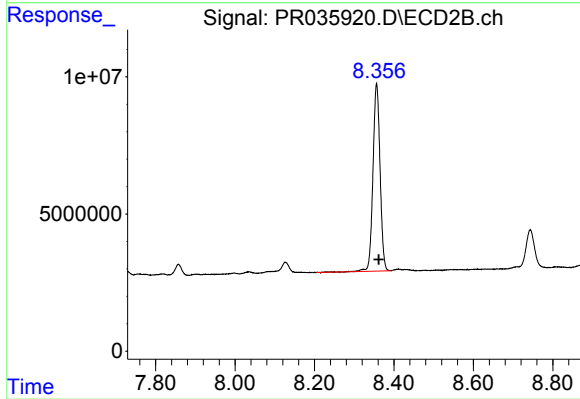
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.005 min
Response: 120948447
Conc: 23.03 ng/ml



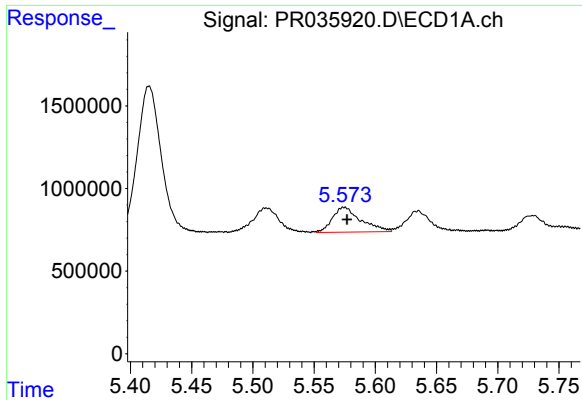
#2 Decachlorobiphenyl

R.T.: 10.074 min
Delta R.T.: -0.007 min
Response: 25048740
Conc: 15.66 ng/ml



#2 Decachlorobiphenyl

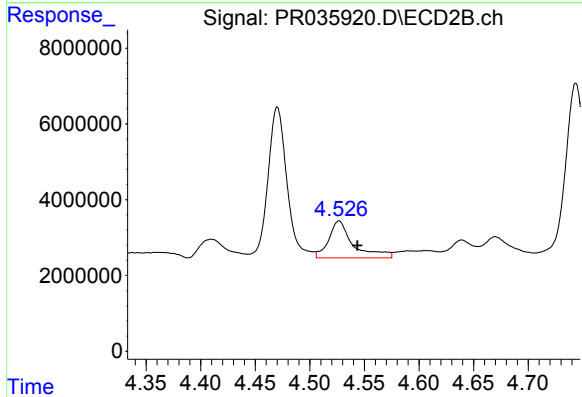
R.T.: 8.356 min
Delta R.T.: -0.006 min
Response: 84467410
Conc: 12.87 ng/ml



#3 AR-1016-1

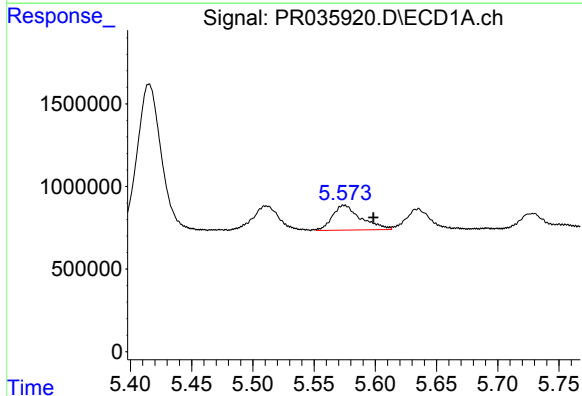
R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 2431651
Conc: 45.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



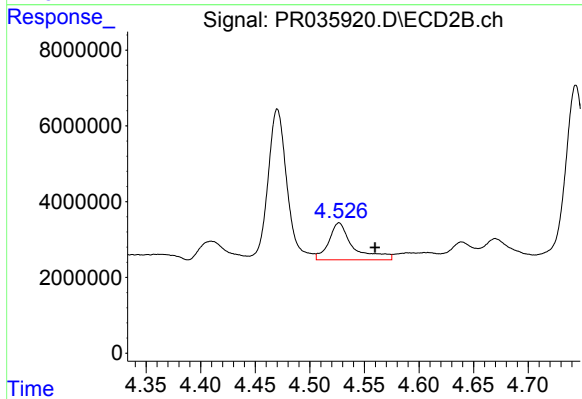
#3 AR-1016-1

R.T.: 4.527 min
Delta R.T.: -0.017 min
Response: 15091851
Conc: 81.11 ng/ml



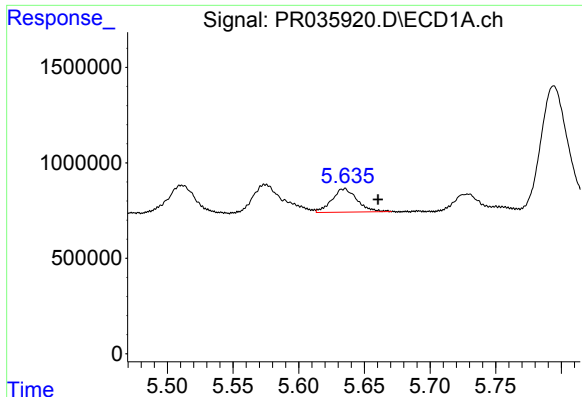
#4 AR-1016-2

R.T.: 5.574 min
Delta R.T.: -0.024 min
Response: 2431651
Conc: 27.82 ng/ml



#4 AR-1016-2

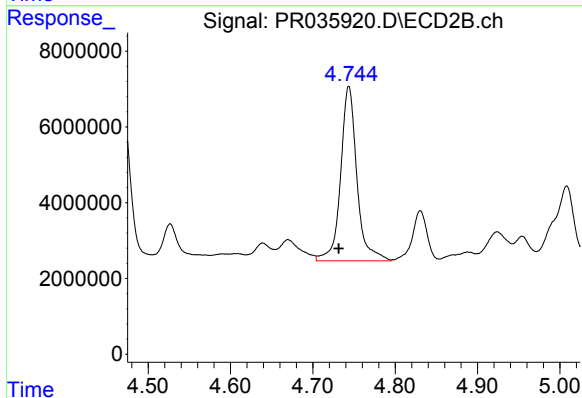
R.T.: 4.527 min
Delta R.T.: -0.033 min
Response: 15091851
Conc: 52.05 ng/ml



#5 AR-1016-3

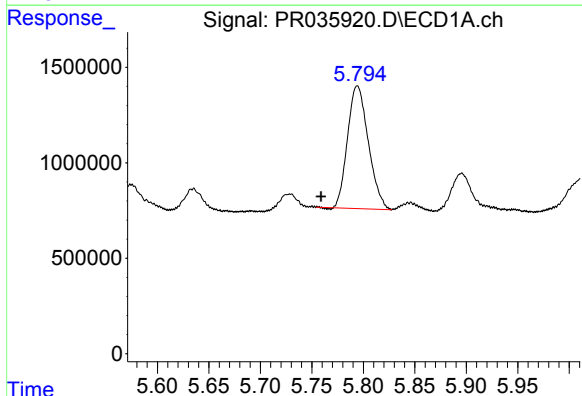
R.T.: 5.635 min
Delta R.T.: -0.026 min
Response: 1648723
Conc: 31.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



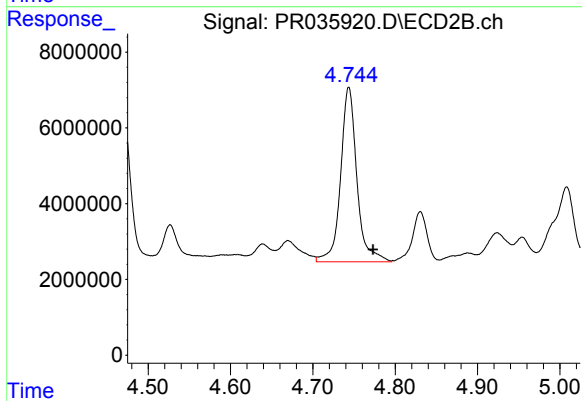
#5 AR-1016-3

R.T.: 4.744 min
Delta R.T.: 0.012 min
Response: 63370038
Conc: 414.01 ng/ml



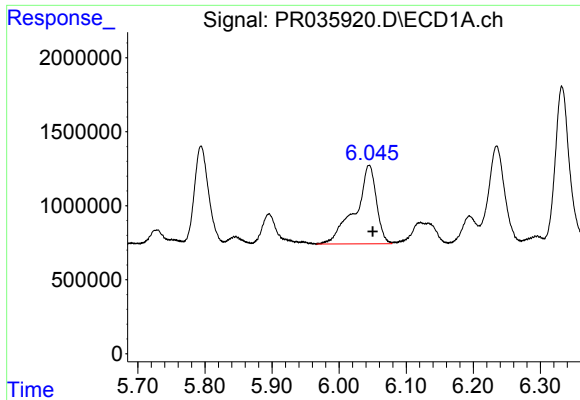
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: 0.035 min
Response: 9045338
Conc: 210.28 ng/ml



#6 AR-1016-4

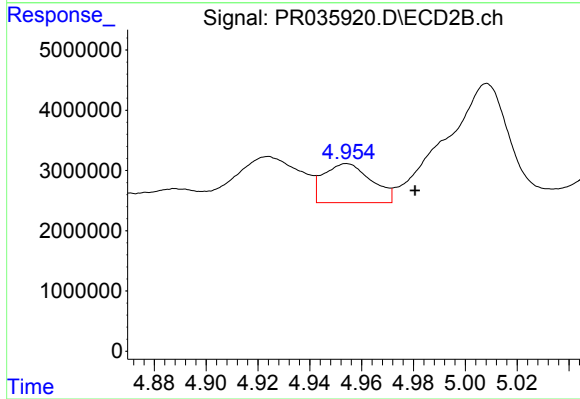
R.T.: 4.744 min
Delta R.T.: -0.029 min
Response: 63370038
Conc: 526.84 ng/ml



