

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
 Data File : PR042553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2019 19:39
 Operator : SM\AJ
 Sample : K5503-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 05:58:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 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...	4.725	3.986	93074146	355.3E6	19.544	20.866
2)	SA Decachlor...	10.643	9.088	250.8E6	709.9E6	71.736	69.937
Target Compounds							
3)	L1 AR-1016-1	5.909	5.077	13480793	18503703	86.246	34.696 #
4)	L1 AR-1016-2	5.909	5.077	13480793	18503703	60.565	25.176 #
5)	L1 AR-1016-3	5.971	5.305	3598756	49383330	27.242	152.136 #
6)	L1 AR-1016-4	6.084	5.305	11686720	49383330	107.983	189.085 #
7)	L1 AR-1016-5	6.384	5.533	16291422	7005684	150.606	23.637 #
9)	L2 AR-1221-2	0.000	4.292	0	7028123	N.D.	55.593 #
10)	L2 AR-1221-3	0.000	4.431	0	19468865	N.D.	48.370 #
11)	L3 AR-1232-1	0.000	4.431	0	19468865	N.D.	33.524 #
12)	L3 AR-1232-2	0.000	5.077	0	18503703	N.D.	32.872 #
13)	L3 AR-1232-3	5.909	5.305	13480793	49383330	80.457	195.247 #
14)	L3 AR-1232-4	6.084	5.361	11686720	6527102	142.595	30.975 #
15)	L3 AR-1232-5	6.175	5.533	7543438	7005684	123.403	33.399 #
16)	L4 AR-1242-1	5.909	5.077	13480793	18503703	114.963	44.930 #
17)	L4 AR-1242-2	5.909	5.077	13480793	18503703	79.900	33.232 #
18)	L4 AR-1242-3	5.971	5.305	3598756	49383330	35.803	186.895 #
19)	L4 AR-1242-4	6.084	5.361	11686720	6527102	140.042	27.060 #
20)	L4 AR-1242-5	6.826	5.875	5953254	72114119	62.127	271.114 #
21)	L5 AR-1248-1	5.909	5.077	13480793	18503703	145.652	56.191 #
22)	L5 AR-1248-2	6.175	5.305	7543438	49383330	59.004	140.853 #
23)	L5 AR-1248-3	6.384	5.361	16291422	6527102	113.325	18.592 #
24)	L5 AR-1248-4	6.759	5.533	15640516	7005684	91.932	18.435 #
25)	L5 AR-1248-5	6.826	5.875	5953254	72114119	37.075	193.718 #
26)	L6 AR-1254-1	6.759	5.875	15640516	72114119	87.070	125.456 #
27)	L6 AR-1254-2	6.990	6.057	57911434	70716048	205.116	129.273 #
28)	L6 AR-1254-3	7.352	6.456	18417314	119.7E6	60.239	124.520 #
29)	L6 AR-1254-4	7.610	6.669	66222315	16575097	297.409	25.250 #
30)	L6 AR-1254-5	8.052	7.097	35658199	106.3E6	153.762	129.436
31)	L7 AR-1260-1	7.499	6.580	108.5E6	155.7E6	521.687	269.185 #
32)	L7 AR-1260-2	7.759	6.759	17163360	29274963	69.899	37.085 #
33)	L7 AR-1260-3	8.124	6.916	9546247	30671584	51.163	45.100
34)	L7 AR-1260-4	8.364	7.387	14446930	39386968	68.580	71.884
35)	L7 AR-1260-5	8.701	7.635	13527305	281.2E6	32.197	190.834 #
36)	L8 AR-1262-1	8.124	7.180	9546247	16880288	32.579	41.395 #
37)	L8 AR-1262-2	8.701	7.635	13527305	281.2E6	24.873	151.879 #
38)	L8 AR-1262-3	9.031	7.912	35506582	100.4E6	103.663	144.600 #
39)	L8 AR-1262-4	9.130	7.977	21382609	76877990	162.808	62.994 #
40)	L8 AR-1262-5	9.834	8.493	8422163	22664692	51.621	42.953
41)	L9 AR-1268-1	9.031	7.912	35506582	100.4E6	64.786	53.478
42)	L9 AR-1268-2	9.130	7.977	21382609	76877990	44.163	46.063

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
 Data File : PR042553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2019 19:39
 Operator : SM\AJ
 Sample : K5503-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

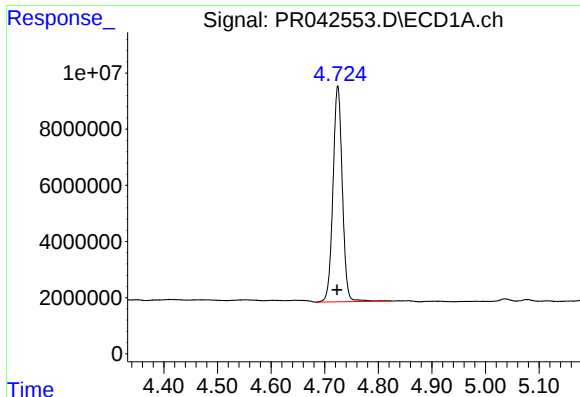
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 05:58:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 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
43) L9	AR-1268-3	9.376	8.190	71911786	249.9E6	181.950	177.744
44) L9	AR-1268-4	9.834	8.493	8422163	22664692	50.629	41.874
45) L9	AR-1268-5	10.278	8.808	171.6E6	519.7E6	140.449	136.039

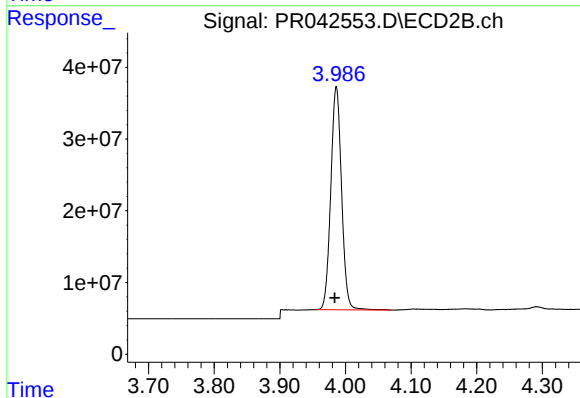
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

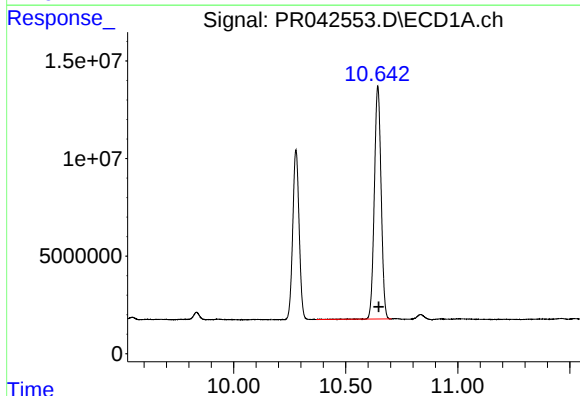
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 93074146
Conc: 19.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



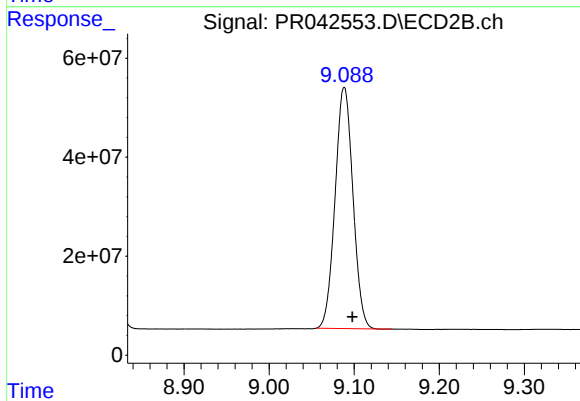
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.003 min
Response: 355255857
Conc: 20.87 ng/ml



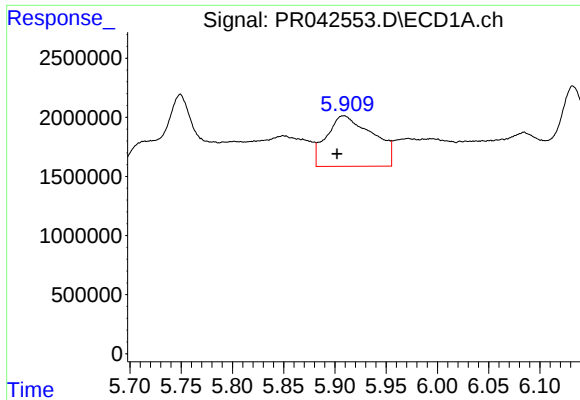
#2 Decachlorobiphenyl

R.T.: 10.643 min
Delta R.T.: -0.005 min
Response: 250813611
Conc: 71.74 ng/ml



#2 Decachlorobiphenyl

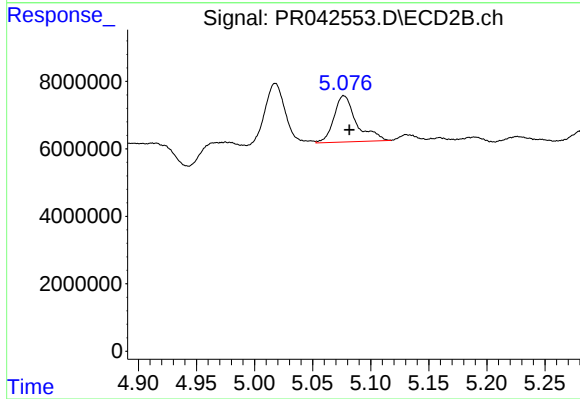
R.T.: 9.088 min
Delta R.T.: -0.010 min
Response: 709924573
Conc: 69.94 ng/ml



#3 AR-1016-1

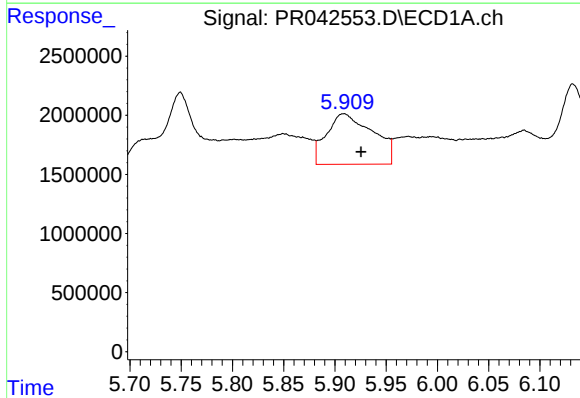
R.T.: 5.909 min
Delta R.T.: 0.007 min
Response: 13480793
Conc: 86.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



