

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012120\
 Data File : PR044451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 11:55
 Operator : DD\AJ
 Sample : L1161-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:14:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.708	3.960	154.4E6	316.2E6	20.825	19.994
2)	SA Decachlor...	10.607	9.042	162.9E6	284.5E6	21.321	19.991
Target Compounds							
3)	L1 AR-1016-1	5.883	5.050	6473850	11971946	23.804	26.538
4)	L1 AR-1016-2	5.906	5.069	9607692	16125613	24.976	26.145
5)	L1 AR-1016-3	5.969	5.248	5701167	7077048	25.123	23.287
6)	L1 AR-1016-4	6.069	5.287	4623742	5083832	24.340	22.146
7)	L1 AR-1016-5	6.362	5.503	3883778	6260477	20.981	19.907
8)	L2 AR-1221-1	4.915	4.170	2644575	6413196	35.974	38.512
9)	L2 AR-1221-2	5.008	4.261	3669750	8247085	66.980	66.889
10)	L2 AR-1221-3	5.082	4.334	8618652	19579274	48.585	50.804
11)	L3 AR-1232-1	5.082	4.334	8618652	19579274	61.467	64.203
12)	L3 AR-1232-2	5.616	5.069	4764516	16125613	64.609	65.407
13)	L3 AR-1232-3	5.906	5.248	9607692	7077048	63.997	58.687
14)	L3 AR-1232-4	6.069	5.330	4623742	6263758	62.169	63.994
15)	L3 AR-1232-5	6.155	5.503	3749037	6260477	67.813	55.729
16)	L4 AR-1242-1	5.883	5.050	6473850	11971946	33.672	38.403
17)	L4 AR-1242-2	5.906	5.069	9607692	16125613	35.323	37.741
18)	L4 AR-1242-3	5.969	5.248	5701167	7077048	35.159	33.302
19)	L4 AR-1242-4	6.069	5.330	4623742	6263758	34.092	32.502
20)	L4 AR-1242-5	6.805	5.856	4956315	12057038	32.475	39.063
21)	L5 AR-1248-1	5.883	5.050	6473850	11971946	42.687	47.454
22)	L5 AR-1248-2	6.155	5.287	3749037	5083832	18.390	18.556
23)	L5 AR-1248-3	6.362	5.330	3883778	6263758	17.057	22.336 #
24)	L5 AR-1248-4	6.765	5.503	4712656	6260477	17.408	17.325
25)	L5 AR-1248-5	6.805	5.897	4956315	12850452	19.368	30.645 #
26)	L6 AR-1254-1	6.738	5.856	3539398	12057038	13.505	19.427 #
27)	L6 AR-1254-2	6.965	6.003	3920063	5925034	9.634	10.661
28)	L6 AR-1254-3	7.327	6.408	2071482	3000660	4.705	3.171 #
29)	L6 AR-1254-4	7.610	6.635	1052048	3416824	3.117	4.742 #
30)	L6 AR-1254-5	0.000	7.060	0	1173045	N.D.	1.374 #
31)	L7 AR-1260-1	7.448	6.533	594163	747913	1.780	1.097 #
32)	L7 AR-1260-2	0.000	6.712	0	3417072	N.D.	3.422 #
33)	L7 AR-1260-3	0.000	6.883	0	1602775	N.D.	1.976 #
34)	L7 AR-1260-4	0.000	7.348	0	1141481	N.D.	1.583 #
35)	L7 AR-1260-5	0.000	7.593	0	6233127	N.D.	2.883 #
36)	L8 AR-1262-1	0.000	7.095	0	1304119	N.D.	1.079 #
37)	L8 AR-1262-2	0.000	7.593	0	6233127	N.D.	2.797 #
38)	L8 AR-1262-3	0.000	7.934	0	4314958	N.D.	4.880 #
39)	L8 AR-1262-4	0.000	7.934	0	4314958	N.D.	2.936 #
41)	L9 AR-1268-1	0.000	7.934	0	4314958	N.D.	1.615 #
42)	L9 AR-1268-2	0.000	7.934	0	4314958	N.D.	1.887 #

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 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.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
43) L9	AR-1268-3	9.346	8.149	1643479	5752577	1.987	2.952 #
45) L9	AR-1268-5	10.249	8.769	1004728	2549873	0.349	0.455 #

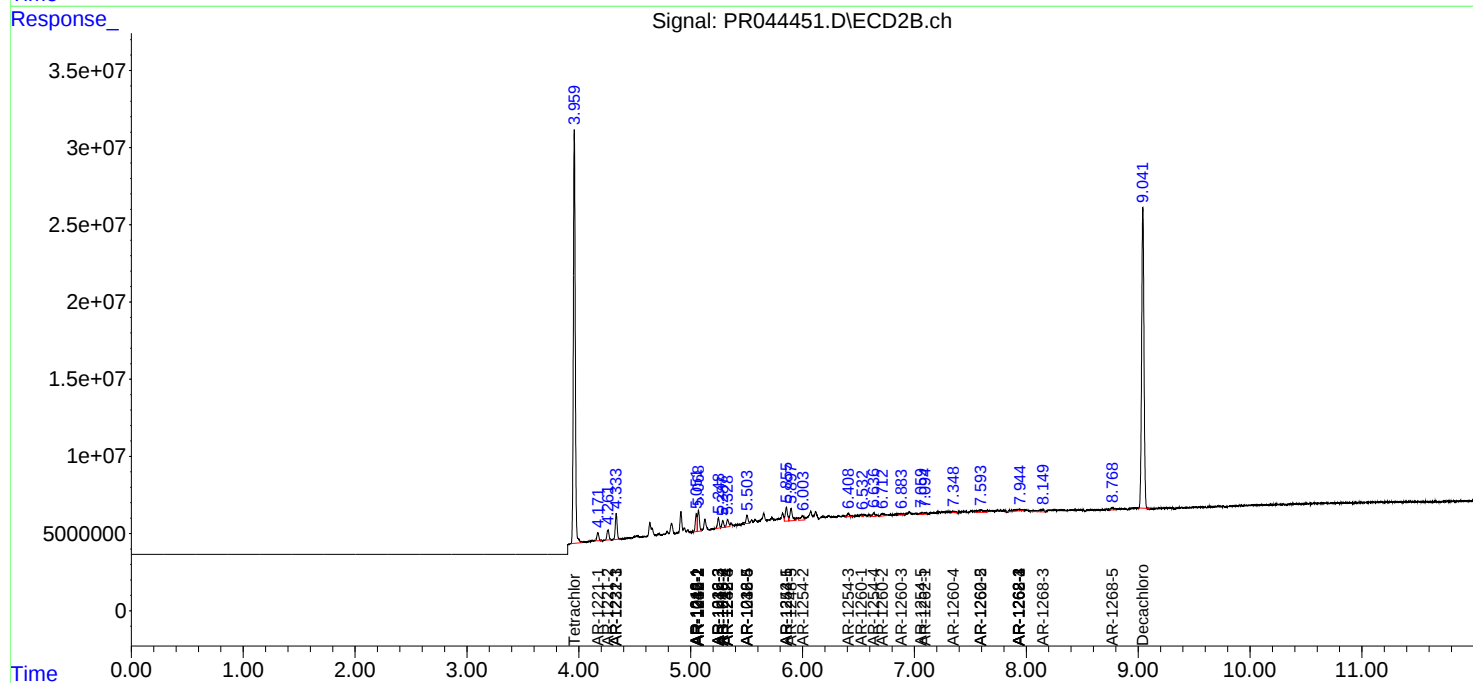
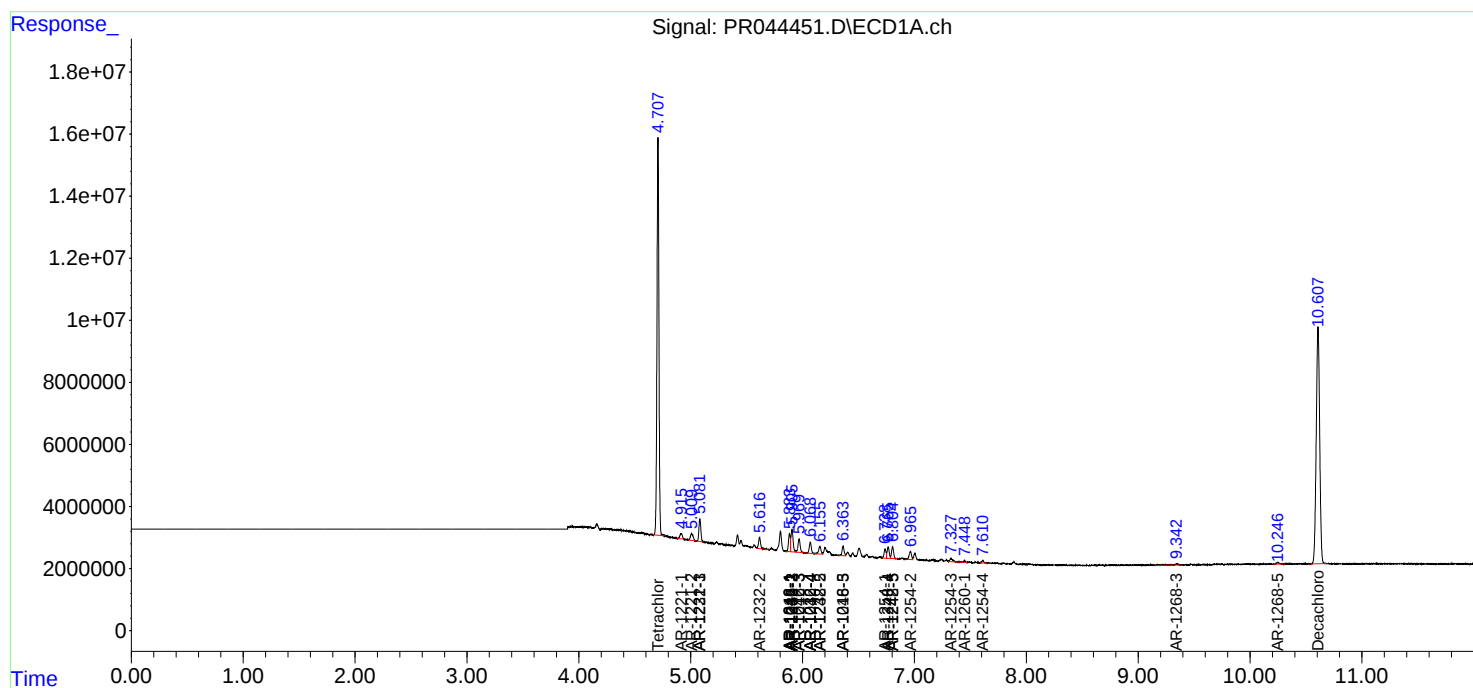
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

