

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
 Data File : PQ041338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2019 03:52
 Operator : SM\AJ
 Sample : K3835-30MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SB-11(8-10)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 04:35:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 18 01:40:31 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...	5.710	4.766	83487625	63346881	19.960	19.376
2)	SA Decachlor...	12.119	10.532	156.0E6	62141783	18.507	18.859
Target Compounds							
3)	L1 AR-1016-1	7.154	6.220	39744823	33014793	229.678	226.782
4)	L1 AR-1016-2	7.180	6.243	57644385	44667571	234.002	225.758
5)	L1 AR-1016-3	7.250	6.457	34046471	23709709	230.484	224.204
6)	L1 AR-1016-4	7.364	6.512	28664796	19039650	229.810	224.404
7)	L1 AR-1016-5	7.697	6.764	27145857	24088023	220.877	232.796
9)	L2 AR-1221-2	0.000	5.191	0	3334187	N.D.	112.013 #
10)	L2 AR-1221-3	6.194	5.296	16296669	13601291	141.946	141.176
11)	L3 AR-1232-1	6.194	5.296	16296669	13601291	173.087	172.465
12)	L3 AR-1232-2	6.837	6.243	24499723	44667571	479.599	505.590
13)	L3 AR-1232-3	7.180	6.457	57644385	23709709	523.618	519.937
14)	L3 AR-1232-4	7.364	6.560	28664796	23201551	527.339	585.645
15)	L3 AR-1232-5	7.469	6.764	23839154	24088023	673.105	589.679
16)	L4 AR-1242-1	7.154	6.220	39744823	33014793	281.151	287.112
17)	L4 AR-1242-2	7.180	6.243	57644385	44667571	285.129	284.353
18)	L4 AR-1242-3	7.250	6.457	34046471	23709709	279.261	282.725
19)	L4 AR-1242-4	7.364	6.560	28664796	23201551	284.477	286.351
20)	L4 AR-1242-5	0.000	7.173	0	20859032	N.D.	189.574 #
21)	L5 AR-1248-1	7.154	6.220	39744823	33014793	341.271	348.429
22)	L5 AR-1248-2	7.469	6.512	23839154	19039650	163.209	153.914
23)	L5 AR-1248-3	7.697	6.560	27145857	23201551	151.639	183.442
24)	L5 AR-1248-4	8.114	6.764	15733738	24088023	67.394	159.533 #
25)	L5 AR-1248-5	0.000	7.219	0	3391718	N.D.	20.198 #
26)	L6 AR-1254-1	8.114	7.173	15733738	20859032	72.119	84.724
27)	L6 AR-1254-2	8.352	7.341	25476959	20815563	72.279	97.655 #
28)	L6 AR-1254-3	8.747	7.805	15598276	36670926	39.133	106.926 #
29)	L6 AR-1254-4	9.048	8.037	11582464	4551759	32.469	18.425 #
30)	L6 AR-1254-5	9.486	8.482	104.5E6	71196523	299.217	232.947
31)	L7 AR-1260-1	8.919	7.930	61555423	50822859	248.079	243.590
32)	L7 AR-1260-2	9.189	8.133	89118193	68459362	241.280	237.053
33)	L7 AR-1260-3	9.564	8.298	64870437	55857705	201.979	240.554
34)	L7 AR-1260-4	9.808	8.797	66731999	39750096	213.863	205.169
35)	L7 AR-1260-5	10.155	9.047	159.4E6	100.9E6	197.957	197.607
36)	L8 AR-1262-1	9.564	8.523	64870437	49625758	108.174	123.419
37)	L8 AR-1262-2	10.155	9.047	159.4E6	100.9E6	136.859	145.697
38)	L8 AR-1262-3	10.513	9.342	96049877	19299164	121.001	72.089 #
39)	L8 AR-1262-4	10.572	9.408	54976967	66102633	89.607	141.906 #
40)	L8 AR-1262-5	11.305	9.933	40059903	19578048	83.252	90.914
41)	L9 AR-1268-1	10.513	9.342	96049877	19299164	69.288	26.901 #
42)	L9 AR-1268-2	10.572	9.408	54976967	66102633	43.987	105.457 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
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 Acq On : 19 Jul 2019 03:52
 Operator : SM\AJ
 Sample : K3835-30MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

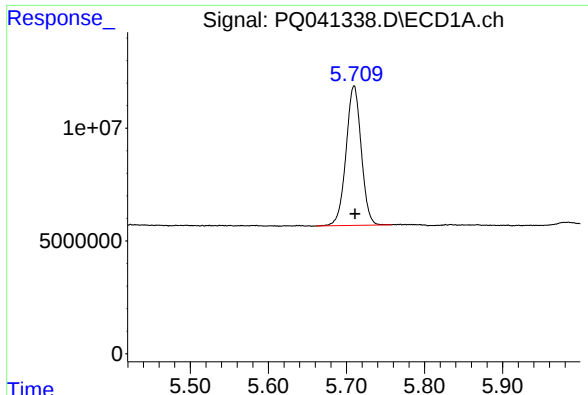
Instrument :
 ECD_Q
 ClientSampleId :
 SB-11(8-10)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 04:35:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.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
44) L9	AR-1268-4	11.305	9.933	40059903	19578048	80.327	89.315
45) L9	AR-1268-5	11.753	10.251	12921382	5914525	3.478	4.193

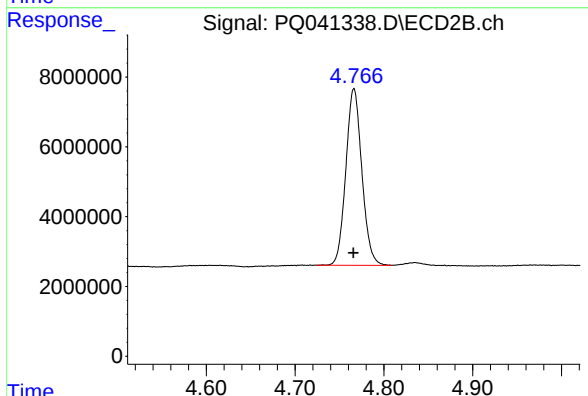
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

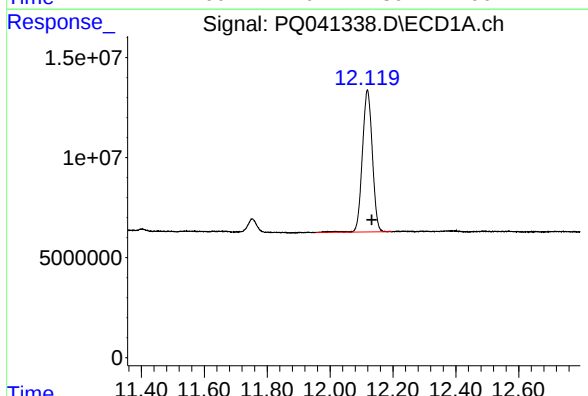
R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 83487625
Conc: 19.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



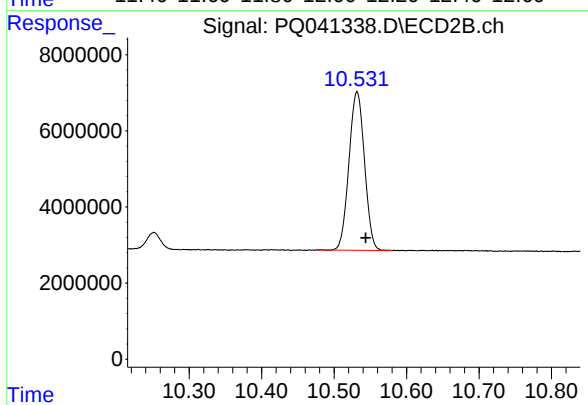
#1 Tetrachloro-m-xylene

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 63346881
Conc: 19.38 ng/ml



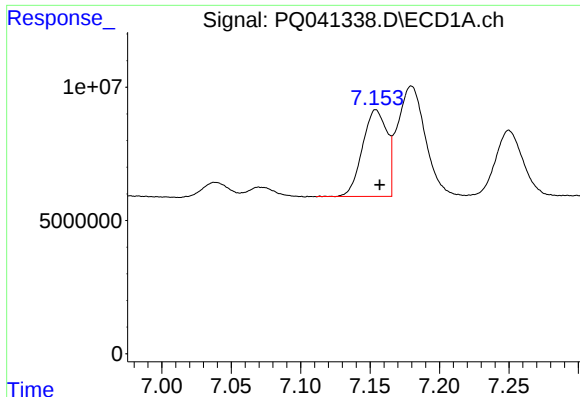
#2 Decachlorobiphenyl

R.T.: 12.119 min
Delta R.T.: -0.013 min
Response: 156036755
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

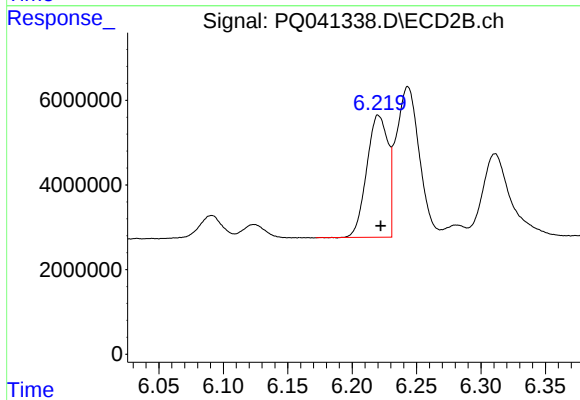
R.T.: 10.532 min
Delta R.T.: -0.012 min
Response: 62141783
Conc: 18.86 ng/ml



#3 AR-1016-1

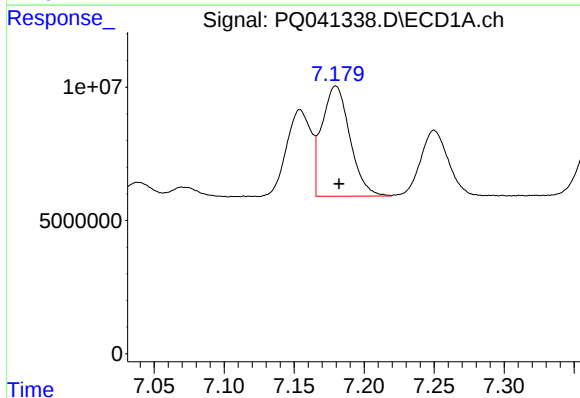
R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 39744823
Conc: 229.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