#7 AR-1016-5

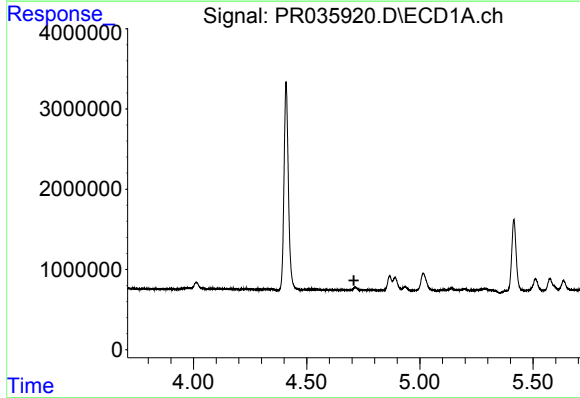
R.T.: 6.045 min
Delta R.T.: -0.005 min
Response: 11640804
Conc: 259.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



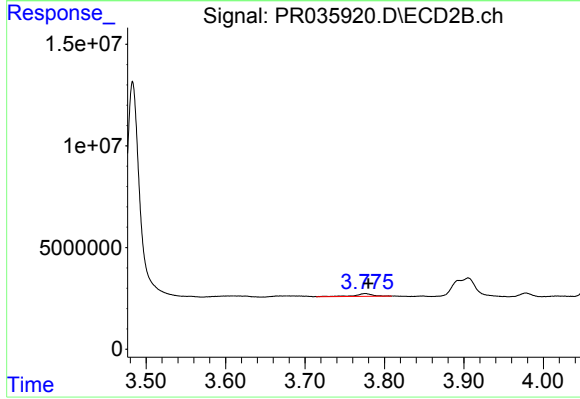
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: -0.026 min
Response: 8310100
Conc: 51.25 ng/ml



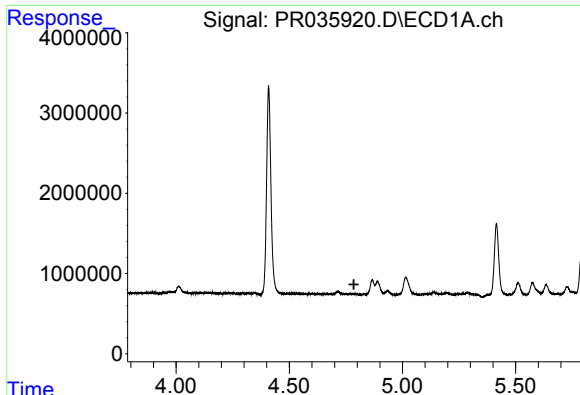
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



#9 AR-1221-2

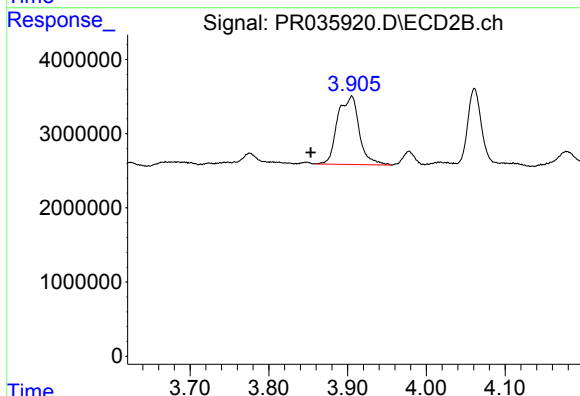
R.T.: 3.776 min
Delta R.T.: -0.004 min
Response: 2069178
Conc: 40.42 ng/ml



#10 AR-1221-3

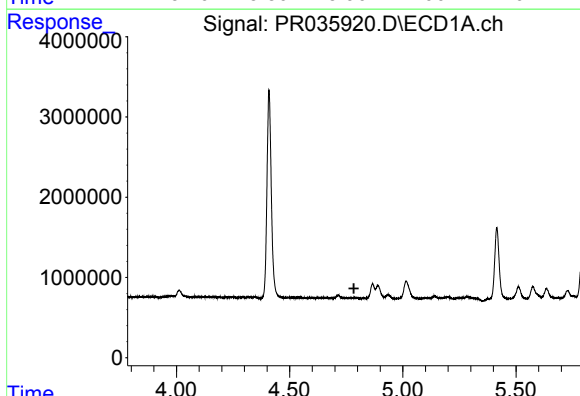
R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



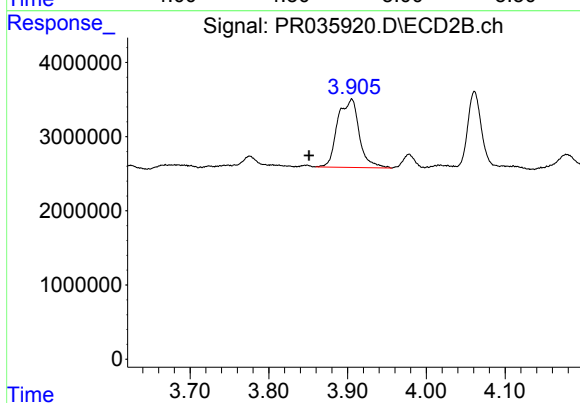
#10 AR-1221-3

R.T.: 3.905 min
Delta R.T.: 0.052 min
Response: 17461687
Conc: 97.96 ng/ml



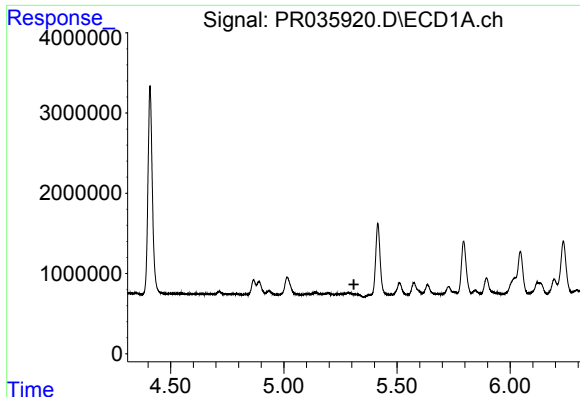
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.784 min
Response: 0
Conc: N.D.



#11 AR-1232-1

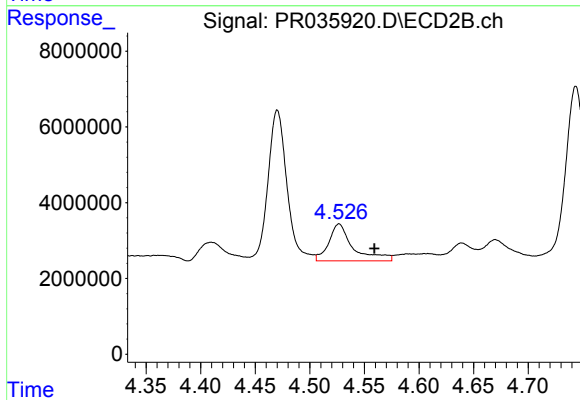
R.T.: 3.905 min
Delta R.T.: 0.054 min
Response: 17461687
Conc: 178.57 ng/ml



#12 AR-1232-2

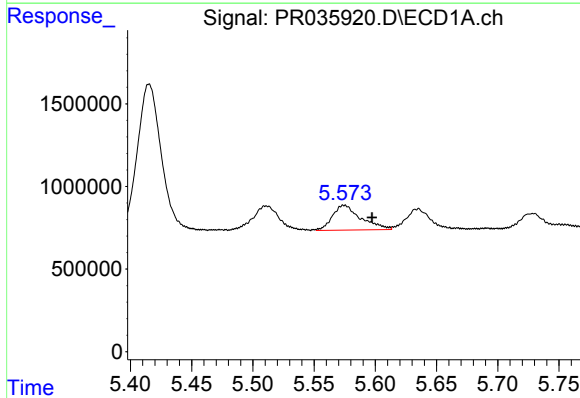
R.T.: 0.000 min
Exp R.T.: 5.310 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