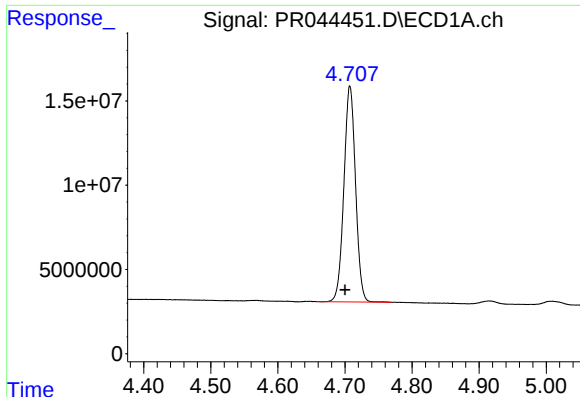
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

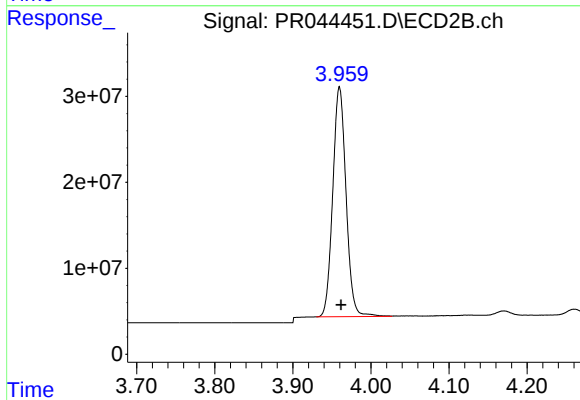




#1 Tetrachloro-m-xylene

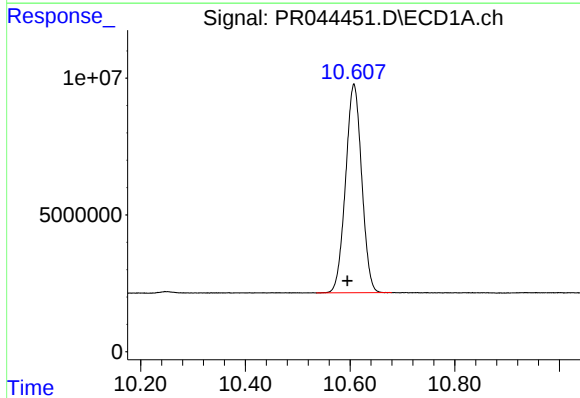
R.T.: 4.708 min
Delta R.T.: 0.008 min
Response: 154392415
Conc: 20.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



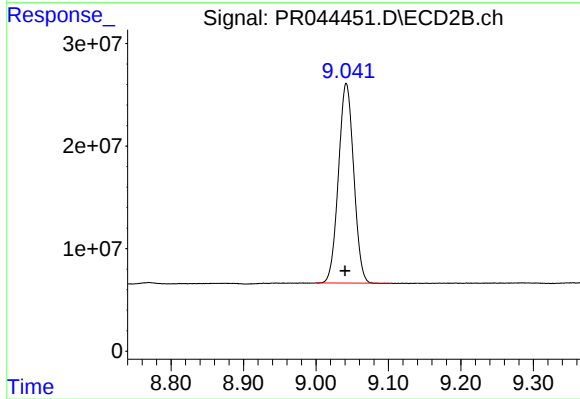
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 316170257
Conc: 19.99 ng/ml



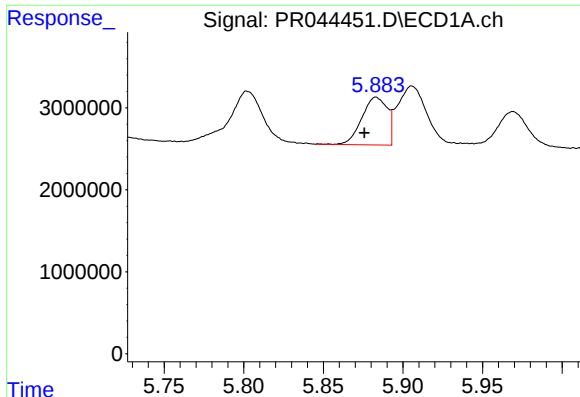
#2 Decachlorobiphenyl

R.T.: 10.607 min
Delta R.T.: 0.013 min
Response: 162880493
Conc: 21.32 ng/ml



#2 Decachlorobiphenyl

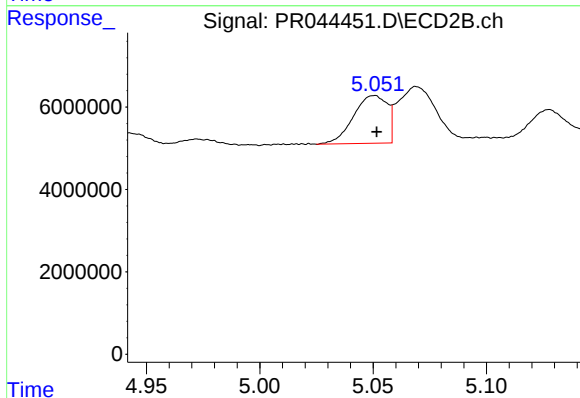
R.T.: 9.042 min
Delta R.T.: 0.002 min
Response: 284475847
Conc: 19.99 ng/ml



#3 AR-1016-1

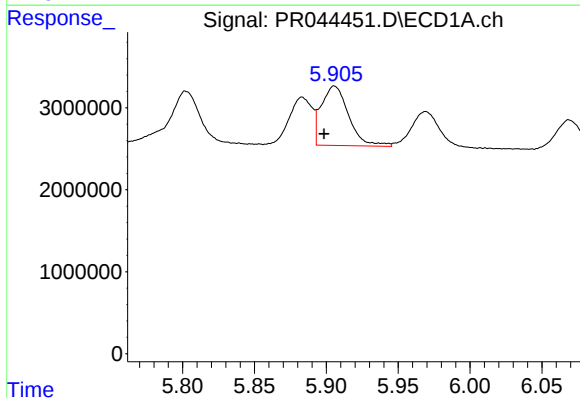
R.T.: 5.883 min
Delta R.T.: 0.008 min
Response: 6473850
Conc: 23.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



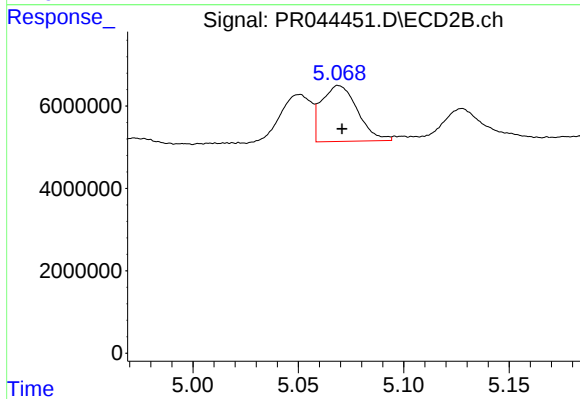
#3 AR-1016-1

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 11971946
Conc: 26.54 ng/ml



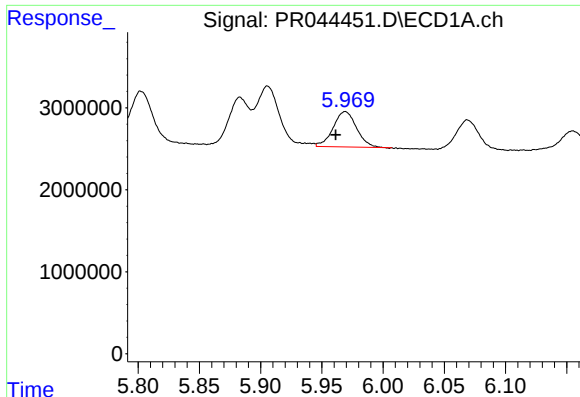
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: 0.007 min
Response: 9607692
Conc: 24.98 ng/ml



#4 AR-1016-2

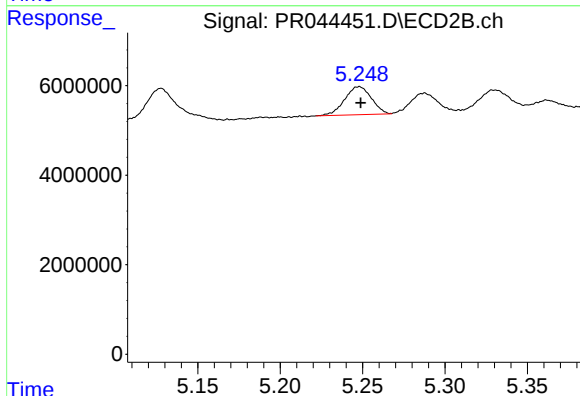
R.T.: 5.069 min
Delta R.T.: -0.002 min
Response: 16125613
Conc: 26.15 ng/ml



#5 AR-1016-3

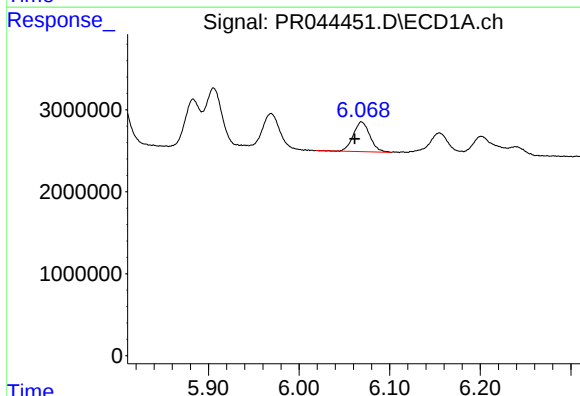
R.T.: 5.969 min
Delta R.T.: 0.008 min
Response: 5701167
Conc: 25.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



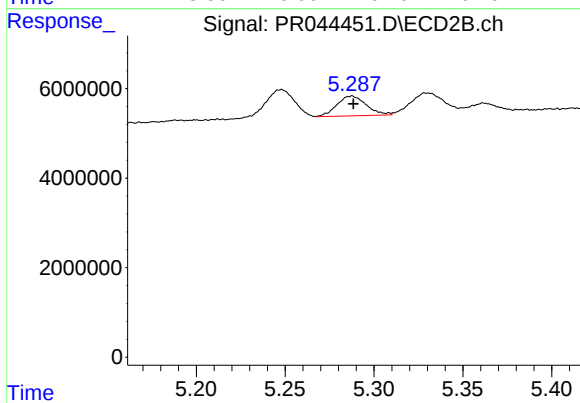
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 7077048
Conc: 23.29 ng/ml