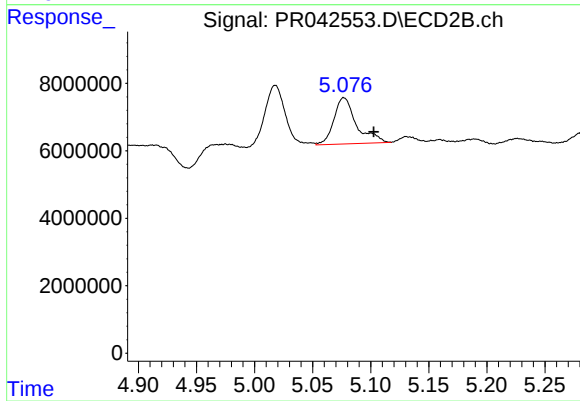
#3 AR-1016-1

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 18503703
Conc: 34.70 ng/ml



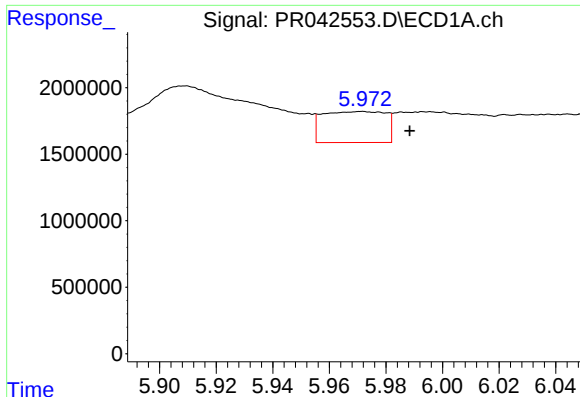
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.017 min
Response: 13480793
Conc: 60.57 ng/ml



#4 AR-1016-2

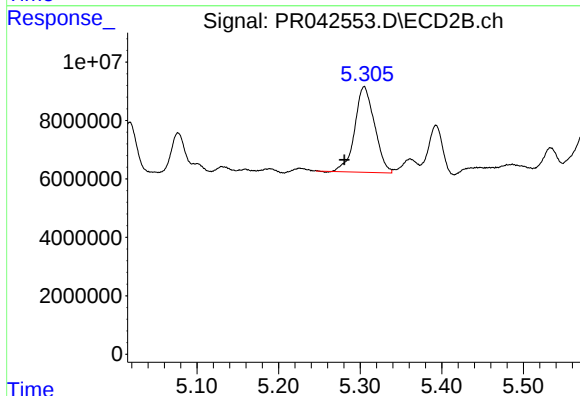
R.T.: 5.077 min
Delta R.T.: -0.026 min
Response: 18503703
Conc: 25.18 ng/ml



#5 AR-1016-3

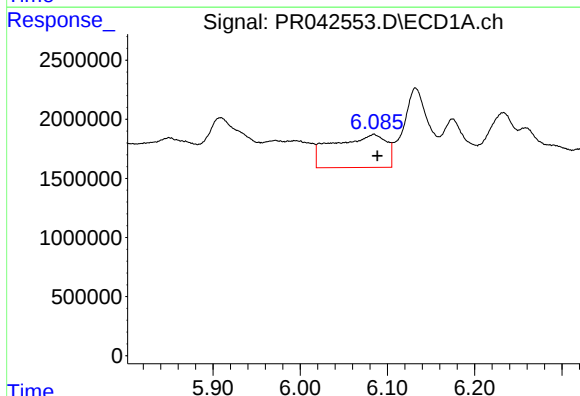
R.T.: 5.971 min
Delta R.T.: -0.017 min
Response: 3598756
Conc: 27.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



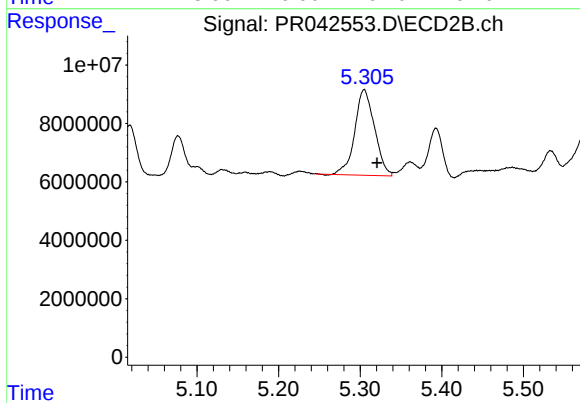
#5 AR-1016-3

R.T.: 5.305 min
Delta R.T.: 0.024 min
Response: 49383330
Conc: 152.14 ng/ml



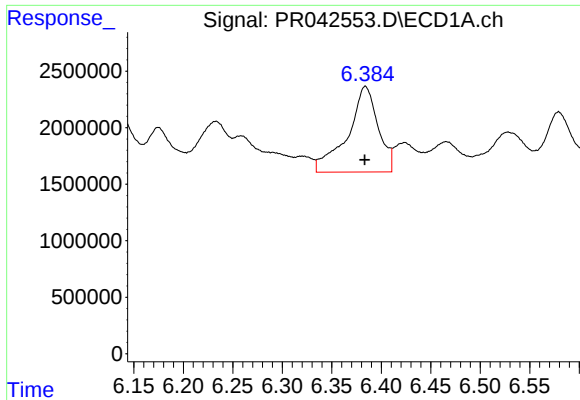
#6 AR-1016-4

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 11686720
Conc: 107.98 ng/ml



#6 AR-1016-4

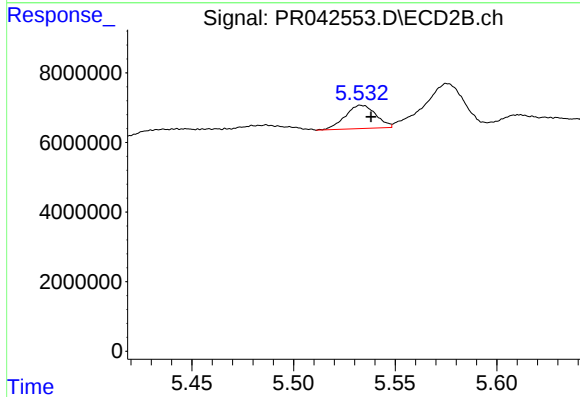
R.T.: 5.305 min
Delta R.T.: -0.016 min
Response: 49383330
Conc: 189.09 ng/ml



#7 AR-1016-5

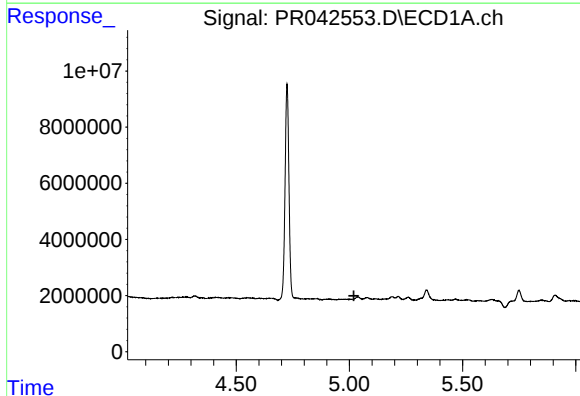
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 16291422
Conc: 150.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



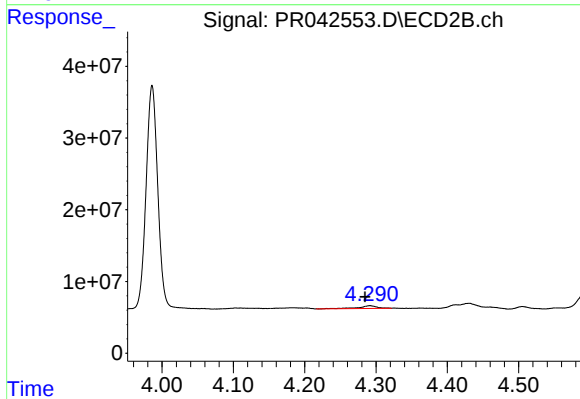
#7 AR-1016-5

R.T.: 5.533 min
Delta R.T.: -0.005 min
Response: 7005684
Conc: 23.64 ng/ml



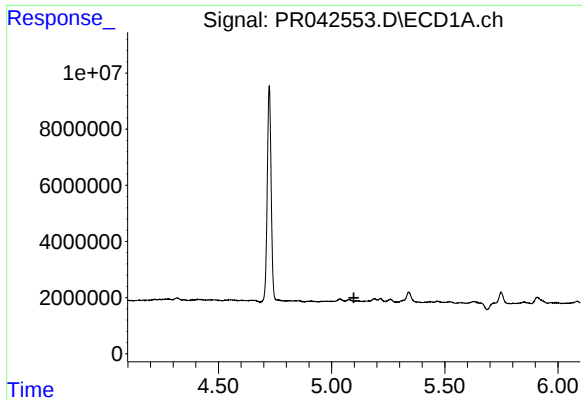
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

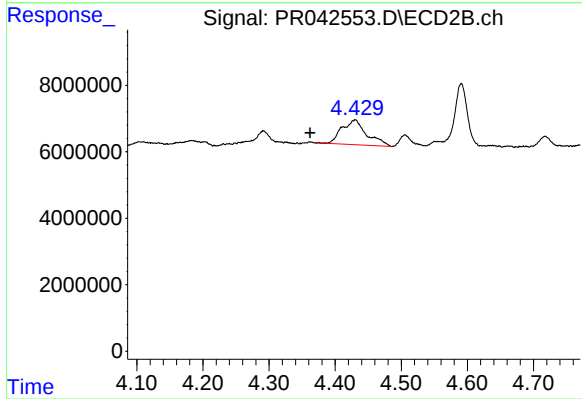
R.T.: 4.292 min
Delta R.T.: 0.007 min
Response: 7028123
Conc: 55.59 ng/ml



#10 AR-1221-3

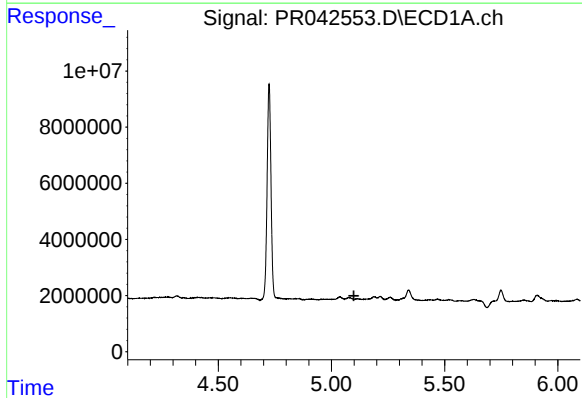
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