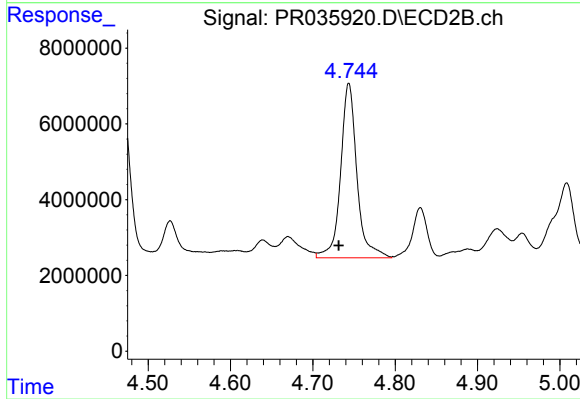
#12 AR-1232-2

R.T.: 4.527 min
Delta R.T.: -0.032 min
Response: 15091851
Conc: 128.67 ng/ml



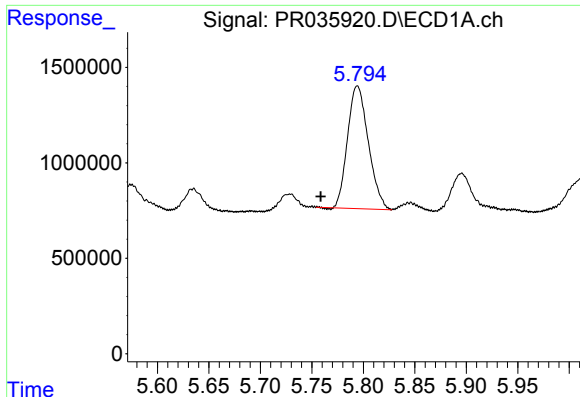
#13 AR-1232-3

R.T.: 5.574 min
Delta R.T.: -0.023 min
Response: 2431651
Conc: 69.23 ng/ml



#13 AR-1232-3

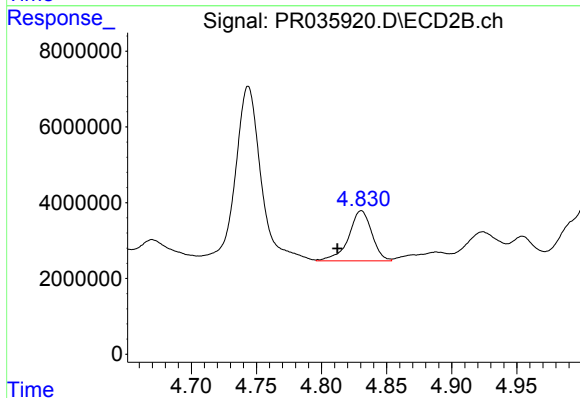
R.T.: 4.744 min
Delta R.T.: 0.012 min
Response: 63370038
Conc: 1069.06 ng/ml



#14 AR-1232-4

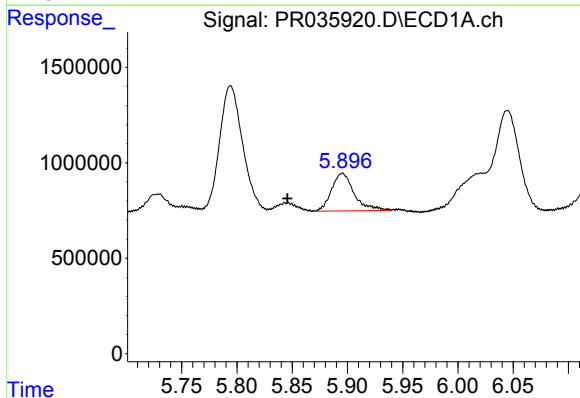
R.T.: 5.794 min
Delta R.T.: 0.036 min
Response: 9045338
Conc: 528.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



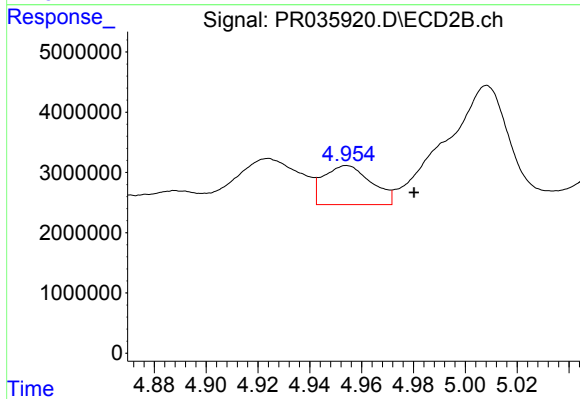
#14 AR-1232-4

R.T.: 4.831 min
Delta R.T.: 0.018 min
Response: 16415214
Conc: 320.34 ng/ml



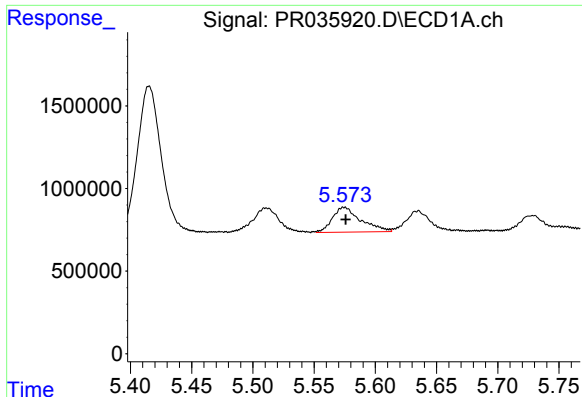
#15 AR-1232-5

R.T.: 5.895 min
Delta R.T.: 0.050 min
Response: 2805920
Conc: 200.76 ng/ml



#15 AR-1232-5

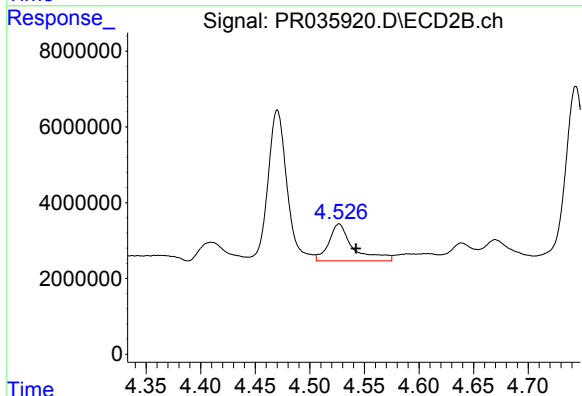
R.T.: 4.954 min
Delta R.T.: -0.026 min
Response: 8310100
Conc: 142.25 ng/ml



#16 AR-1242-1

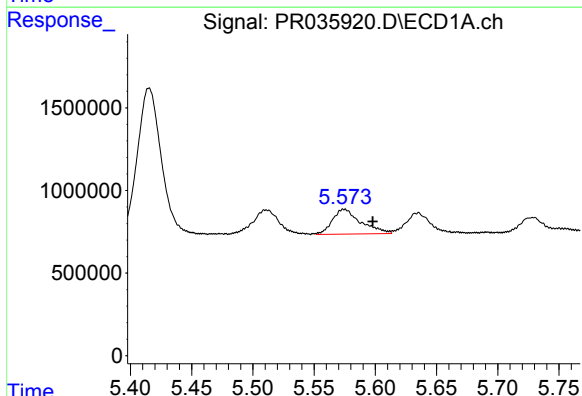
R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 2431651
Conc: 55.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



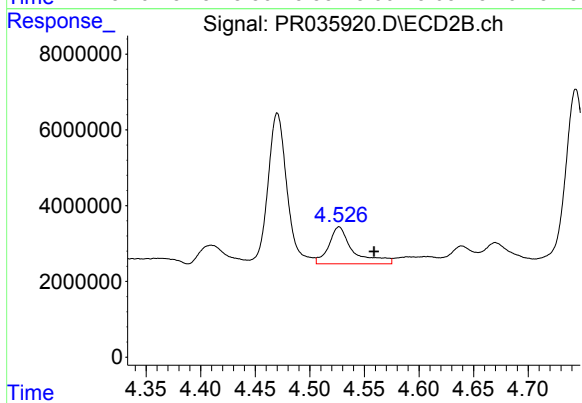
#16 AR-1242-1

R.T.: 4.527 min
Delta R.T.: -0.015 min
Response: 15091851
Conc: 101.44 ng/ml



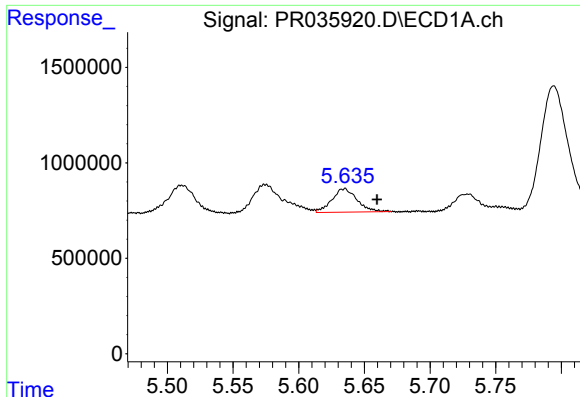
#17 AR-1242-2

R.T.: 5.574 min
Delta R.T.: -0.023 min
Response: 2431651
Conc: 35.50 ng/ml



#17 AR-1242-2

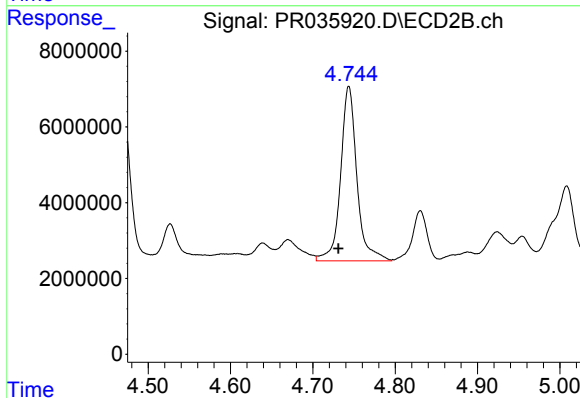
R.T.: 4.527 min
Delta R.T.: -0.032 min
Response: 15091851
Conc: 64.54 ng/ml



#18 AR-1242-3

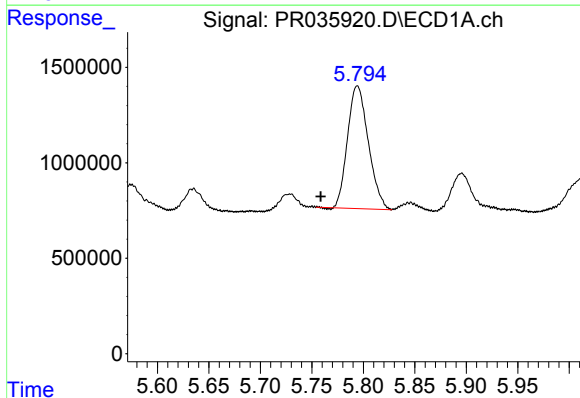
R.T.: 5.635 min
Delta R.T.: -0.025 min
Response: 1648723
Conc: 39.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