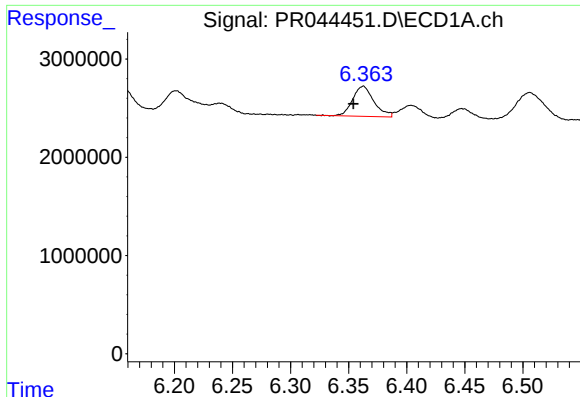
#6 AR-1016-4

R.T.: 6.069 min
Delta R.T.: 0.008 min
Response: 4623742
Conc: 24.34 ng/ml



#6 AR-1016-4

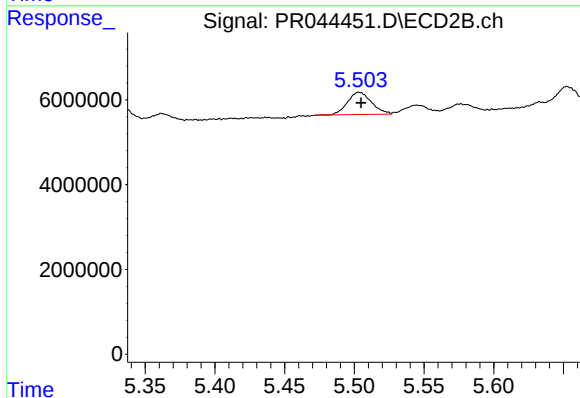
R.T.: 5.287 min
Delta R.T.: -0.001 min
Response: 5083832
Conc: 22.15 ng/ml



#7 AR-1016-5

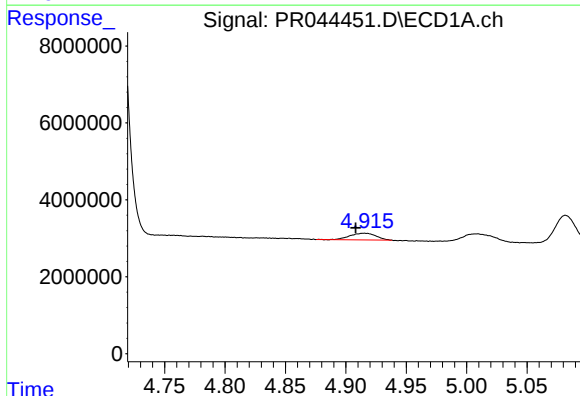
R.T.: 6.362 min
Delta R.T.: 0.008 min
Response: 3883778
Conc: 20.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



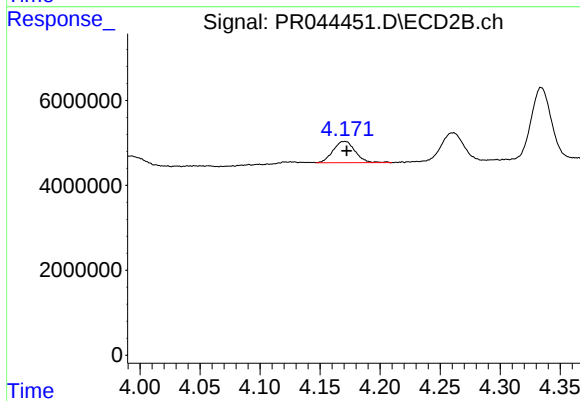
#7 AR-1016-5

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 6260477
Conc: 19.91 ng/ml



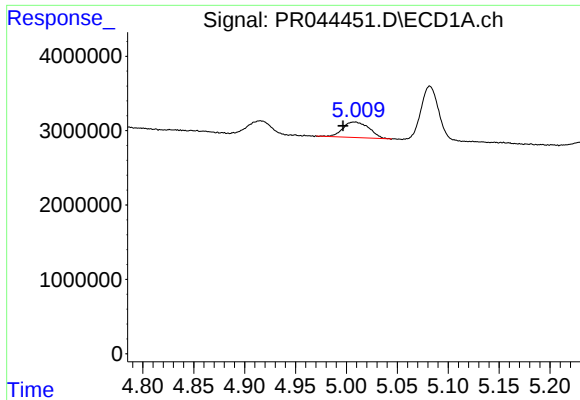
#8 AR-1221-1

R.T.: 4.915 min
Delta R.T.: 0.007 min
Response: 2644575
Conc: 35.97 ng/ml



#8 AR-1221-1

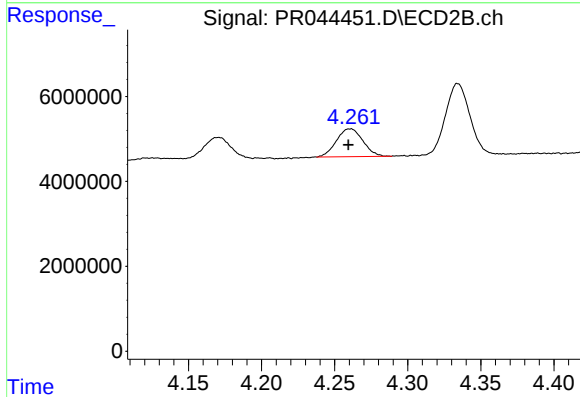
R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 6413196
Conc: 38.51 ng/ml



#9 AR-1221-2

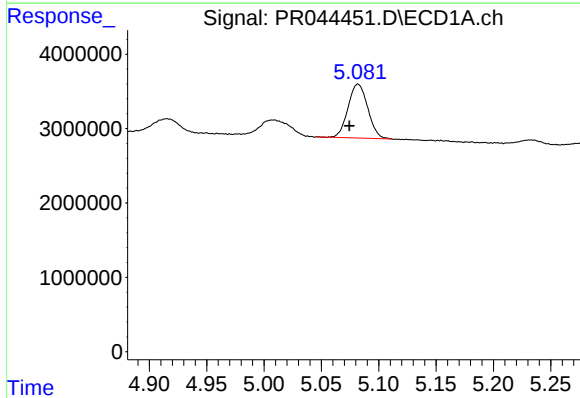
R.T.: 5.008 min
Delta R.T.: 0.011 min
Response: 3669750
Conc: 66.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



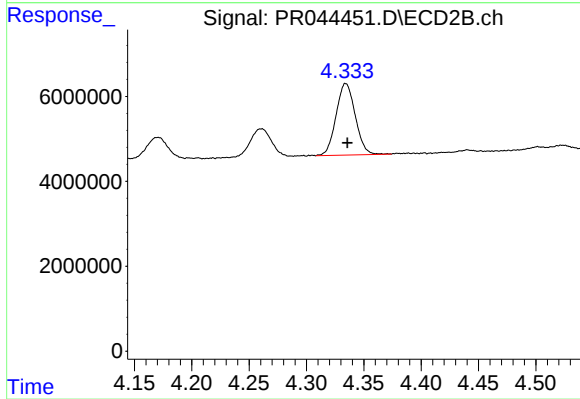
#9 AR-1221-2

R.T.: 4.261 min
Delta R.T.: 0.001 min
Response: 8247085
Conc: 66.89 ng/ml



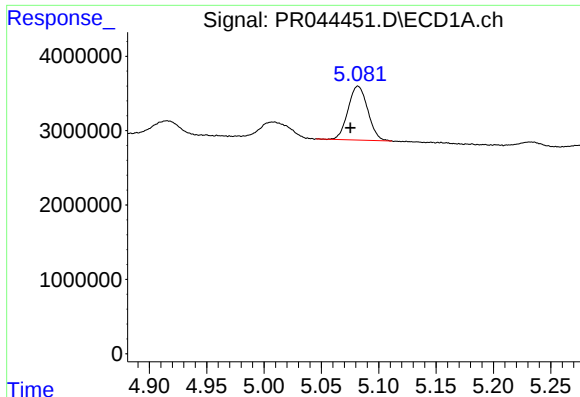
#10 AR-1221-3

R.T.: 5.082 min
Delta R.T.: 0.008 min
Response: 8618652
Conc: 48.59 ng/ml



#10 AR-1221-3

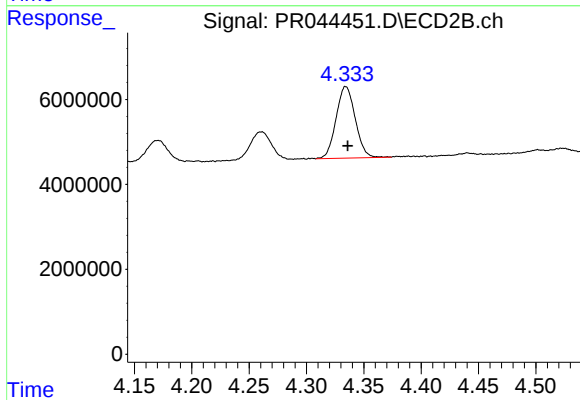
R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 19579274
Conc: 50.80 ng/ml



#11 AR-1232-1

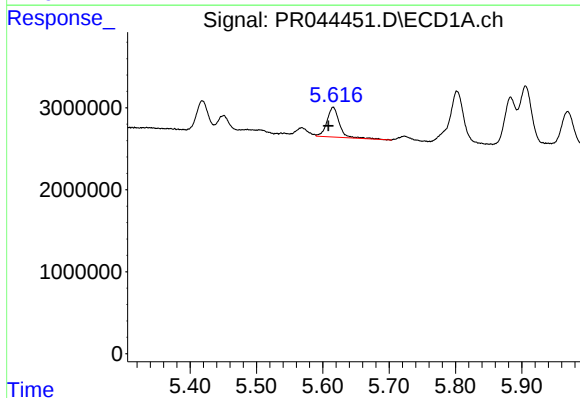
R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 8618652
Conc: 61.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



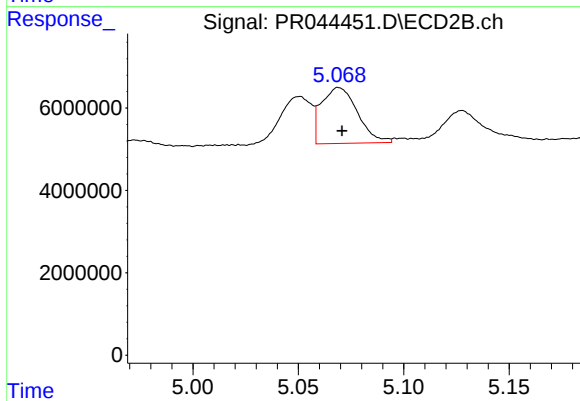
#11 AR-1232-1

R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 19579274
Conc: 64.20 ng/ml



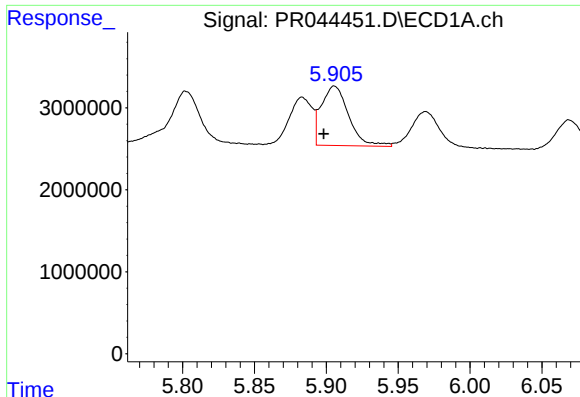
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: 0.007 min
Response: 4764516
Conc: 64.61 ng/ml