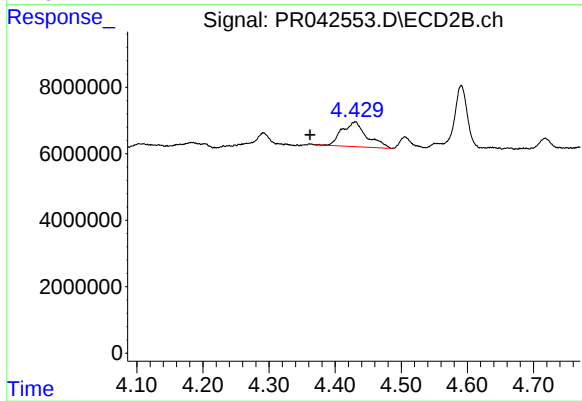
#10 AR-1221-3

R.T.: 4.431 min
Delta R.T.: 0.069 min
Response: 19468865
Conc: 48.37 ng/ml



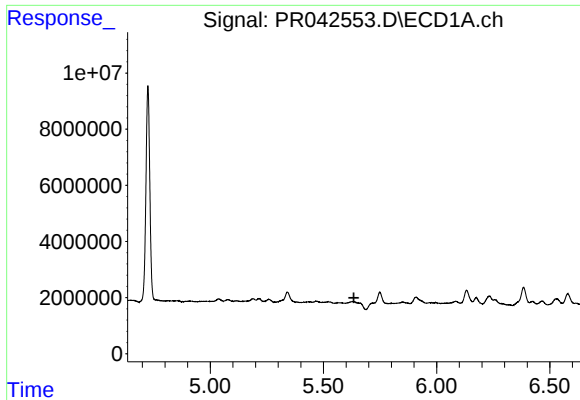
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#11 AR-1232-1

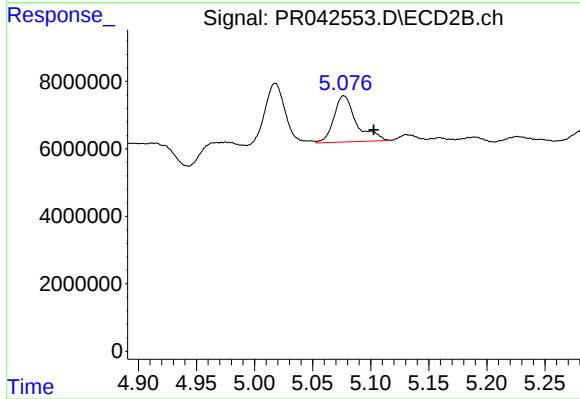
R.T.: 4.431 min
Delta R.T.: 0.069 min
Response: 19468865
Conc: 33.52 ng/ml



#12 AR-1232-2

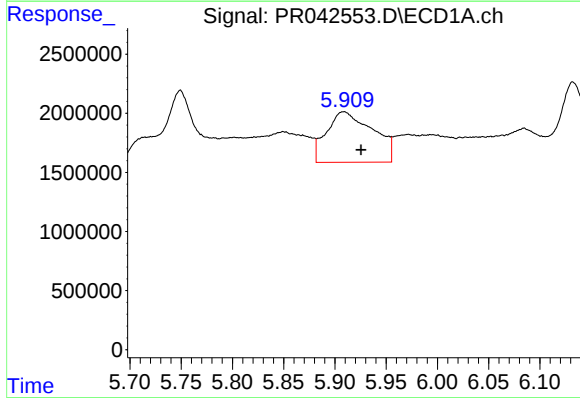
R.T.: 0.000 min
Exp R.T.: 5.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



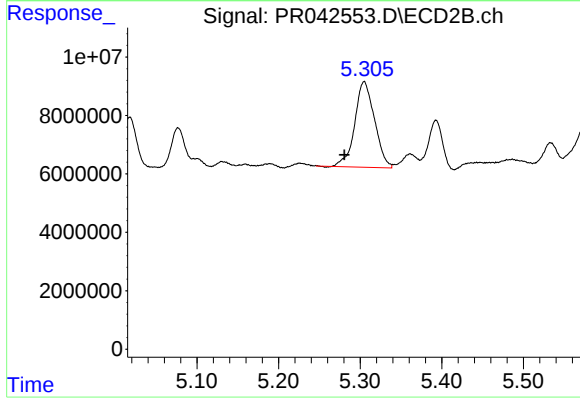
#12 AR-1232-2

R.T.: 5.077 min
Delta R.T.: -0.026 min
Response: 18503703
Conc: 32.87 ng/ml



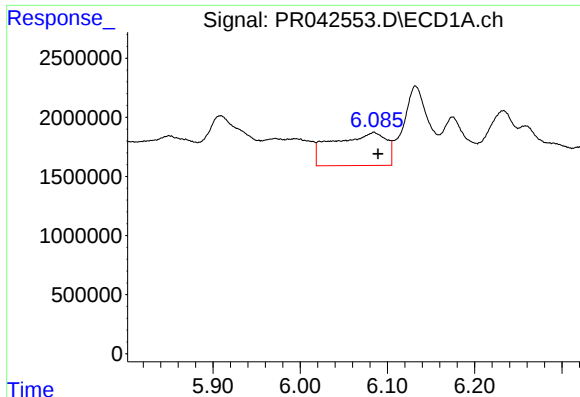
#13 AR-1232-3

R.T.: 5.909 min
Delta R.T.: -0.017 min
Response: 13480793
Conc: 80.46 ng/ml



#13 AR-1232-3

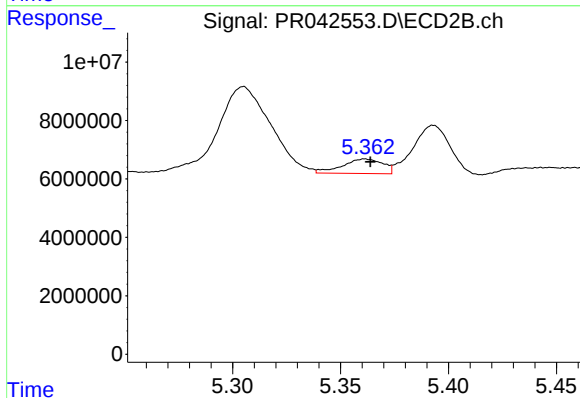
R.T.: 5.305 min
Delta R.T.: 0.024 min
Response: 49383330
Conc: 195.25 ng/ml



#14 AR-1232-4

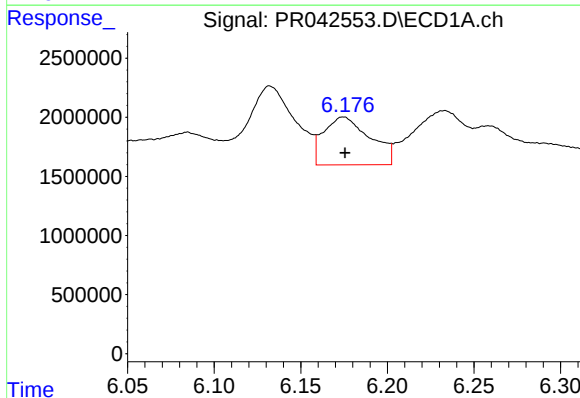
R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 11686720
Conc: 142.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



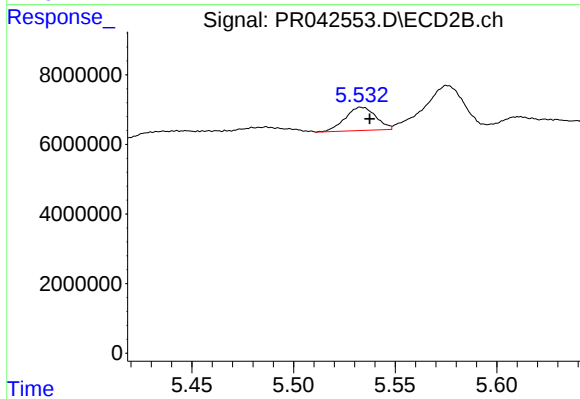
#14 AR-1232-4

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 6527102
Conc: 30.98 ng/ml



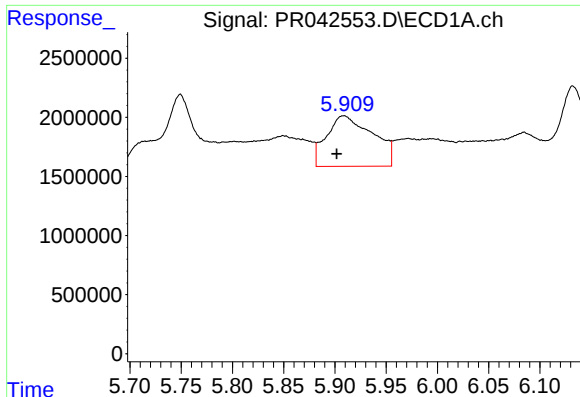
#15 AR-1232-5

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 7543438
Conc: 123.40 ng/ml



#15 AR-1232-5

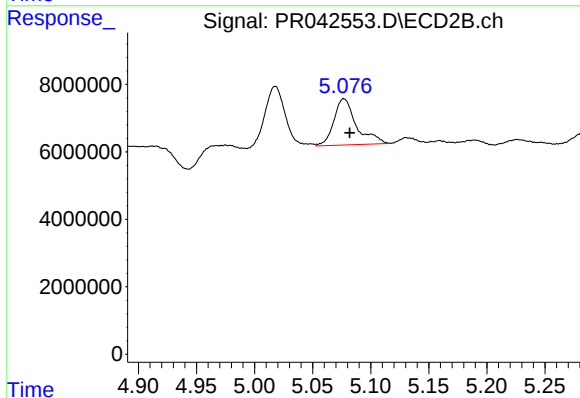
R.T.: 5.533 min
Delta R.T.: -0.004 min
Response: 7005684
Conc: 33.40 ng/ml