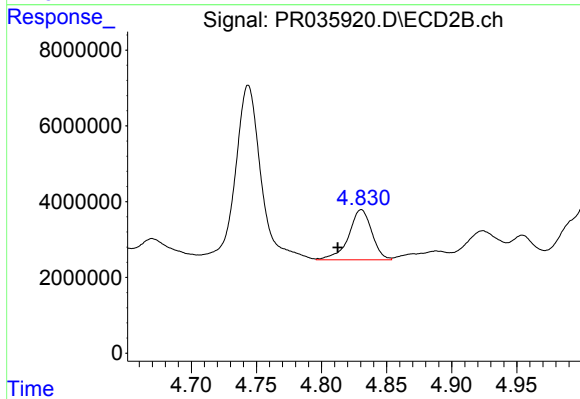
#18 AR-1242-3

R.T.: 4.744 min
Delta R.T.: 0.013 min
Response: 63370038
Conc: 527.45 ng/ml



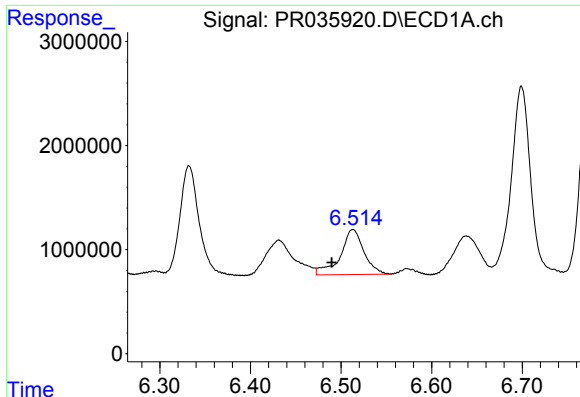
#19 AR-1242-4

R.T.: 5.794 min
Delta R.T.: 0.036 min
Response: 9045338
Conc: 263.29 ng/ml



#19 AR-1242-4

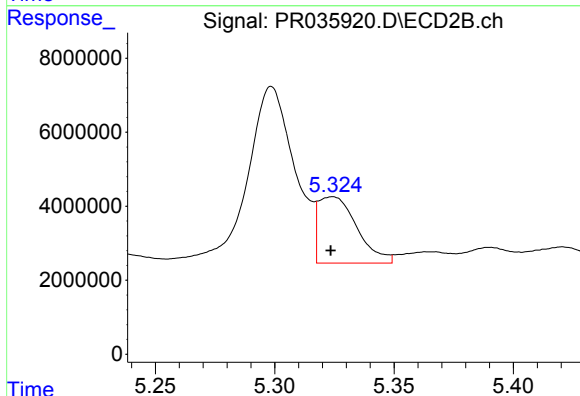
R.T.: 4.831 min
Delta R.T.: 0.018 min
Response: 16415214
Conc: 143.49 ng/ml



#20 AR-1242-5

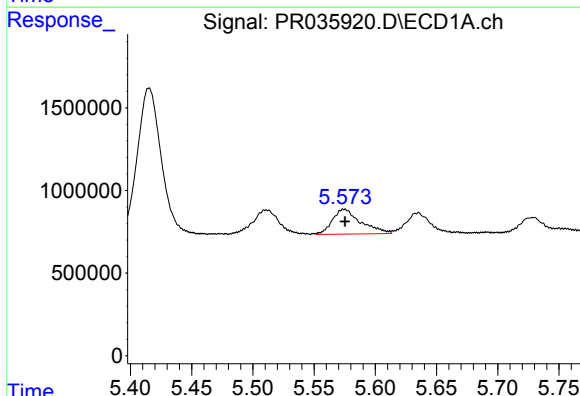
R.T.: 6.513 min
Delta R.T.: 0.023 min
Response: 7838555
Conc: 190.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



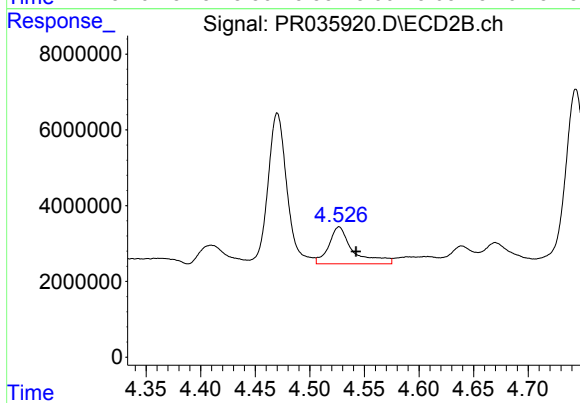
#20 AR-1242-5

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 20244713
Conc: 114.71 ng/ml



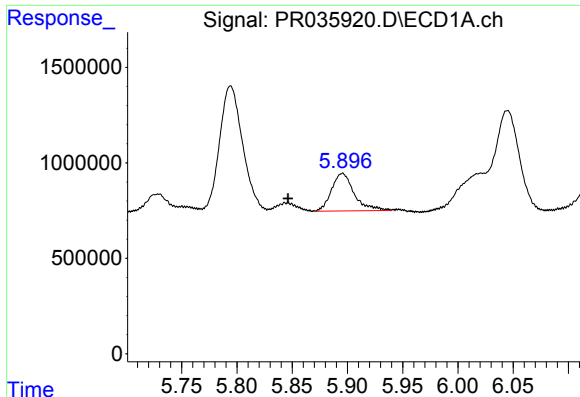
#21 AR-1248-1

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 2431651
Conc: 69.34 ng/ml



#21 AR-1248-1

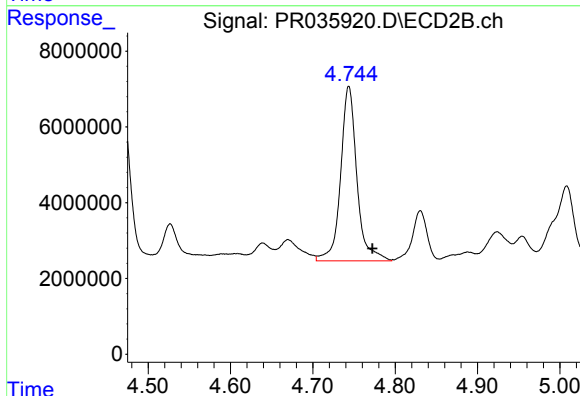
R.T.: 4.527 min
Delta R.T.: -0.016 min
Response: 15091851
Conc: 125.36 ng/ml



#22 AR-1248-2

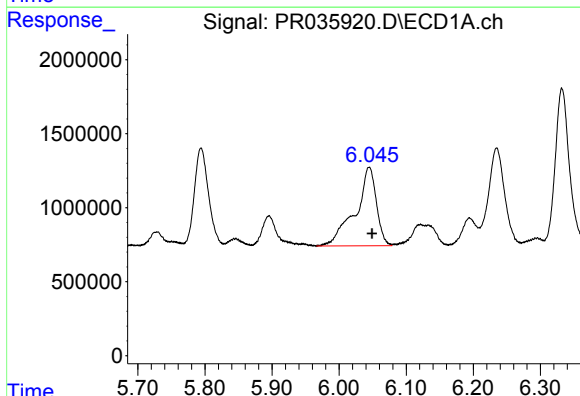
R.T.: 5.895 min
Delta R.T.: 0.049 min
Response: 2805920
Conc: 53.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



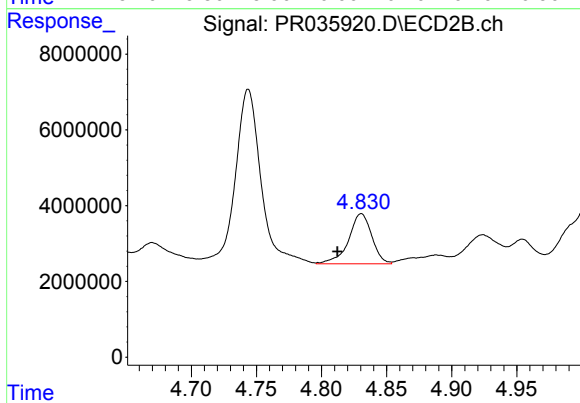
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: -0.029 min
Response: 63370038
Conc: 384.79 ng/ml



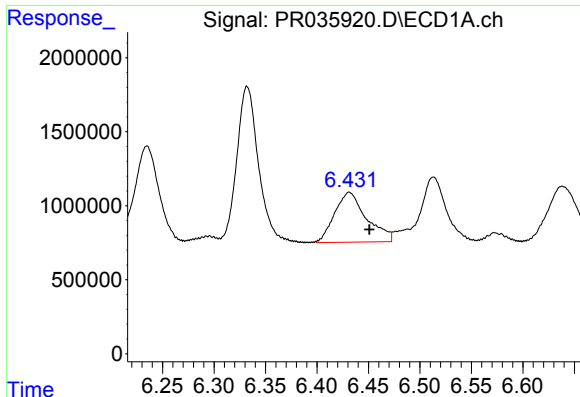
#23 AR-1248-3

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 11640804
Conc: 196.30 ng/ml