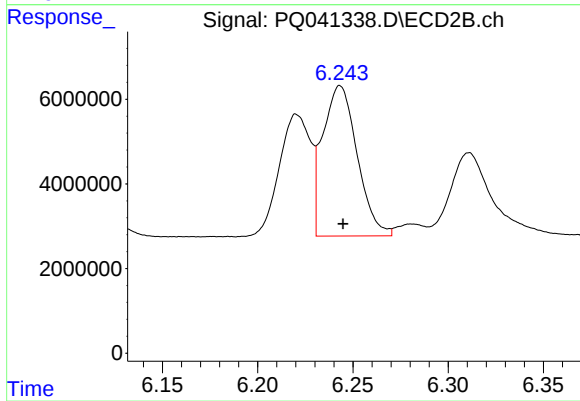
#3 AR-1016-1

R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 33014793
Conc: 226.78 ng/ml



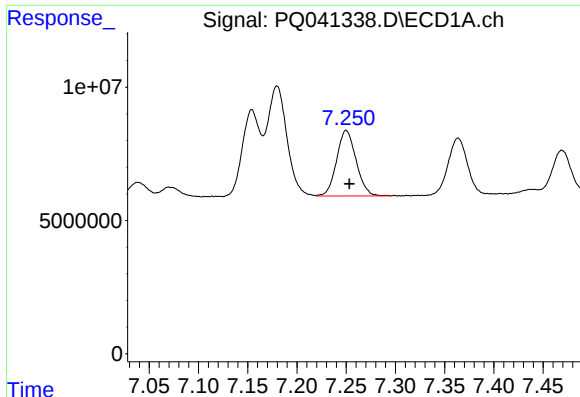
#4 AR-1016-2

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 57644385
Conc: 234.00 ng/ml



#4 AR-1016-2

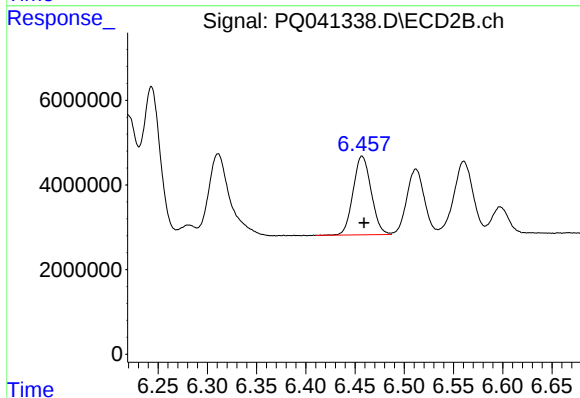
R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 44667571
Conc: 225.76 ng/ml



#5 AR-1016-3

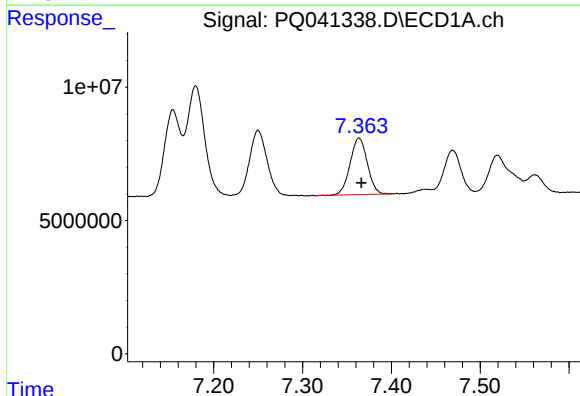
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 34046471
Conc: 230.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



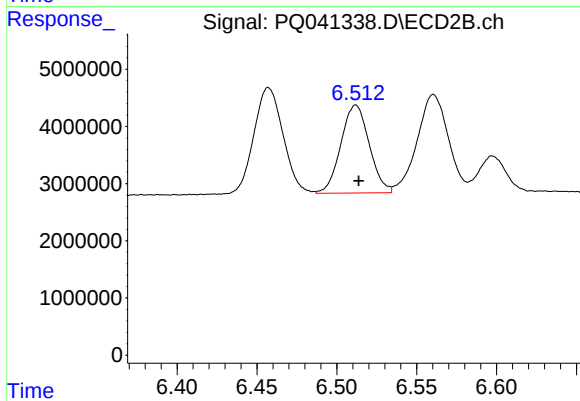
#5 AR-1016-3

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 23709709
Conc: 224.20 ng/ml



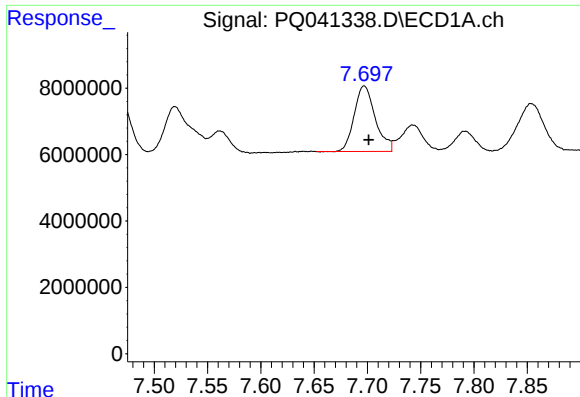
#6 AR-1016-4

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 28664796
Conc: 229.81 ng/ml



#6 AR-1016-4

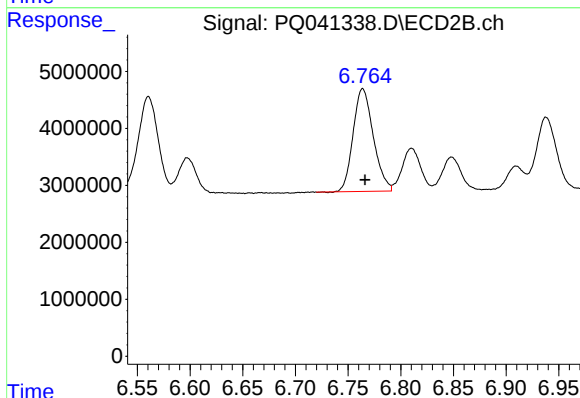
R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 19039650
Conc: 224.40 ng/ml



#7 AR-1016-5

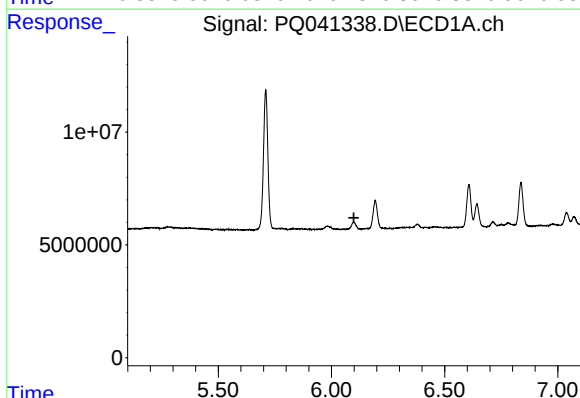
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 27145857
Conc: 220.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



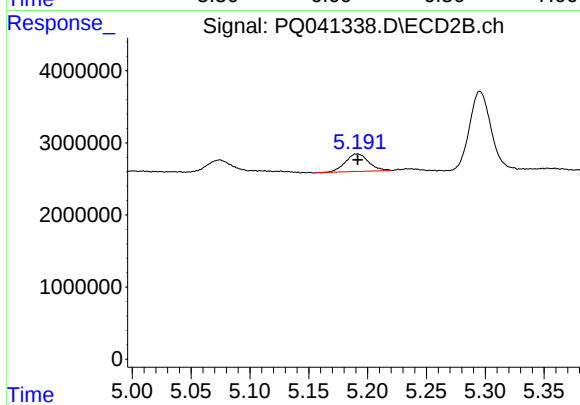
#7 AR-1016-5

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 24088023
Conc: 232.80 ng/ml



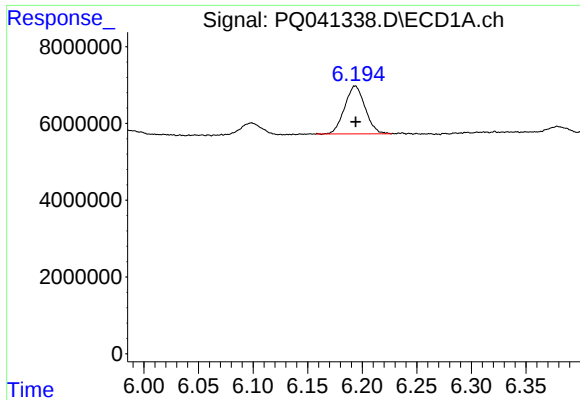
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

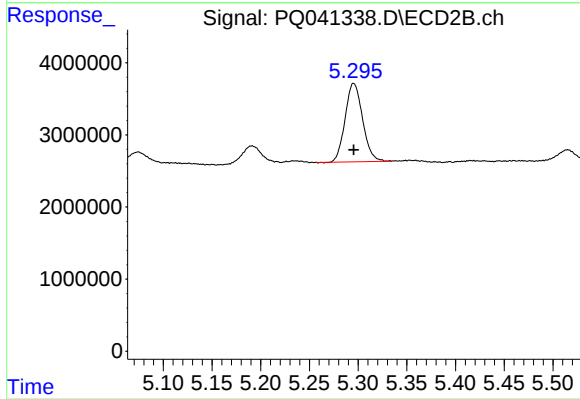
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 3334187
Conc: 112.01 ng/ml



#10 AR-1221-3

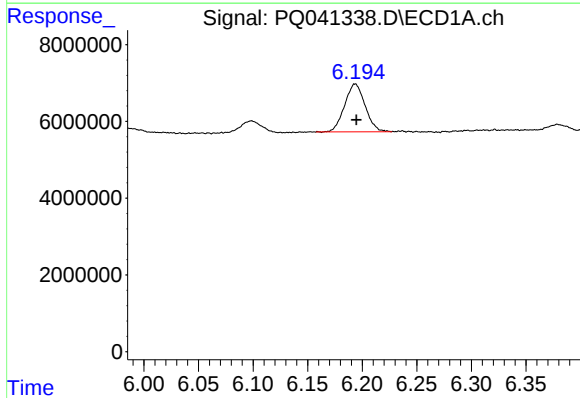
R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 16296669
Conc: 141.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



