

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
 Data File : PQ054297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 13:44
 Operator : AJ\MA
 Sample : M3531-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 14:06:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.204	4.211	337.9E6	214.0E6	14.472	15.140
2)	SA Decachlor...	11.379	9.548	179.2E6	142.8E6	10.653	11.321
Target Compounds							
3)	L1 AR-1016-1	6.529	5.457	7471770	5431131	10.194	11.997
4)	L1 AR-1016-2	6.529f	5.499	7471770	2415737	6.652	3.259 #
5)	L1 AR-1016-3	0.000	5.706f	0	3308596	N.D.	9.178 #
6)	L1 AR-1016-4	0.000	5.734	0	4330414	N.D.	15.172 #
7)	L1 AR-1016-5	7.041	5.964	6070181	5489459	11.214	15.066 #
8)	L2 AR-1221-1	0.000	4.457	0	437787	N.D.	3.073 #
9)	L2 AR-1221-2	5.559	4.541f	5812362	24828092	32.087	235.357 #
12)	L3 AR-1232-2	0.000	5.499	0	2415737	N.D.	8.341 #
13)	L3 AR-1232-3	6.529f	5.706f	7471770	3308596	17.413	24.938 #
14)	L3 AR-1232-4	0.000	5.779	0	1488052	N.D.	13.041 #
15)	L3 AR-1232-5	6.820	5.964	5561784	5489459	34.223	42.715
16)	L4 AR-1242-1	6.529	5.457f	7471770	5431131	16.271	19.975
17)	L4 AR-1242-2	6.529f	5.499	7471770	2415737	10.601	5.133 #
18)	L4 AR-1242-3	0.000	5.706f	0	3308596	N.D.	14.997 #
19)	L4 AR-1242-4	0.000	5.779	0	1488052	N.D.	6.878 #
20)	L4 AR-1242-5	7.510	6.345	6691363	21370699	18.176	72.039 #
21)	L5 AR-1248-1	6.529	5.457f	7471770	5431131	20.141	24.072
22)	L5 AR-1248-2	6.820	5.734	5561784	4330414	10.618	13.194
23)	L5 AR-1248-3	7.041	5.779	6070181	1488052	10.228	4.500 #
24)	L5 AR-1248-4	7.467	5.964	11899680	5489459	17.914	13.832
25)	L5 AR-1248-5	7.510	6.387	6691363	2038543	10.277	5.115 #
26)	L6 AR-1254-1	7.438	6.345	22638278	21370699	32.031	31.957
27)	L6 AR-1254-2	7.665	6.502	38855889	21704087	35.486	35.299
28)	L6 AR-1254-3	8.050	6.923	52908646	42098520	44.987	43.600
29)	L6 AR-1254-4	8.344	7.162	43935342	28928514	49.851	43.407
30)	L6 AR-1254-5	8.797f	7.590	365.1E6	320.9E6	374.110	328.980
31)	L7 AR-1260-1	8.214	7.060	43358796	22194104	44.161	29.609 #
32)	L7 AR-1260-2	8.478	7.256	78085891	20499848	68.776	19.625 #
33)	L7 AR-1260-3	8.840	7.410	8021551	19284804	11.340	22.159 #
34)	L7 AR-1260-4	9.082	7.894	27531524	5899277	31.122	9.475 #
35)	L7 AR-1260-5	9.431	8.141	17752374	12818271	10.545	7.481 #
36)	L8 AR-1262-1	8.840	7.590	8021551	320.9E6	8.110	709.986 #
37)	L8 AR-1262-2	9.431	8.141	17752374	12818271	9.835	6.807 #
38)	L8 AR-1262-3	9.790f	8.429	12376005	2467274	10.101	3.214 #
39)	L8 AR-1262-4	9.842f	8.490	4484963	14048868	4.954	11.238 #
40)	L8 AR-1262-5	10.574	8.995	13762120	5942292	20.763	10.296 #
41)	L9 AR-1268-1	9.790f	8.429	12376005	2467274	5.868	1.094 #
42)	L9 AR-1268-2	9.842f	8.490	4484963	14048868	2.325	7.521 #
43)	L9 AR-1268-3	10.108	8.702	17634547	4938087	10.954	2.954 #

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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	10.574	8.995	13762120	5942292	18.815	9.112 #
45) L9	AR-1268-5	11.018	9.292	12015016	9496217	2.203	2.015