#16 AR-1242-1

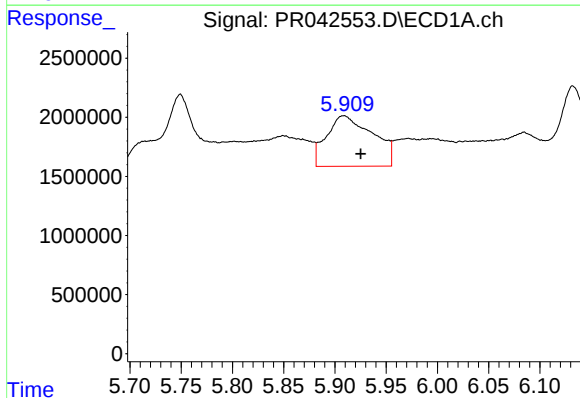
R.T.: 5.909 min
Delta R.T.: 0.007 min
Response: 13480793
Conc: 114.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



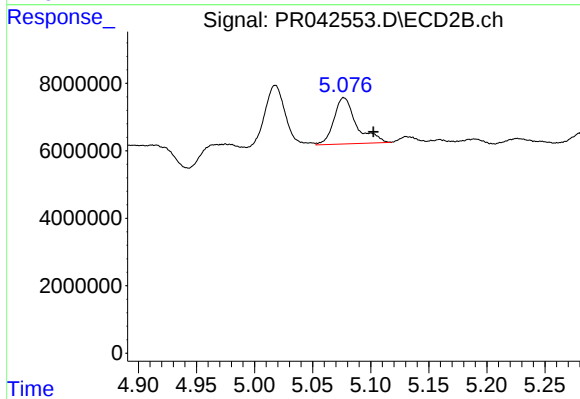
#16 AR-1242-1

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 18503703
Conc: 44.93 ng/ml



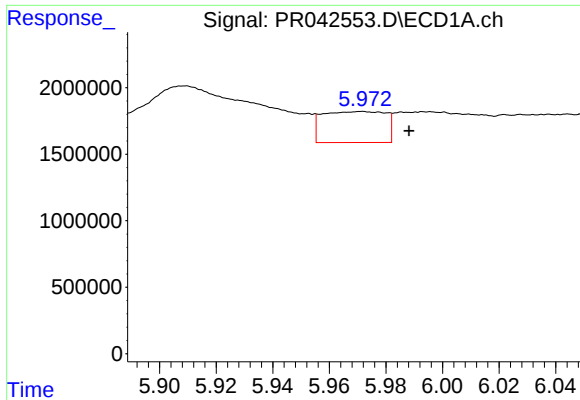
#17 AR-1242-2

R.T.: 5.909 min
Delta R.T.: -0.016 min
Response: 13480793
Conc: 79.90 ng/ml



#17 AR-1242-2

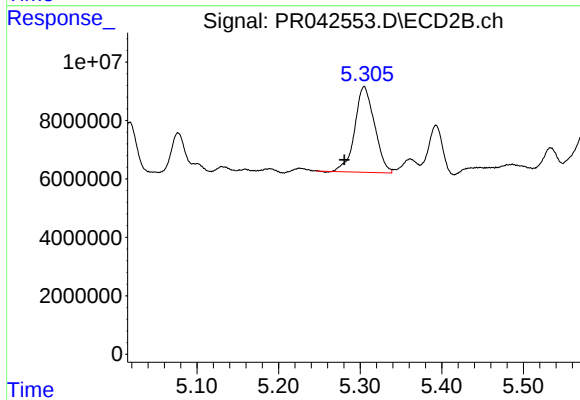
R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 18503703
Conc: 33.23 ng/ml



#18 AR-1242-3

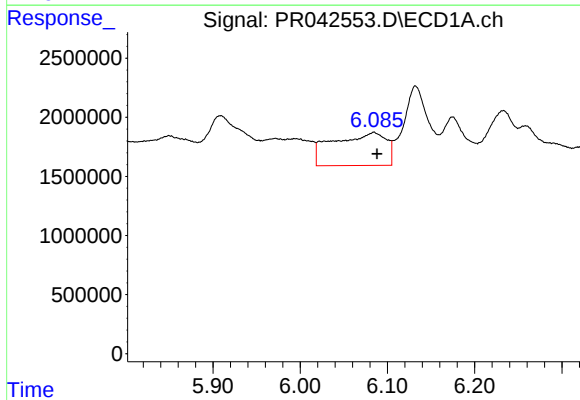
R.T.: 5.971 min
Delta R.T.: -0.017 min
Response: 3598756
Conc: 35.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



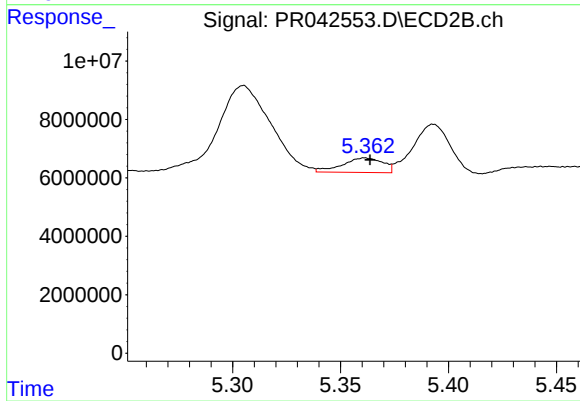
#18 AR-1242-3

R.T.: 5.305 min
Delta R.T.: 0.024 min
Response: 49383330
Conc: 186.90 ng/ml



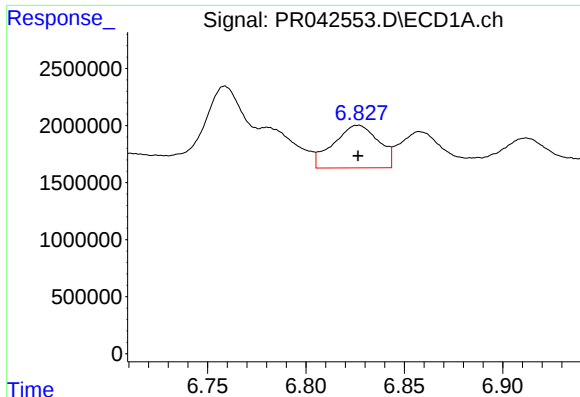
#19 AR-1242-4

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 11686720
Conc: 140.04 ng/ml



#19 AR-1242-4

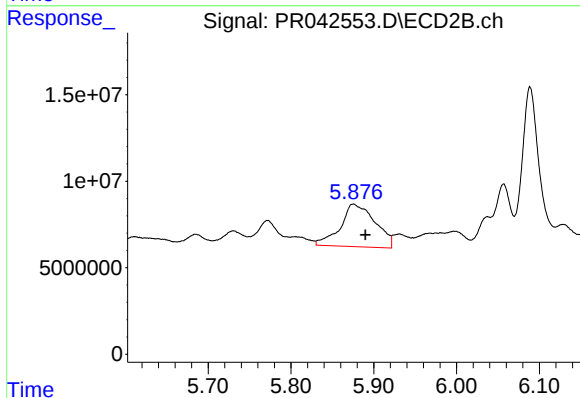
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 6527102
Conc: 27.06 ng/ml



#20 AR-1242-5

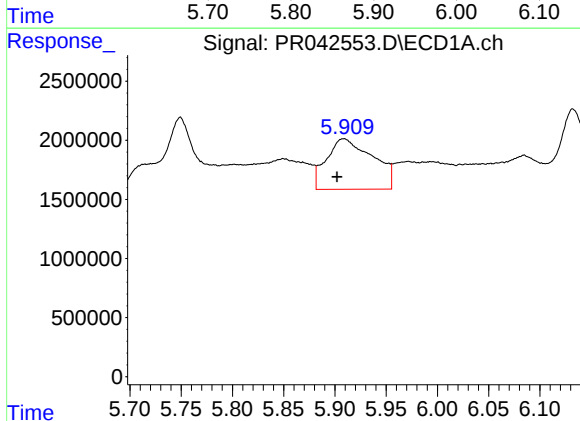
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 5953254
Conc: 62.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



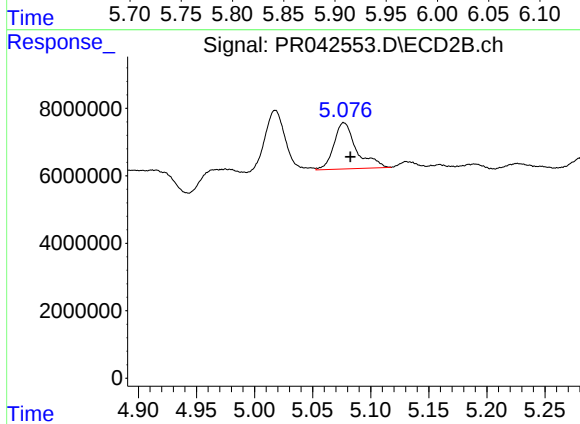
#20 AR-1242-5

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 72114119
Conc: 271.11 ng/ml



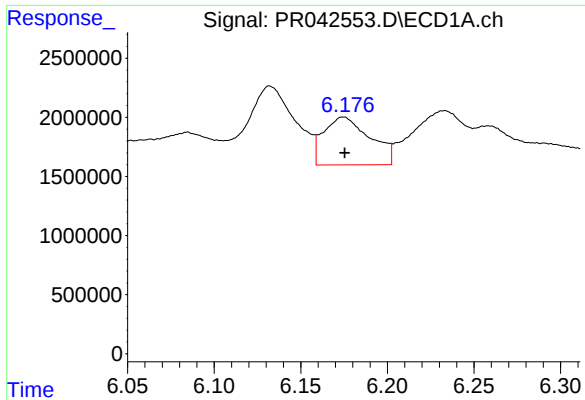
#21 AR-1248-1

R.T.: 5.909 min
Delta R.T.: 0.007 min
Response: 13480793
Conc: 145.65 ng/ml



#21 AR-1248-1

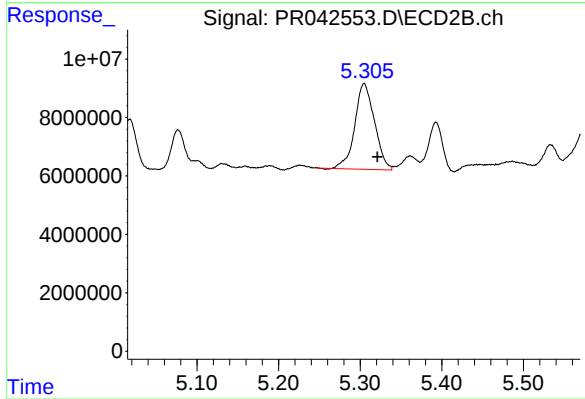
R.T.: 5.077 min
Delta R.T.: -0.006 min
Response: 18503703
Conc: 56.19 ng/ml