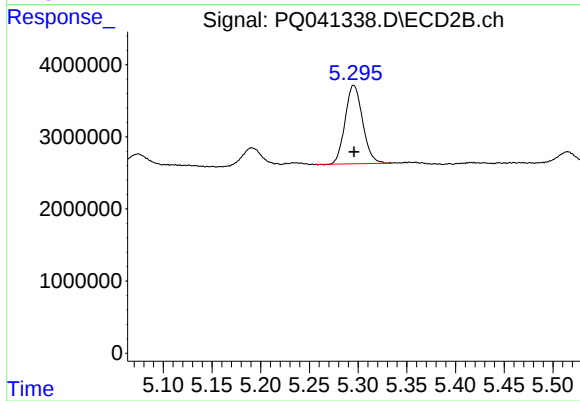
#10 AR-1221-3

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 13601291
Conc: 141.18 ng/ml



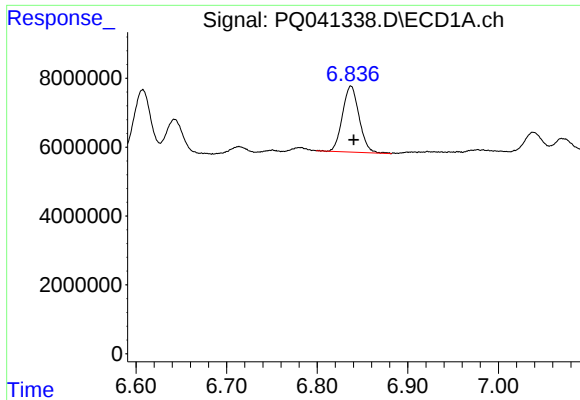
#11 AR-1232-1

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 16296669
Conc: 173.09 ng/ml



#11 AR-1232-1

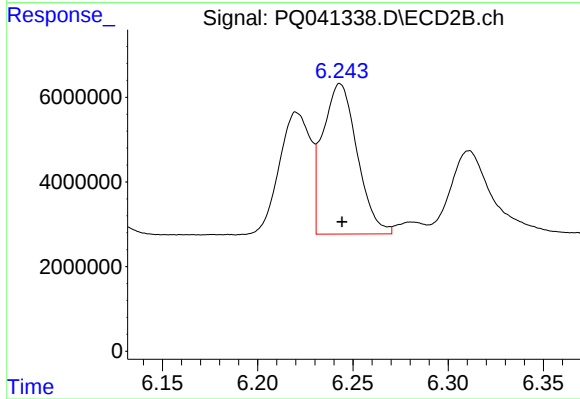
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 13601291
Conc: 172.46 ng/ml



#12 AR-1232-2

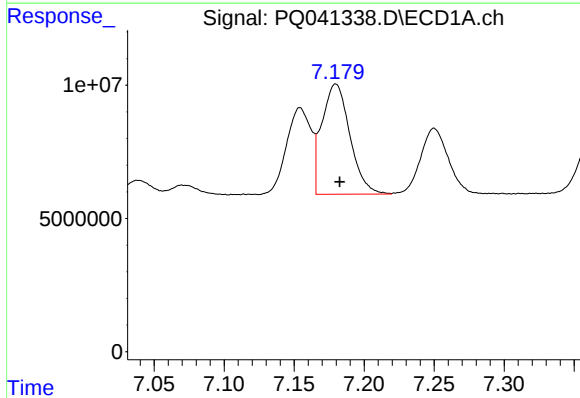
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 24499723
Conc: 479.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



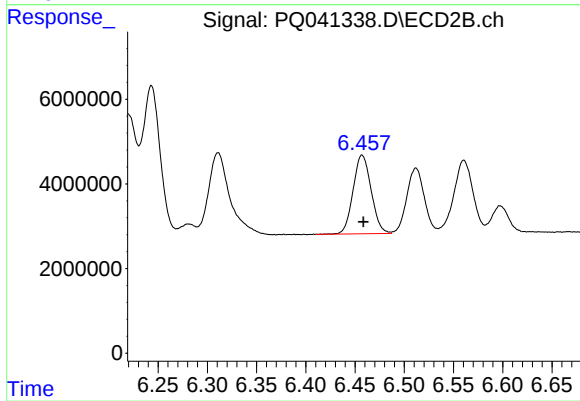
#12 AR-1232-2

R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 44667571
Conc: 505.59 ng/ml



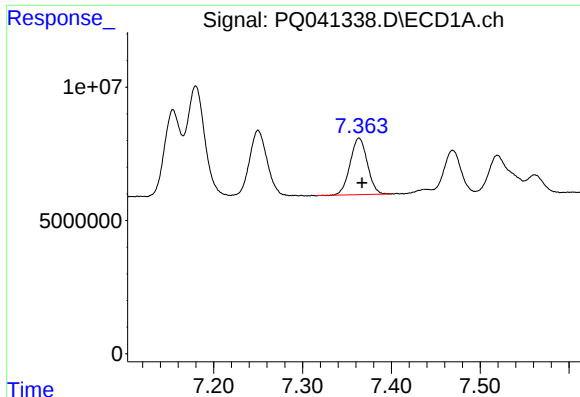
#13 AR-1232-3

R.T.: 7.180 min
Delta R.T.: -0.003 min
Response: 57644385
Conc: 523.62 ng/ml



#13 AR-1232-3

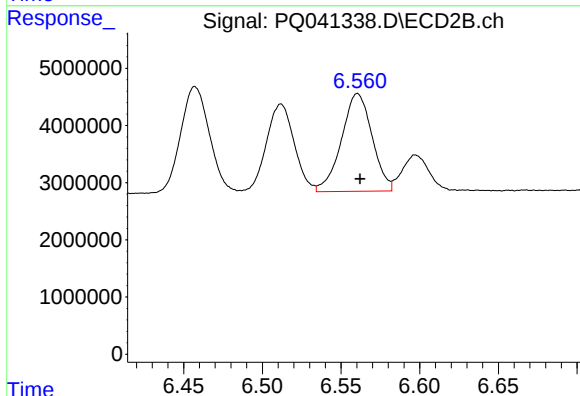
R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 23709709
Conc: 519.94 ng/ml



#14 AR-1232-4

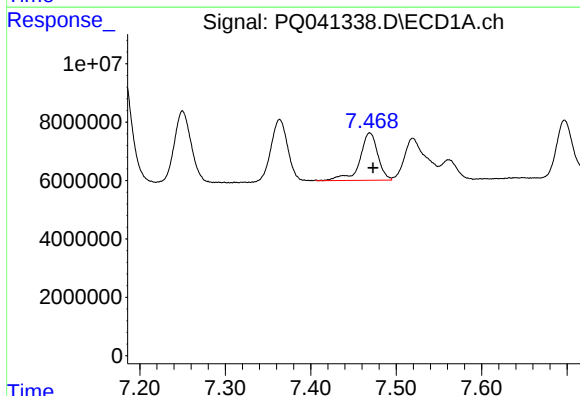
R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 28664796
Conc: 527.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



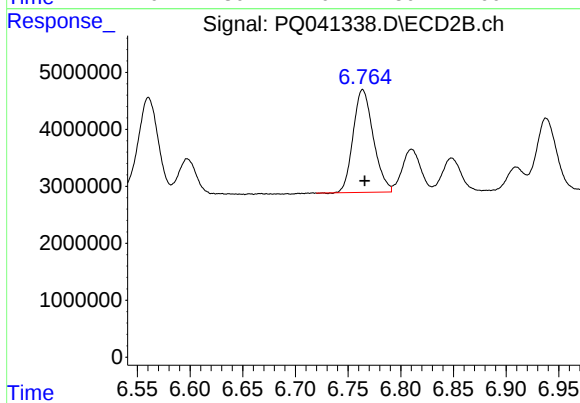
#14 AR-1232-4

R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 23201551
Conc: 585.64 ng/ml



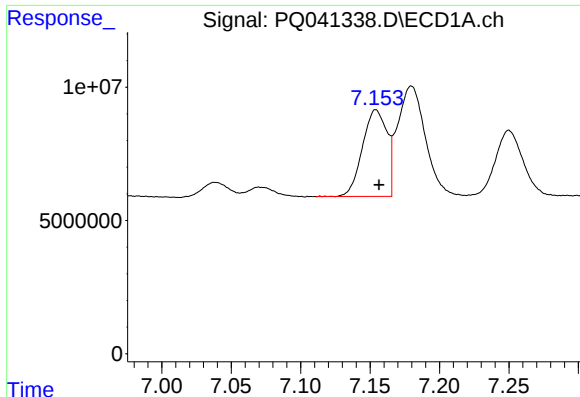
#15 AR-1232-5

R.T.: 7.469 min
Delta R.T.: -0.004 min
Response: 23839154
Conc: 673.10 ng/ml



#15 AR-1232-5

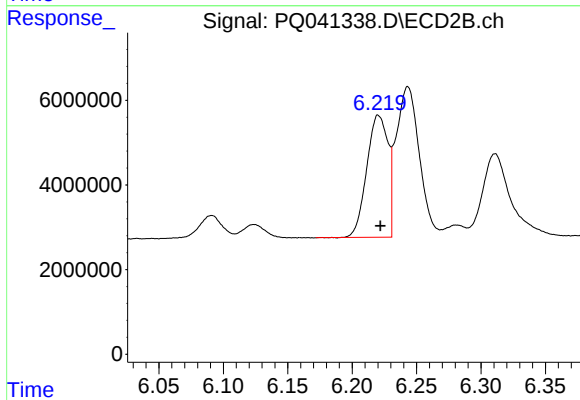
R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 24088023
Conc: 589.68 ng/ml