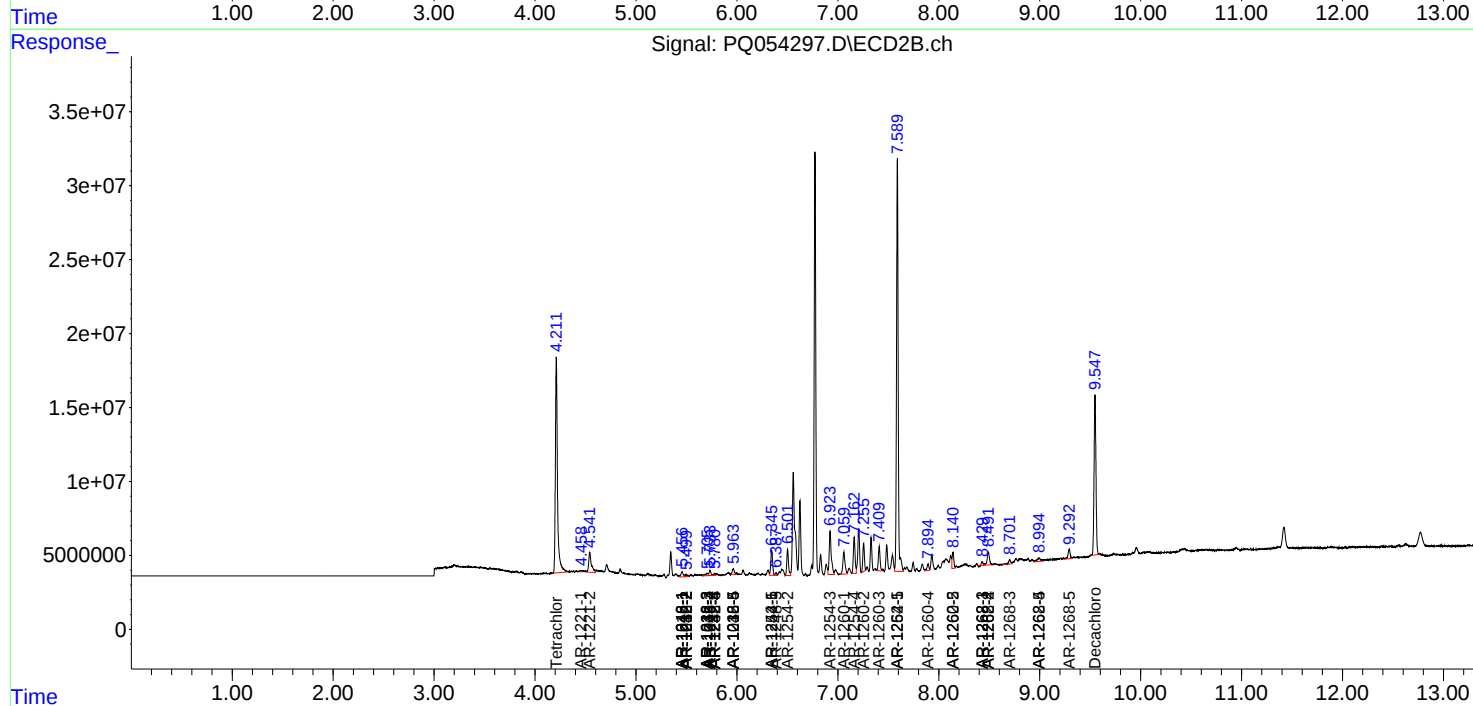
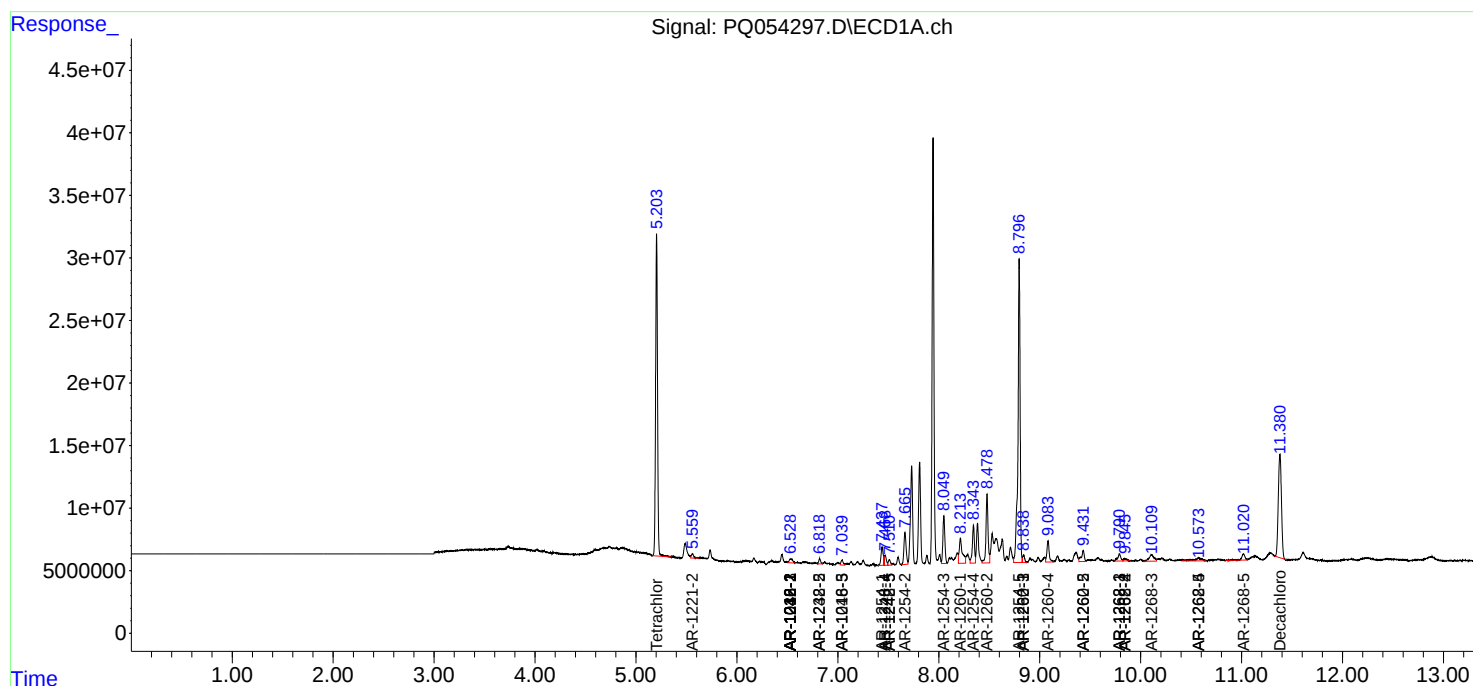
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