#22 AR-1248-2

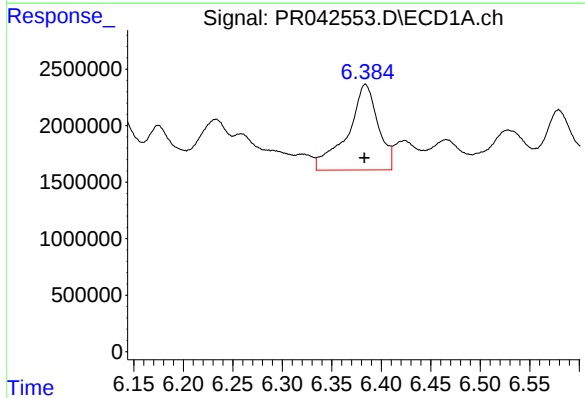
R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 7543438
Conc: 59.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



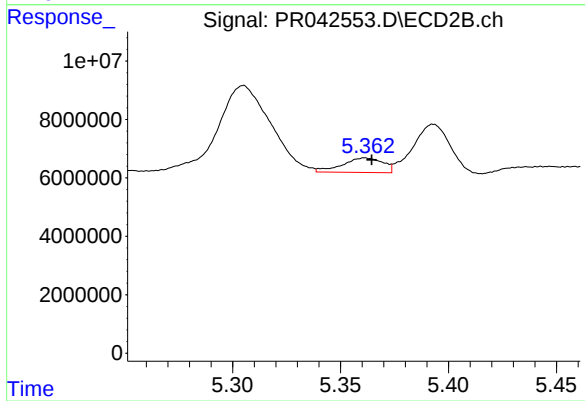
#22 AR-1248-2

R.T.: 5.305 min
Delta R.T.: -0.016 min
Response: 49383330
Conc: 140.85 ng/ml



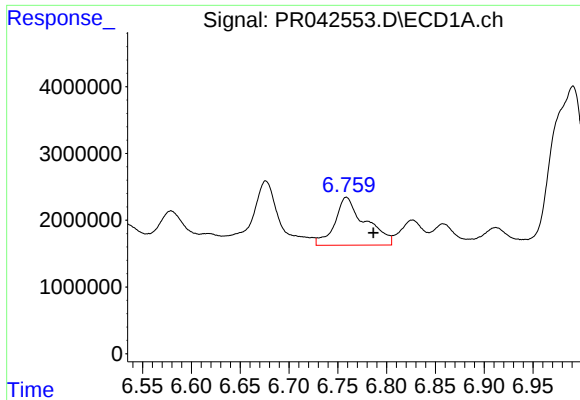
#23 AR-1248-3

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 16291422
Conc: 113.32 ng/ml



#23 AR-1248-3

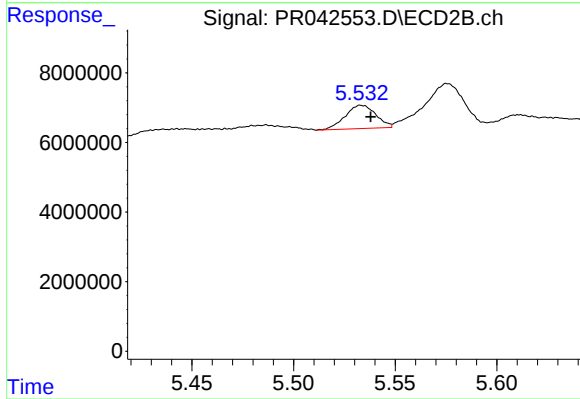
R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 6527102
Conc: 18.59 ng/ml



#24 AR-1248-4

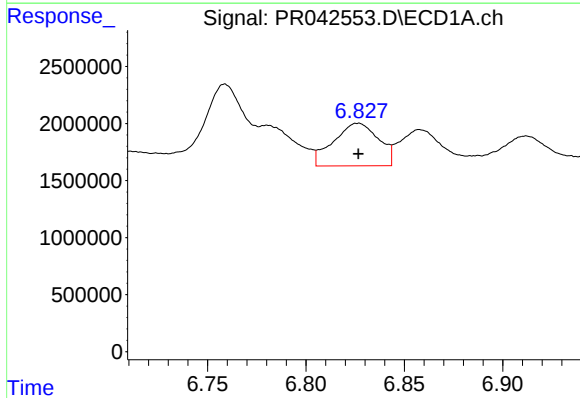
R.T.: 6.759 min
Delta R.T.: -0.028 min
Response: 15640516
Conc: 91.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



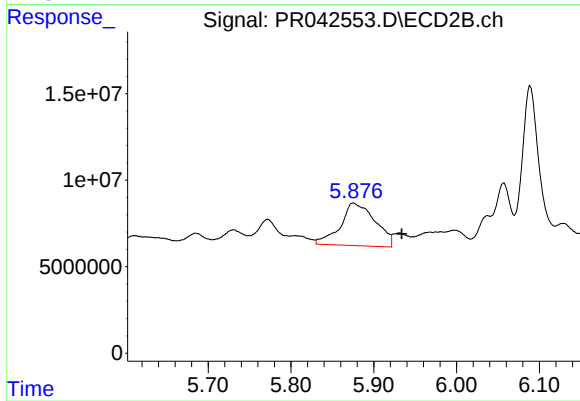
#24 AR-1248-4

R.T.: 5.533 min
Delta R.T.: -0.005 min
Response: 7005684
Conc: 18.43 ng/ml



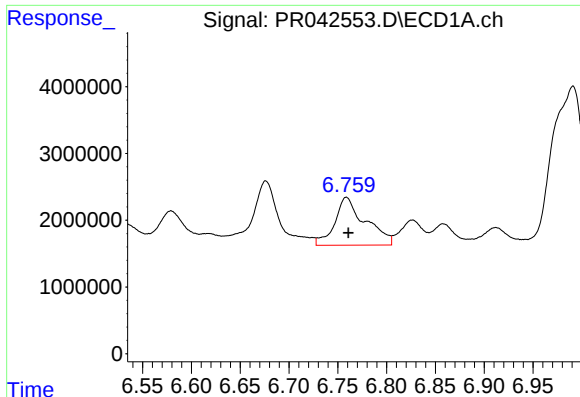
#25 AR-1248-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 5953254
Conc: 37.07 ng/ml



#25 AR-1248-5

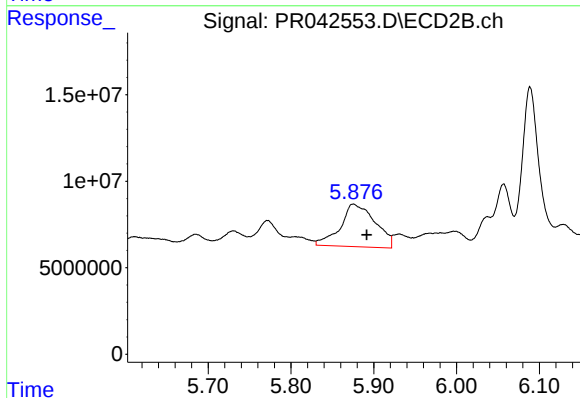
R.T.: 5.875 min
Delta R.T.: -0.059 min
Response: 72114119
Conc: 193.72 ng/ml



#26 AR-1254-1

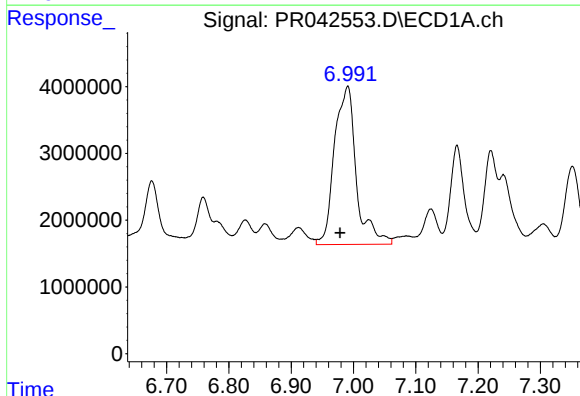
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 15640516
Conc: 87.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



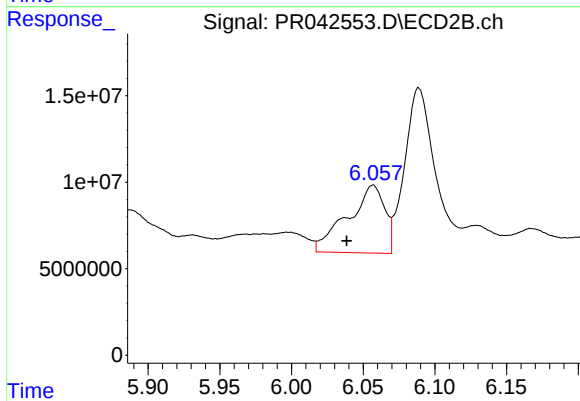
#26 AR-1254-1

R.T.: 5.875 min
Delta R.T.: -0.016 min
Response: 72114119
Conc: 125.46 ng/ml



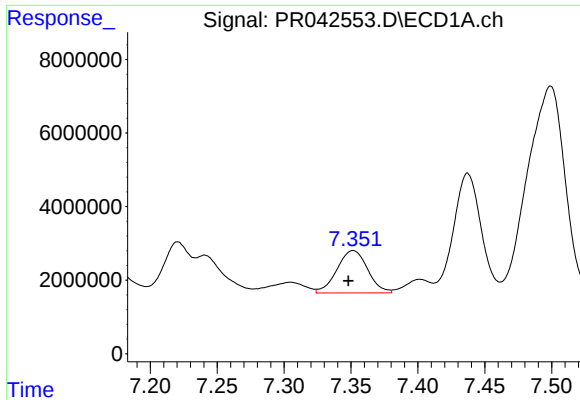
#27 AR-1254-2

R.T.: 6.990 min
Delta R.T.: 0.012 min
Response: 57911434
Conc: 205.12 ng/ml



#27 AR-1254-2

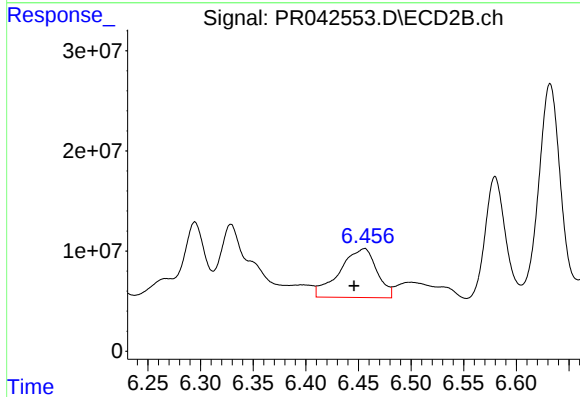
R.T.: 6.057 min
Delta R.T.: 0.018 min
Response: 70716048
Conc: 129.27 ng/ml