#16 AR-1242-1

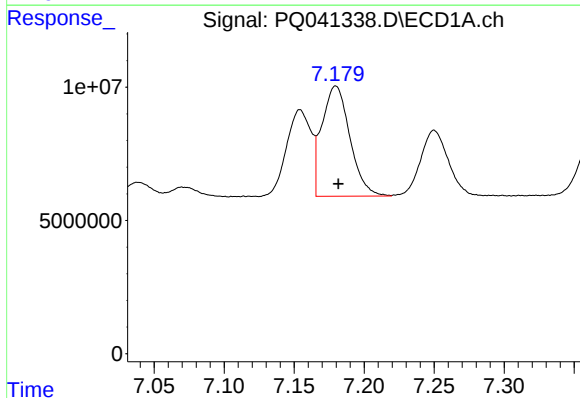
R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 39744823
Conc: 281.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



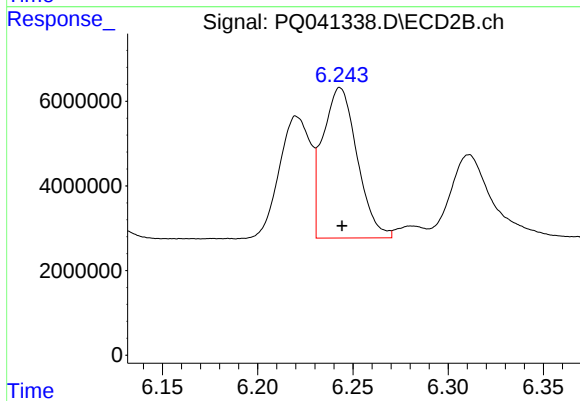
#16 AR-1242-1

R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 33014793
Conc: 287.11 ng/ml



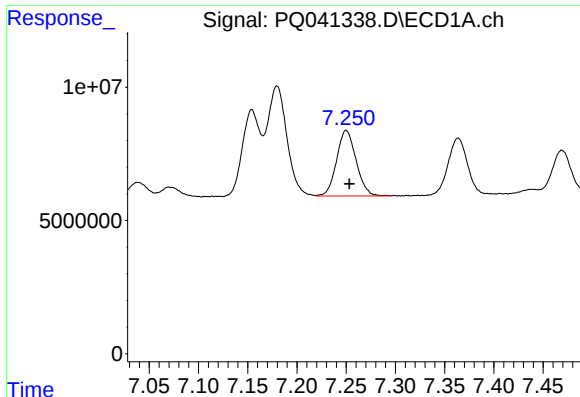
#17 AR-1242-2

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 57644385
Conc: 285.13 ng/ml



#17 AR-1242-2

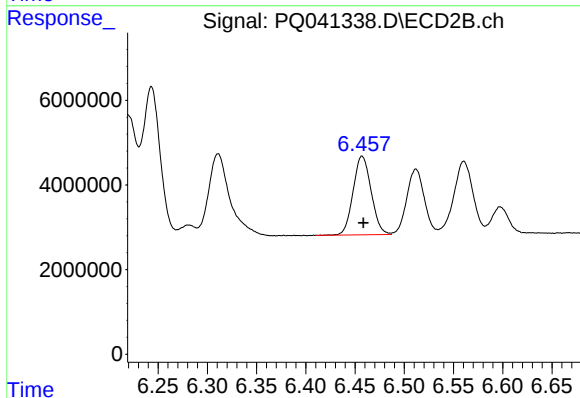
R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 44667571
Conc: 284.35 ng/ml



#18 AR-1242-3

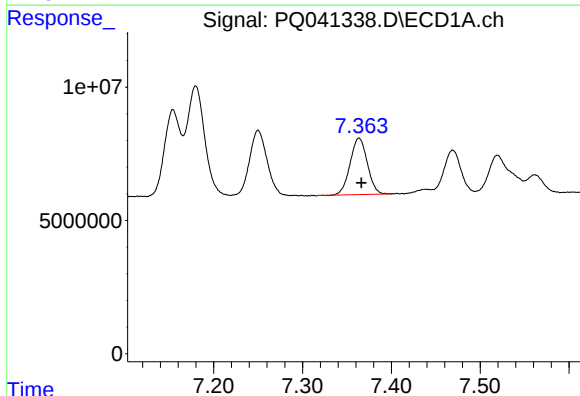
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 34046471
Conc: 279.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



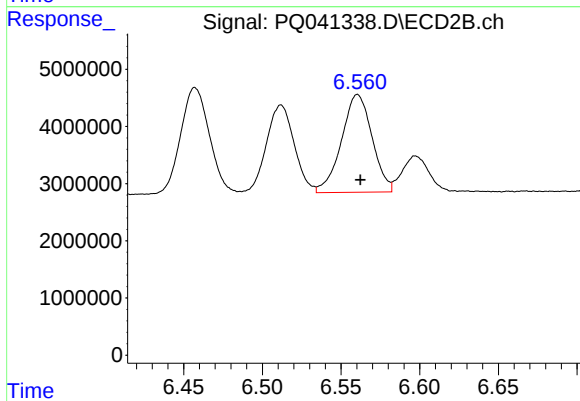
#18 AR-1242-3

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 23709709
Conc: 282.73 ng/ml



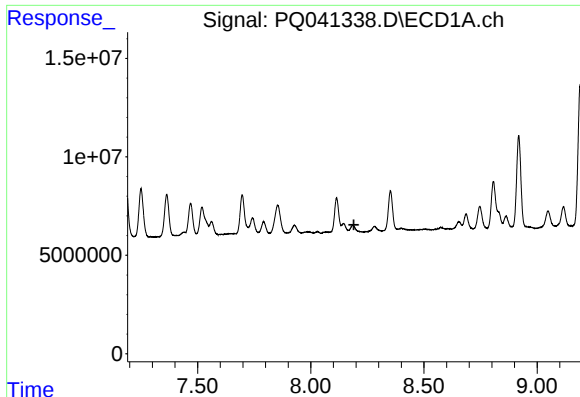
#19 AR-1242-4

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 28664796
Conc: 284.48 ng/ml



#19 AR-1242-4

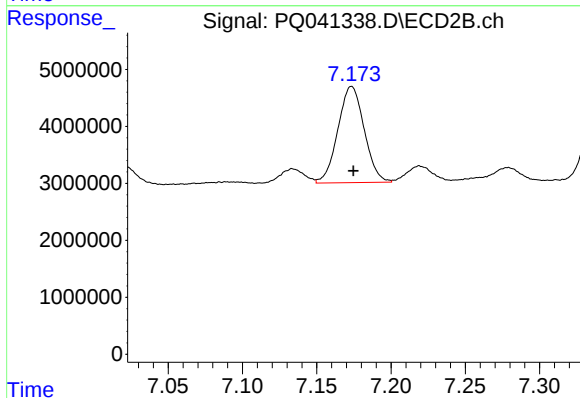
R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 23201551
Conc: 286.35 ng/ml



#20 AR-1242-5

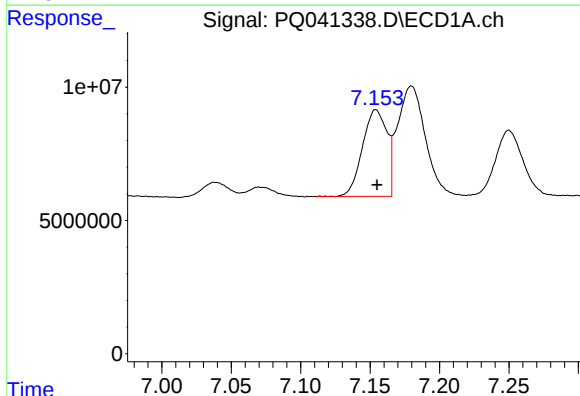
R.T.: 0.000 min
Exp R.T.: 8.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



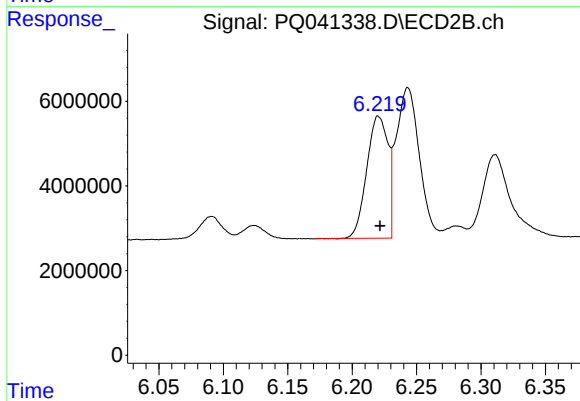
#20 AR-1242-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 20859032
Conc: 189.57 ng/ml



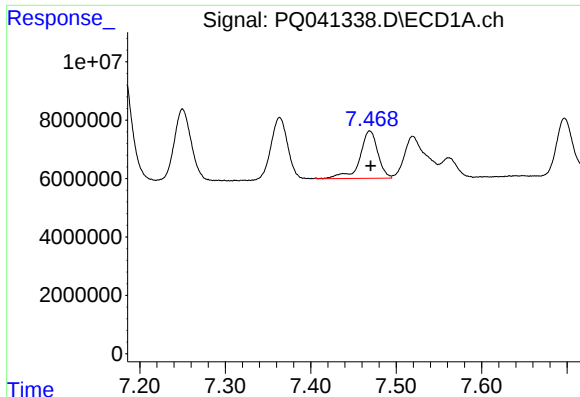
#21 AR-1248-1

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 39744823
Conc: 341.27 ng/ml



#21 AR-1248-1

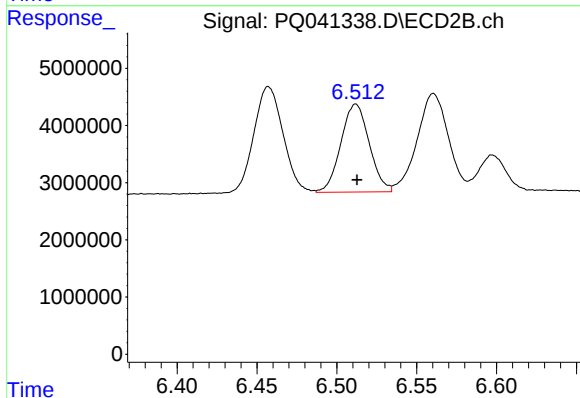
R.T.: 6.220 min
Delta R.T.: -0.001 min
Response: 33014793
Conc: 348.43 ng/ml