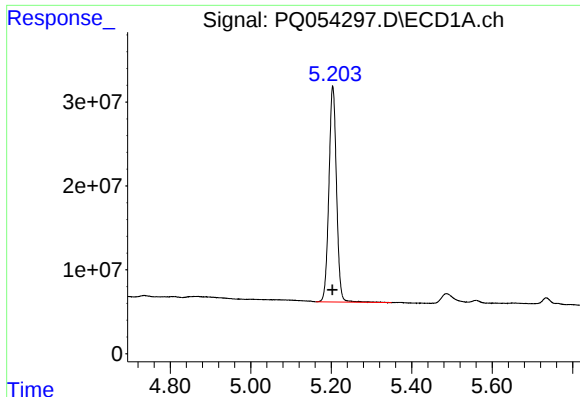
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

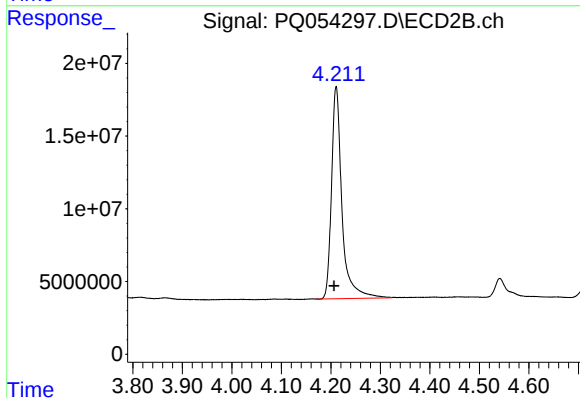




#1 Tetrachloro-m-xylene

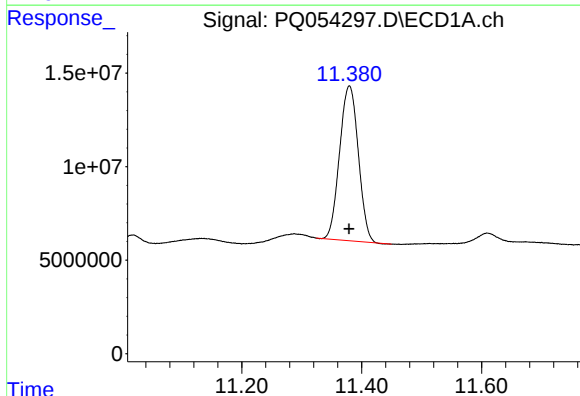
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 337948567
Conc: 14.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



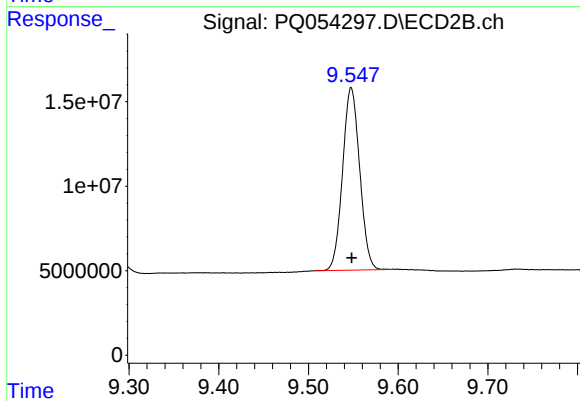
#1 Tetrachloro-m-xylene

R.T.: 4.211 min
Delta R.T.: 0.004 min
Response: 214033018
Conc: 15.14 ng/ml



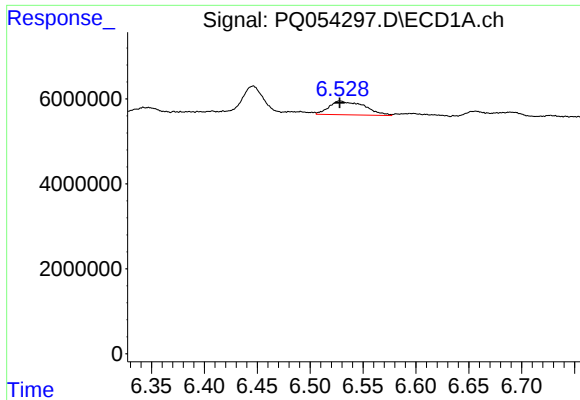
#2 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 179243894
Conc: 10.65 ng/ml



