

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072219\
 Data File : PR039597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 22:17
 Operator : SM\AJ
 Sample : K3943-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 PA-71619

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 02:38:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 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...	3.760	4.603	42385137	179.2E6	17.661	17.876
2)	SA Decachlor...	8.696	10.338	27802296	131.2E6	11.190	13.980
Target Compounds							
3)	L1 AR-1016-1	4.765	0.000	1254935	0	14.274	N.D. #
5)	L1 AR-1016-3	5.024	0.000	612136	0	8.813	N.D. #
6)	L1 AR-1016-4	5.062	5.917	431510	7091977	7.666	27.204 #
7)	L1 AR-1016-5	5.299	6.246	506048	466.7E6	6.747	1857.408 #
8)	L2 AR-1221-1	3.971	0.000	500041	0	15.364	N.D. #
9)	L2 AR-1221-2	4.053	0.000	468622	0	19.260	N.D. #
10)	L2 AR-1221-3	4.127	0.000	269684	0	3.443	N.D. #
11)	L3 AR-1232-1	4.127	0.000	269684	0	3.451	N.D. #
12)	L3 AR-1232-2	0.000	5.481	0	49378659	N.D.	328.242 #
13)	L3 AR-1232-3	5.024	0.000	612136	0	14.481	N.D. #
14)	L3 AR-1232-4	5.062	5.917	431510	7091977	10.842	43.954 #
15)	L3 AR-1232-5	5.299	0.000	506048	0	11.958	N.D. #
16)	L4 AR-1242-1	4.765	0.000	1254935	0	13.746	N.D. #
18)	L4 AR-1242-3	5.024	0.000	612136	0	8.661	N.D. #
19)	L4 AR-1242-4	5.129	5.917	123.7E6	7091977	1768.725	27.086 #
20)	L4 AR-1242-5	5.620	6.621	3904205	10431648	39.305	35.965
21)	L5 AR-1248-1	4.765	0.000	1254935	0	17.342	N.D. #
22)	L5 AR-1248-2	5.062	0.000	431510	0	5.516	N.D. #
23)	L5 AR-1248-3	5.129	6.246	123.7E6	466.7E6	1158.590	1070.636
24)	L5 AR-1248-4	5.299	6.621	506048	10431648	3.822	20.083 #
25)	L5 AR-1248-5	5.660	6.621	2172184	10431648	14.987	21.163 #
26)	L6 AR-1254-1	5.620	6.621	3904205	10431648	25.314	28.639
27)	L6 AR-1254-2	5.782	6.817	10014935	42937980	76.489	75.174
28)	L6 AR-1254-3	6.173	7.191	7411511	29573256	33.172	47.431 #
29)	L6 AR-1254-4	6.337	0.000	457933	0	3.149	N.D. #
30)	L6 AR-1254-5	6.792	7.811	4834673	14398026	25.390	30.324
31)	L7 AR-1260-1	6.279	0.000	2199982	0	15.096	N.D. #
32)	L7 AR-1260-2	6.471	7.589	1805005	51676021	9.804	94.272 #
33)	L7 AR-1260-3	6.614	8.001	4279941	3827420	25.834	9.129 #
34)	L7 AR-1260-4	7.083	0.000	1764463	0	12.693	N.D. #
35)	L7 AR-1260-5	7.322	8.554	2351334	55186057	6.816	53.805 #
36)	L8 AR-1262-1	6.889	8.001	1588748	3827420	10.820	3.687 #
37)	L8 AR-1262-2	7.322	8.554	2351334	55186057	3.479	27.395 #
38)	L8 AR-1262-3	7.598	0.000	705176	0	2.969	N.D. #
39)	L8 AR-1262-4	7.662	0.000	4006320	0	8.651	N.D. #
40)	L8 AR-1262-5	8.154	0.000	563896	0	2.900	N.D. #
41)	L9 AR-1268-1	7.598	0.000	705176	0	0.920	N.D. #
42)	L9 AR-1268-2	7.662	0.000	4006320	0	5.706	N.D. #
43)	L9 AR-1268-3	7.856	0.000	1005840	0	1.810	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	8.154	0.000	563896	0	2.448	N.D. #
45) L9	AR-1268-5	8.444	0.000	495349	0	0.291	N.D. #

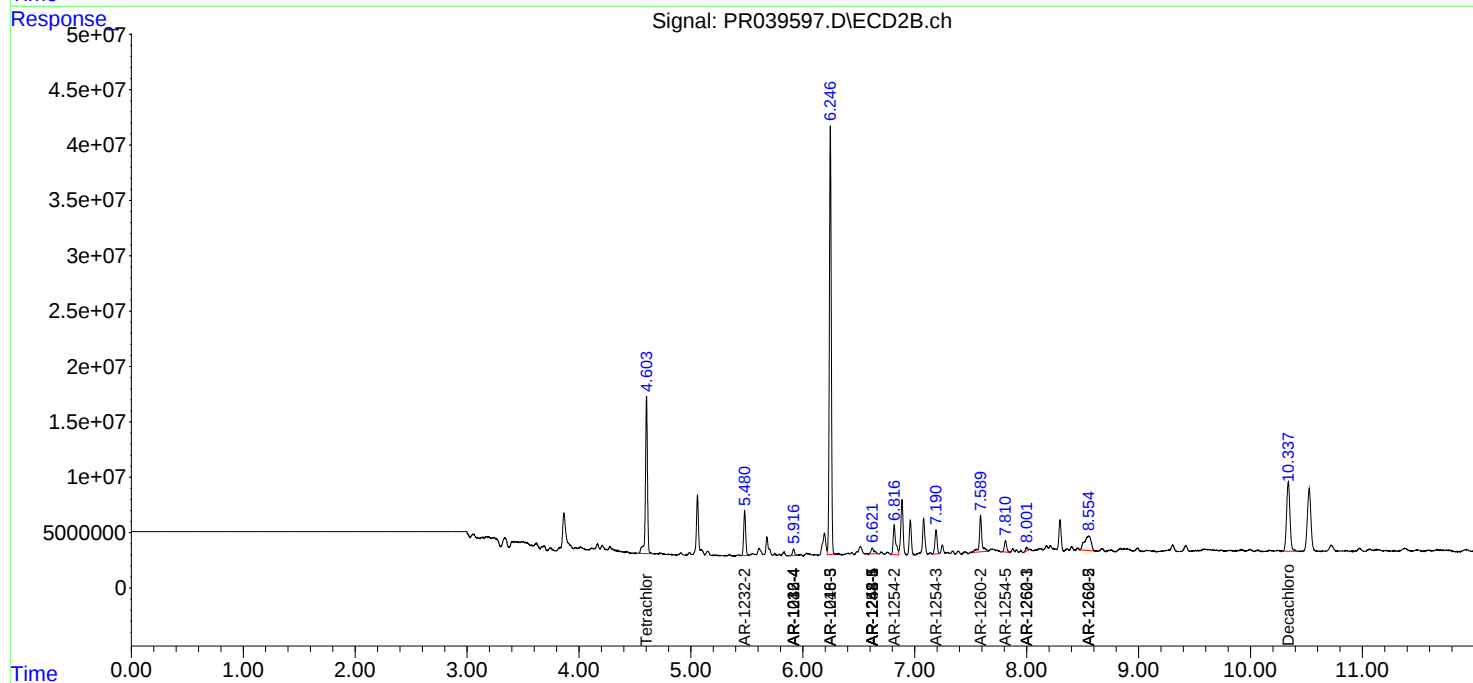
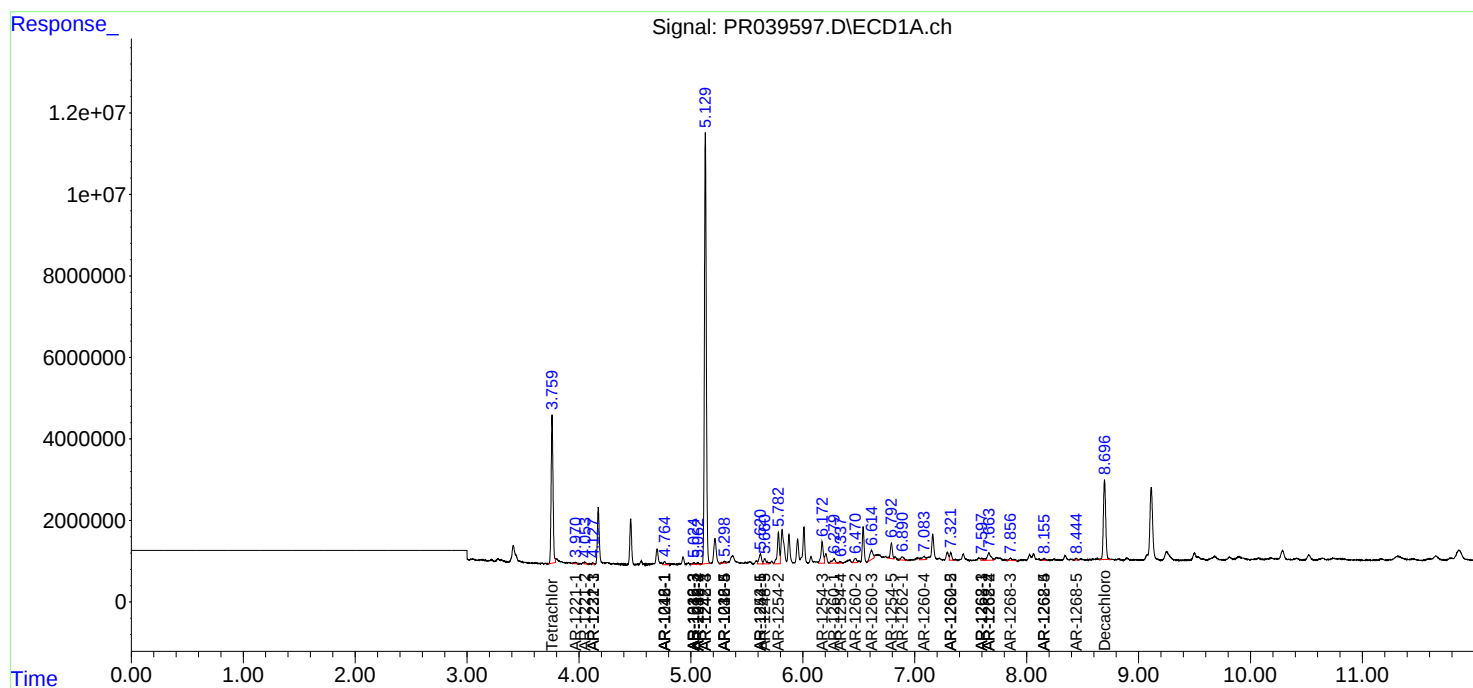
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