#12 AR-1232-2

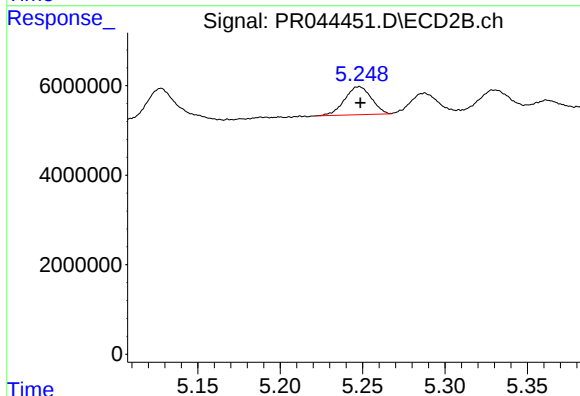
R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 16125613
Conc: 65.41 ng/ml



#13 AR-1232-3

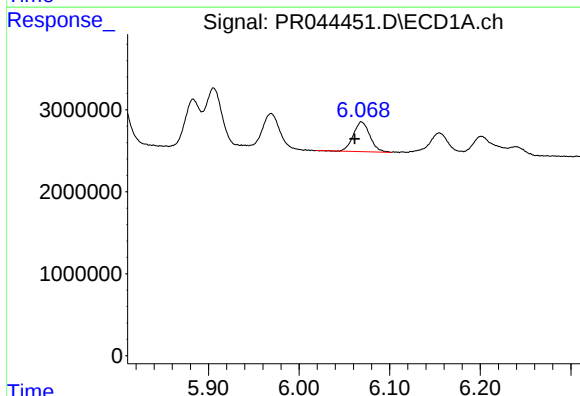
R.T.: 5.906 min
Delta R.T.: 0.008 min
Response: 9607692
Conc: 64.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



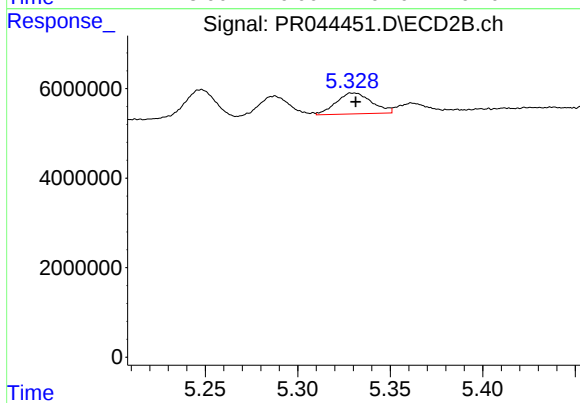
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 7077048
Conc: 58.69 ng/ml



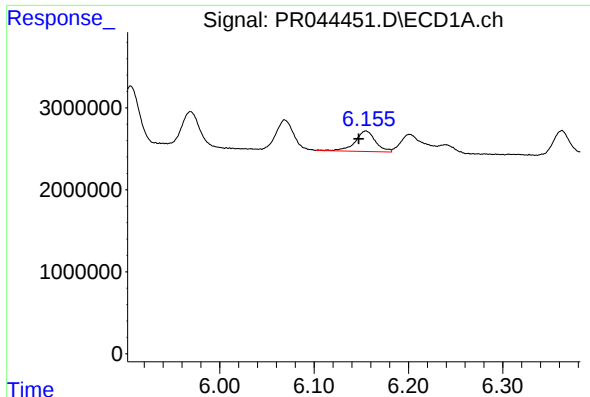
#14 AR-1232-4

R.T.: 6.069 min
Delta R.T.: 0.008 min
Response: 4623742
Conc: 62.17 ng/ml



#14 AR-1232-4

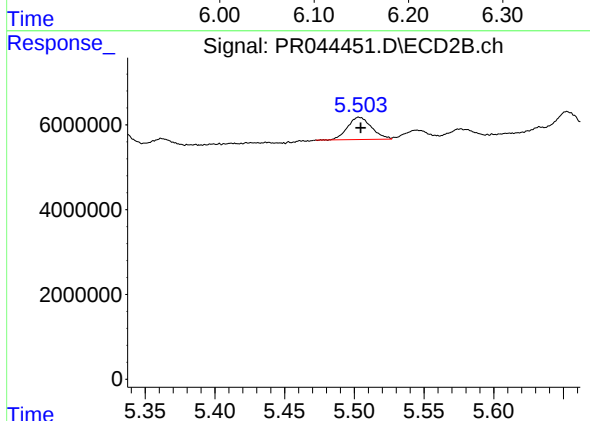
R.T.: 5.330 min
Delta R.T.: -0.001 min
Response: 6263758
Conc: 63.99 ng/ml



#15 AR-1232-5

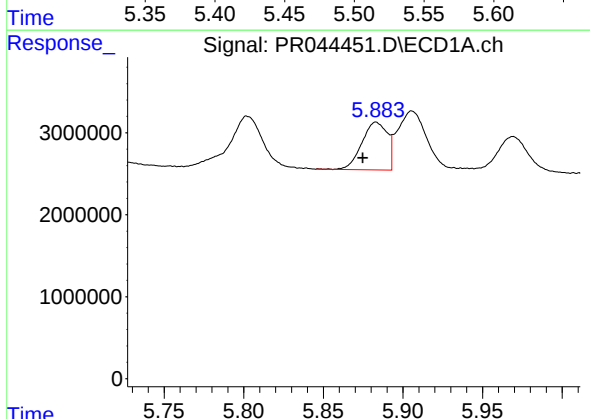
R.T.: 6.155 min
Delta R.T.: 0.008 min
Response: 3749037
Conc: 67.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



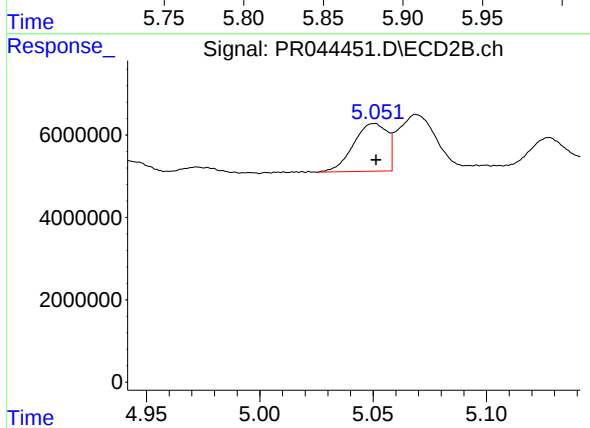
#15 AR-1232-5

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 6260477
Conc: 55.73 ng/ml



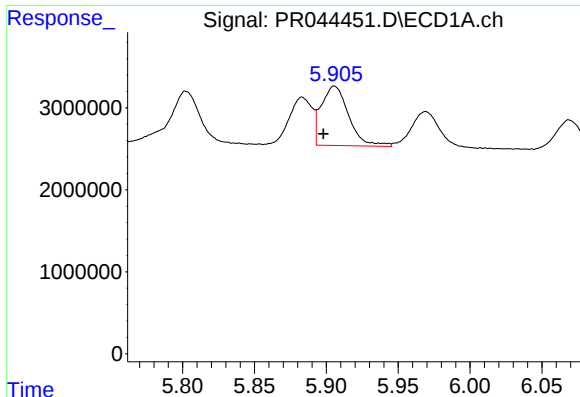
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: 0.009 min
Response: 6473850
Conc: 33.67 ng/ml



#16 AR-1242-1

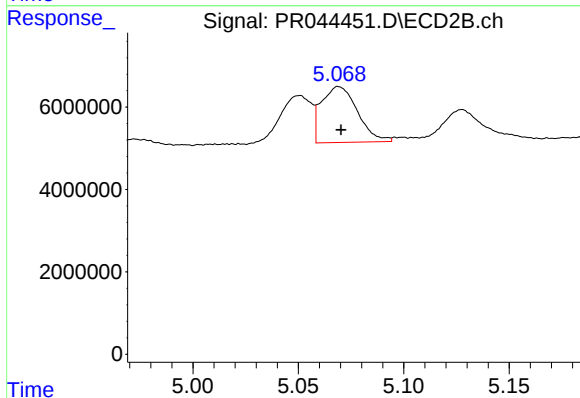
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 11971946
Conc: 38.40 ng/ml



#17 AR-1242-2

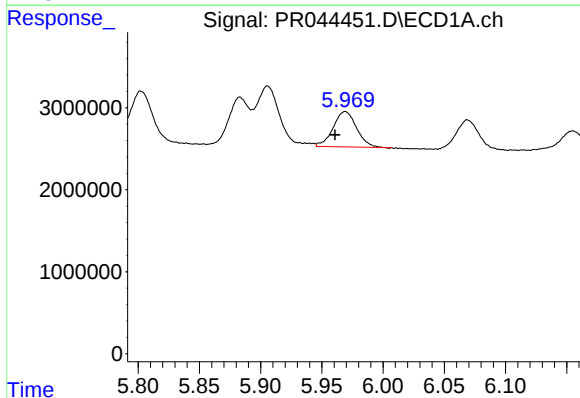
R.T.: 5.906 min
Delta R.T.: 0.008 min
Response: 9607692
Conc: 35.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



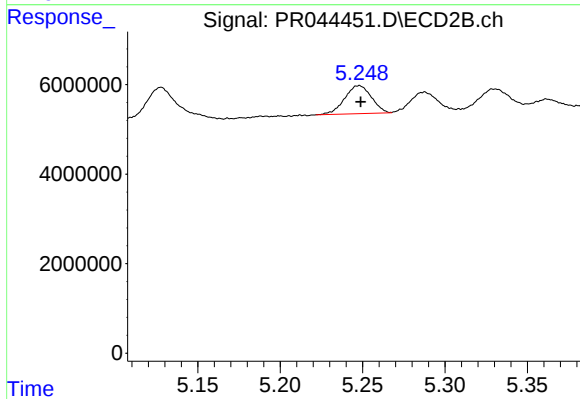
#17 AR-1242-2

R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 16125613
Conc: 37.74 ng/ml



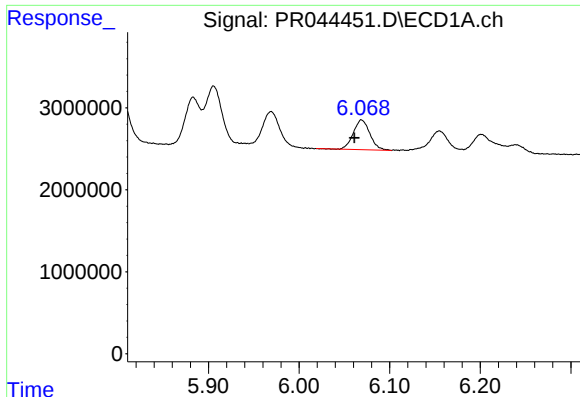
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: 0.008 min
Response: 5701167
Conc: 35.16 ng/ml