#2 Decachlorobiphenyl

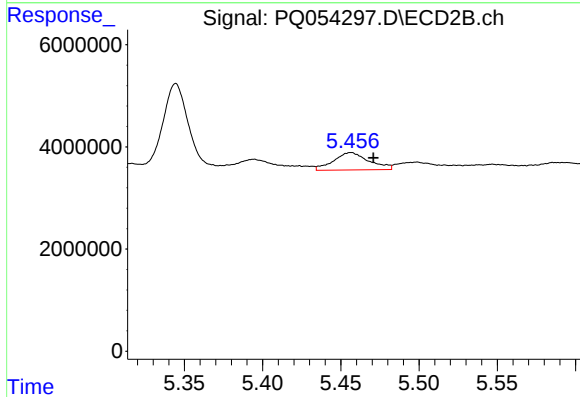
R.T.: 9.548 min
Delta R.T.: 0.000 min
Response: 142797366
Conc: 11.32 ng/ml



#3 AR-1016-1

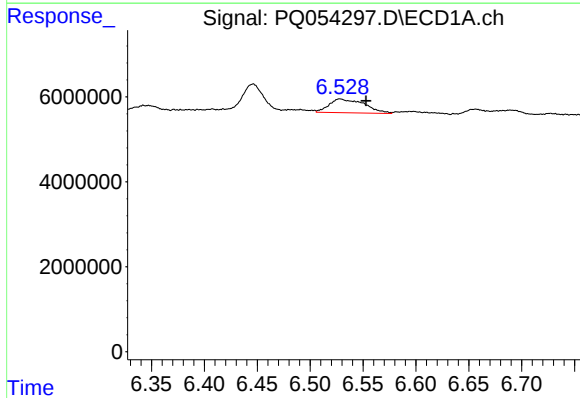
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 7471770
Conc: 10.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



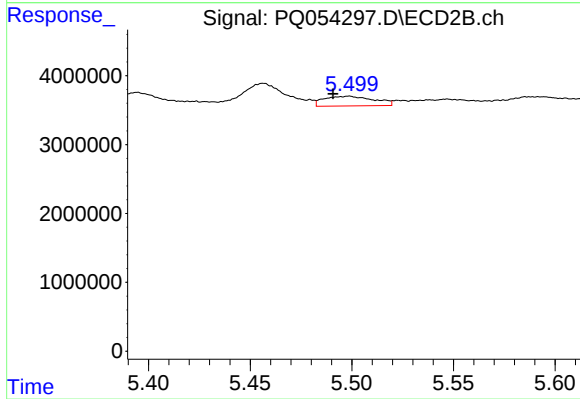
#3 AR-1016-1

R.T.: 5.457 min
Delta R.T.: -0.014 min
Response: 5431131
Conc: 12.00 ng/ml



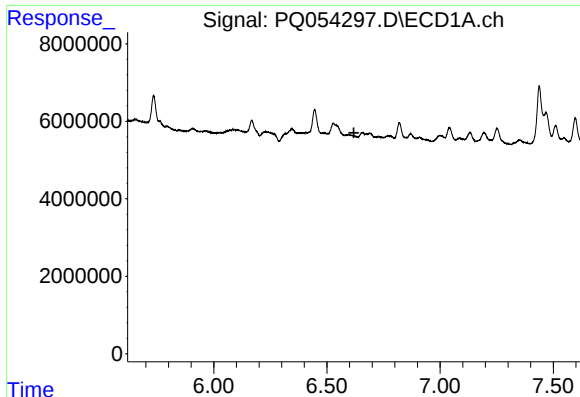
#4 AR-1016-2

R.T.: 6.529 min
Delta R.T.: -0.024 min
Response: 7471770
Conc: 6.65 ng/ml



#4 AR-1016-2

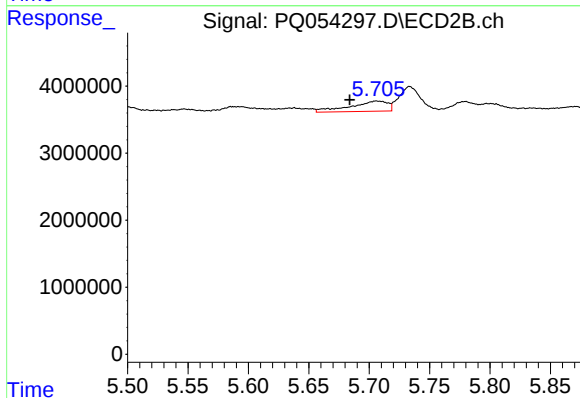
R.T.: 5.499 min
Delta R.T.: 0.008 min
Response: 2415737
Conc: 3.26 ng/ml



#5 AR-1016-3

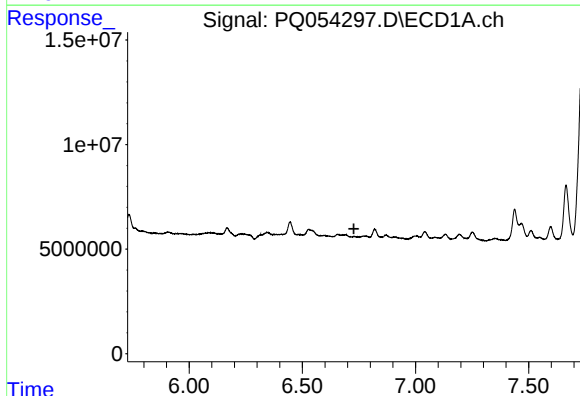
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