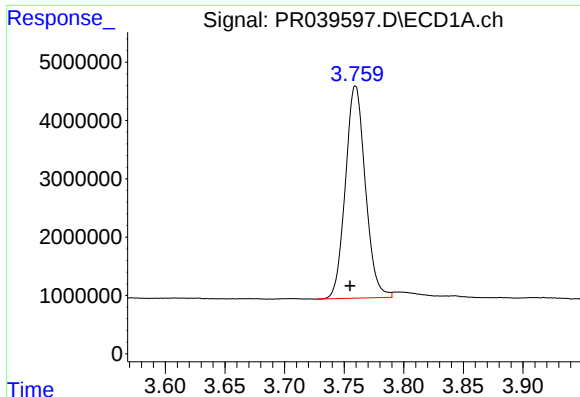
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072219\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

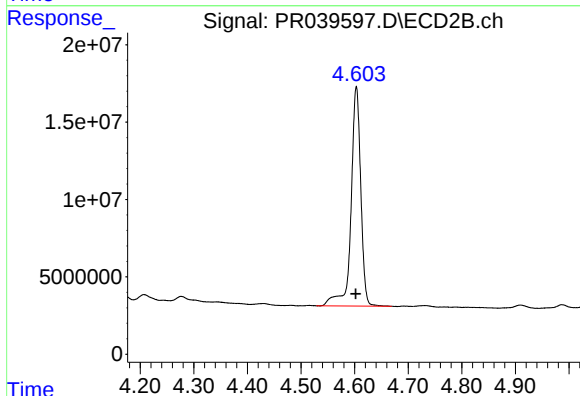




#1 Tetrachloro-m-xylene

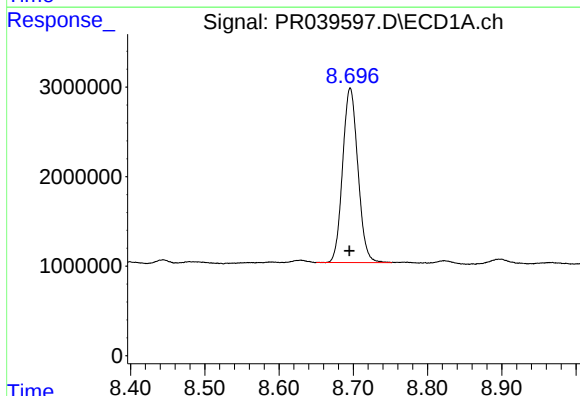
R.T.: 3.760 min
Delta R.T.: 0.005 min
Response: 42385137
Conc: 17.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



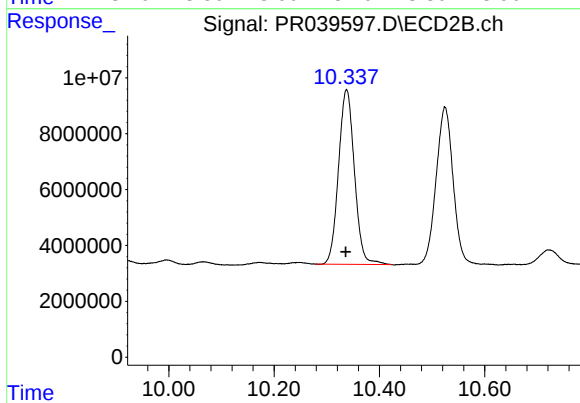
#1 Tetrachloro-m-xylene

R.T.: 4.603 min
Delta R.T.: 0.001 min
Response: 179189751
Conc: 17.88 ng/ml



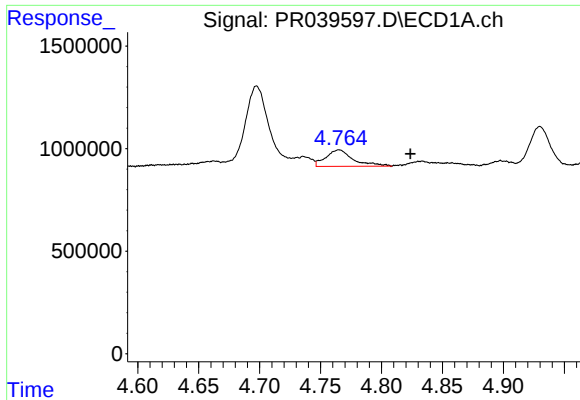
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: 0.001 min
Response: 27802296
Conc: 11.19 ng/ml



#2 Decachlorobiphenyl

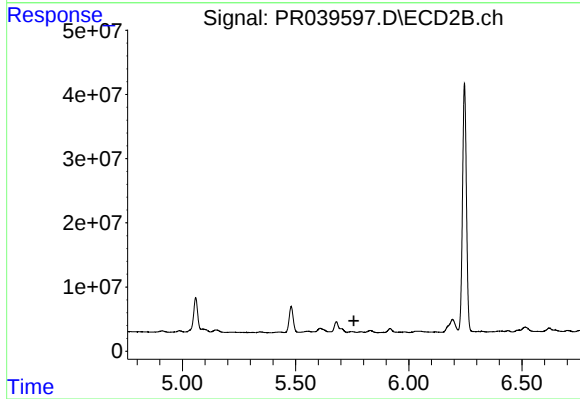
R.T.: 10.338 min
Delta R.T.: 0.002 min
Response: 131243954
Conc: 13.98 ng/ml



#3 AR-1016-1

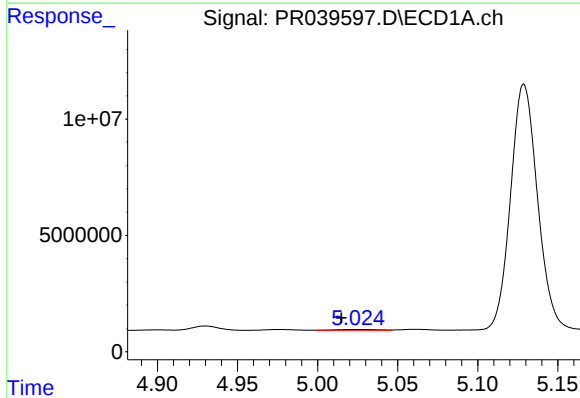
R.T.: 4.765 min
Delta R.T.: -0.059 min
Response: 1254935
Conc: 14.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



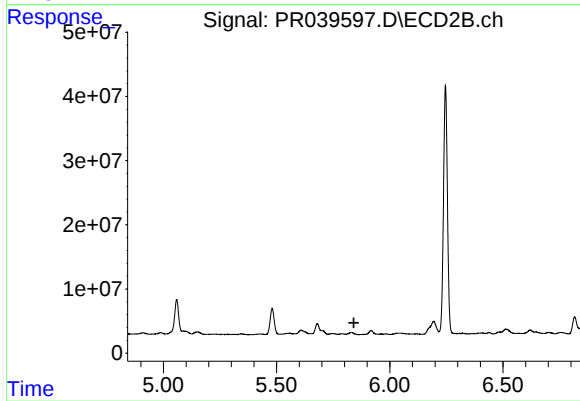
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



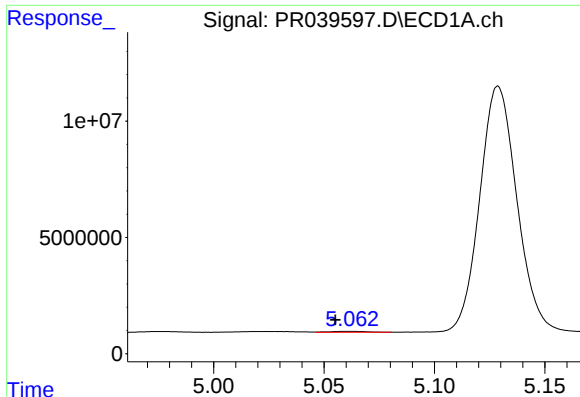
#5 AR-1016-3

R.T.: 5.024 min
Delta R.T.: 0.009 min
Response: 612136
Conc: 8.81 ng/ml



#5 AR-1016-3

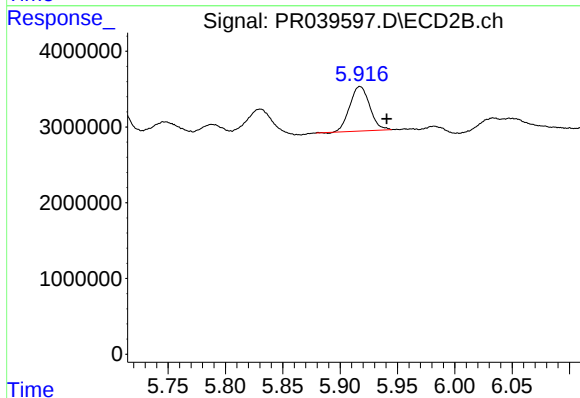
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#6 AR-1016-4

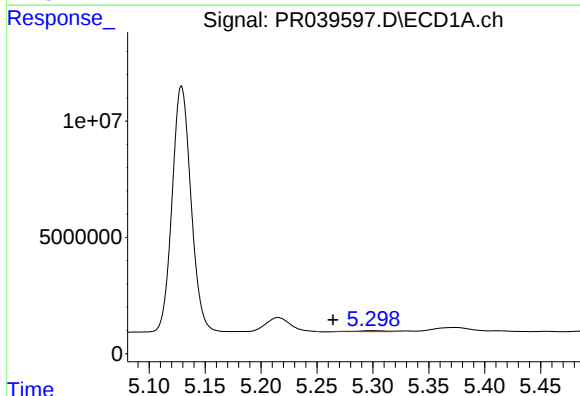
R.T.: 5.062 min
Delta R.T.: 0.007 min
Response: 431510
Conc: 7.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



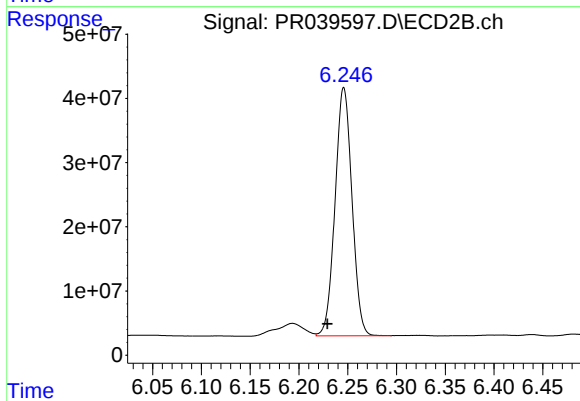
#6 AR-1016-4

R.T.: 5.917 min
Delta R.T.: -0.023 min
Response: 7091977
Conc: 27.20 ng/ml



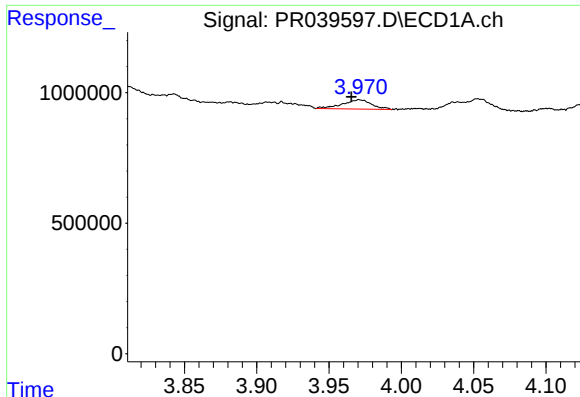
#7 AR-1016-5

R.T.: 5.299 min
Delta R.T.: 0.034 min
Response: 506048
Conc: 6.75 ng/ml



#7 AR-1016-5

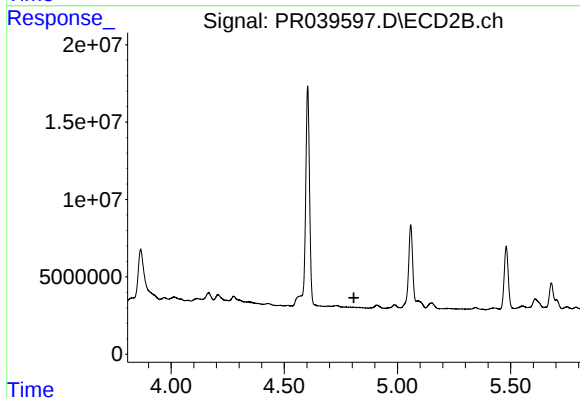
R.T.: 6.246 min
Delta R.T.: 0.017 min
Response: 466653532
Conc: 1857.41 ng/ml