#22 AR-1248-2

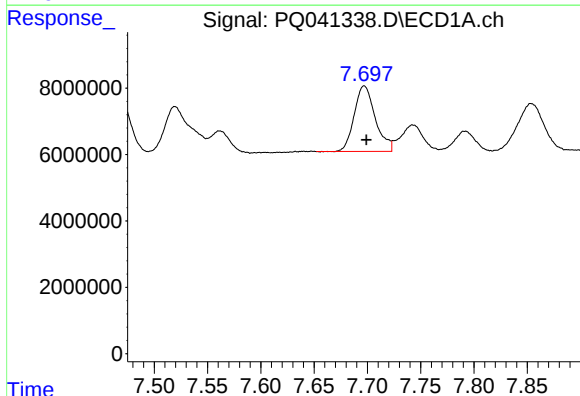
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 23839154
Conc: 163.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



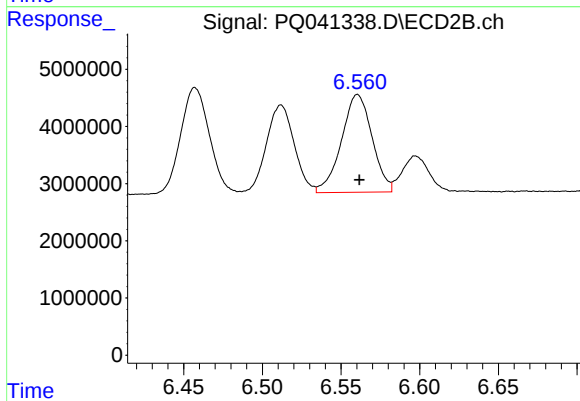
#22 AR-1248-2

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 19039650
Conc: 153.91 ng/ml



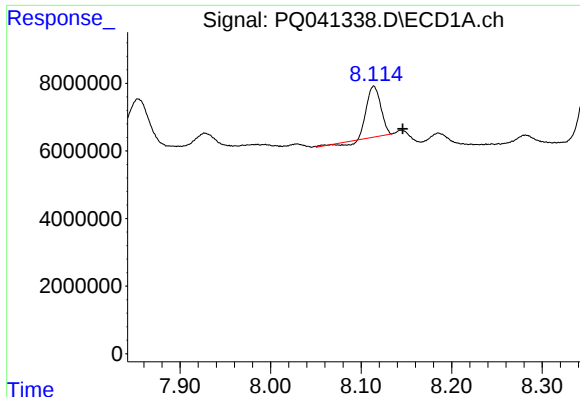
#23 AR-1248-3

R.T.: 7.697 min
Delta R.T.: -0.002 min
Response: 27145857
Conc: 151.64 ng/ml



#23 AR-1248-3

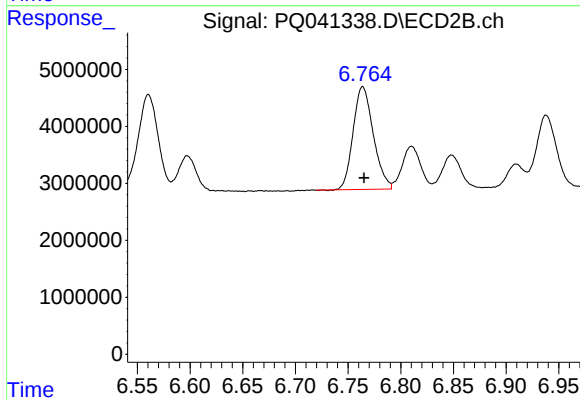
R.T.: 6.560 min
Delta R.T.: -0.001 min
Response: 23201551
Conc: 183.44 ng/ml



#24 AR-1248-4

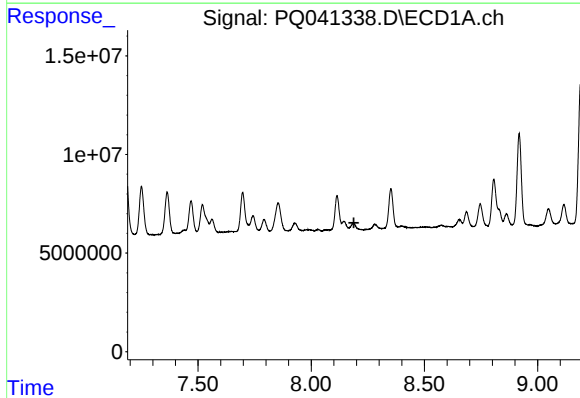
R.T.: 8.114 min
Delta R.T.: -0.032 min
Response: 15733738
Conc: 67.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



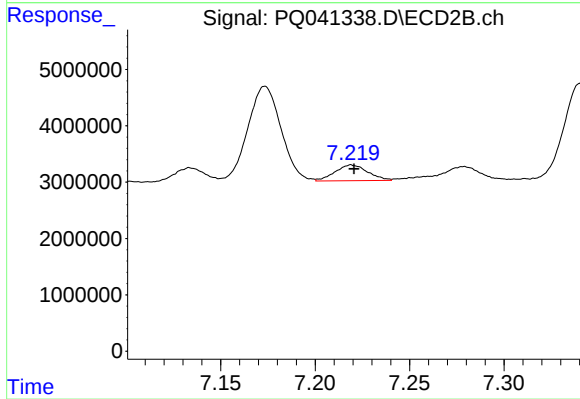
#24 AR-1248-4

R.T.: 6.764 min
Delta R.T.: -0.001 min
Response: 24088023
Conc: 159.53 ng/ml



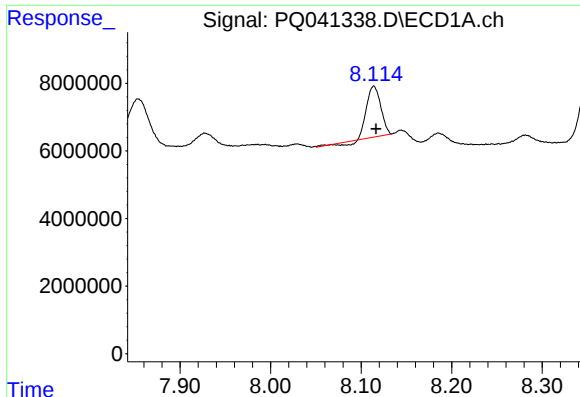
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.189 min
Response: 0
Conc: N.D.



#25 AR-1248-5

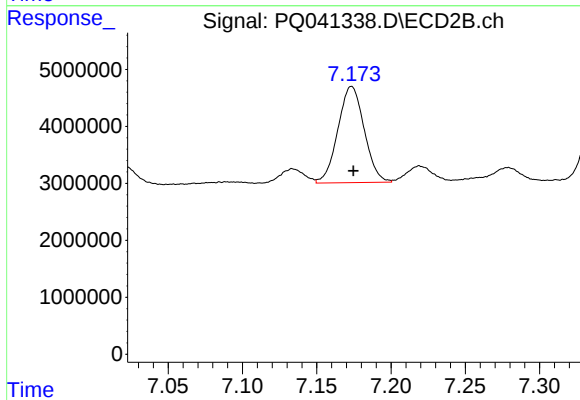
R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 3391718
Conc: 20.20 ng/ml



#26 AR-1254-1

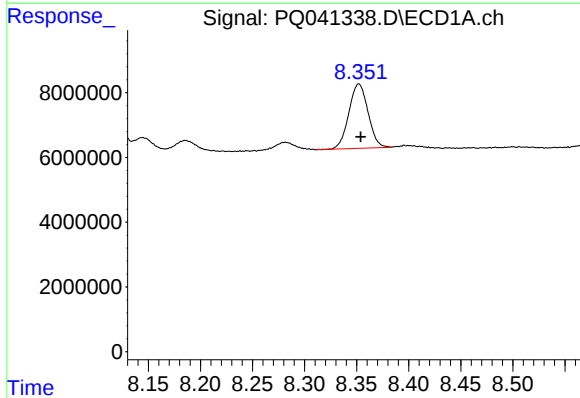
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 15733738
Conc: 72.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



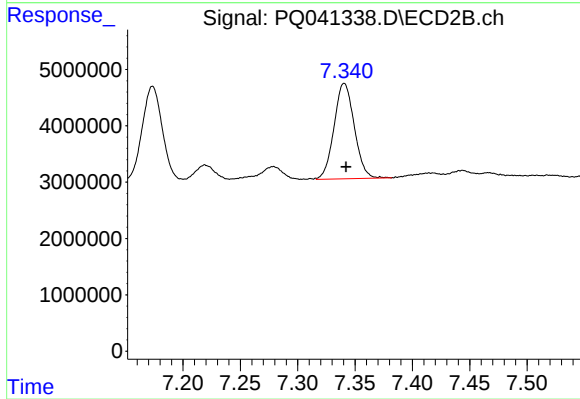
#26 AR-1254-1

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 20859032
Conc: 84.72 ng/ml



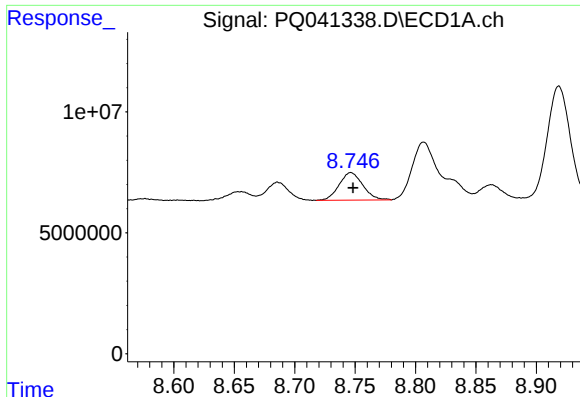
#27 AR-1254-2

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 25476959
Conc: 72.28 ng/ml



#27 AR-1254-2

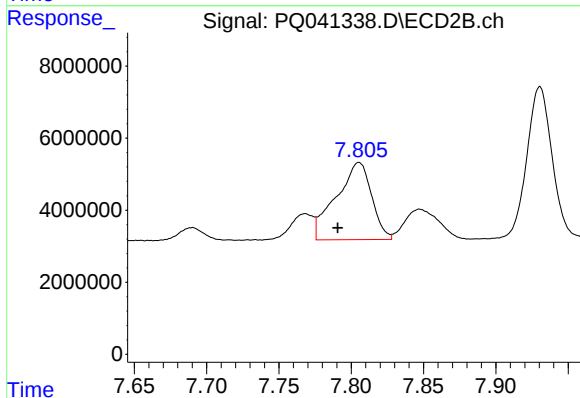
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 20815563
Conc: 97.66 ng/ml