#18 AR-1242-3

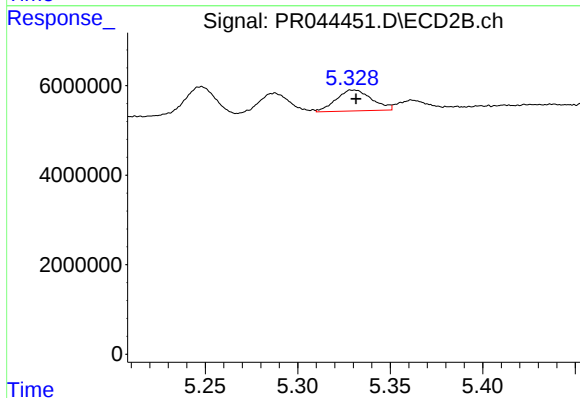
R.T.: 5.248 min
Delta R.T.: -0.001 min
Response: 7077048
Conc: 33.30 ng/ml



#19 AR-1242-4

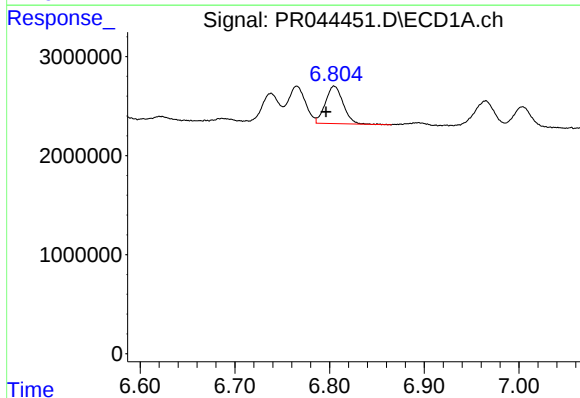
R.T.: 6.069 min
Delta R.T.: 0.008 min
Response: 4623742
Conc: 34.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



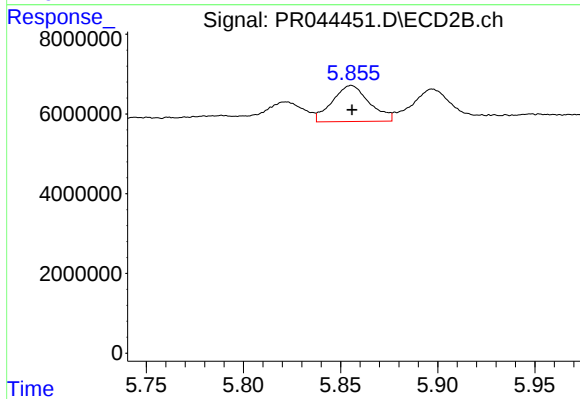
#19 AR-1242-4

R.T.: 5.330 min
Delta R.T.: -0.001 min
Response: 6263758
Conc: 32.50 ng/ml



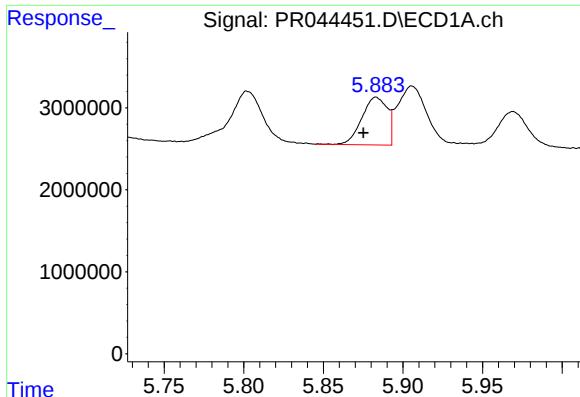
#20 AR-1242-5

R.T.: 6.805 min
Delta R.T.: 0.009 min
Response: 4956315
Conc: 32.48 ng/ml



#20 AR-1242-5

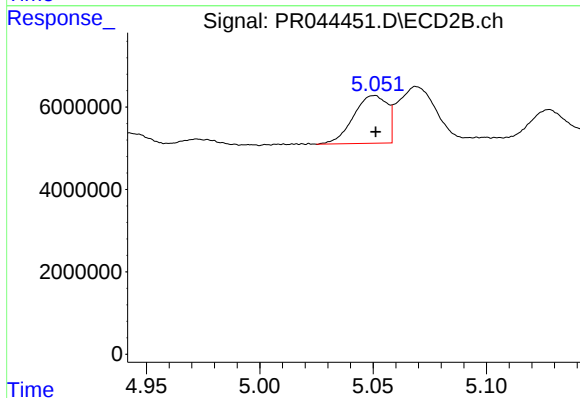
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 12057038
Conc: 39.06 ng/ml



#21 AR-1248-1

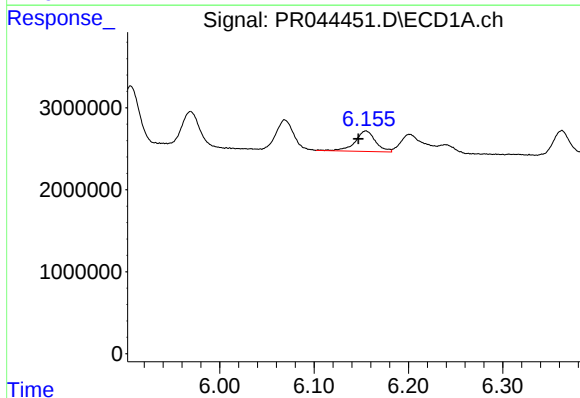
R.T.: 5.883 min
Delta R.T.: 0.008 min
Response: 6473850
Conc: 42.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



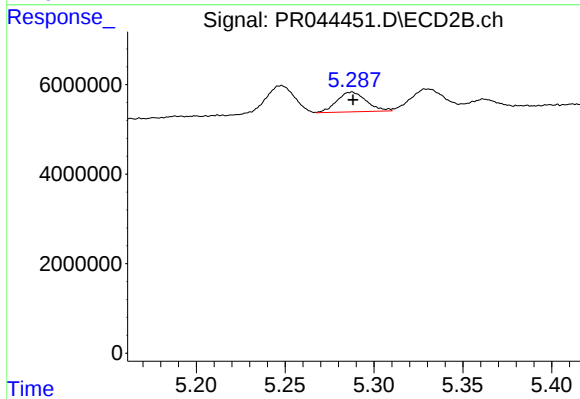
#21 AR-1248-1

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 11971946
Conc: 47.45 ng/ml



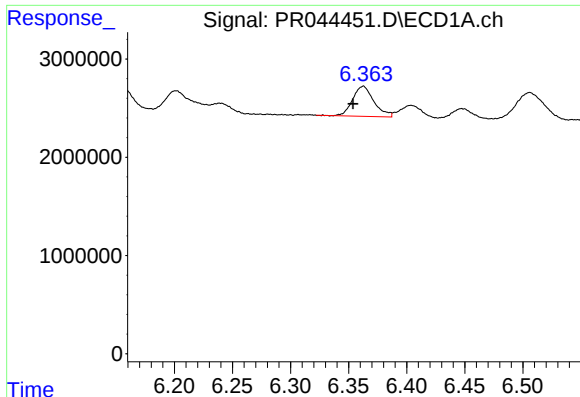
#22 AR-1248-2

R.T.: 6.155 min
Delta R.T.: 0.008 min
Response: 3749037
Conc: 18.39 ng/ml



#22 AR-1248-2

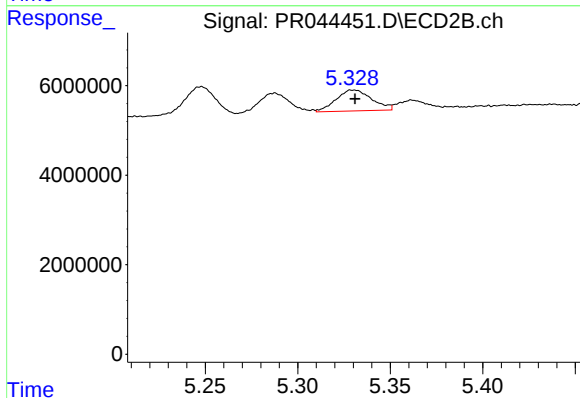
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 5083832
Conc: 18.56 ng/ml



#23 AR-1248-3

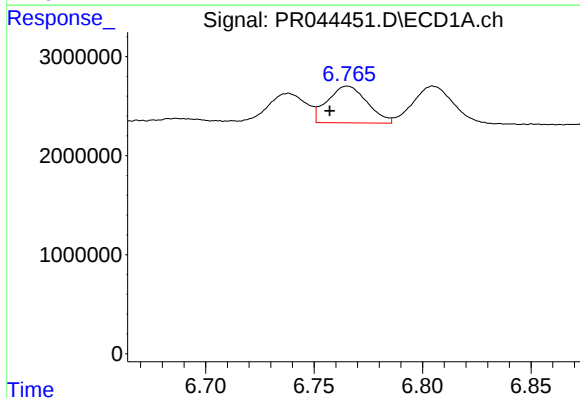
R.T.: 6.362 min
Delta R.T.: 0.009 min
Response: 3883778
Conc: 17.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



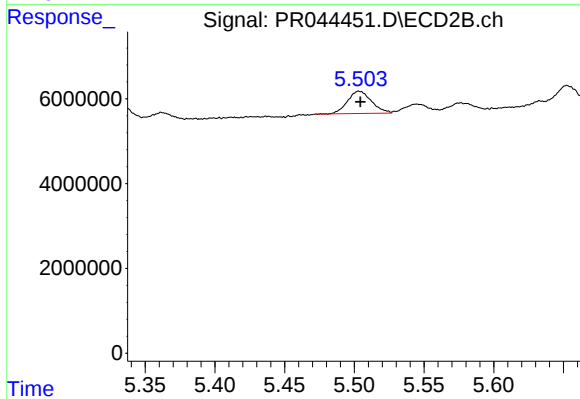
#23 AR-1248-3

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 6263758
Conc: 22.34 ng/ml



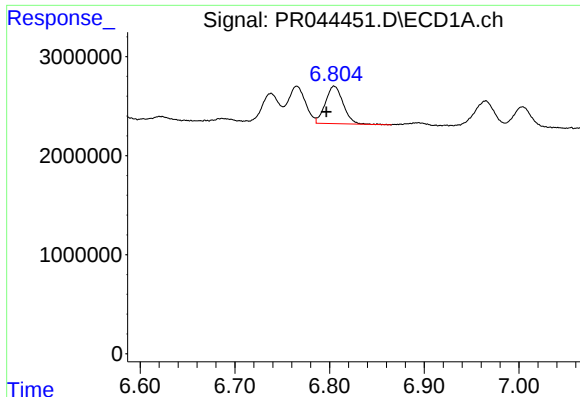
#24 AR-1248-4

R.T.: 6.765 min
Delta R.T.: 0.008 min
Response: 4712656
Conc: 17.41 ng/ml



#24 AR-1248-4

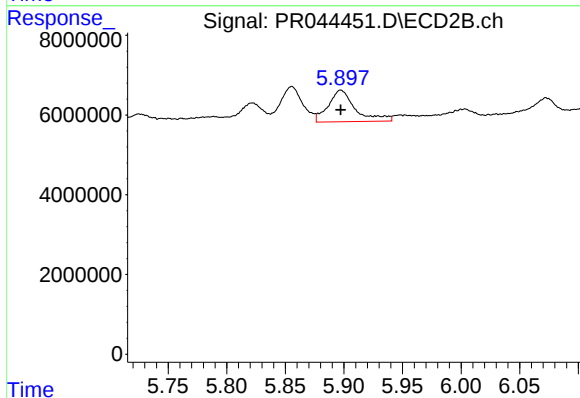
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 6260477
Conc: 17.33 ng/ml