#8 AR-1221-1

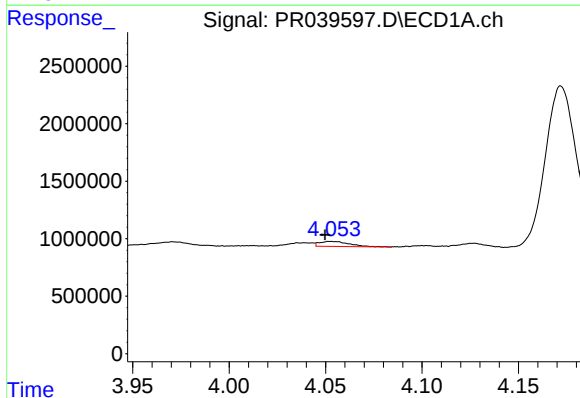
R.T.: 3.971 min
Delta R.T.: 0.005 min
Response: 500041
Conc: 15.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



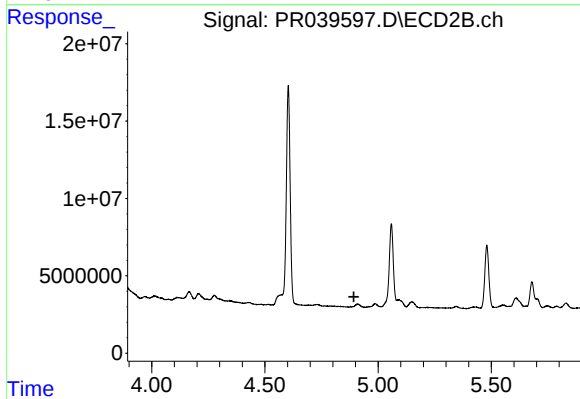
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



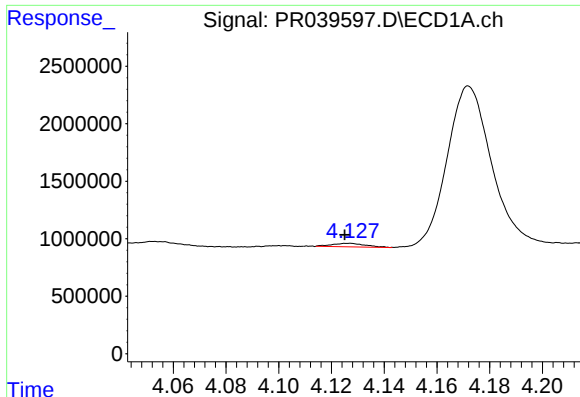
#9 AR-1221-2

R.T.: 4.053 min
Delta R.T.: 0.003 min
Response: 468622
Conc: 19.26 ng/ml



#9 AR-1221-2

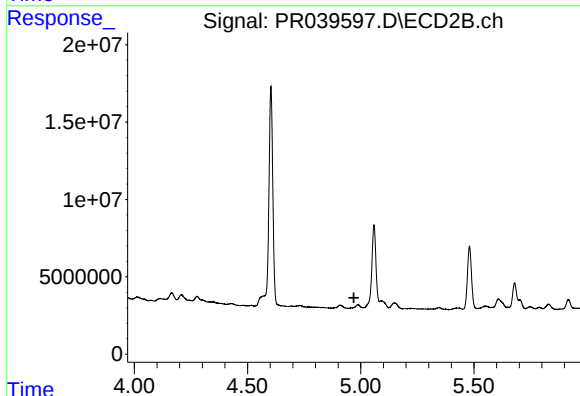
R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



#10 AR-1221-3

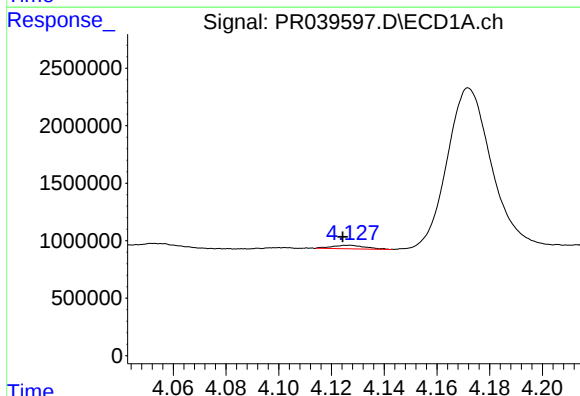
R.T.: 4.127 min
Delta R.T.: 0.002 min
Response: 269684
Conc: 3.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



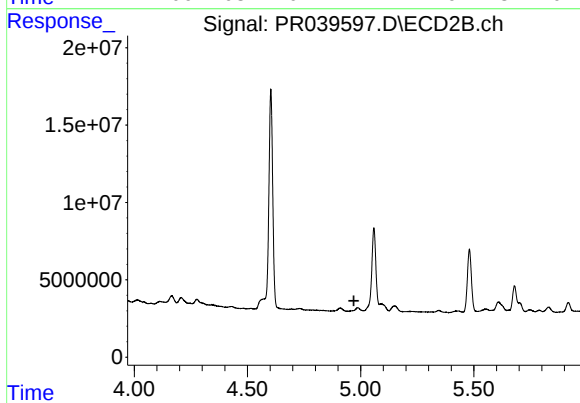
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



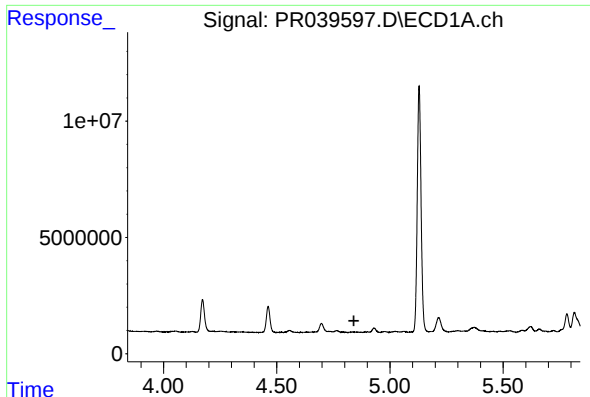
#11 AR-1232-1

R.T.: 4.127 min
Delta R.T.: 0.003 min
Response: 269684
Conc: 3.45 ng/ml



#11 AR-1232-1

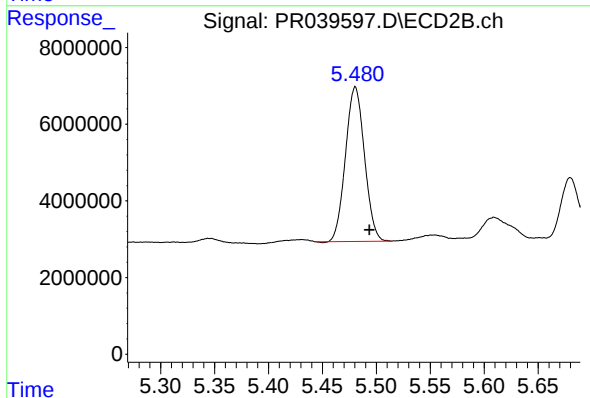
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#12 AR-1232-2

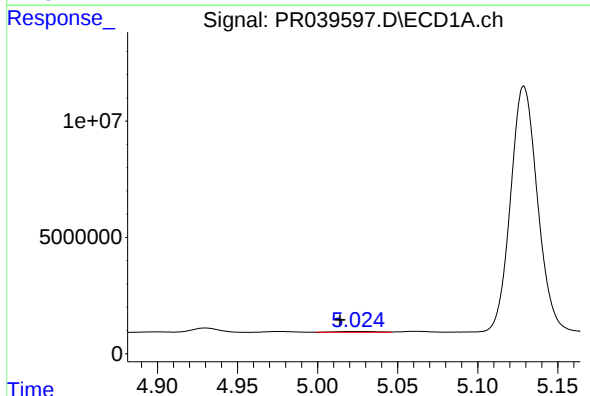
R.T.: 0.000 min
Exp R.T.: 4.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
PA-71619



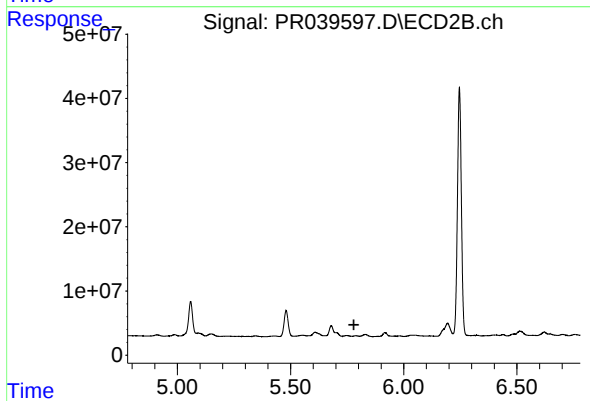
#12 AR-1232-2

R.T.: 5.481 min
Delta R.T.: -0.013 min
Response: 49378659
Conc: 328.24 ng/ml



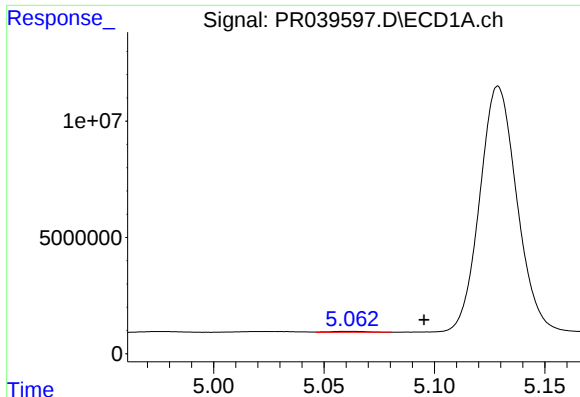
#13 AR-1232-3

R.T.: 5.024 min
Delta R.T.: 0.010 min
Response: 612136
Conc: 14.48 ng/ml



#13 AR-1232-3

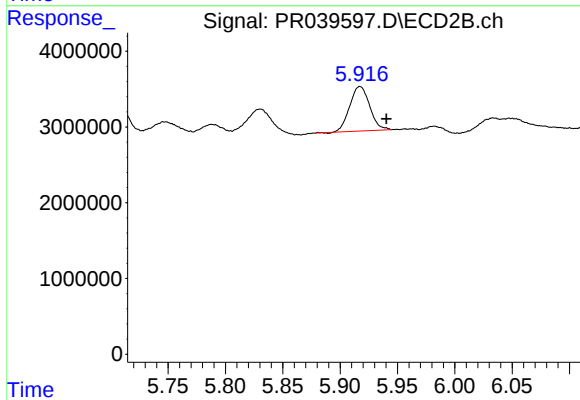
R.T.: 0.000 min
Exp R.T.: 5.780 min
Response: 0
Conc: N.D.