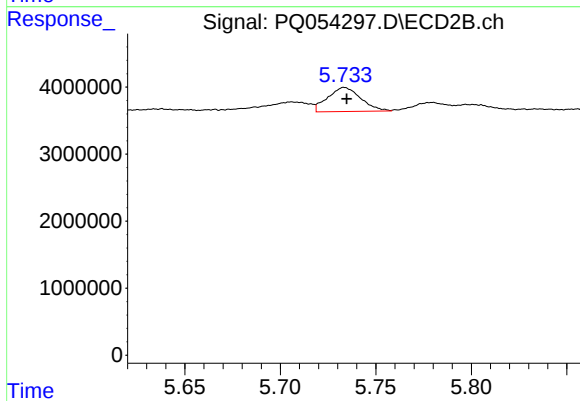
#5 AR-1016-3

R.T.: 5.706 min
Delta R.T.: 0.022 min
Response: 3308596
Conc: 9.18 ng/ml



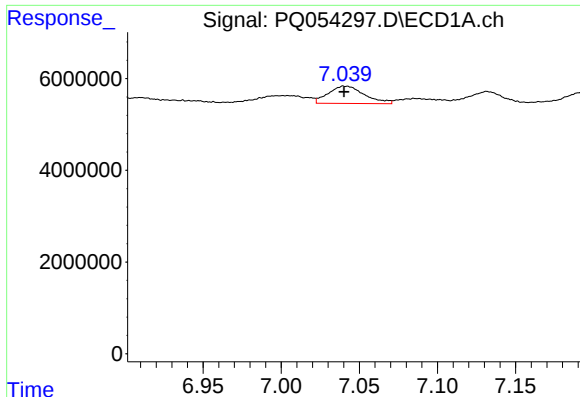
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

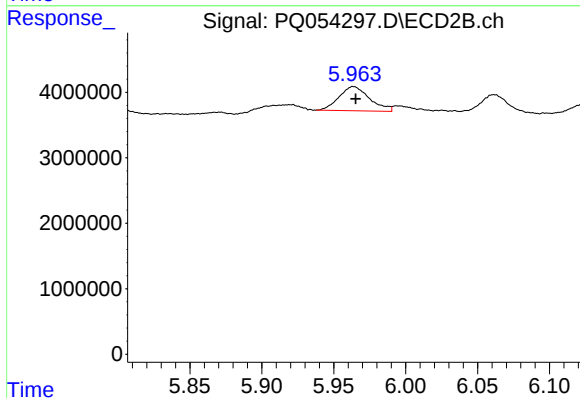
R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 4330414
Conc: 15.17 ng/ml



#7 AR-1016-5

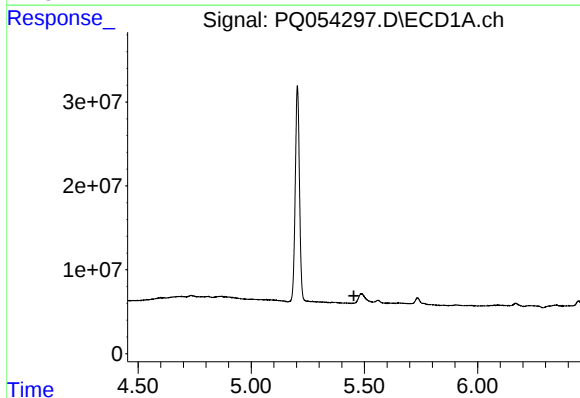
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 6070181
Conc: 11.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



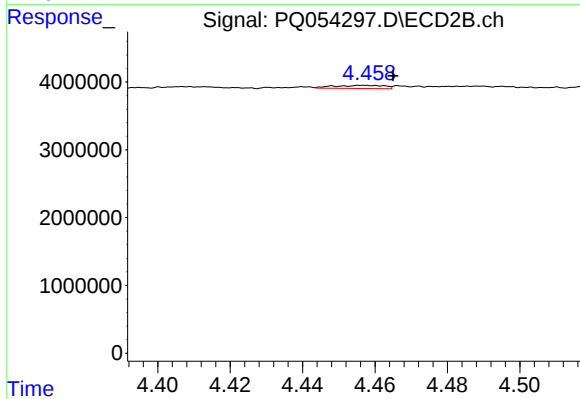
#7 AR-1016-5

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 5489459
Conc: 15.07 ng/ml



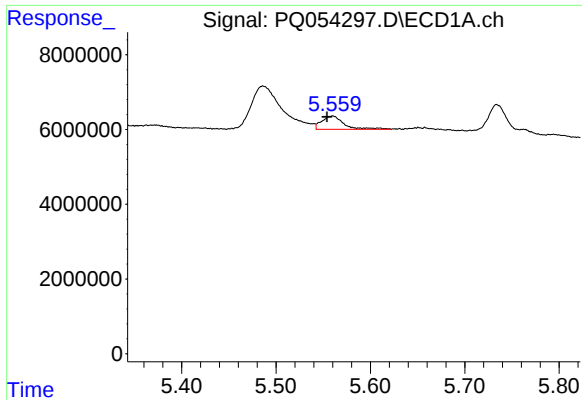
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#8 AR-1221-1