#28 AR-1254-3

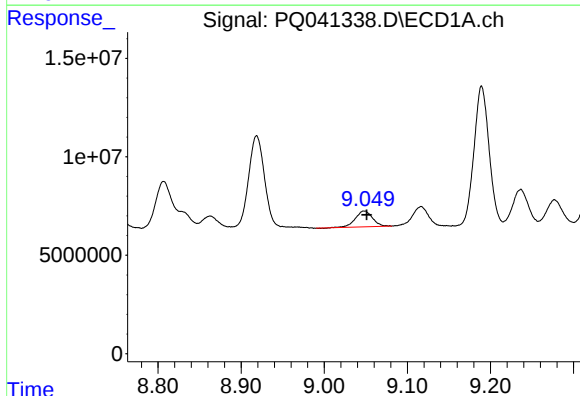
R.T.: 8.747 min
Delta R.T.: -0.002 min
Response: 15598276
Conc: 39.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



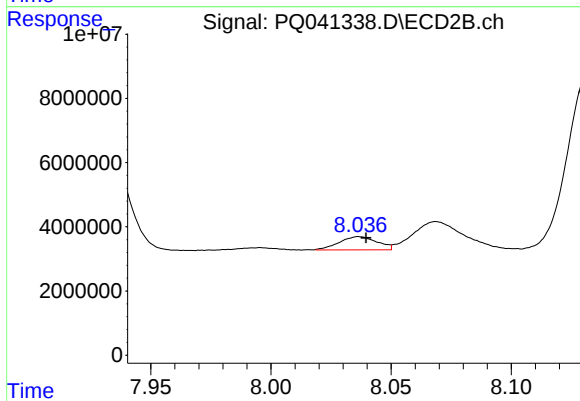
#28 AR-1254-3

R.T.: 7.805 min
Delta R.T.: 0.015 min
Response: 36670926
Conc: 106.93 ng/ml



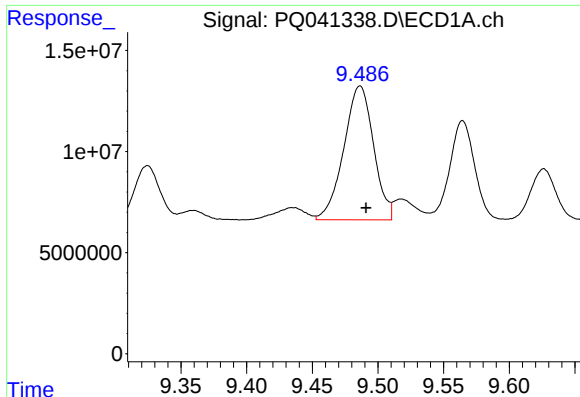
#29 AR-1254-4

R.T.: 9.048 min
Delta R.T.: -0.003 min
Response: 11582464
Conc: 32.47 ng/ml



#29 AR-1254-4

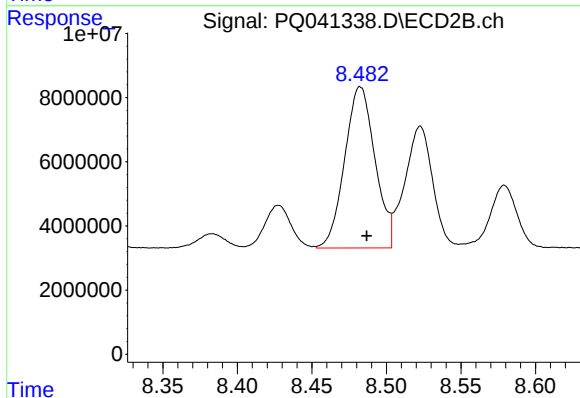
R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 4551759
Conc: 18.42 ng/ml



#30 AR-1254-5

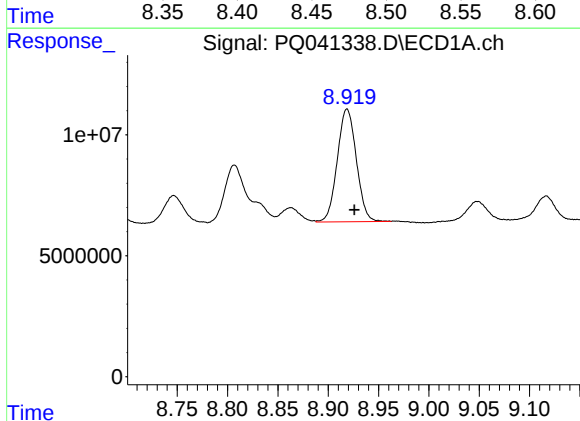
R.T.: 9.486 min
Delta R.T.: -0.005 min
Response: 104513490
Conc: 299.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



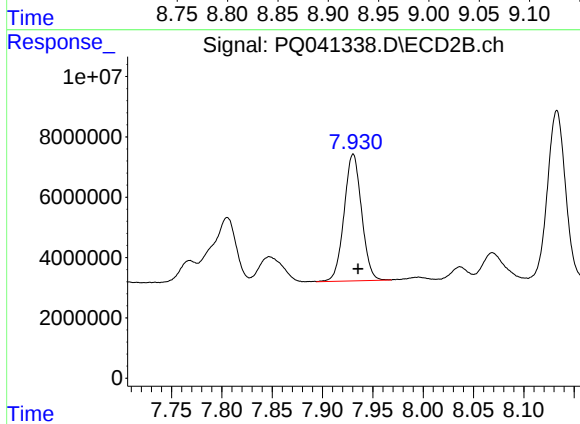
#30 AR-1254-5

R.T.: 8.482 min
Delta R.T.: -0.004 min
Response: 71196523
Conc: 232.95 ng/ml



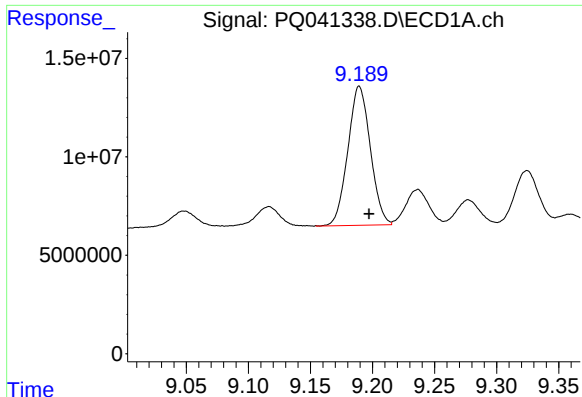
#31 AR-1260-1

R.T.: 8.919 min
Delta R.T.: -0.007 min
Response: 61555423
Conc: 248.08 ng/ml



#31 AR-1260-1

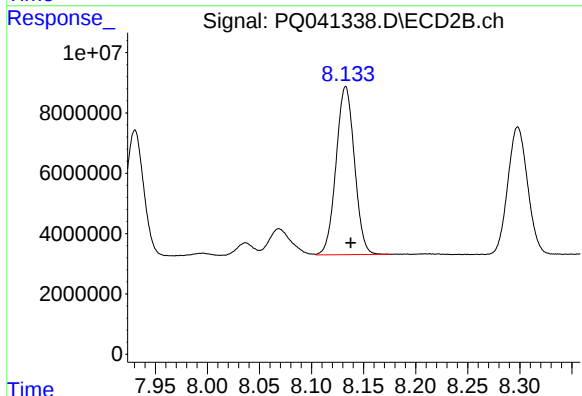
R.T.: 7.930 min
Delta R.T.: -0.005 min
Response: 50822859
Conc: 243.59 ng/ml



#32 AR-1260-2

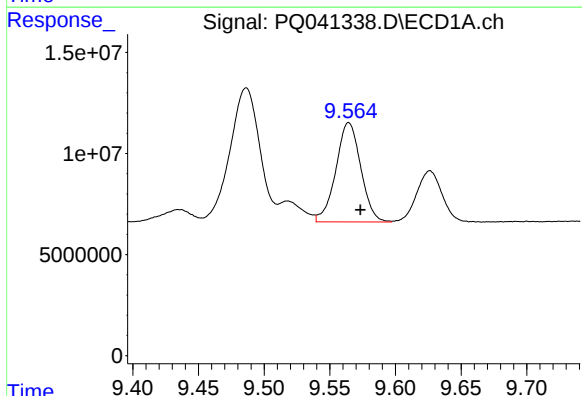
R.T.: 9.189 min
Delta R.T.: -0.008 min
Response: 89118193
Conc: 241.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