#14 AR-1232-4

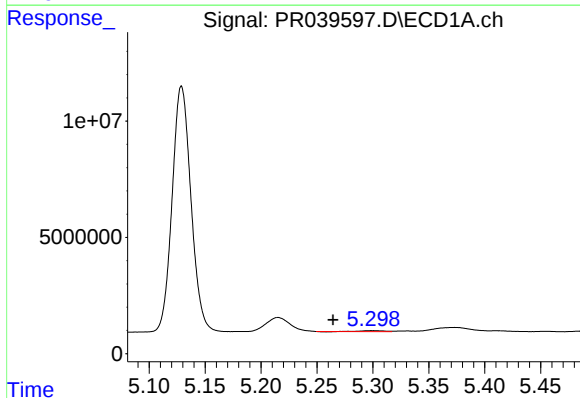
R.T.: 5.062 min
Delta R.T.: -0.033 min
Response: 431510
Conc: 10.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
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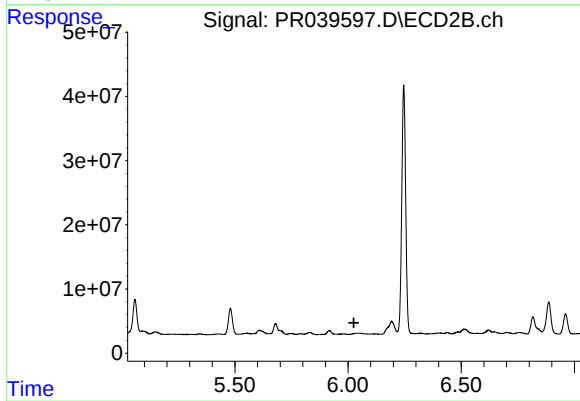
#14 AR-1232-4

R.T.: 5.917 min
Delta R.T.: -0.023 min
Response: 7091977
Conc: 43.95 ng/ml



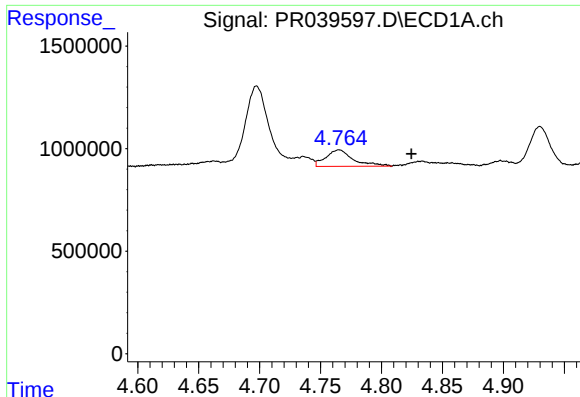
#15 AR-1232-5

R.T.: 5.299 min
Delta R.T.: 0.034 min
Response: 506048
Conc: 11.96 ng/ml



#15 AR-1232-5

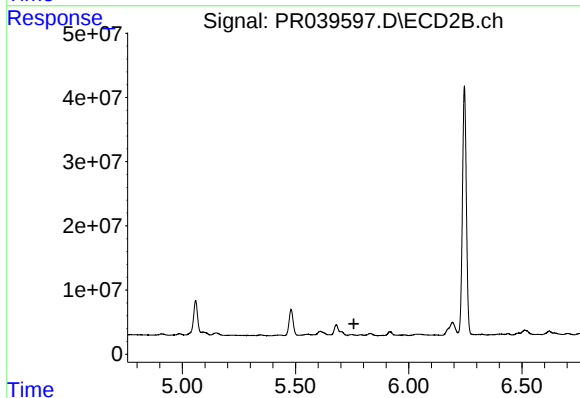
R.T.: 0.000 min
Exp R.T.: 6.026 min
Response: 0
Conc: N.D.



#16 AR-1242-1

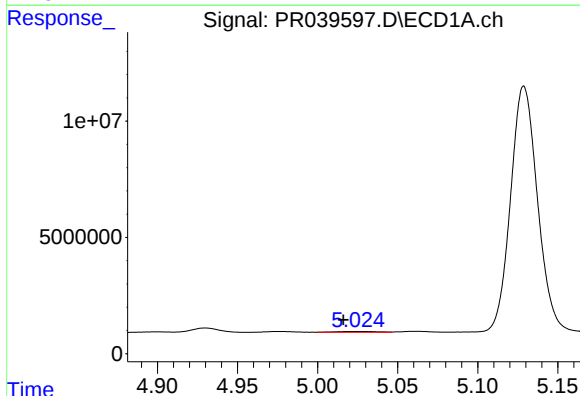
R.T.: 4.765 min
Delta R.T.: -0.059 min
Response: 1254935
Conc: 13.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
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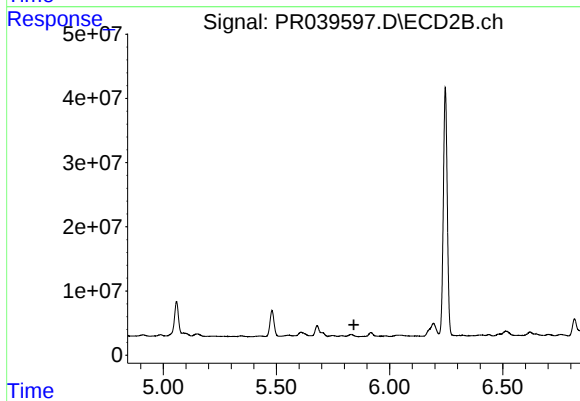
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



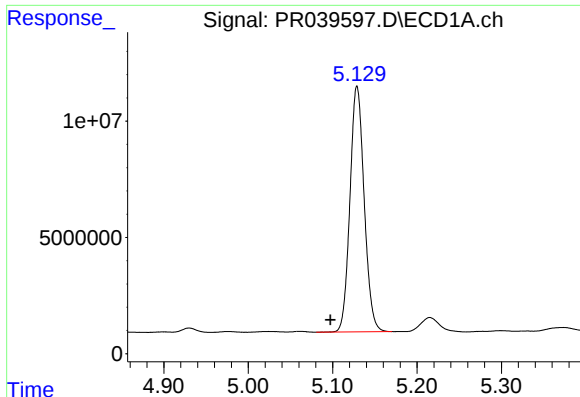
#18 AR-1242-3

R.T.: 5.024 min
Delta R.T.: 0.008 min
Response: 612136
Conc: 8.66 ng/ml



#18 AR-1242-3

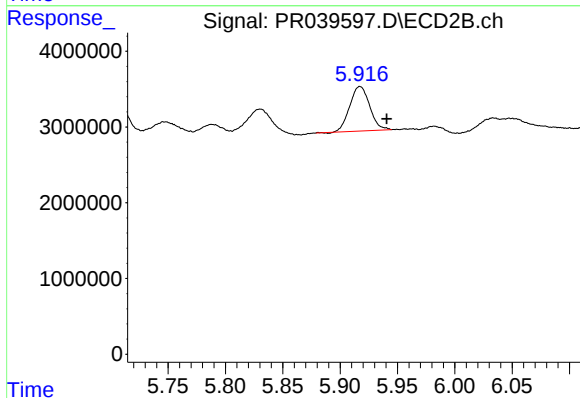
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

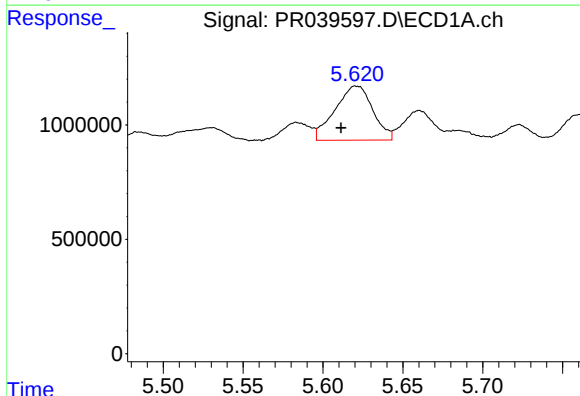
R.T.: 5.129 min
Delta R.T.: 0.031 min
Response: 123719830
Conc: 1768.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



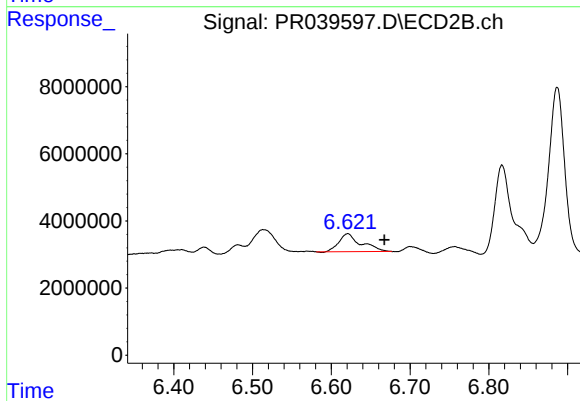
#19 AR-1242-4

R.T.: 5.917 min
Delta R.T.: -0.023 min
Response: 7091977
Conc: 27.09 ng/ml



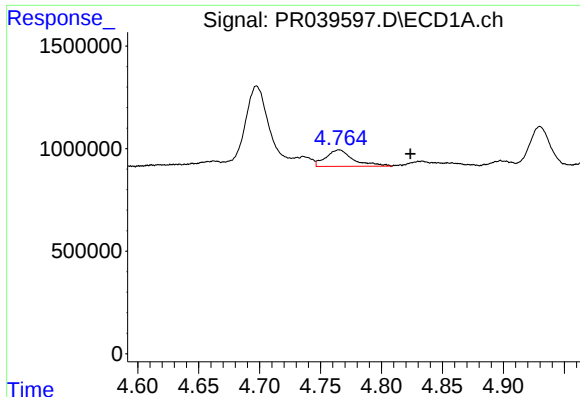
#20 AR-1242-5

R.T.: 5.620 min
Delta R.T.: 0.009 min
Response: 3904205
Conc: 39.31 ng/ml



#20 AR-1242-5

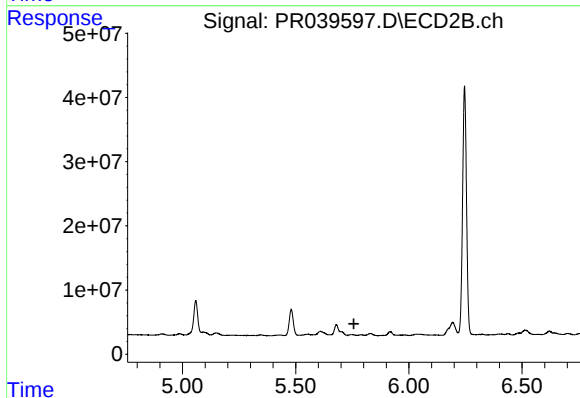
R.T.: 6.621 min
Delta R.T.: -0.046 min
Response: 10431648
Conc: 35.97 ng/ml