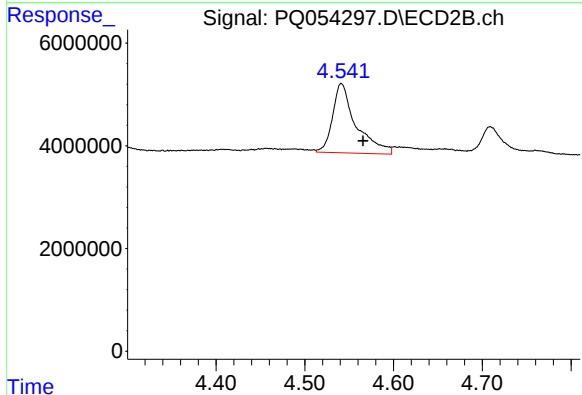
R.T.: 4.457 min
Delta R.T.: -0.008 min
Response: 437787
Conc: 3.07 ng/ml



#9 AR-1221-2

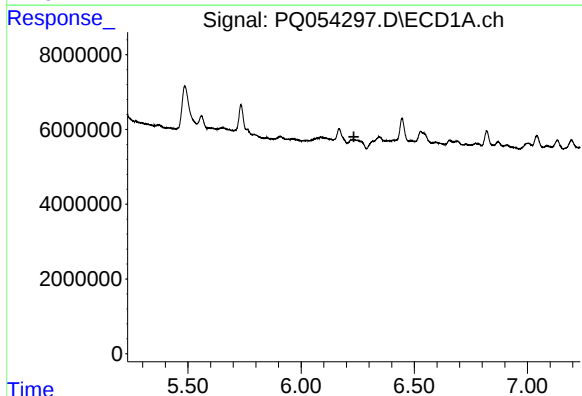
R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 5812362
Conc: 32.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



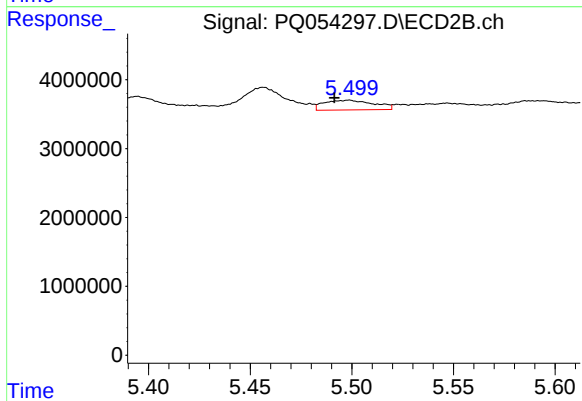
#9 AR-1221-2

R.T.: 4.541 min
Delta R.T.: -0.025 min
Response: 24828092
Conc: 235.36 ng/ml



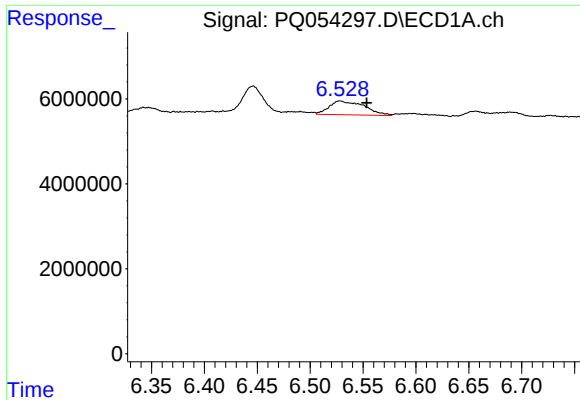
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

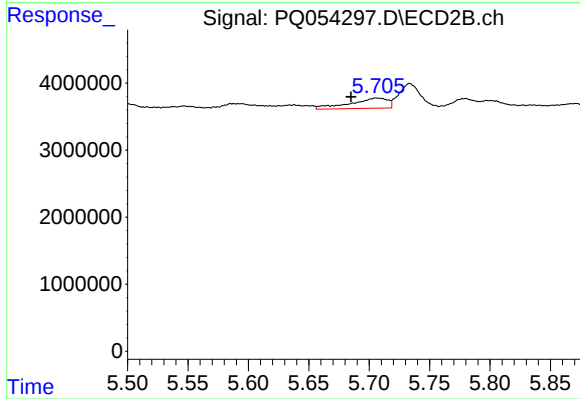
R.T.: 5.499 min
Delta R.T.: 0.007 min
Response: 2415737
Conc: 8.34 ng/ml