#28 AR-1254-3

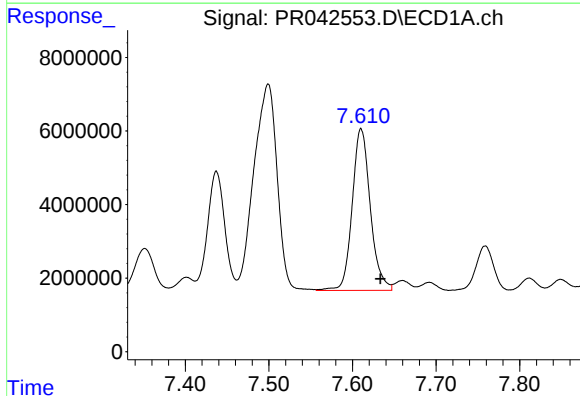
R.T.: 7.352 min
Delta R.T.: 0.004 min
Response: 18417314
Conc: 60.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



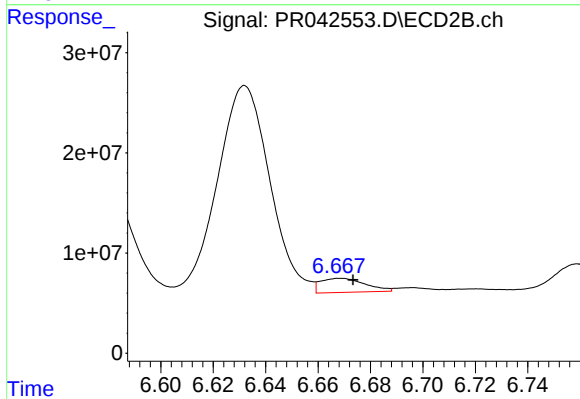
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: 0.010 min
Response: 119726805
Conc: 124.52 ng/ml



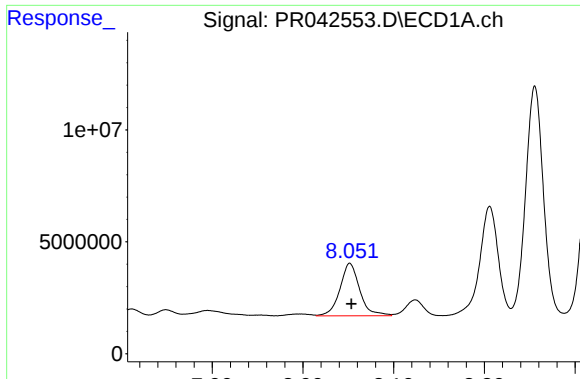
#29 AR-1254-4

R.T.: 7.610 min
Delta R.T.: -0.023 min
Response: 66222315
Conc: 297.41 ng/ml



#29 AR-1254-4

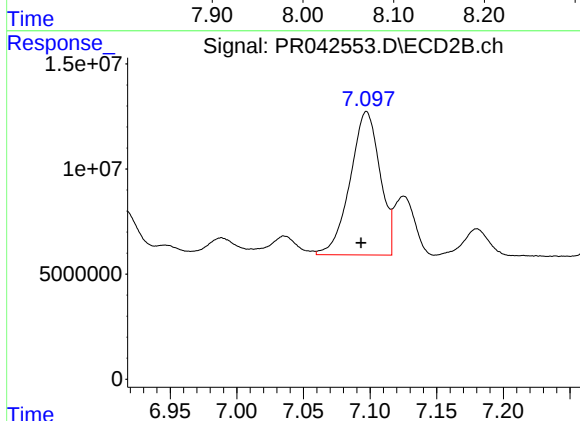
R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 16575097
Conc: 25.25 ng/ml



#30 AR-1254-5

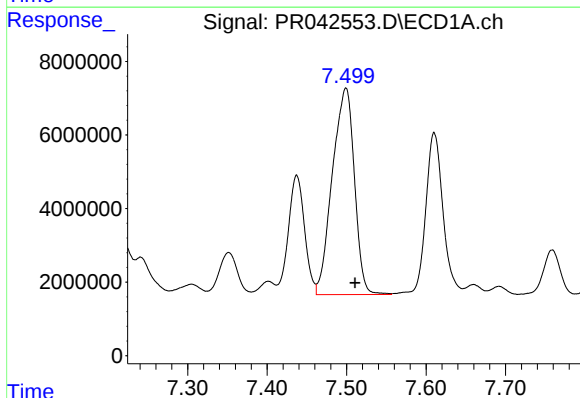
R.T.: 8.052 min
Delta R.T.: -0.002 min
Response: 35658199
Conc: 153.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



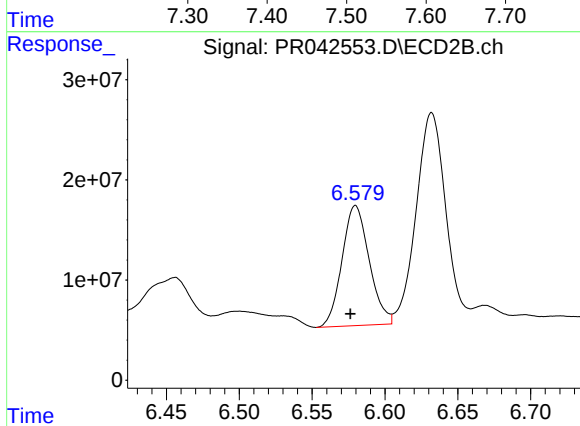
#30 AR-1254-5

R.T.: 7.097 min
Delta R.T.: 0.004 min
Response: 106296879
Conc: 129.44 ng/ml



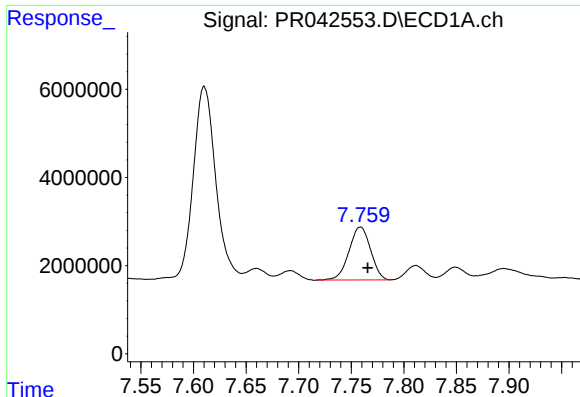
#31 AR-1260-1

R.T.: 7.499 min
Delta R.T.: -0.012 min
Response: 108516014
Conc: 521.69 ng/ml



#31 AR-1260-1

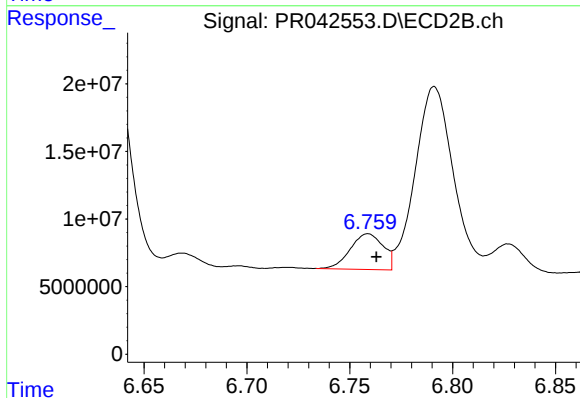
R.T.: 6.580 min
Delta R.T.: 0.004 min
Response: 155699122
Conc: 269.19 ng/ml



#32 AR-1260-2

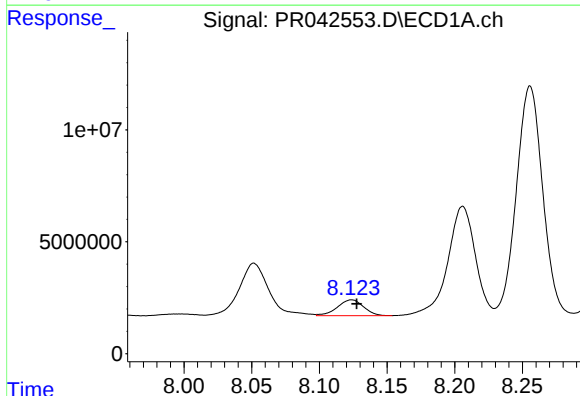
R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 17163360
Conc: 69.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



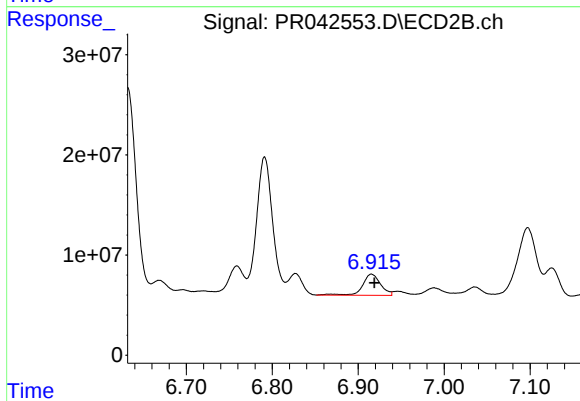
#32 AR-1260-2

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 29274963
Conc: 37.09 ng/ml



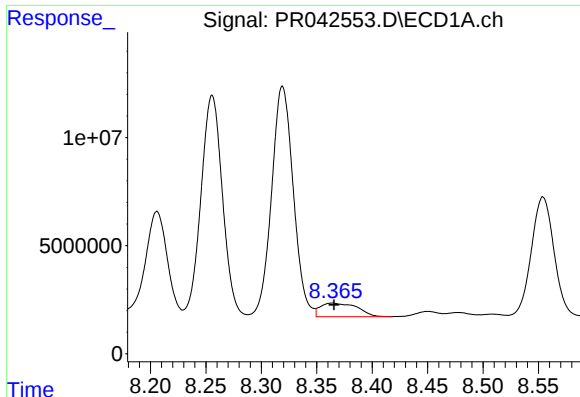
#33 AR-1260-3

R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 9546247
Conc: 51.16 ng/ml



#33 AR-1260-3

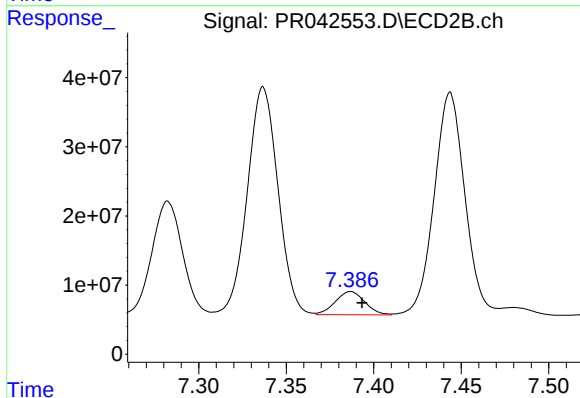
R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 30671584
Conc: 45.10 ng/ml