#21 AR-1248-1

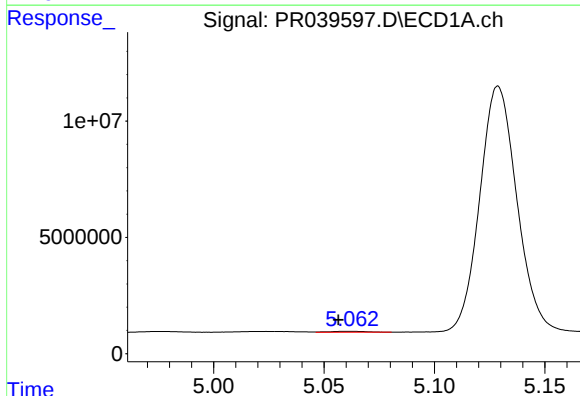
R.T.: 4.765 min
Delta R.T.: -0.059 min
Response: 1254935
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



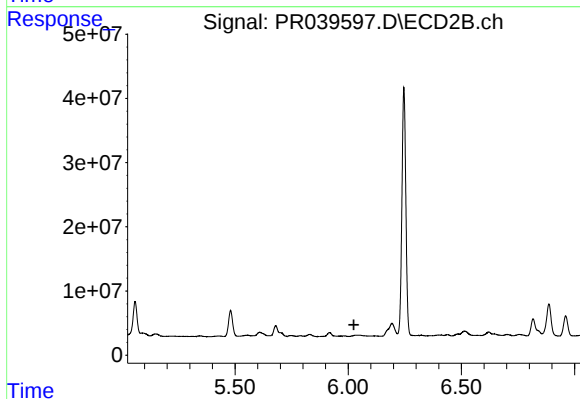
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



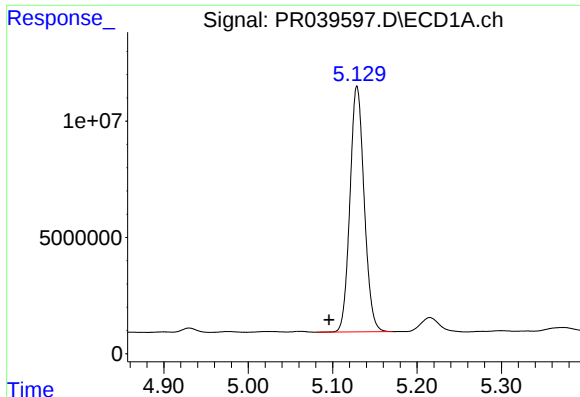
#22 AR-1248-2

R.T.: 5.062 min
Delta R.T.: 0.005 min
Response: 431510
Conc: 5.52 ng/ml



#22 AR-1248-2

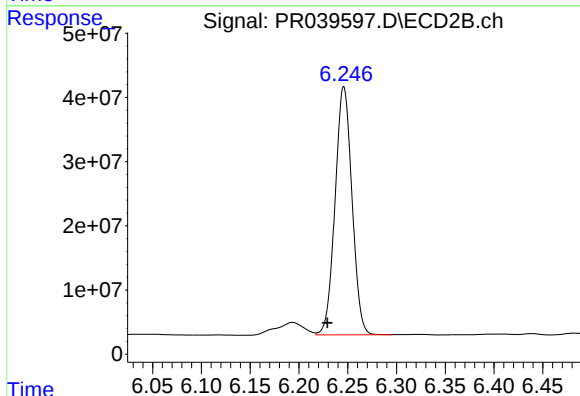
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

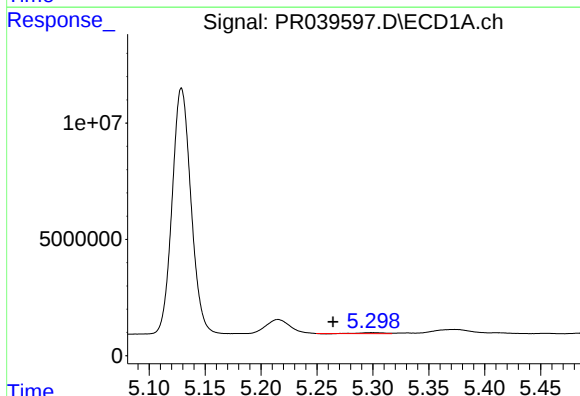
R.T.: 5.129 min
Delta R.T.: 0.033 min
Response: 123719830
Conc: 1158.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



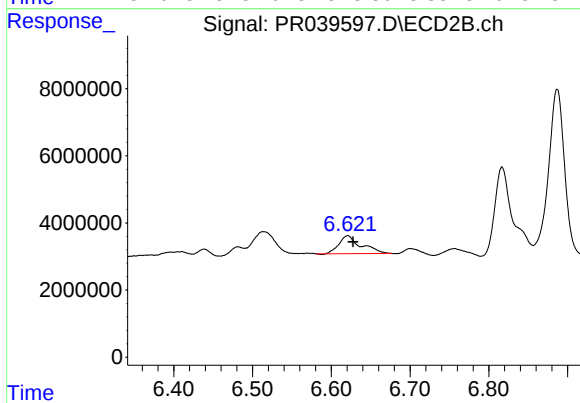
#23 AR-1248-3

R.T.: 6.246 min
Delta R.T.: 0.017 min
Response: 466653532
Conc: 1070.64 ng/ml



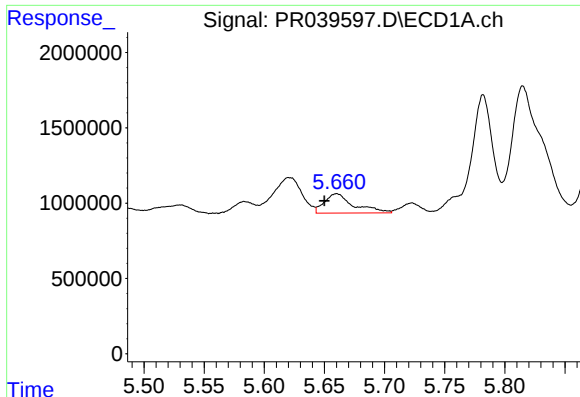
#24 AR-1248-4

R.T.: 5.299 min
Delta R.T.: 0.034 min
Response: 506048
Conc: 3.82 ng/ml



#24 AR-1248-4

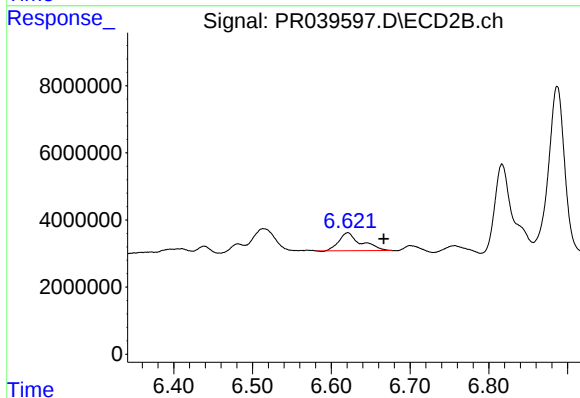
R.T.: 6.621 min
Delta R.T.: -0.007 min
Response: 10431648
Conc: 20.08 ng/ml



#25 AR-1248-5

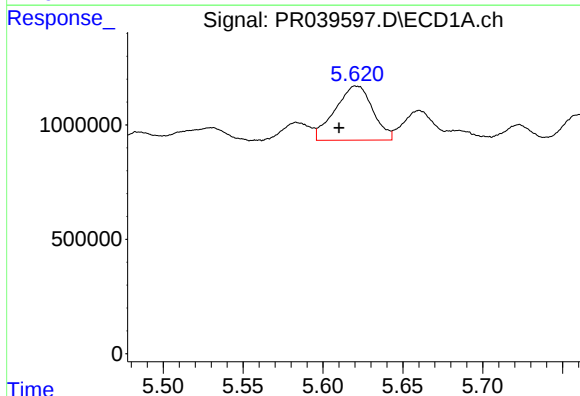
R.T.: 5.660 min
Delta R.T.: 0.010 min
Response: 2172184
Conc: 14.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



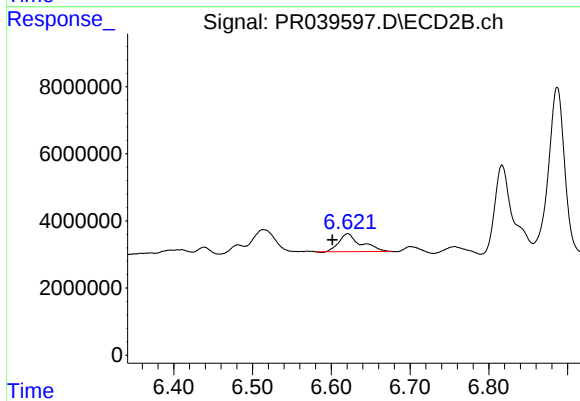
#25 AR-1248-5

R.T.: 6.621 min
Delta R.T.: -0.045 min
Response: 10431648
Conc: 21.16 ng/ml



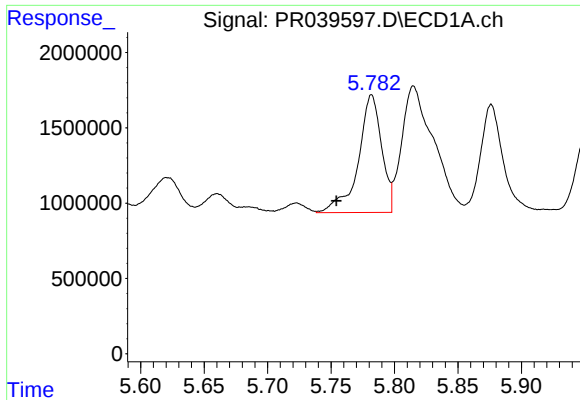
#26 AR-1254-1

R.T.: 5.620 min
Delta R.T.: 0.010 min
Response: 3904205
Conc: 25.31 ng/ml



#26 AR-1254-1

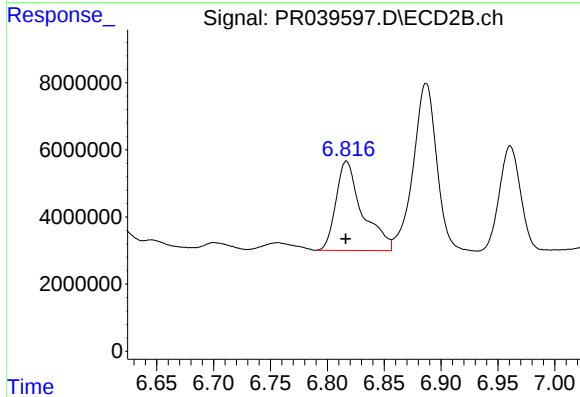
R.T.: 6.621 min
Delta R.T.: 0.020 min
Response: 10431648
Conc: 28.64 ng/ml