#13 AR-1232-3

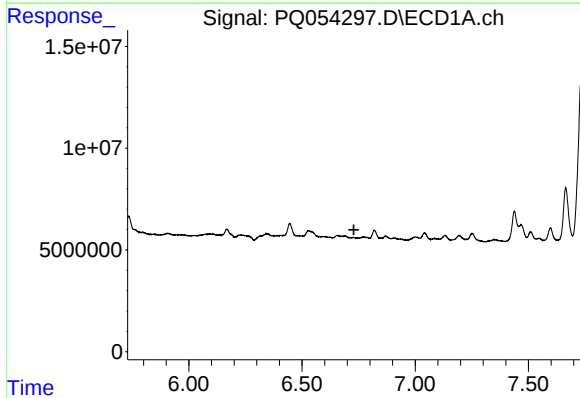
R.T.: 6.529 min
Delta R.T.: -0.025 min
Response: 7471770
Conc: 17.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



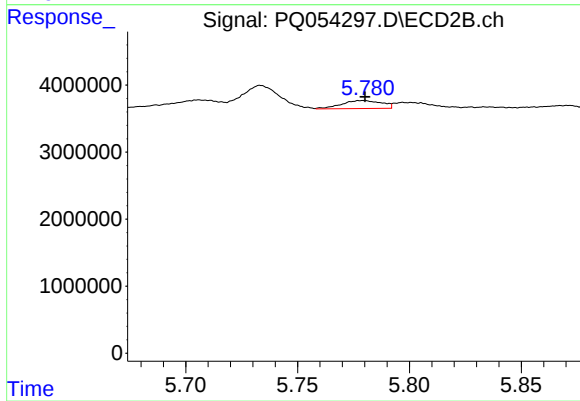
#13 AR-1232-3

R.T.: 5.706 min
Delta R.T.: 0.021 min
Response: 3308596
Conc: 24.94 ng/ml



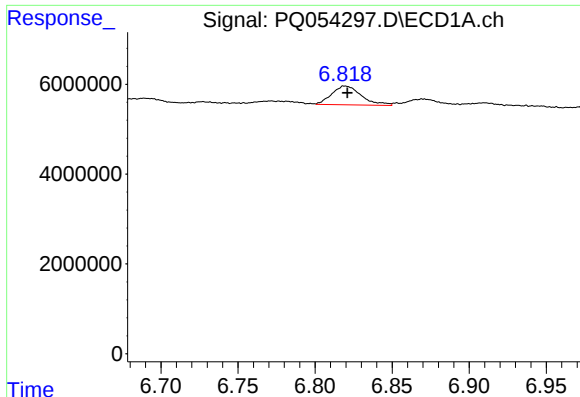
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

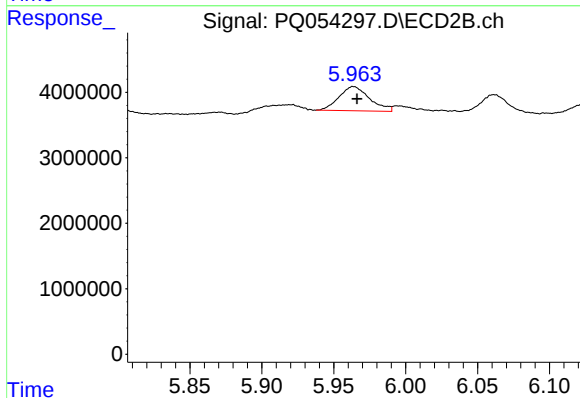
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 1488052
Conc: 13.04 ng/ml



#15 AR-1232-5

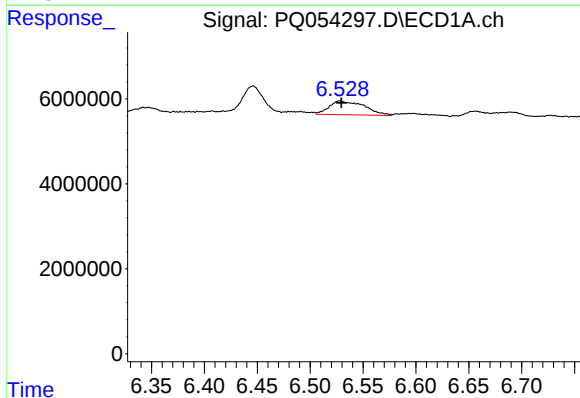
R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 5561784
Conc: 34.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