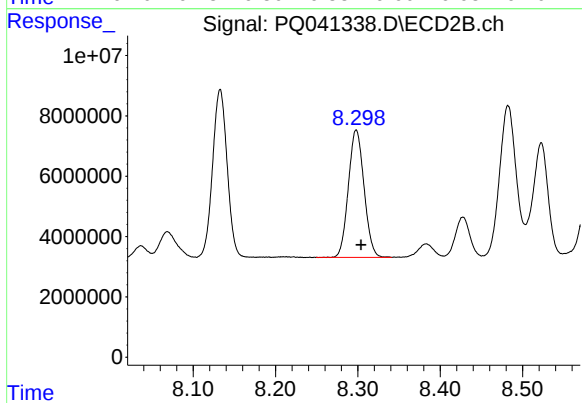
#32 AR-1260-2

R.T.: 8.133 min
Delta R.T.: -0.005 min
Response: 68459362
Conc: 237.05 ng/ml



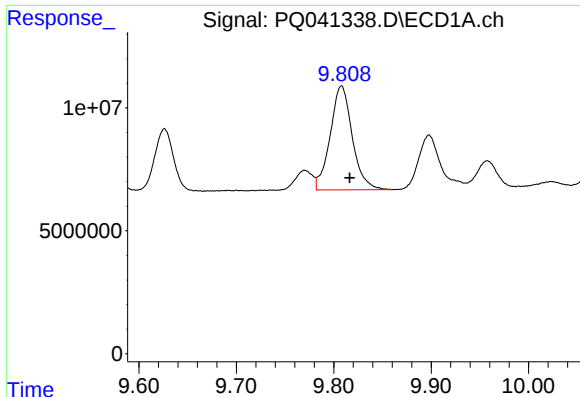
#33 AR-1260-3

R.T.: 9.564 min
Delta R.T.: -0.009 min
Response: 64870437
Conc: 201.98 ng/ml



#33 AR-1260-3

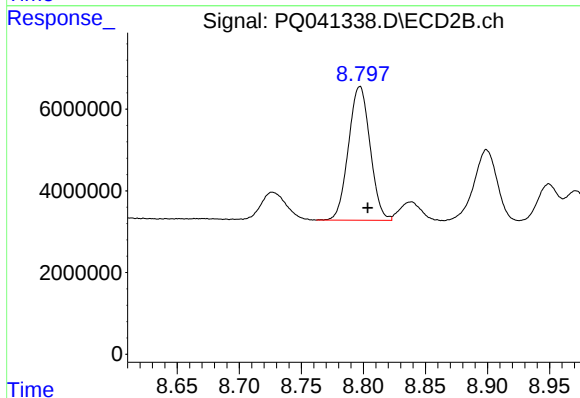
R.T.: 8.298 min
Delta R.T.: -0.006 min
Response: 55857705
Conc: 240.55 ng/ml



#34 AR-1260-4

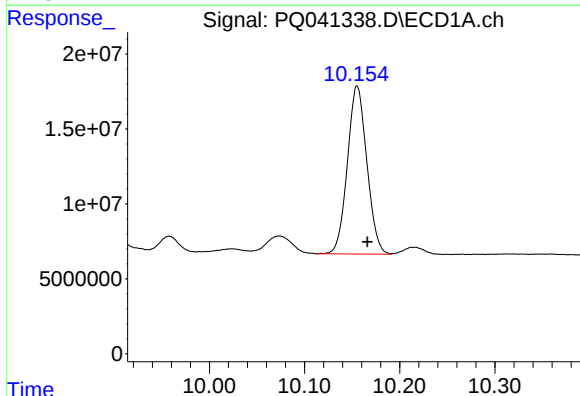
R.T.: 9.808 min
Delta R.T.: -0.008 min
Response: 66731999
Conc: 213.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



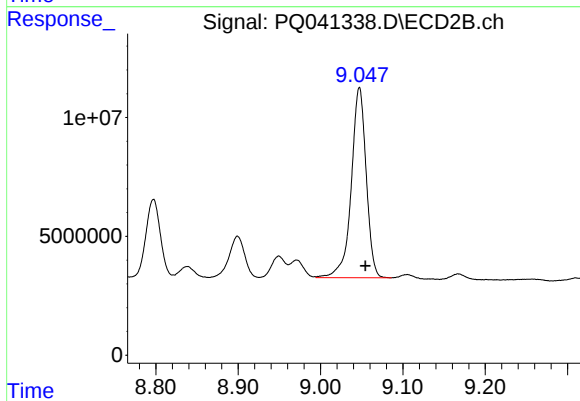
#34 AR-1260-4

R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 39750096
Conc: 205.17 ng/ml



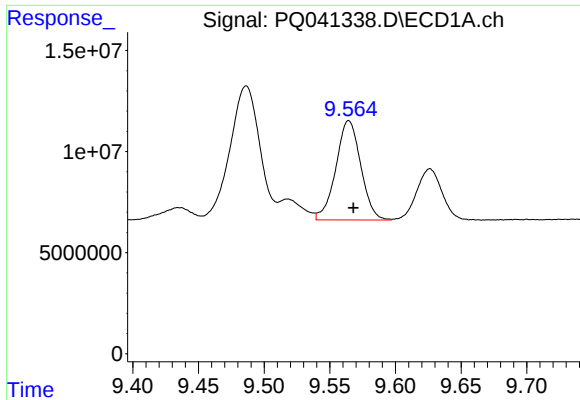
#35 AR-1260-5

R.T.: 10.155 min
Delta R.T.: -0.011 min
Response: 159383706
Conc: 197.96 ng/ml



#35 AR-1260-5

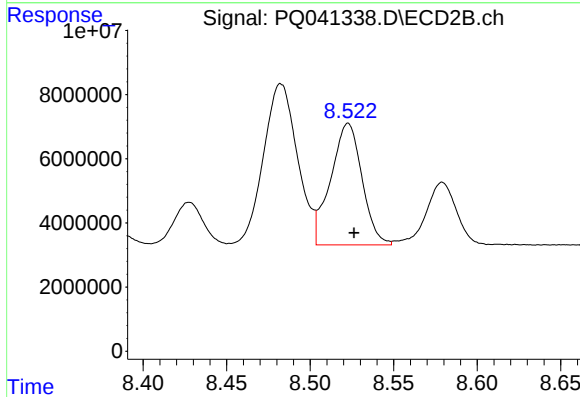
R.T.: 9.047 min
Delta R.T.: -0.007 min
Response: 100932609
Conc: 197.61 ng/ml



#36 AR-1262-1

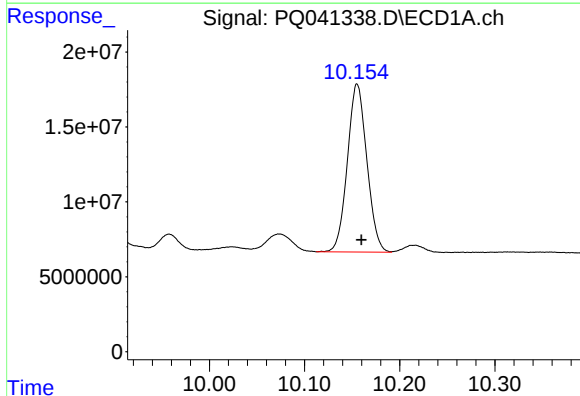
R.T.: 9.564 min
Delta R.T.: -0.004 min
Response: 64870437
Conc: 108.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



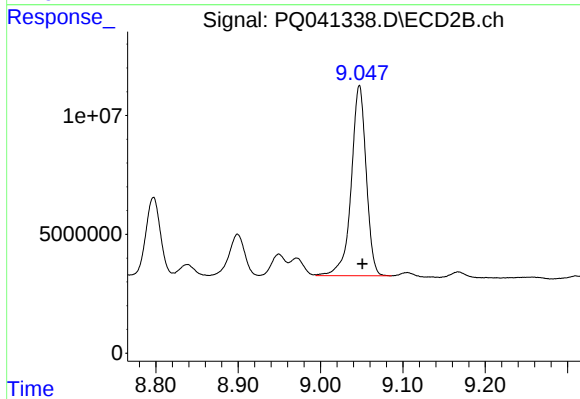
#36 AR-1262-1

R.T.: 8.523 min
Delta R.T.: -0.003 min
Response: 49625758
Conc: 123.42 ng/ml



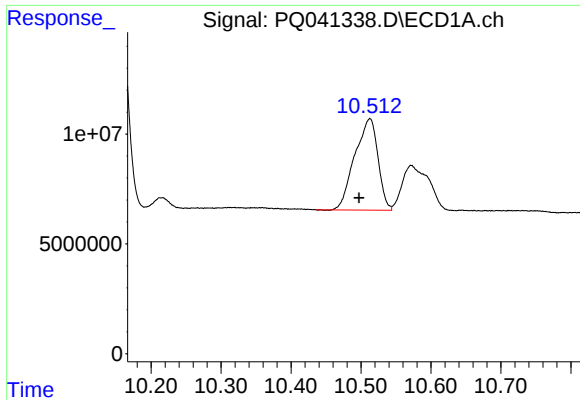
#37 AR-1262-2

R.T.: 10.155 min
Delta R.T.: -0.004 min
Response: 159383706
Conc: 136.86 ng/ml



#37 AR-1262-2

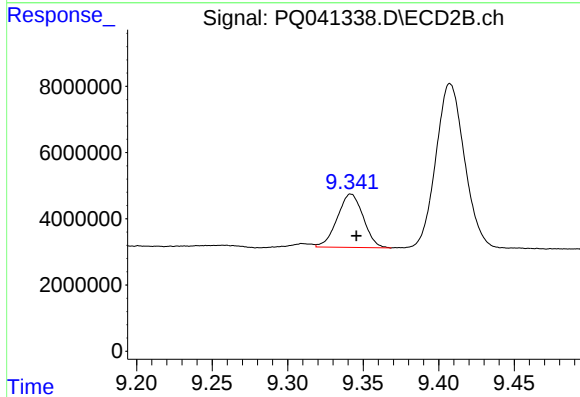
R.T.: 9.047 min
Delta R.T.: -0.004 min
Response: 100932609
Conc: 145.70 ng/ml



#38 AR-1262-3

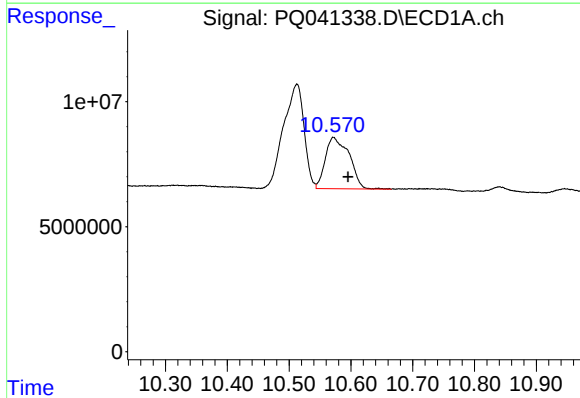
R.T.: 10.513 min
Delta R.T.: 0.015 min
Response: 96049877
Conc: 121.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