#23 AR-1248-3

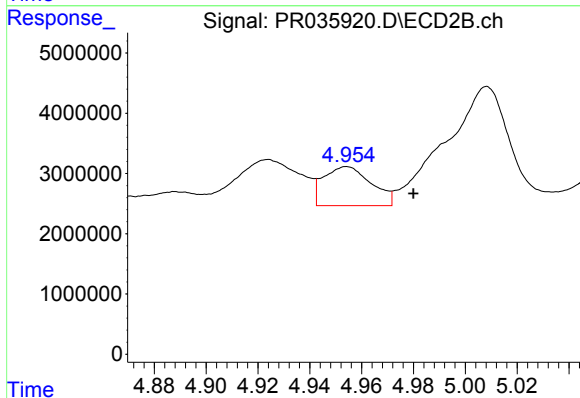
R.T.: 4.831 min
Delta R.T.: 0.018 min
Response: 16415214
Conc: 97.00 ng/ml



#24 AR-1248-4

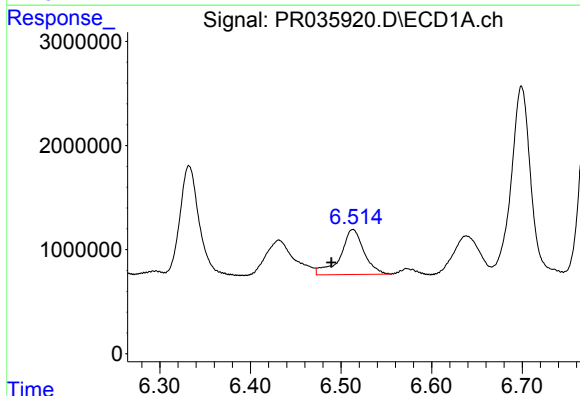
R.T.: 6.431 min
Delta R.T.: -0.020 min
Response: 7261661
Conc: 104.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



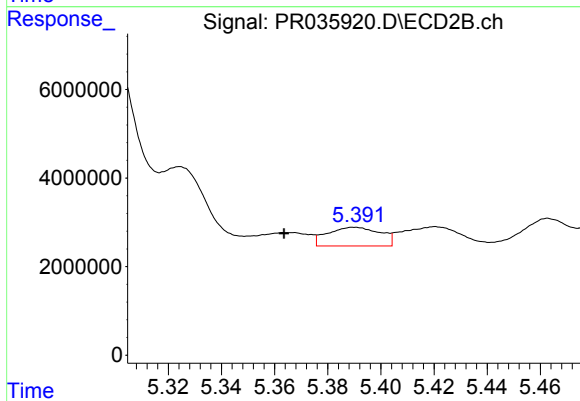
#24 AR-1248-4

R.T.: 4.954 min
Delta R.T.: -0.026 min
Response: 8310100
Conc: 35.54 ng/ml



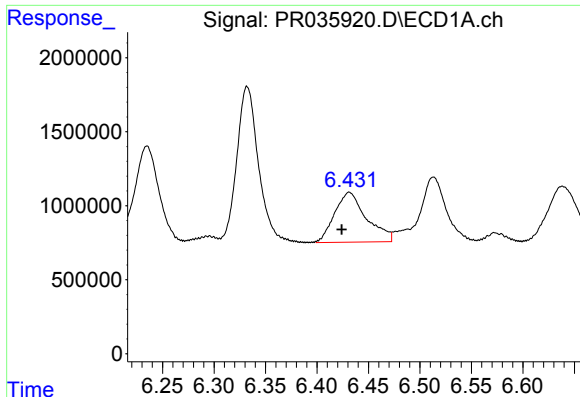
#25 AR-1248-5

R.T.: 6.513 min
Delta R.T.: 0.024 min
Response: 7838555
Conc: 118.30 ng/ml



#25 AR-1248-5

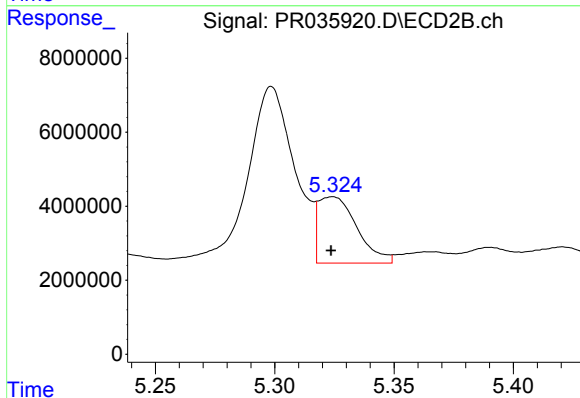
R.T.: 5.390 min
Delta R.T.: 0.027 min
Response: 5841778
Conc: 24.69 ng/ml



#26 AR-1254-1

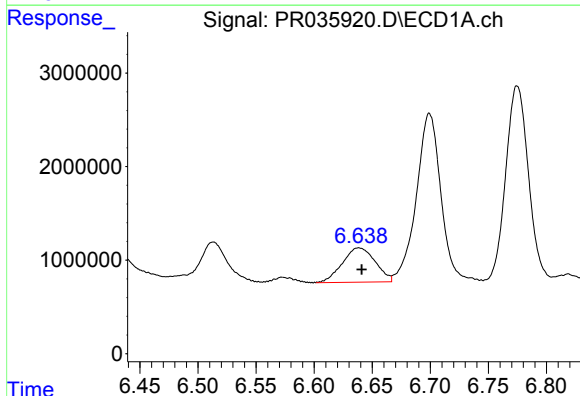
R.T.: 6.431 min
Delta R.T.: 0.007 min
Response: 7261661
Conc: 115.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



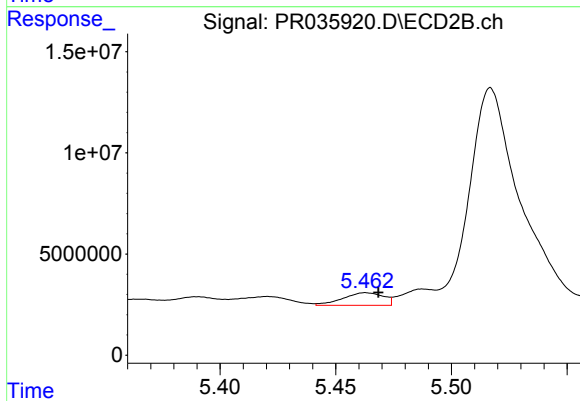
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 20244713
Conc: 68.25 ng/ml



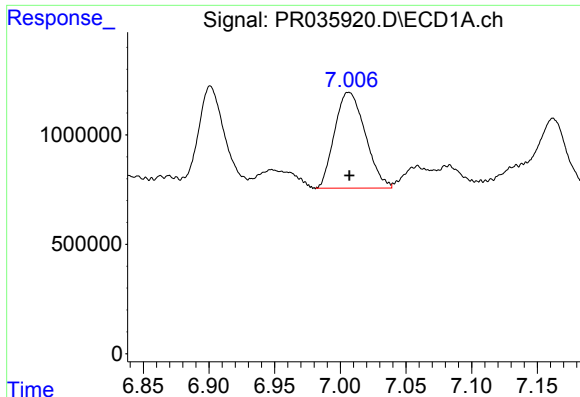
#27 AR-1254-2

R.T.: 6.638 min
Delta R.T.: -0.003 min
Response: 7279056
Conc: 79.94 ng/ml



#27 AR-1254-2

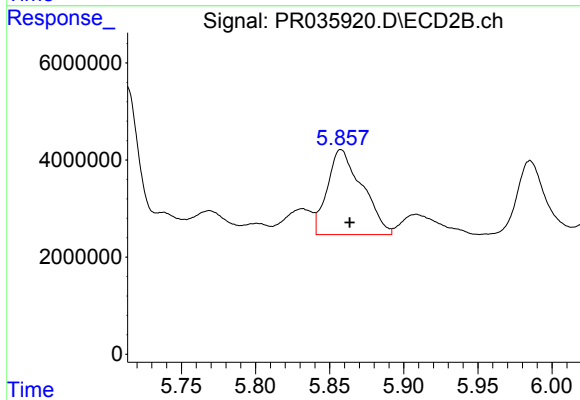
R.T.: 5.463 min
Delta R.T.: -0.005 min
Response: 7593951
Conc: 29.13 ng/ml



#28 AR-1254-3

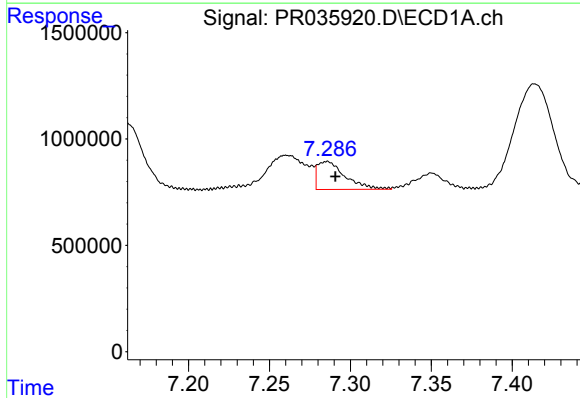
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 7117190
Conc: 68.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