#34 AR-1260-4

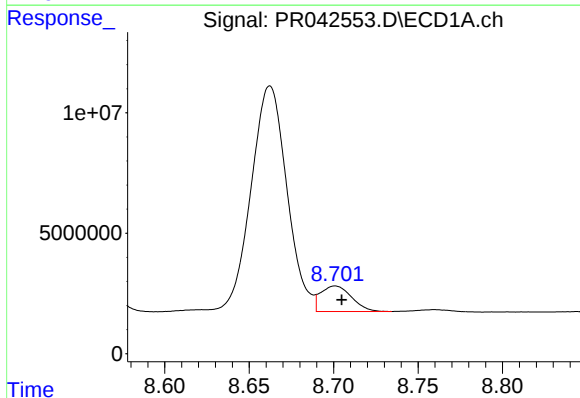
R.T.: 8.364 min
Delta R.T.: -0.001 min
Response: 14446930
Conc: 68.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



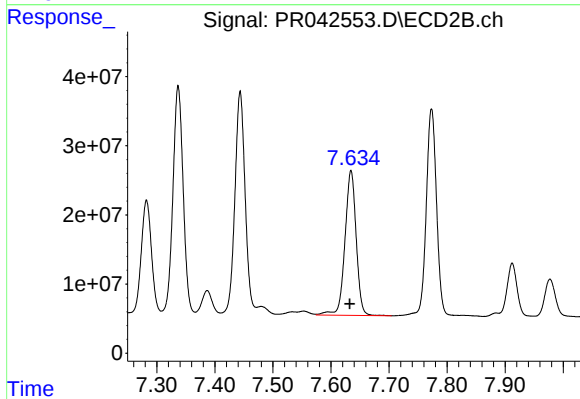
#34 AR-1260-4

R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 39386968
Conc: 71.88 ng/ml



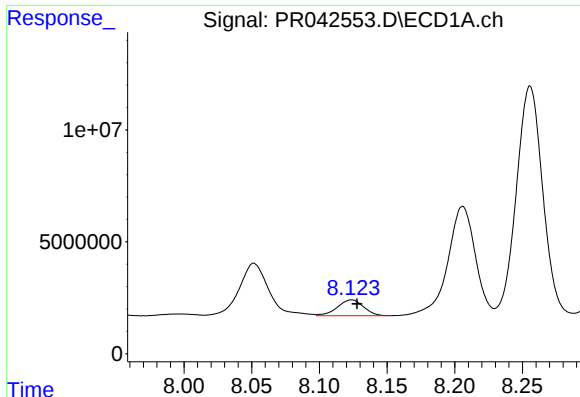
#35 AR-1260-5

R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 13527305
Conc: 32.20 ng/ml



#35 AR-1260-5

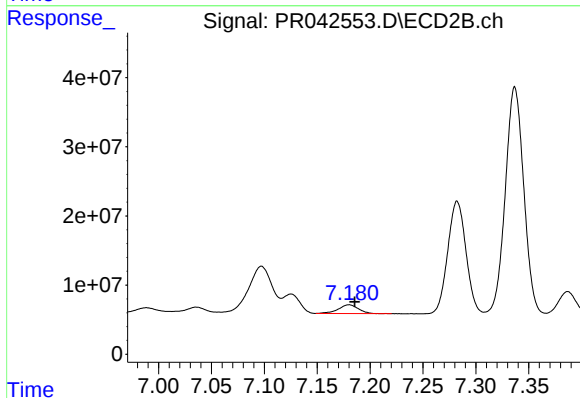
R.T.: 7.635 min
Delta R.T.: 0.002 min
Response: 281195433
Conc: 190.83 ng/ml



#36 AR-1262-1

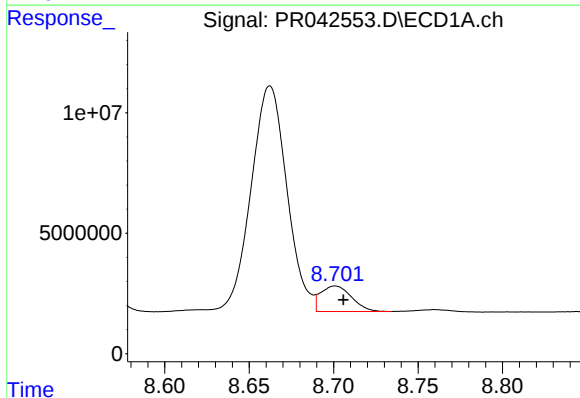
R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 9546247
Conc: 32.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



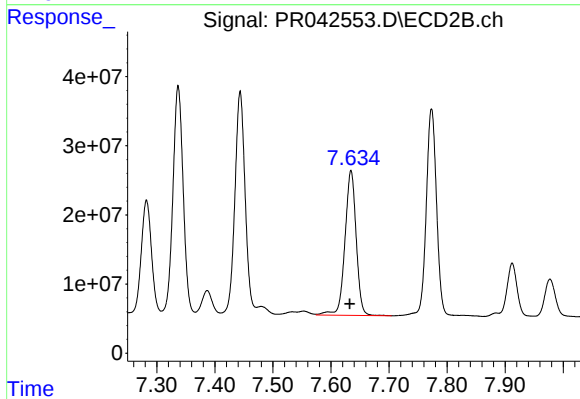
#36 AR-1262-1

R.T.: 7.180 min
Delta R.T.: -0.005 min
Response: 16880288
Conc: 41.40 ng/ml



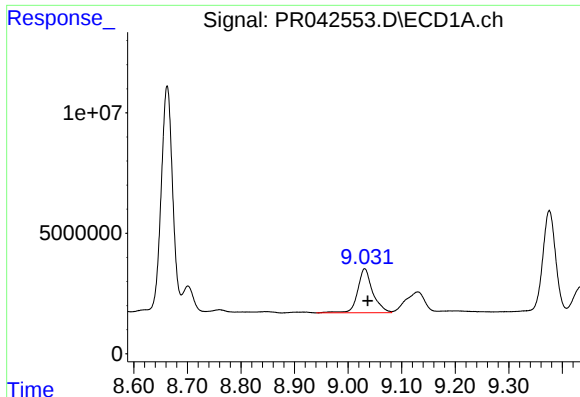
#37 AR-1262-2

R.T.: 8.701 min
Delta R.T.: -0.005 min
Response: 13527305
Conc: 24.87 ng/ml



#37 AR-1262-2

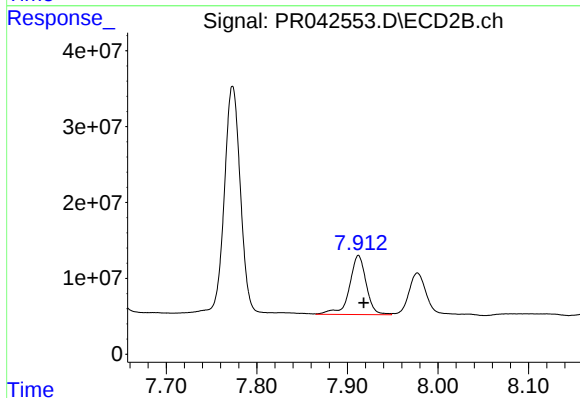
R.T.: 7.635 min
Delta R.T.: 0.002 min
Response: 281195433
Conc: 151.88 ng/ml



#38 AR-1262-3

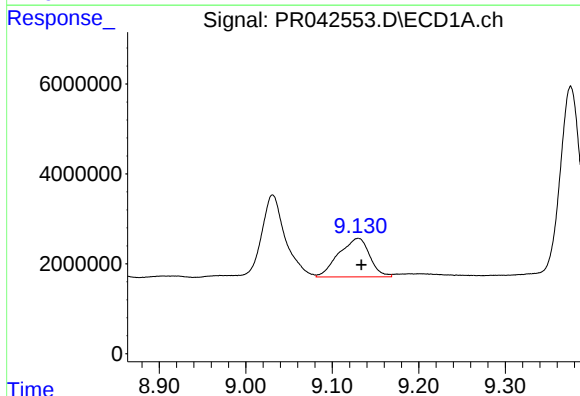
R.T.: 9.031 min
Delta R.T.: -0.005 min
Response: 35506582
Conc: 103.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



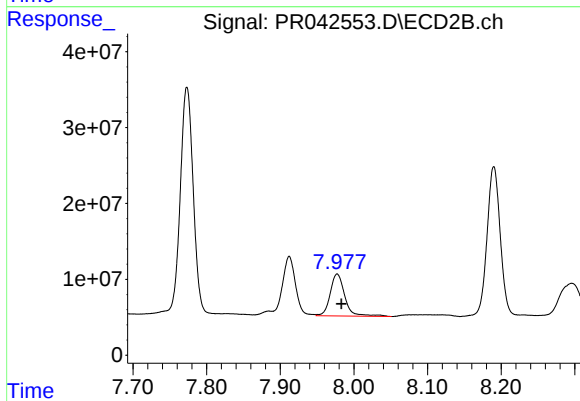
#38 AR-1262-3

R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 100420495
Conc: 144.60 ng/ml