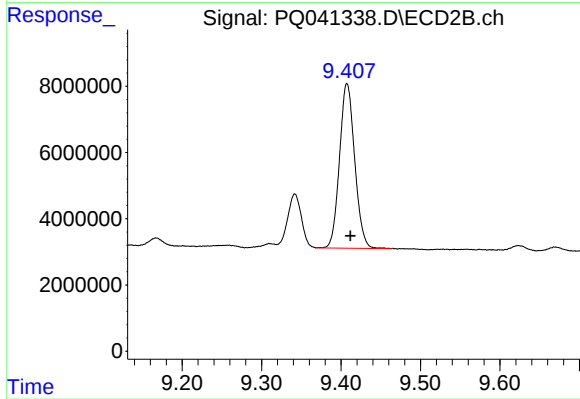
#38 AR-1262-3

R.T.: 9.342 min
Delta R.T.: -0.003 min
Response: 19299164
Conc: 72.09 ng/ml



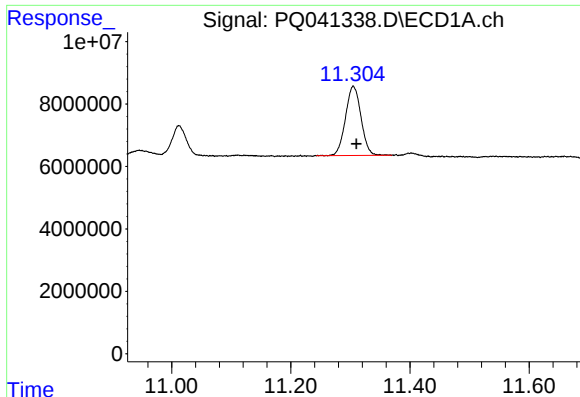
#39 AR-1262-4

R.T.: 10.572 min
Delta R.T.: -0.024 min
Response: 54976967
Conc: 89.61 ng/ml



#39 AR-1262-4

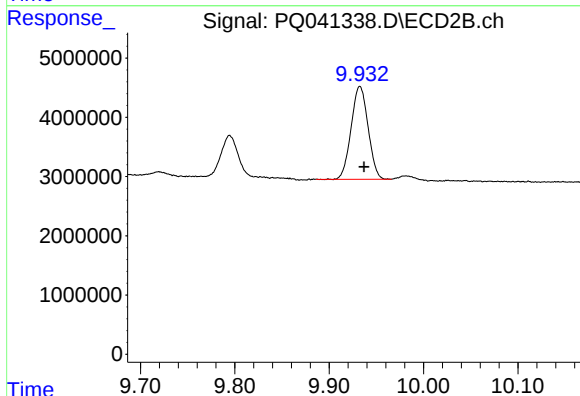
R.T.: 9.408 min
Delta R.T.: -0.004 min
Response: 66102633
Conc: 141.91 ng/ml



#40 AR-1262-5

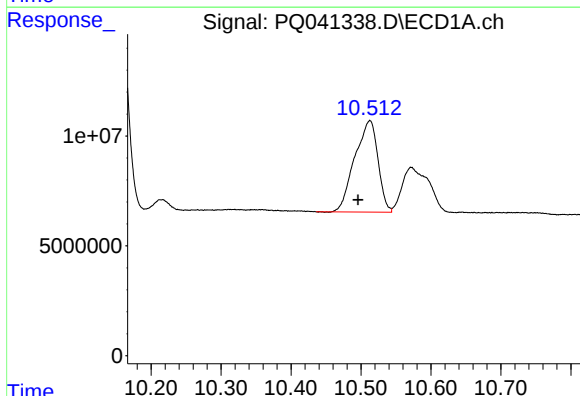
R.T.: 11.305 min
Delta R.T.: -0.005 min
Response: 40059903
Conc: 83.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



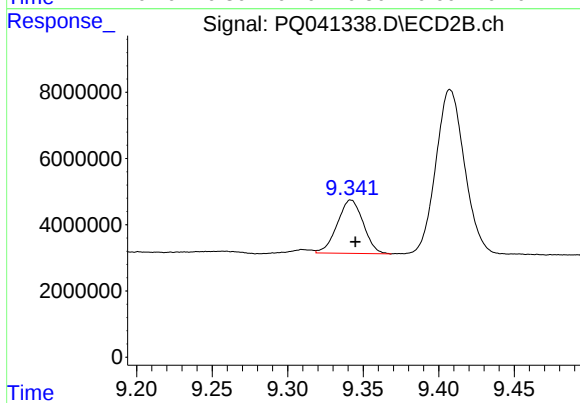
#40 AR-1262-5

R.T.: 9.933 min
Delta R.T.: -0.004 min
Response: 19578048
Conc: 90.91 ng/ml



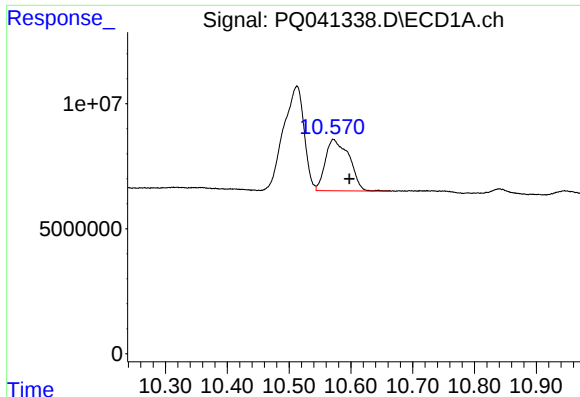
#41 AR-1268-1

R.T.: 10.513 min
Delta R.T.: 0.017 min
Response: 96049877
Conc: 69.29 ng/ml



#41 AR-1268-1

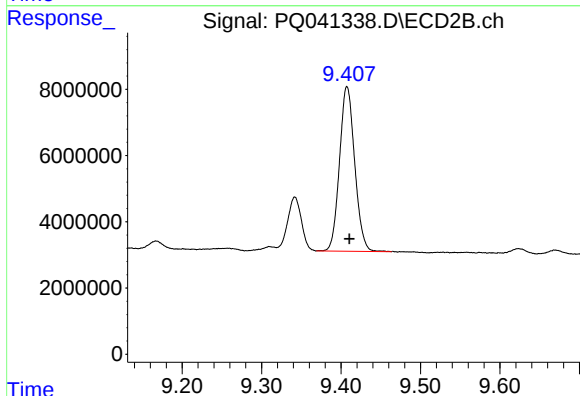
R.T.: 9.342 min
Delta R.T.: -0.003 min
Response: 19299164
Conc: 26.90 ng/ml



#42 AR-1268-2

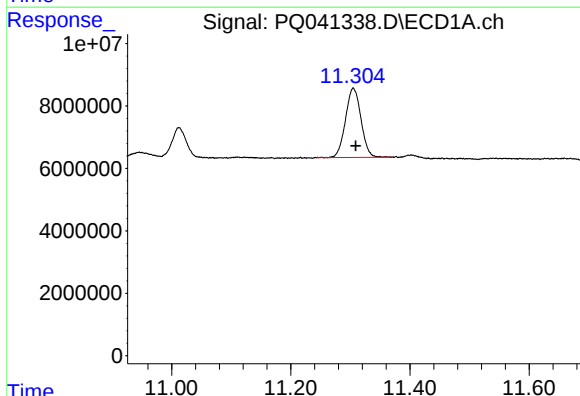
R.T.: 10.572 min
Delta R.T.: -0.025 min
Response: 54976967
Conc: 43.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



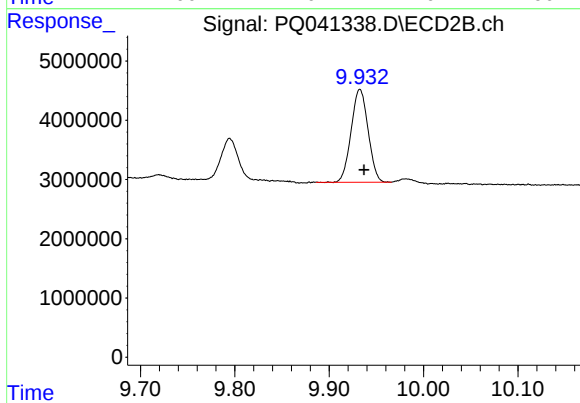
#42 AR-1268-2

R.T.: 9.408 min
Delta R.T.: -0.003 min
Response: 66102633
Conc: 105.46 ng/ml



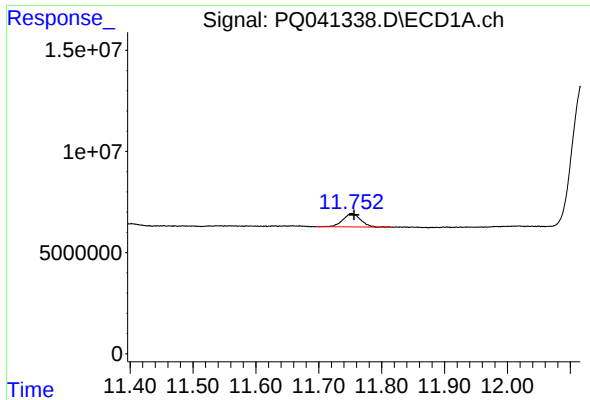
#44 AR-1268-4

R.T.: 11.305 min
Delta R.T.: -0.004 min
Response: 40059903
Conc: 80.33 ng/ml



#44 AR-1268-4

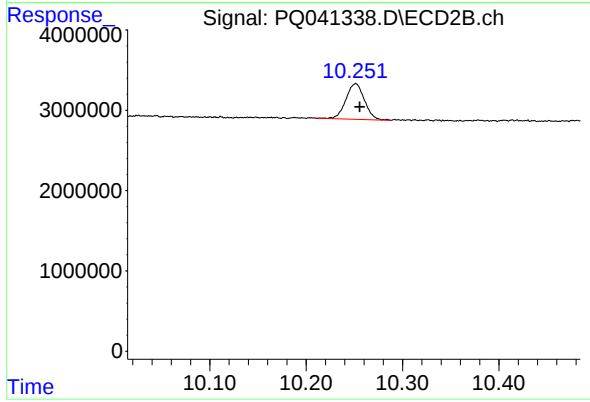
R.T.: 9.933 min
Delta R.T.: -0.004 min
Response: 19578048
Conc: 89.31 ng/ml



#45 AR-1268-5

R.T.: 11.753 min
Delta R.T.: -0.004 min
Response: 12921382
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-11(8-10)MSD



#45 AR-1268-5

R.T.: 10.251 min
Delta R.T.: -0.004 min
Response: 5914525
Conc: 4.19 ng/ml