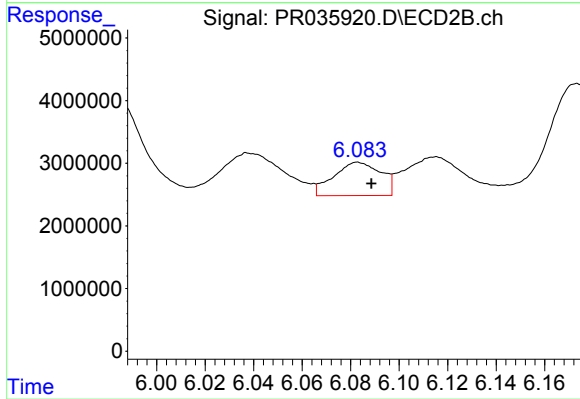
#28 AR-1254-3

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 28612041
Conc: 64.52 ng/ml



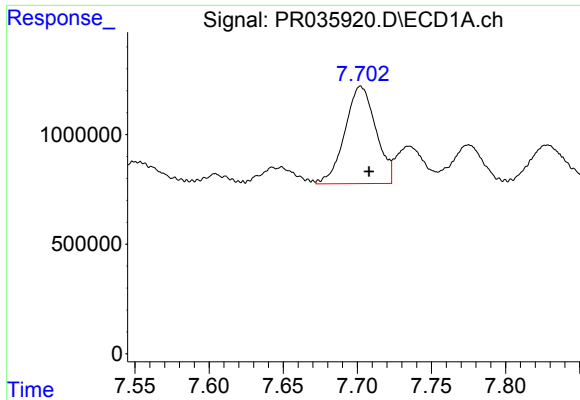
#29 AR-1254-4

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 1567899
Conc: 20.02 ng/ml



#29 AR-1254-4

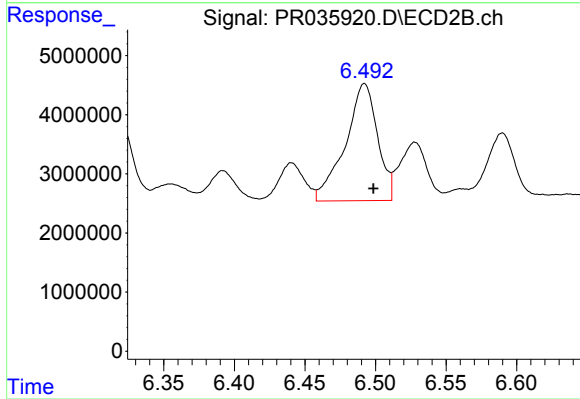
R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 7183029
Conc: 22.92 ng/ml



#30 AR-1254-5

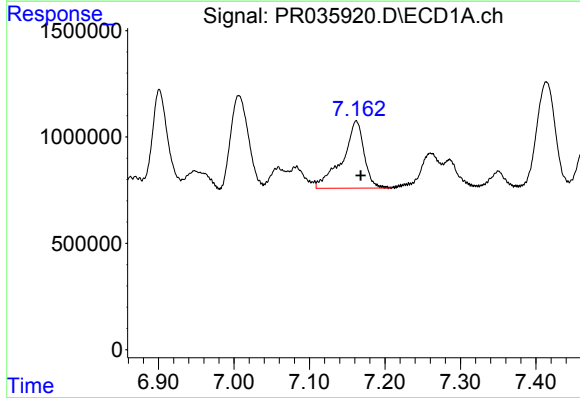
R.T.: 7.702 min
Delta R.T.: -0.006 min
Response: 6451138
Conc: 66.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



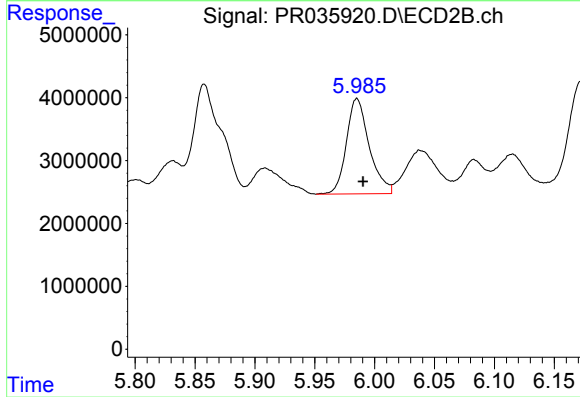
#30 AR-1254-5

R.T.: 6.492 min
Delta R.T.: -0.006 min
Response: 31458495
Conc: 75.15 ng/ml



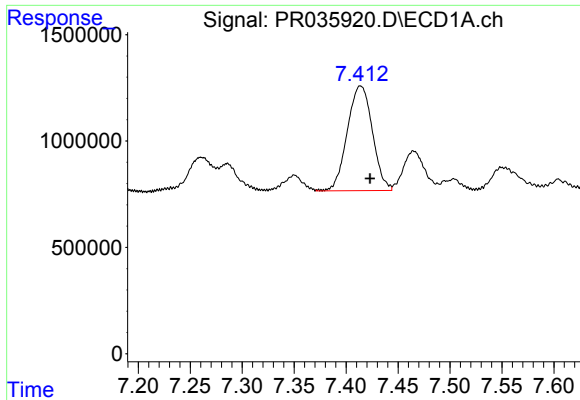
#31 AR-1260-1

R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 6309395
Conc: 64.98 ng/ml



#31 AR-1260-1

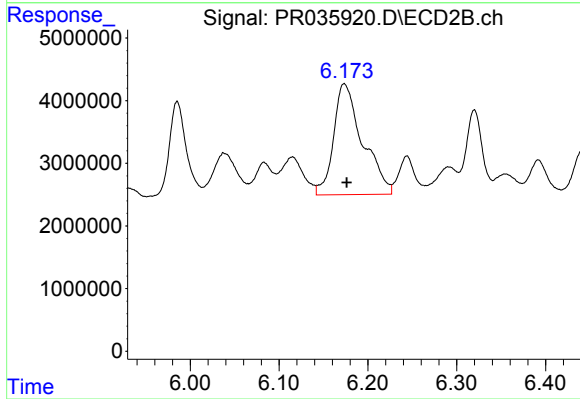
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 20199738
Conc: 55.47 ng/ml



#32 AR-1260-2

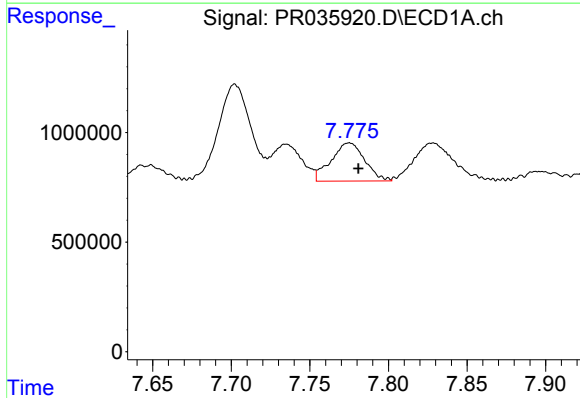
R.T.: 7.414 min
Delta R.T.: -0.009 min
Response: 8280407
Conc: 71.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



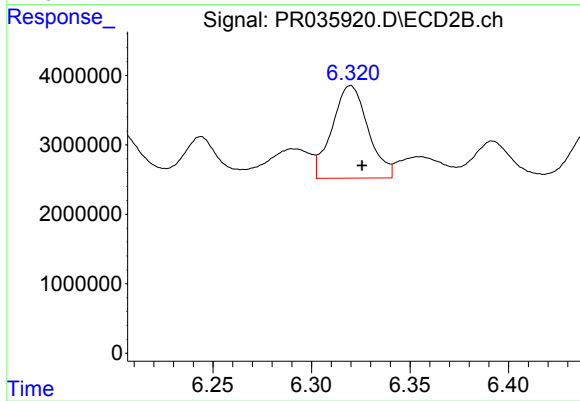
#32 AR-1260-2

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 40283873
Conc: 77.12 ng/ml



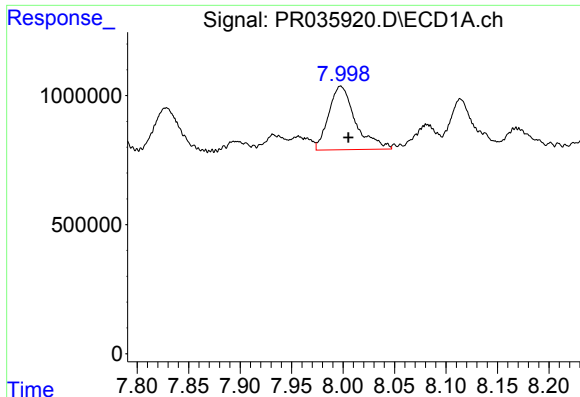
#33 AR-1260-3

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 2591262
Conc: 35.21 ng/ml



#33 AR-1260-3

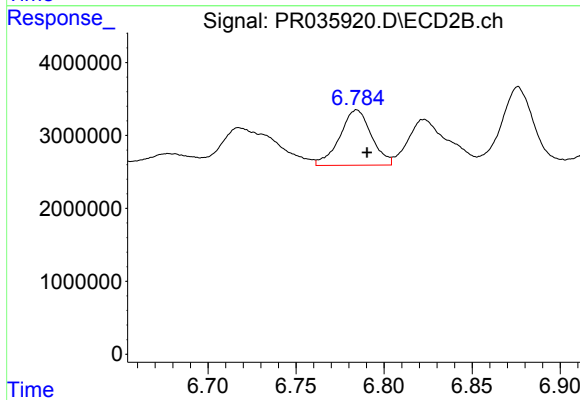
R.T.: 6.320 min
Delta R.T.: -0.006 min
Response: 16907246
Conc: 38.63 ng/ml



#34 AR-1260-4

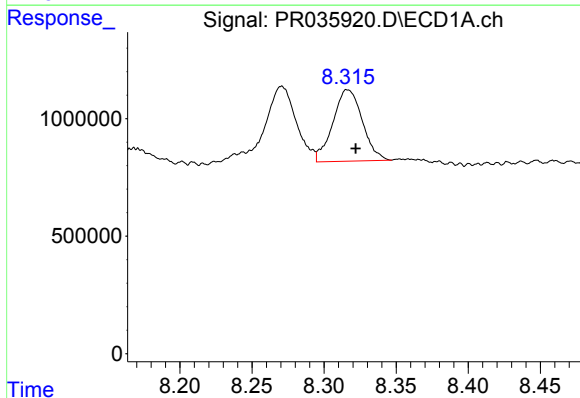
R.T.: 7.998 min
Delta R.T.: -0.007 min
Response: 4468492
Conc: 47.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