#25 AR-1248-5

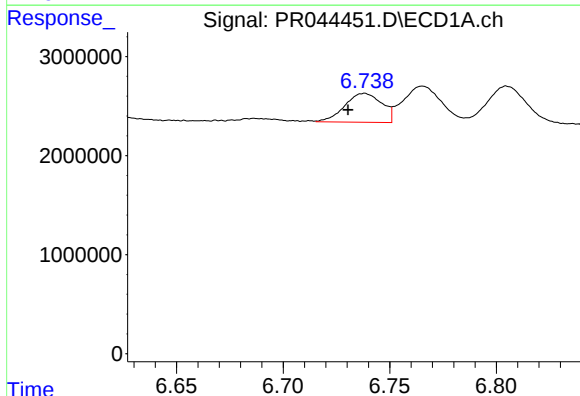
R.T.: 6.805 min
Delta R.T.: 0.008 min
Response: 4956315
Conc: 19.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



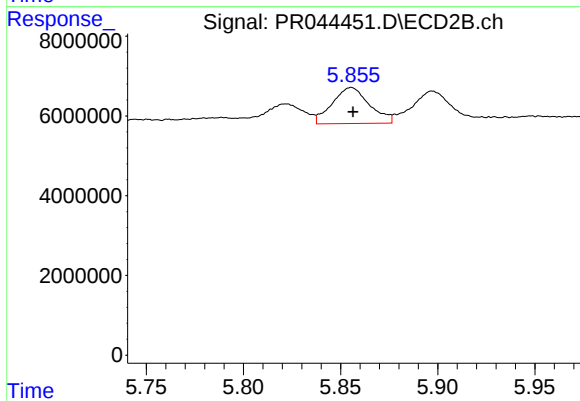
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 12850452
Conc: 30.64 ng/ml



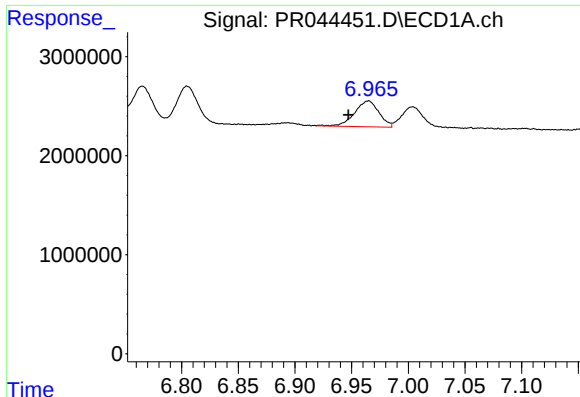
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 3539398
Conc: 13.51 ng/ml



#26 AR-1254-1

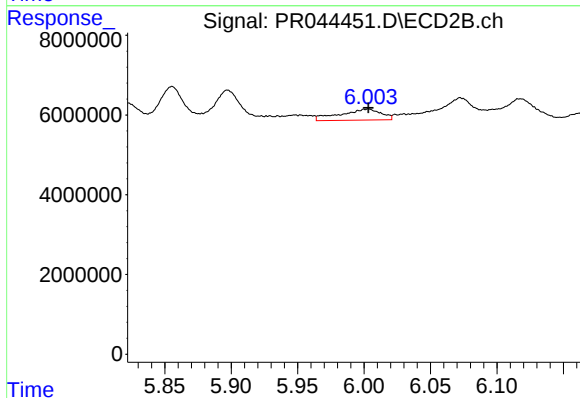
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 12057038
Conc: 19.43 ng/ml



#27 AR-1254-2

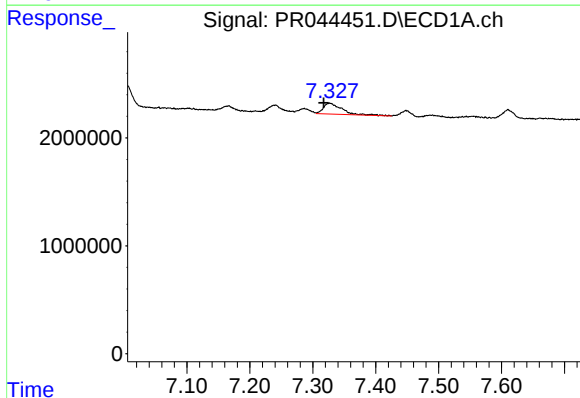
R.T.: 6.965 min
Delta R.T.: 0.017 min
Response: 3920063
Conc: 9.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



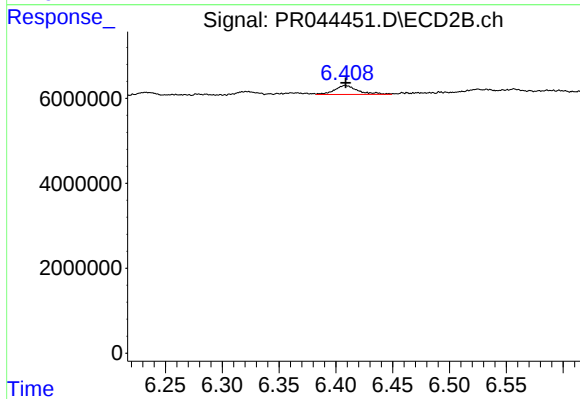
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 5925034
Conc: 10.66 ng/ml



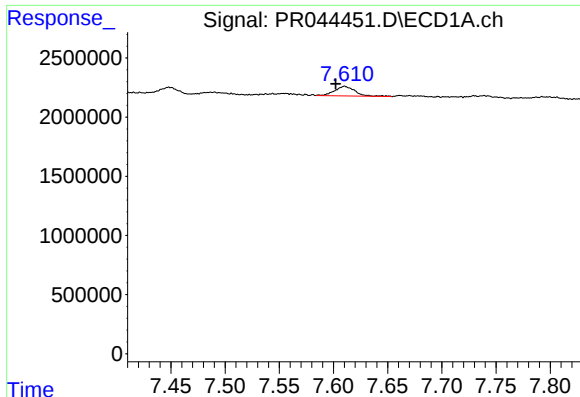
#28 AR-1254-3

R.T.: 7.327 min
Delta R.T.: 0.010 min
Response: 2071482
Conc: 4.71 ng/ml



#28 AR-1254-3

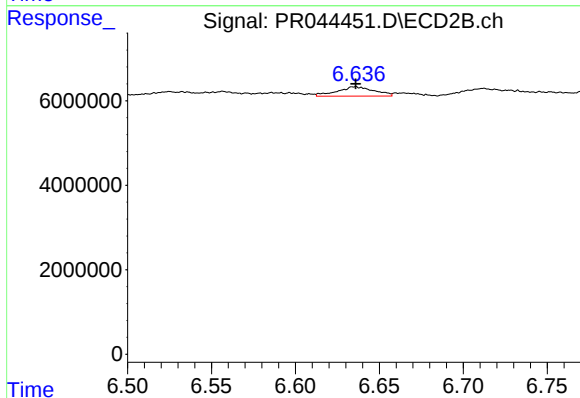
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 3000660
Conc: 3.17 ng/ml



#29 AR-1254-4

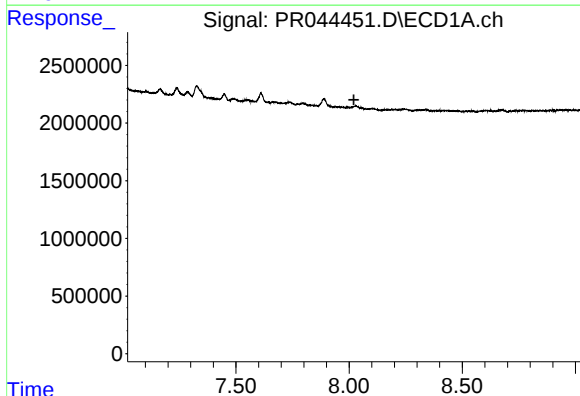
R.T.: 7.610 min
Delta R.T.: 0.008 min
Response: 1052048
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



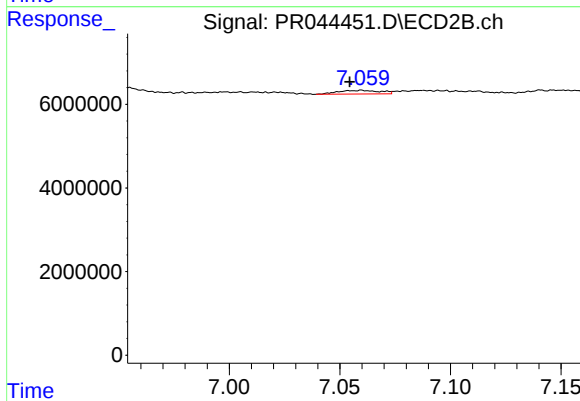
#29 AR-1254-4

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 3416824
Conc: 4.74 ng/ml



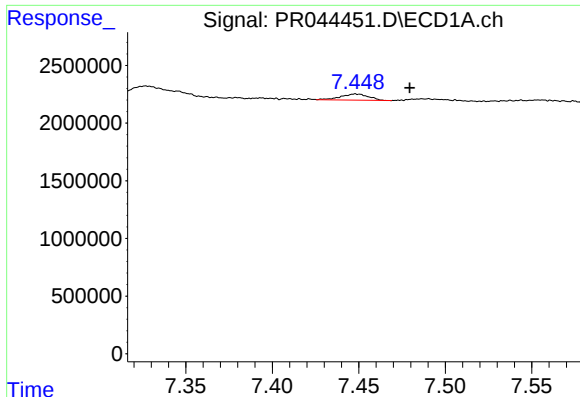
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.021 min
Response: 0
Conc: N.D.