#27 AR-1254-2

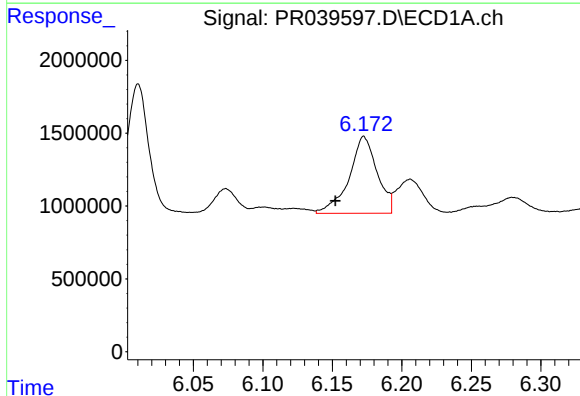
R.T.: 5.782 min
Delta R.T.: 0.028 min
Response: 10014935
Conc: 76.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



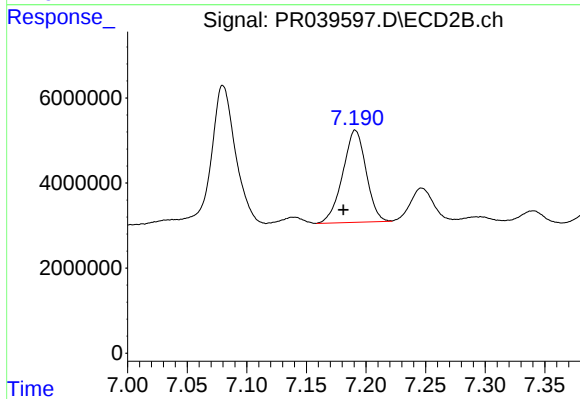
#27 AR-1254-2

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 42937980
Conc: 75.17 ng/ml



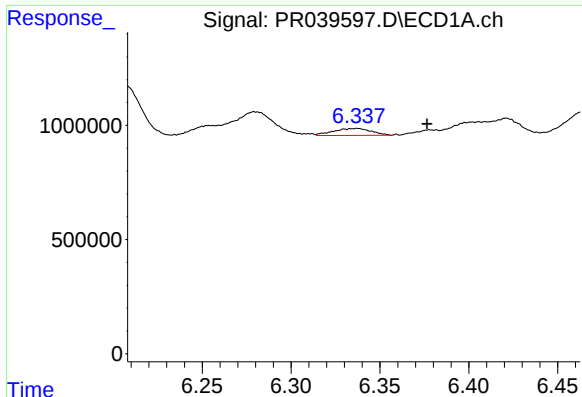
#28 AR-1254-3

R.T.: 6.173 min
Delta R.T.: 0.020 min
Response: 7411511
Conc: 33.17 ng/ml



#28 AR-1254-3

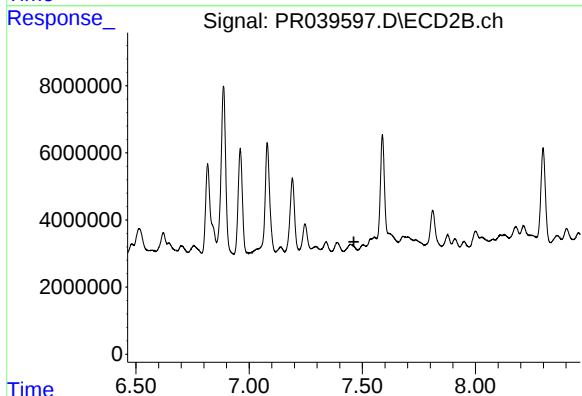
R.T.: 7.191 min
Delta R.T.: 0.010 min
Response: 29573256
Conc: 47.43 ng/ml



#29 AR-1254-4

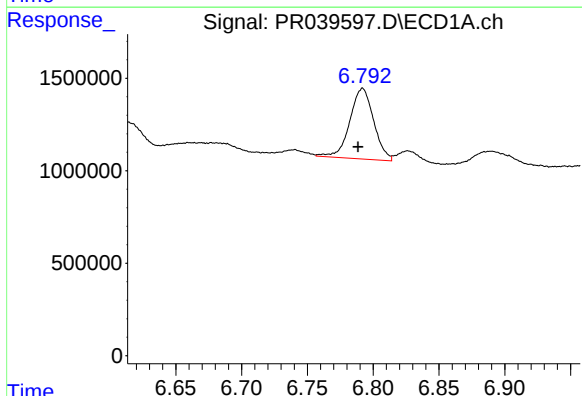
R.T.: 6.337 min
Delta R.T.: -0.039 min
Response: 457933
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



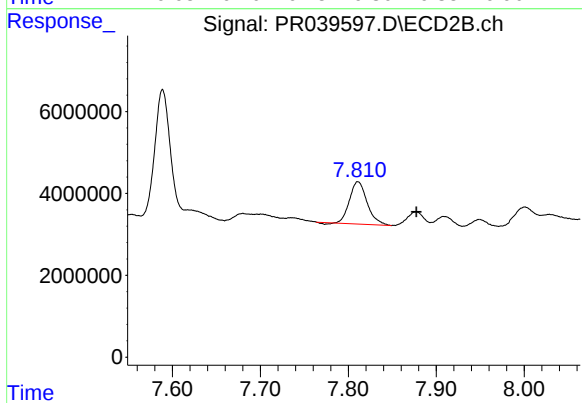
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



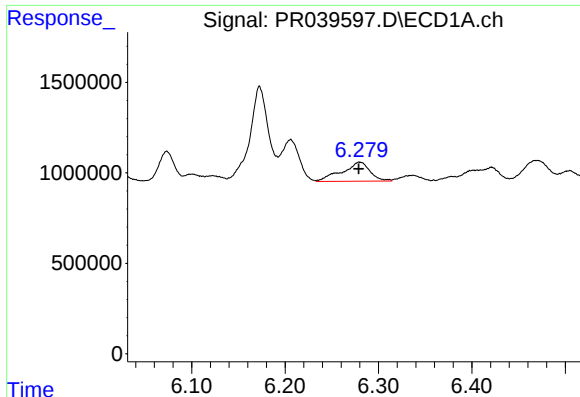
#30 AR-1254-5

R.T.: 6.792 min
Delta R.T.: 0.004 min
Response: 4834673
Conc: 25.39 ng/ml



#30 AR-1254-5

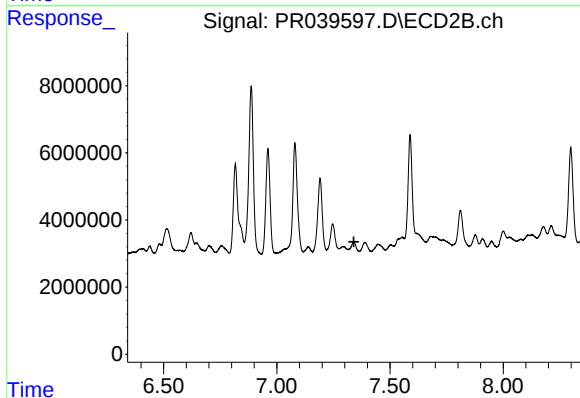
R.T.: 7.811 min
Delta R.T.: -0.066 min
Response: 14398026
Conc: 30.32 ng/ml



#31 AR-1260-1

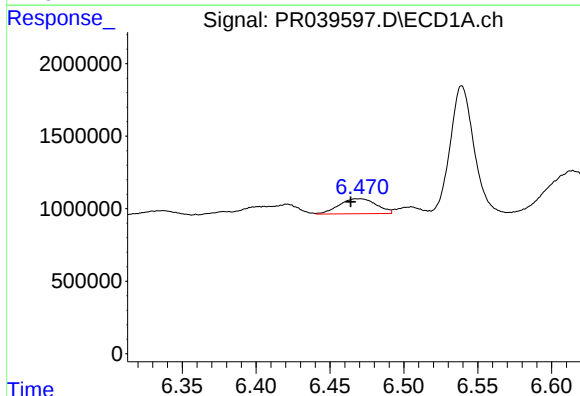
R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 2199982
Conc: 15.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



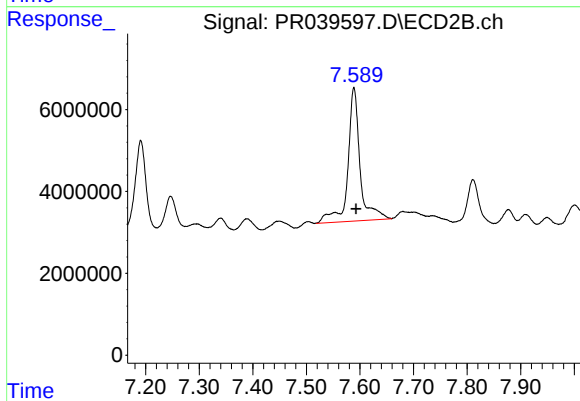
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.340 min
Response: 0
Conc: N.D.