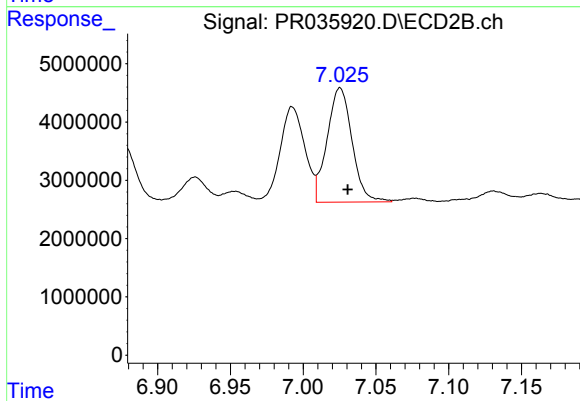
#34 AR-1260-4

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 9517552
Conc: 30.74 ng/ml



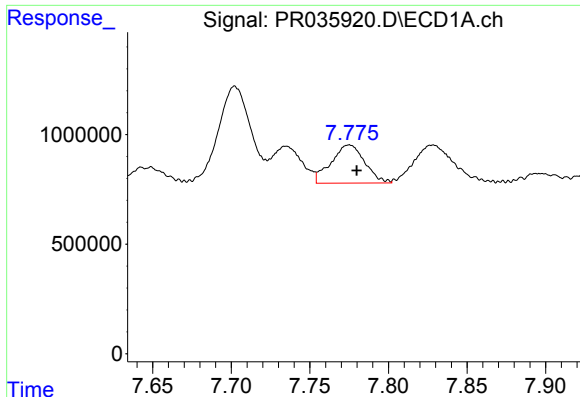
#35 AR-1260-5

R.T.: 8.316 min
Delta R.T.: -0.006 min
Response: 4319212
Conc: 25.61 ng/ml



#35 AR-1260-5

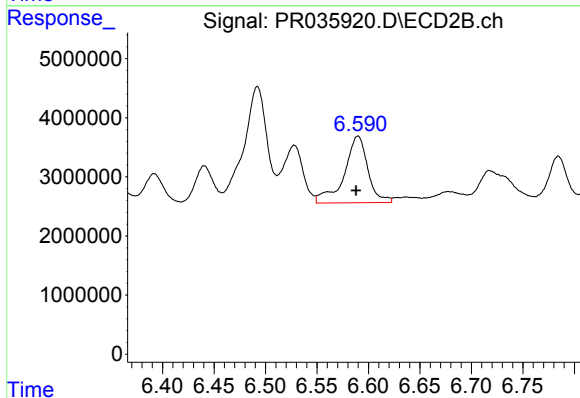
R.T.: 7.025 min
Delta R.T.: -0.005 min
Response: 23410675
Conc: 25.92 ng/ml



#36 AR-1262-1

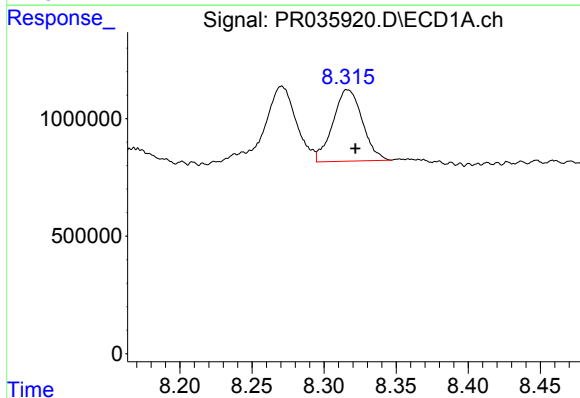
R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 2591262
Conc: 24.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



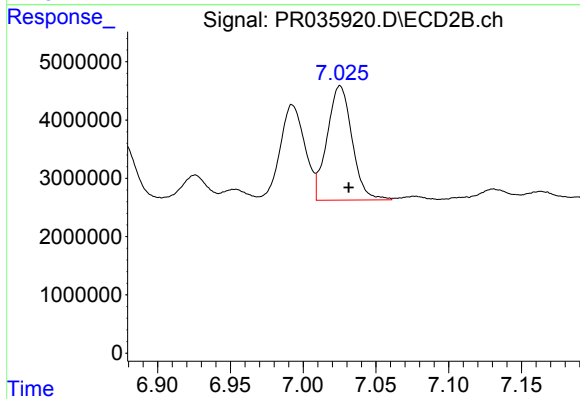
#36 AR-1262-1

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 18071442
Conc: 89.73 ng/ml



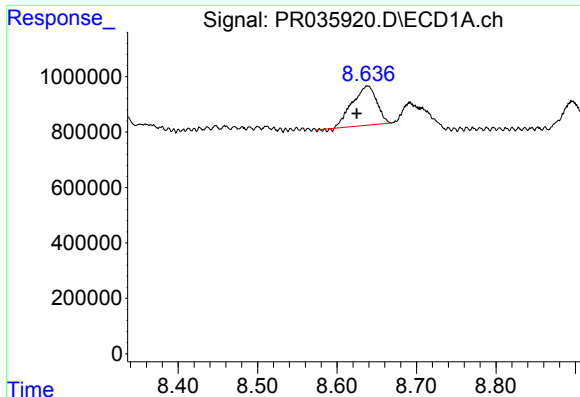
#37 AR-1262-2

R.T.: 8.316 min
Delta R.T.: -0.006 min
Response: 4319212
Conc: 21.71 ng/ml



#37 AR-1262-2

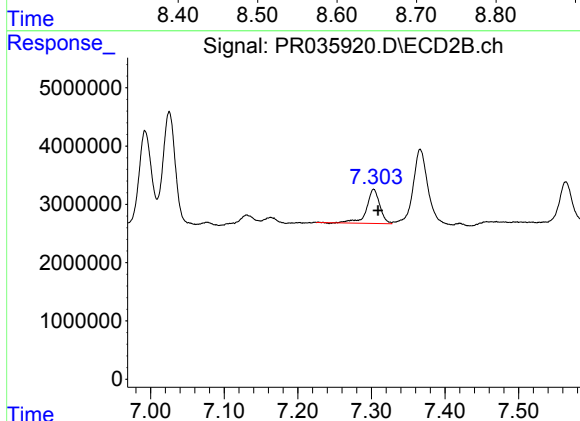
R.T.: 7.025 min
Delta R.T.: -0.006 min
Response: 23410675
Conc: 22.47 ng/ml



#38 AR-1262-3

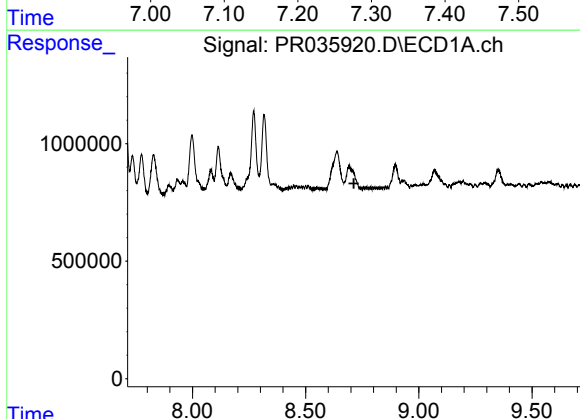
R.T.: 8.639 min
Delta R.T.: 0.014 min
Response: 3017371
Conc: 22.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



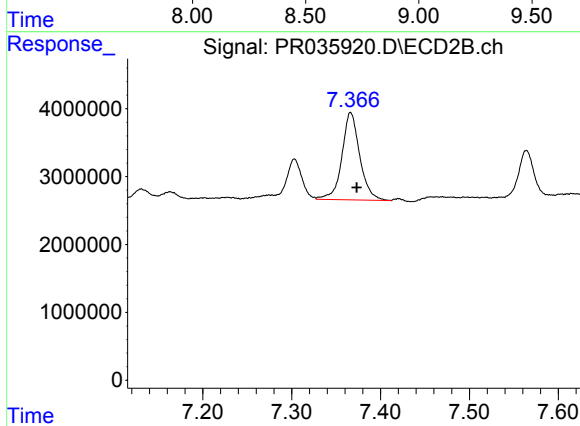
#38 AR-1262-3

R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 7319414
Conc: 17.88 ng/ml



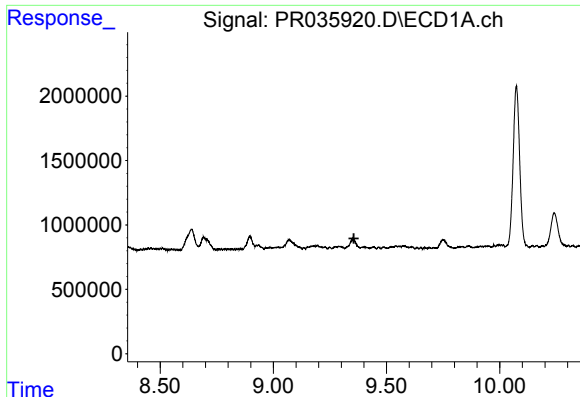
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.713 min
Response: 0
Conc: N.D.