#30 AR-1254-5

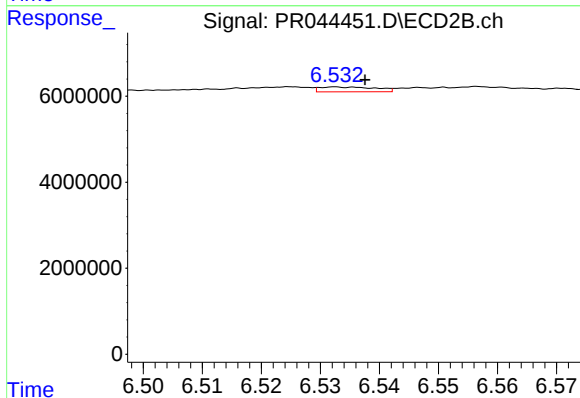
R.T.: 7.060 min
Delta R.T.: 0.005 min
Response: 1173045
Conc: 1.37 ng/ml



#31 AR-1260-1

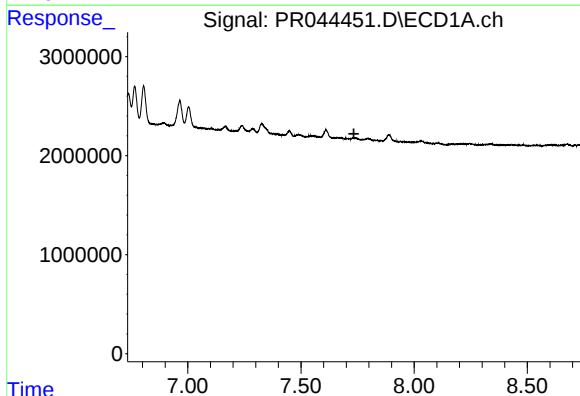
R.T.: 7.448 min
Delta R.T.: -0.031 min
Response: 594163
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



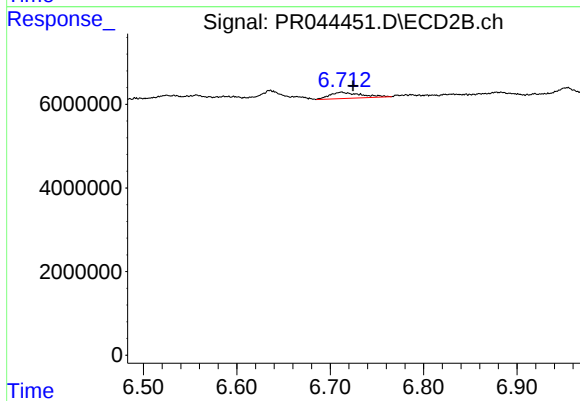
#31 AR-1260-1

R.T.: 6.533 min
Delta R.T.: -0.005 min
Response: 747913
Conc: 1.10 ng/ml



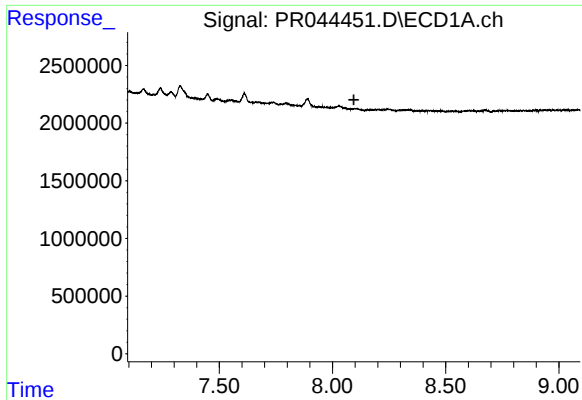
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.734 min
Response: 0
Conc: N.D.



#32 AR-1260-2

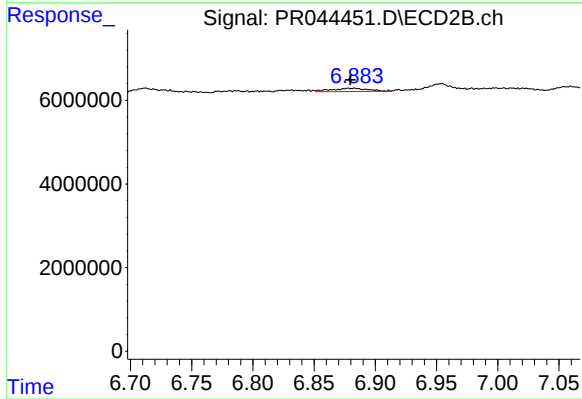
R.T.: 6.712 min
Delta R.T.: -0.012 min
Response: 3417072
Conc: 3.42 ng/ml



#33 AR-1260-3

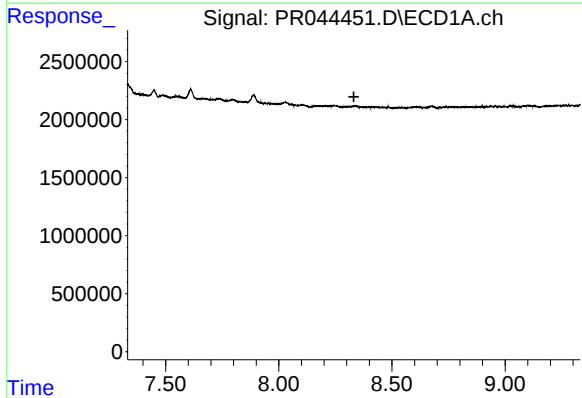
R.T.: 0.000 min
Exp R.T. : 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



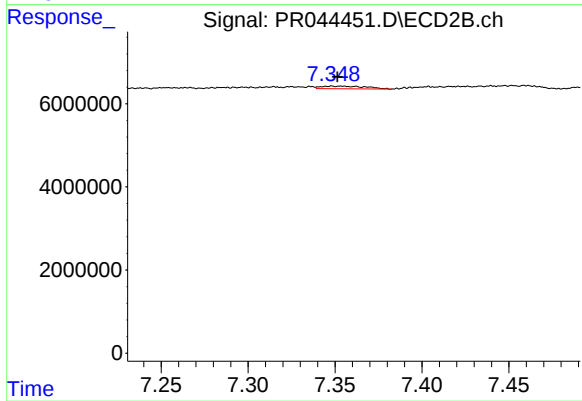
#33 AR-1260-3

R.T.: 6.883 min
Delta R.T.: 0.004 min
Response: 1602775
Conc: 1.98 ng/ml



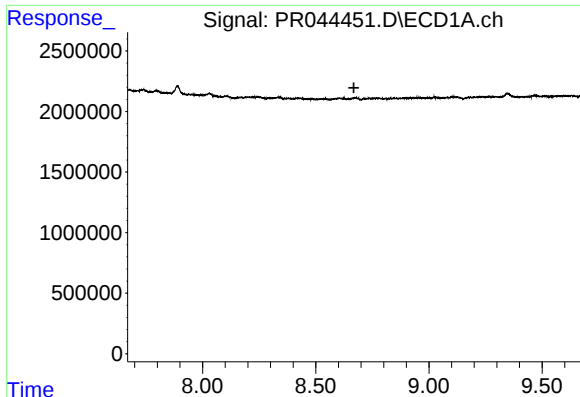
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.332 min
Response: 0
Conc: N.D.



#34 AR-1260-4

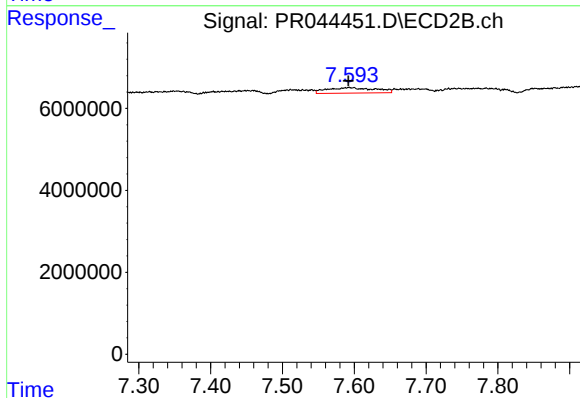
R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 1141481
Conc: 1.58 ng/ml



#35 AR-1260-5

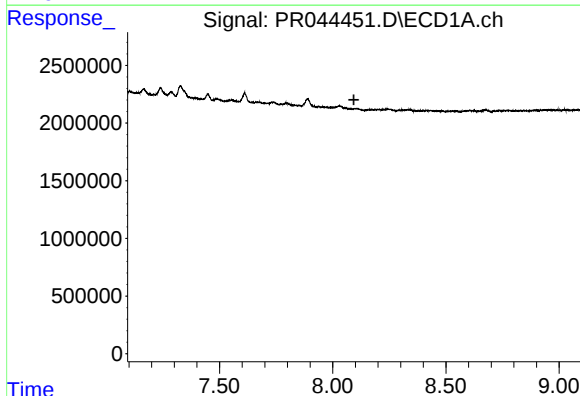
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



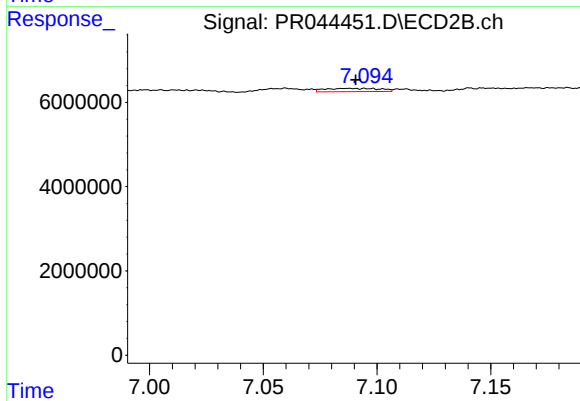
#35 AR-1260-5

R.T.: 7.593 min
Delta R.T.: 0.001 min
Response: 6233127
Conc: 2.88 ng/ml



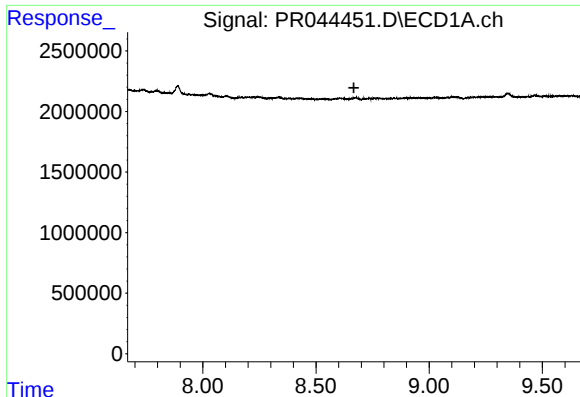
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.