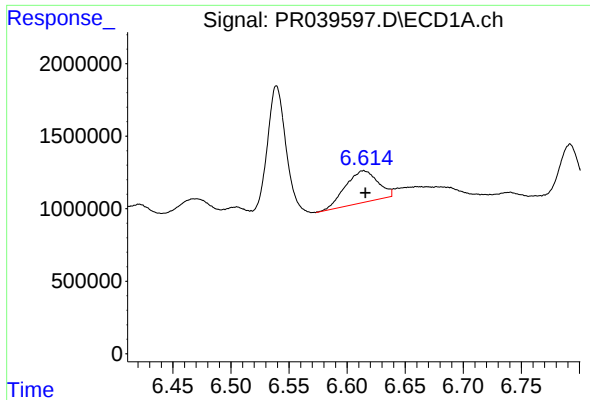
#32 AR-1260-2

R.T.: 6.471 min
Delta R.T.: 0.007 min
Response: 1805005
Conc: 9.80 ng/ml



#32 AR-1260-2

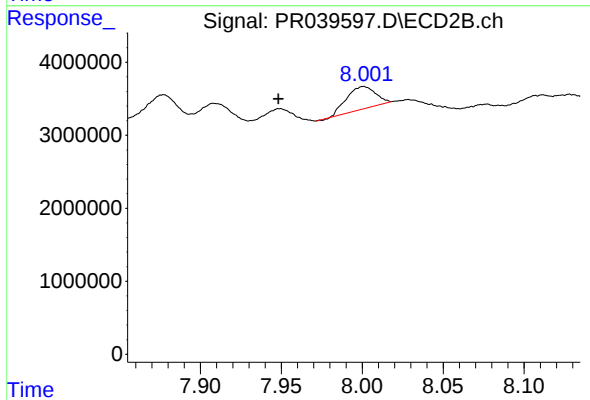
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 51676021
Conc: 94.27 ng/ml



#33 AR-1260-3

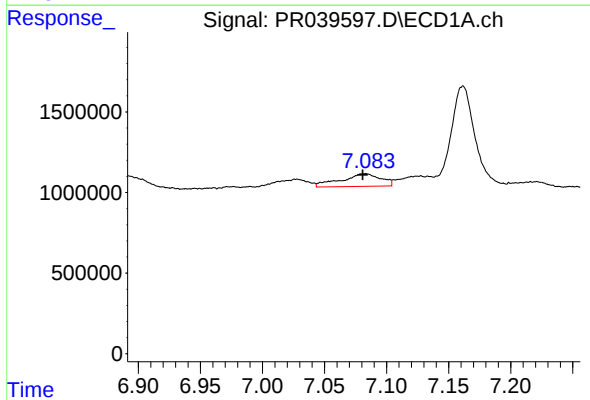
R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 4279941
Conc: 25.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



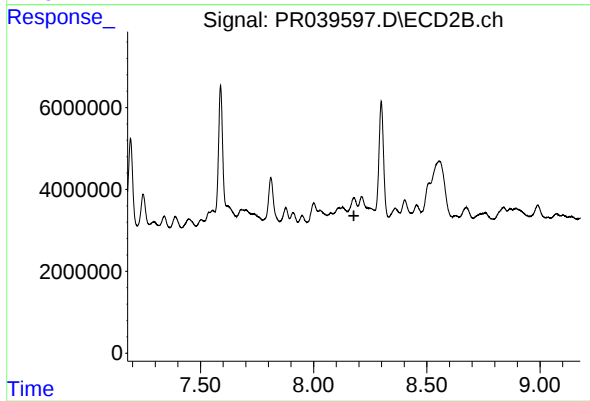
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.053 min
Response: 3827420
Conc: 9.13 ng/ml



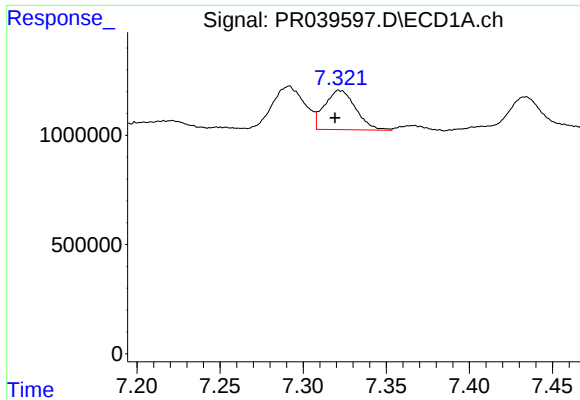
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: 0.002 min
Response: 1764463
Conc: 12.69 ng/ml



#34 AR-1260-4

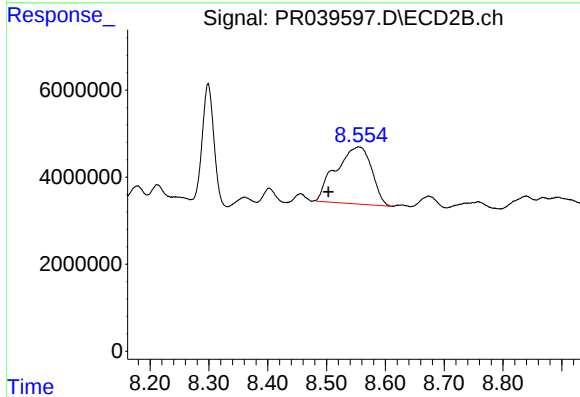
R.T.: 0.000 min
Exp R.T.: 8.178 min
Response: 0
Conc: N.D.



#35 AR-1260-5

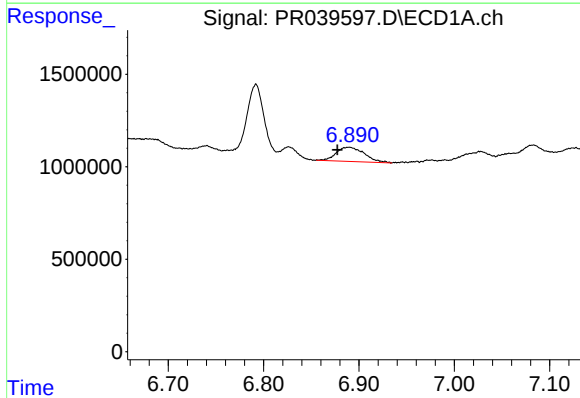
R.T.: 7.322 min
Delta R.T.: 0.003 min
Response: 2351334
Conc: 6.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



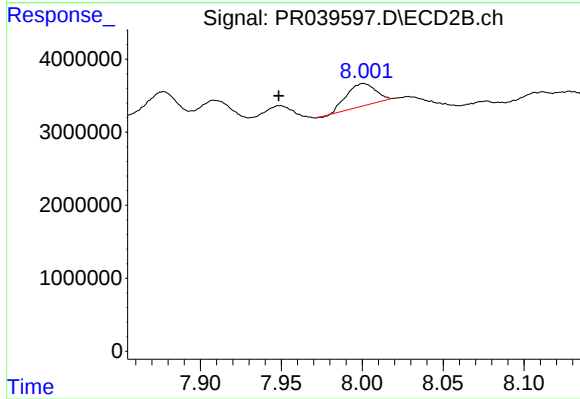
#35 AR-1260-5

R.T.: 8.554 min
Delta R.T.: 0.052 min
Response: 55186057
Conc: 53.80 ng/ml



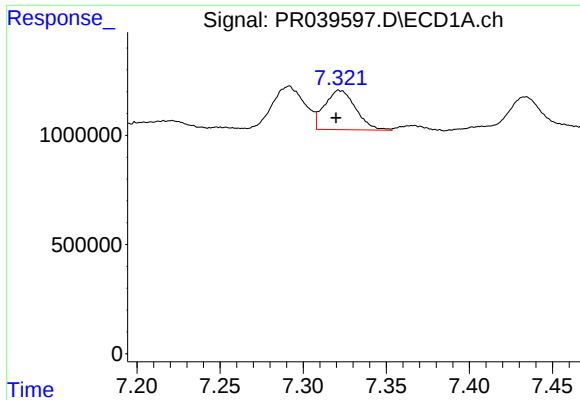
#36 AR-1262-1

R.T.: 6.889 min
Delta R.T.: 0.012 min
Response: 1588748
Conc: 10.82 ng/ml



#36 AR-1262-1

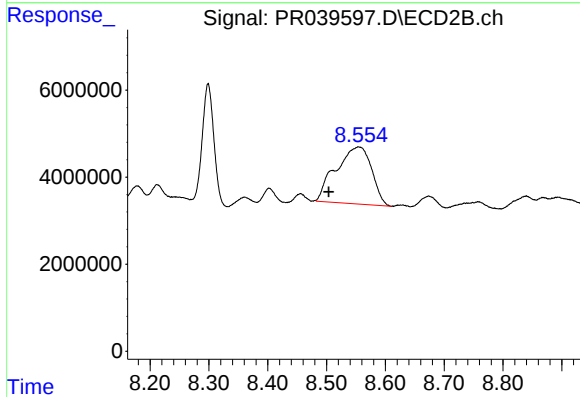
R.T.: 8.001 min
Delta R.T.: 0.052 min
Response: 3827420
Conc: 3.69 ng/ml



#37 AR-1262-2

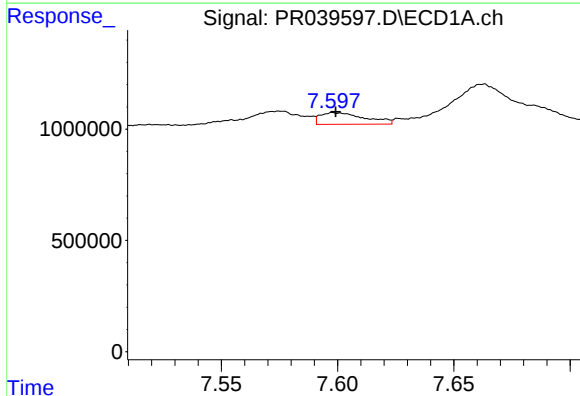
R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 2351334
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



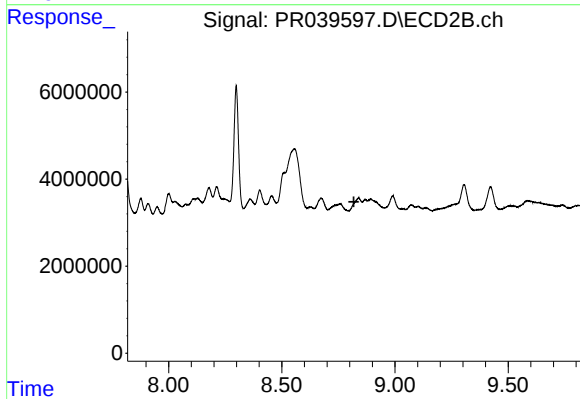
#37 AR-1262-2

R.T.: 8.554 min
Delta R.T.: 0.051 min
Response: 55186057
Conc: 27.40 ng/ml



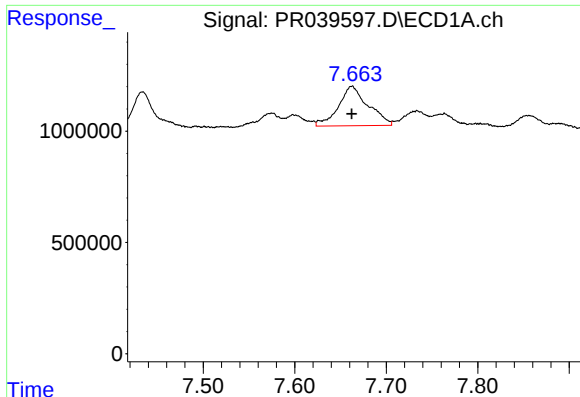
#38 AR-1262-3

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 705176
Conc: 2.97 ng/ml



#38 AR-1262-3

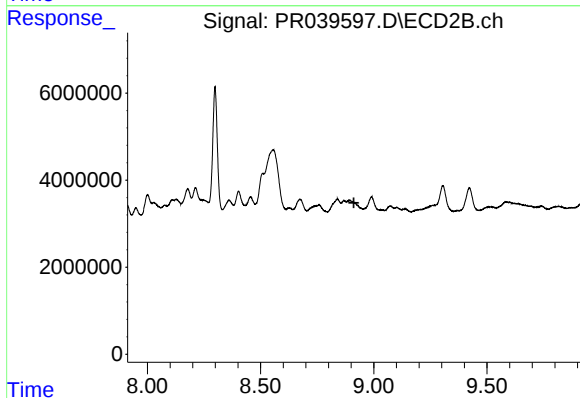
R.T.: 0.000 min
Exp R.T.: 8.819 min
Response: 0
Conc: N.D.