#39 AR-1262-4

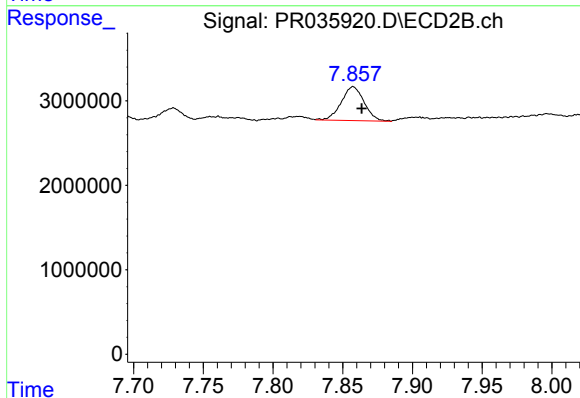
R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 17988954
Conc: 24.88 ng/ml



#40 AR-1262-5

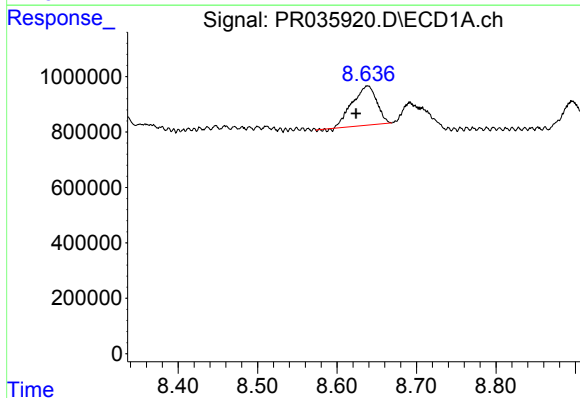
R.T.: 0.000 min
Exp R.T.: 9.356 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



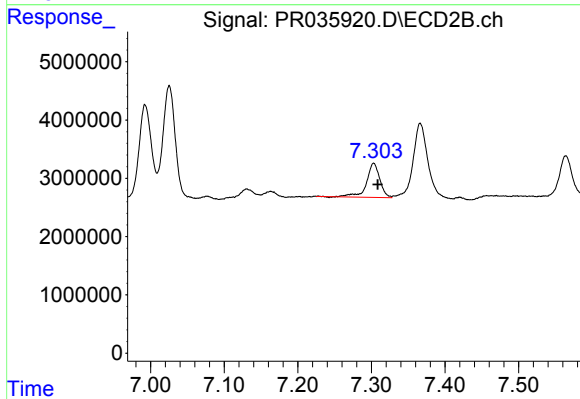
#40 AR-1262-5

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 4577857
Conc: 13.93 ng/ml



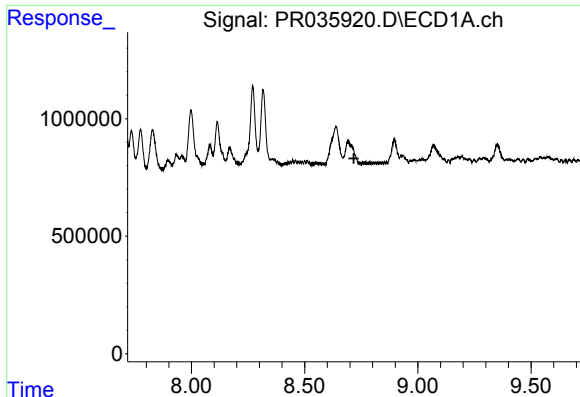
#41 AR-1268-1

R.T.: 8.639 min
Delta R.T.: 0.014 min
Response: 3017371
Conc: 12.53 ng/ml



#41 AR-1268-1

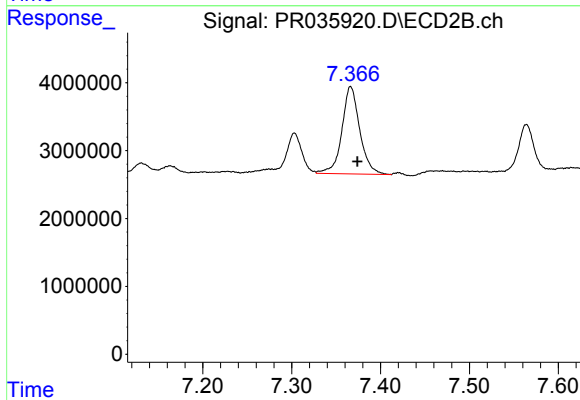
R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 7319414
Conc: 5.79 ng/ml



#42 AR-1268-2

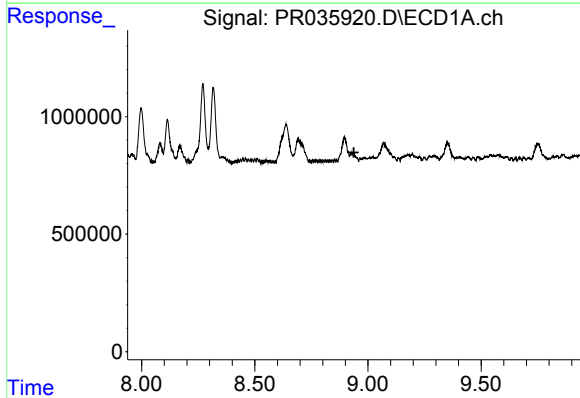
R.T.: 0.000 min
Exp R.T.: 8.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



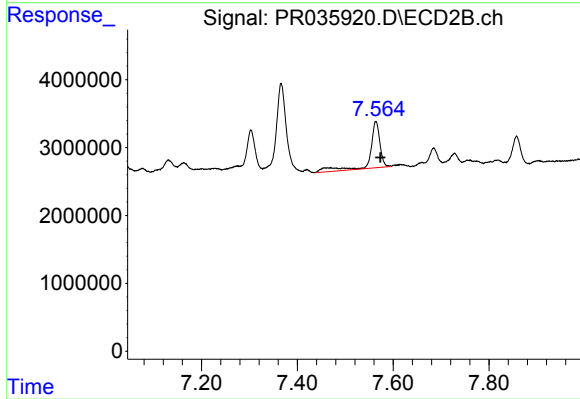
#42 AR-1268-2

R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 17988954
Conc: 15.86 ng/ml



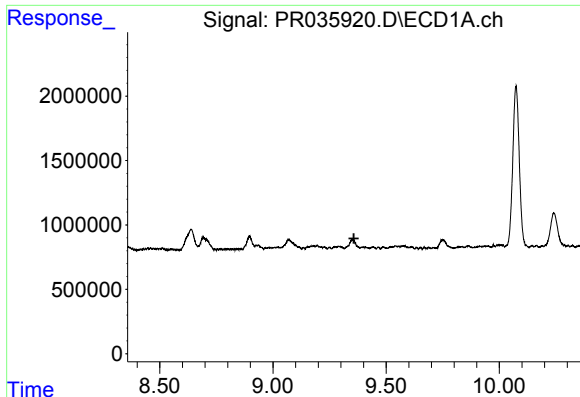
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.938 min
Response: 0
Conc: N.D.



#43 AR-1268-3

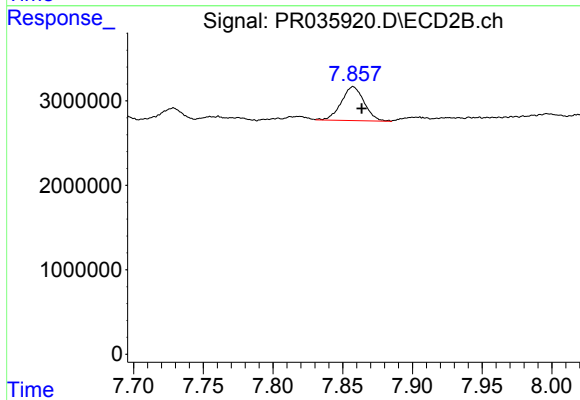
R.T.: 7.564 min
Delta R.T.: -0.009 min
Response: 9878235
Conc: 10.07 ng/ml



#44 AR-1268-4

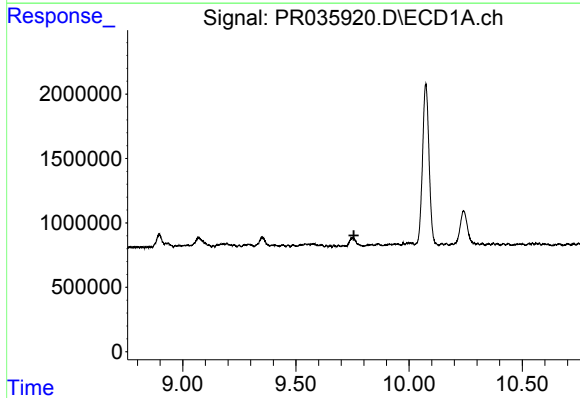
R.T.: 0.000 min
Exp R.T.: 9.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
Z-4-2-AB



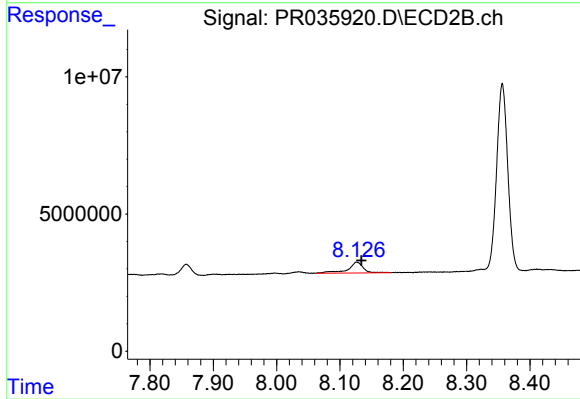
#44 AR-1268-4

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 4577857
Conc: 12.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.756 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: -0.007 min
Response: 6710490
Conc: 2.52 ng/ml