#36 AR-1262-1

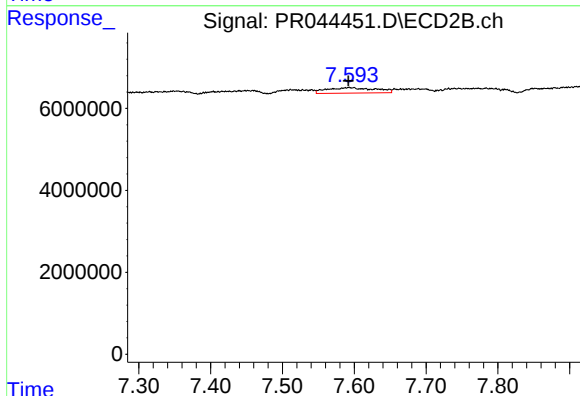
R.T.: 7.095 min
Delta R.T.: 0.004 min
Response: 1304119
Conc: 1.08 ng/ml



#37 AR-1262-2

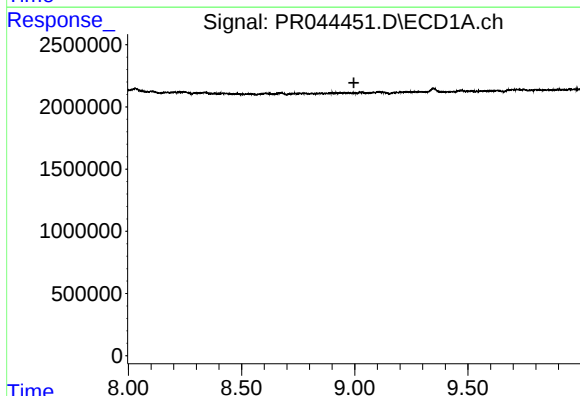
R.T.: 0.000 min
Exp R.T.: 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



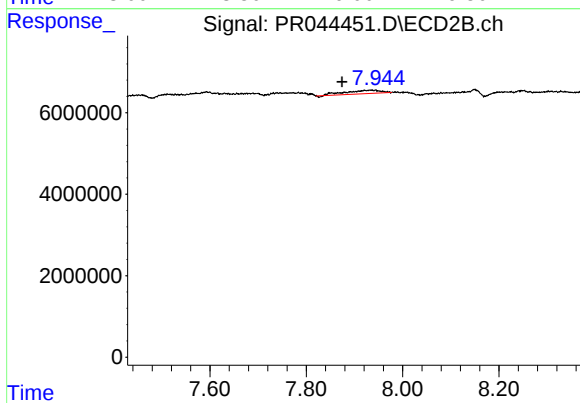
#37 AR-1262-2

R.T.: 7.593 min
Delta R.T.: 0.001 min
Response: 6233127
Conc: 2.80 ng/ml



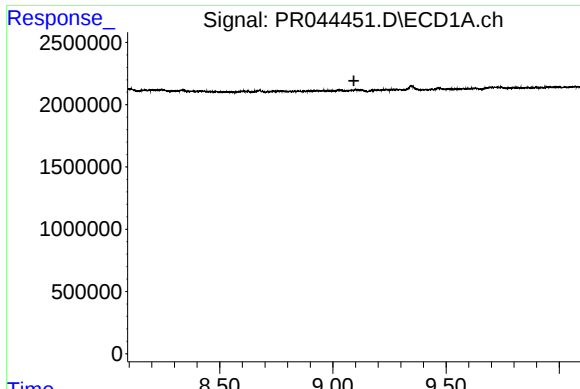
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.996 min
Response: 0
Conc: N.D.



#38 AR-1262-3

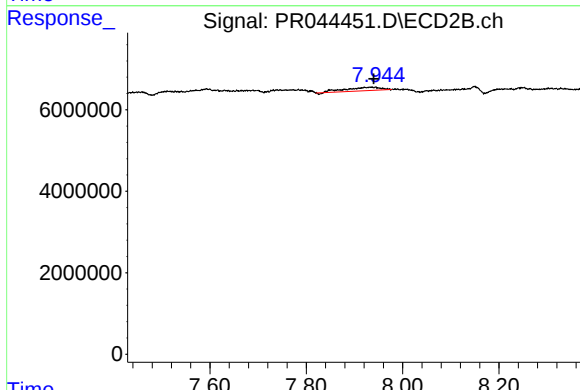
R.T.: 7.934 min
Delta R.T.: 0.060 min
Response: 4314958
Conc: 4.88 ng/ml



#39 AR-1262-4

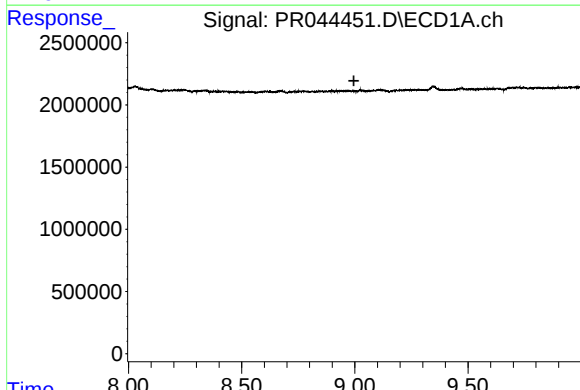
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



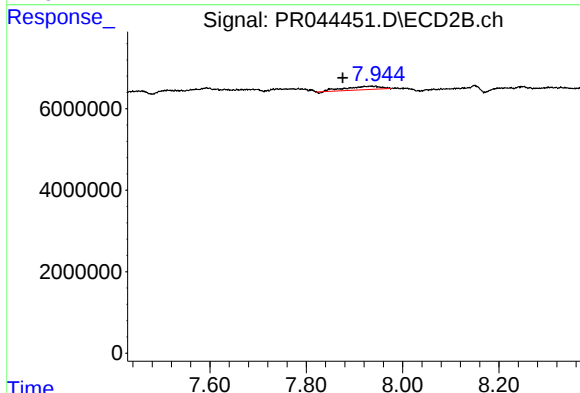
#39 AR-1262-4

R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 4314958
Conc: 2.94 ng/ml



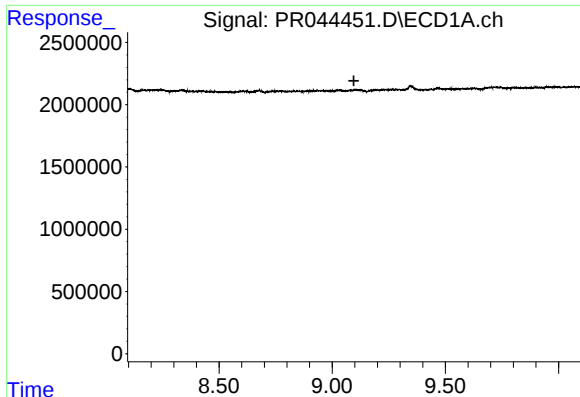
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#41 AR-1268-1

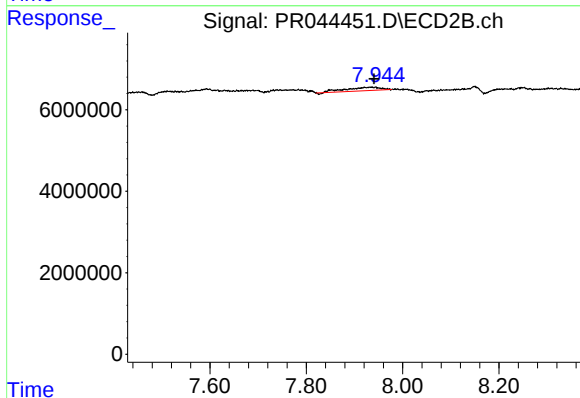
R.T.: 7.934 min
Delta R.T.: 0.058 min
Response: 4314958
Conc: 1.61 ng/ml



#42 AR-1268-2

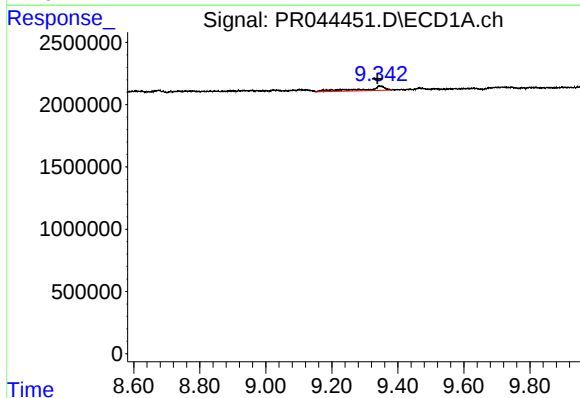
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



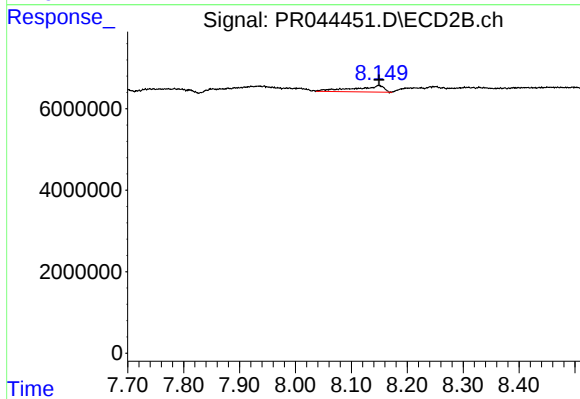
#42 AR-1268-2

R.T.: 7.934 min
Delta R.T.: -0.007 min
Response: 4314958
Conc: 1.89 ng/ml



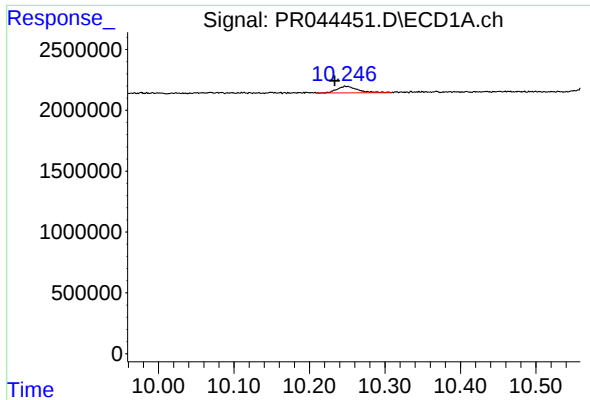
#43 AR-1268-3

R.T.: 9.346 min
Delta R.T.: 0.008 min
Response: 1643479
Conc: 1.99 ng/ml



#43 AR-1268-3

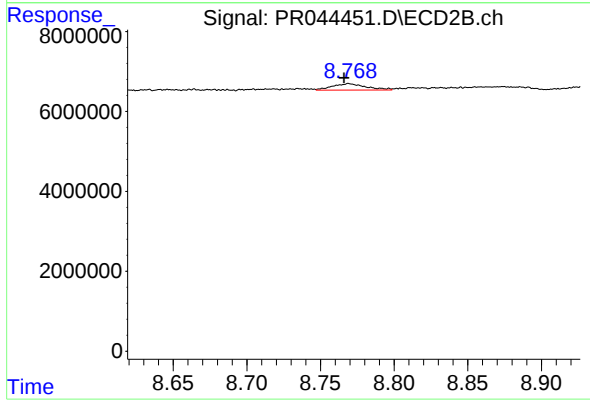
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 5752577
Conc: 2.95 ng/ml



#45 AR-1268-5

R.T.: 10.249 min
Delta R.T.: 0.015 min
Response: 1004728
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.769 min
Delta R.T.: 0.003 min
Response: 2549873
Conc: 0.45 ng/ml