#39 AR-1262-4

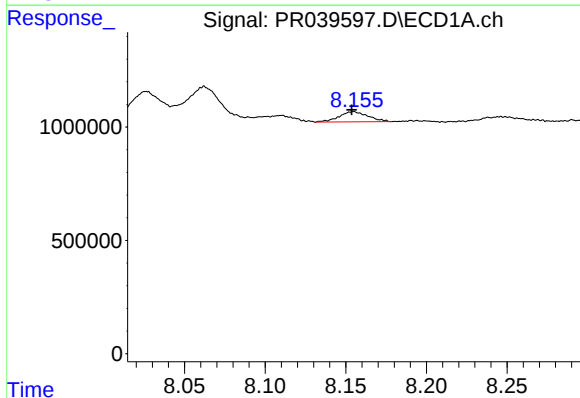
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 4006320
Conc: 8.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



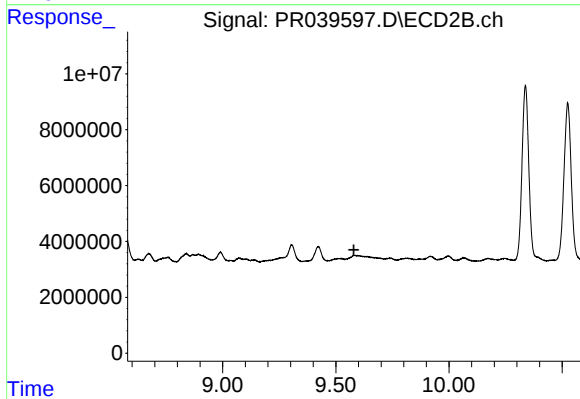
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



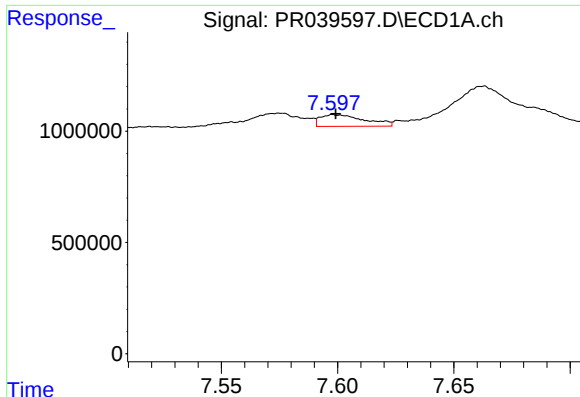
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 563896
Conc: 2.90 ng/ml



#40 AR-1262-5

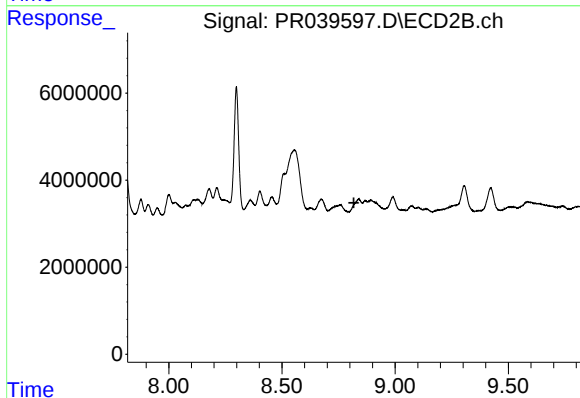
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#41 AR-1268-1

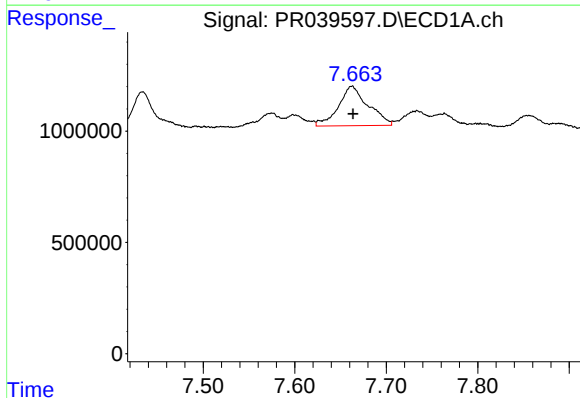
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 705176
Conc: 0.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



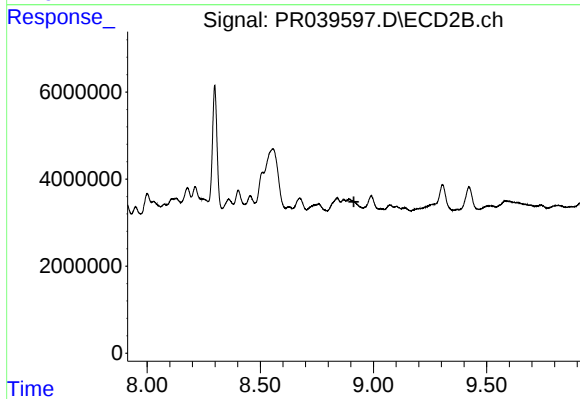
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.



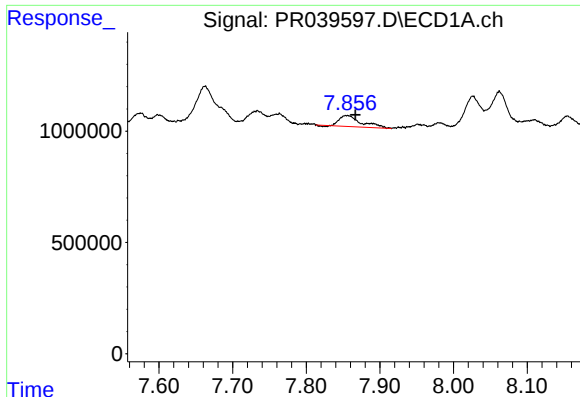
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 4006320
Conc: 5.71 ng/ml



#42 AR-1268-2

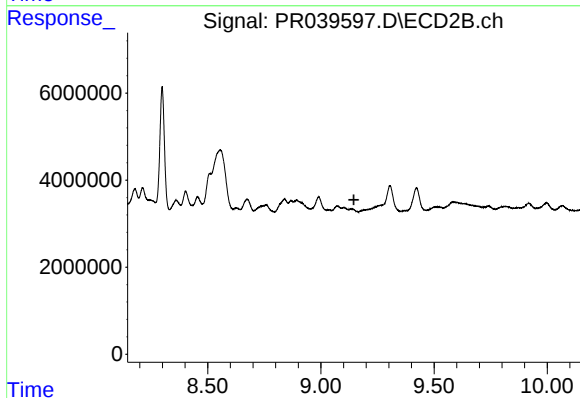
R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



#43 AR-1268-3

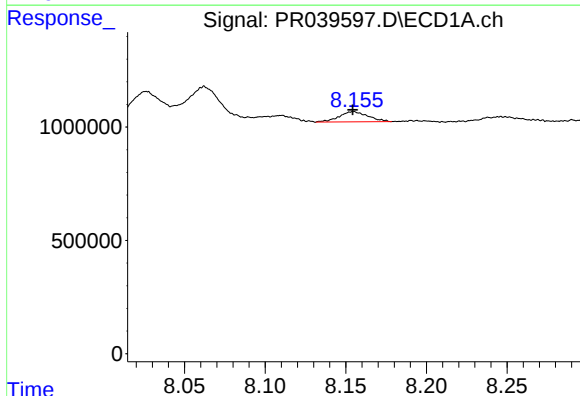
R.T.: 7.856 min
Delta R.T.: -0.011 min
Response: 1005840
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



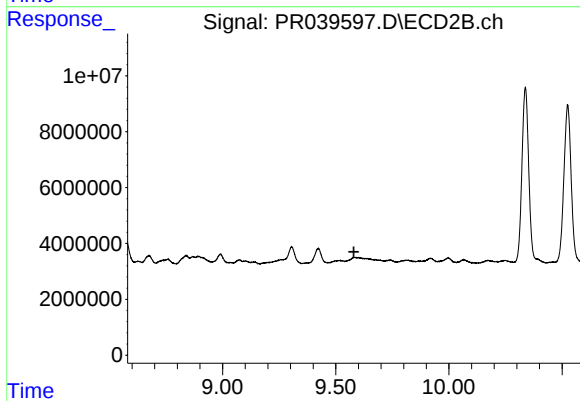
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



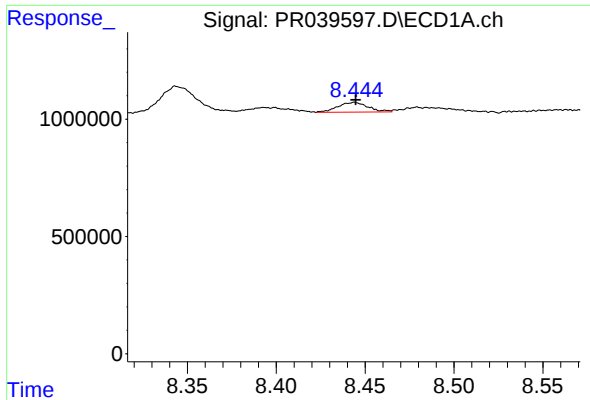
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 563896
Conc: 2.45 ng/ml



#44 AR-1268-4

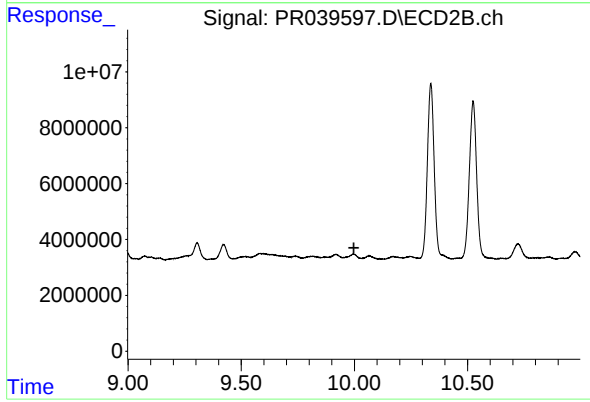
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 495349
Conc: 0.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
PA-71619



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.