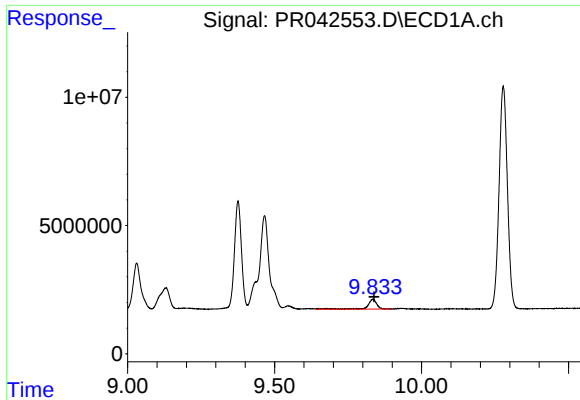
#39 AR-1262-4

R.T.: 9.130 min
Delta R.T.: -0.004 min
Response: 21382609
Conc: 162.81 ng/ml



#39 AR-1262-4

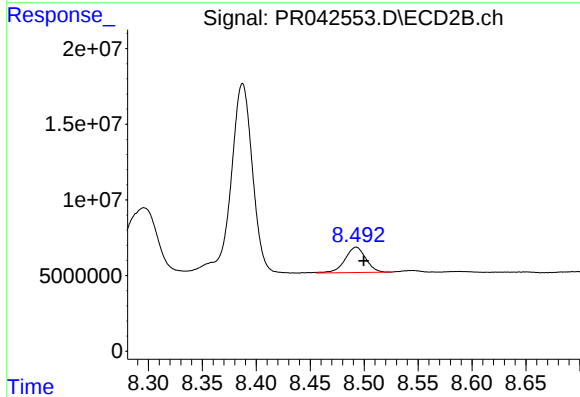
R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 76877990
Conc: 62.99 ng/ml



#40 AR-1262-5

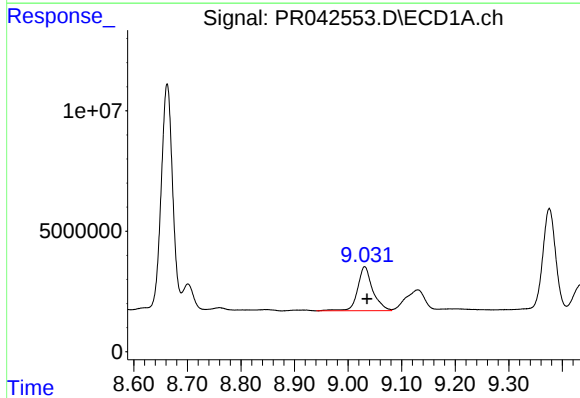
R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 8422163
Conc: 51.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



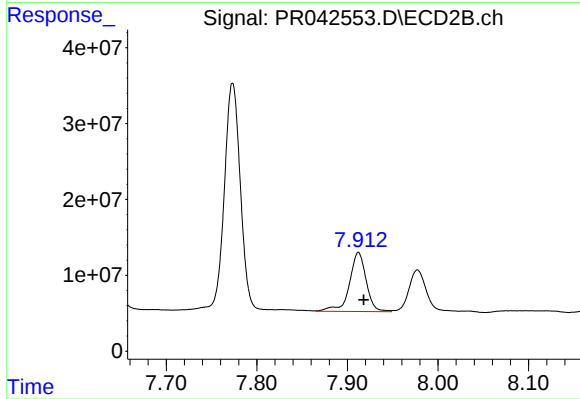
#40 AR-1262-5

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 22664692
Conc: 42.95 ng/ml



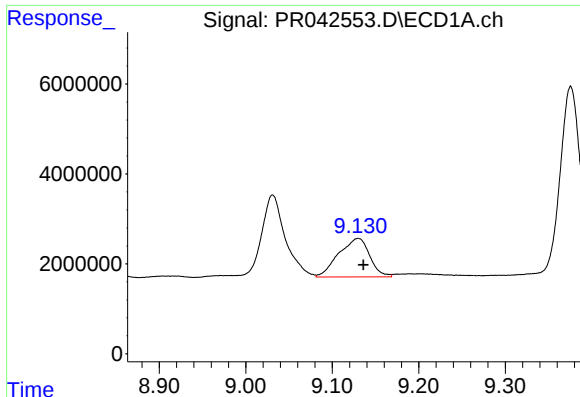
#41 AR-1268-1

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 35506582
Conc: 64.79 ng/ml



#41 AR-1268-1

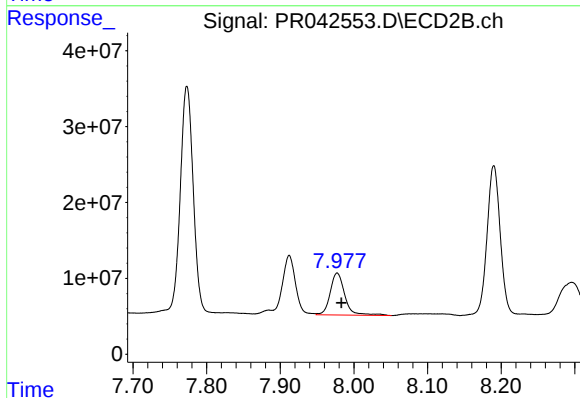
R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 100420495
Conc: 53.48 ng/ml



#42 AR-1268-2

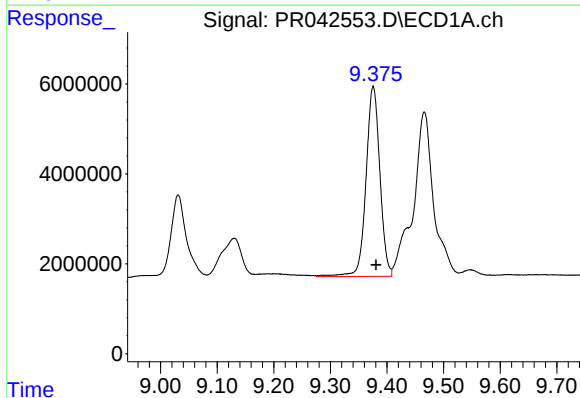
R.T.: 9.130 min
Delta R.T.: -0.006 min
Response: 21382609
Conc: 44.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



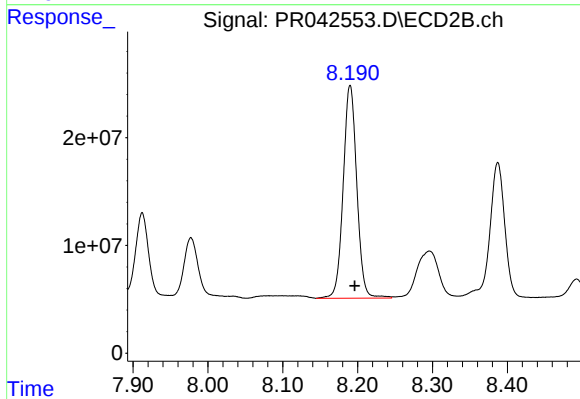
#42 AR-1268-2

R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 76877990
Conc: 46.06 ng/ml



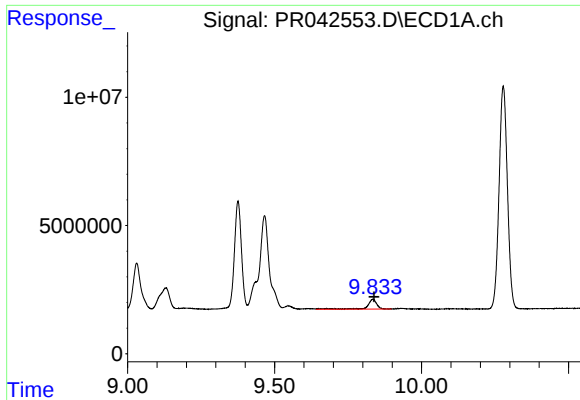
#43 AR-1268-3

R.T.: 9.376 min
Delta R.T.: -0.005 min
Response: 71911786
Conc: 181.95 ng/ml



#43 AR-1268-3

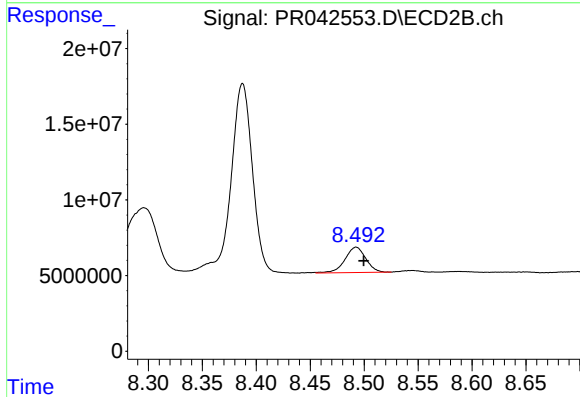
R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 249900312
Conc: 177.74 ng/ml



#44 AR-1268-4

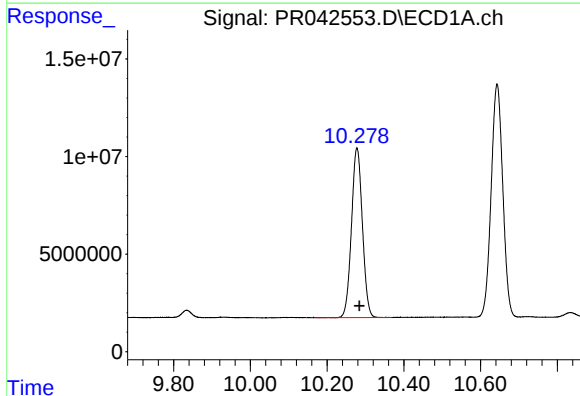
R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 8422163
Conc: 50.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



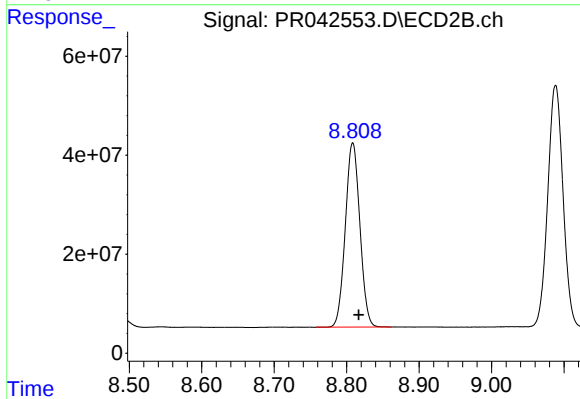
#44 AR-1268-4

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 22664692
Conc: 41.87 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: -0.006 min
Response: 171623741
Conc: 140.45 ng/ml



#45 AR-1268-5

R.T.: 8.808 min
Delta R.T.: -0.008 min
Response: 519658446
Conc: 136.04 ng/ml