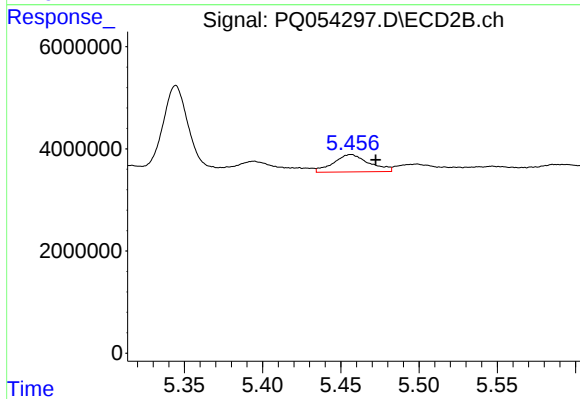
#15 AR-1232-5

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 5489459
Conc: 42.72 ng/ml



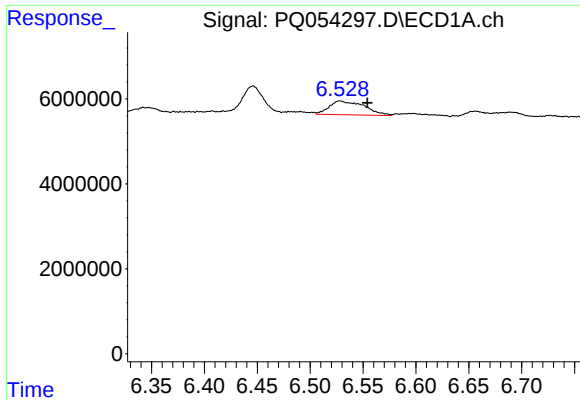
#16 AR-1242-1

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 7471770
Conc: 16.27 ng/ml



#16 AR-1242-1

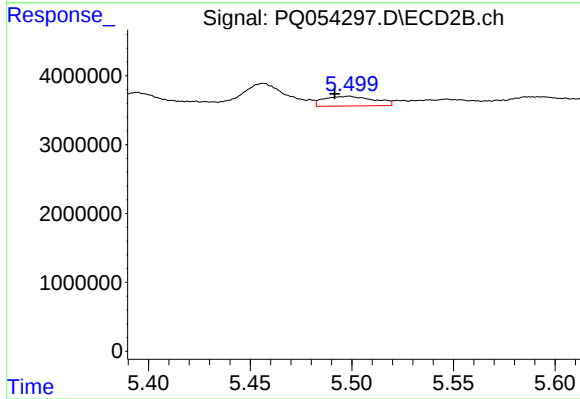
R.T.: 5.457 min
Delta R.T.: -0.016 min
Response: 5431131
Conc: 19.97 ng/ml



#17 AR-1242-2

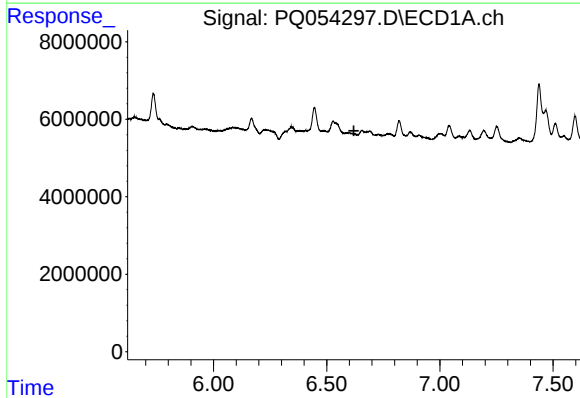
R.T.: 6.529 min
Delta R.T.: -0.026 min
Response: 7471770
Conc: 10.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



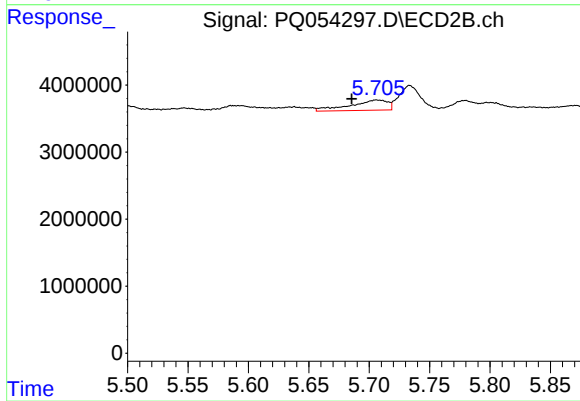
#17 AR-1242-2

R.T.: 5.499 min
Delta R.T.: 0.007 min
Response: 2415737
Conc: 5.13 ng/ml



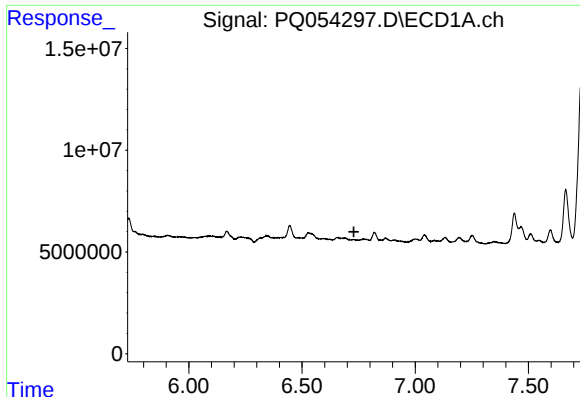
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

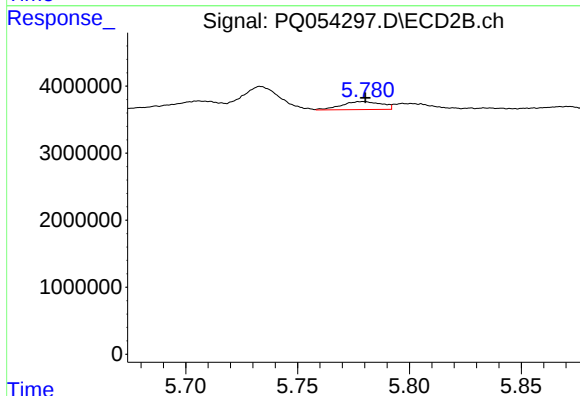
R.T.: 5.706 min
Delta R.T.: 0.021 min
Response: 3308596
Conc: 15.00 ng/ml



#19 AR-1242-4

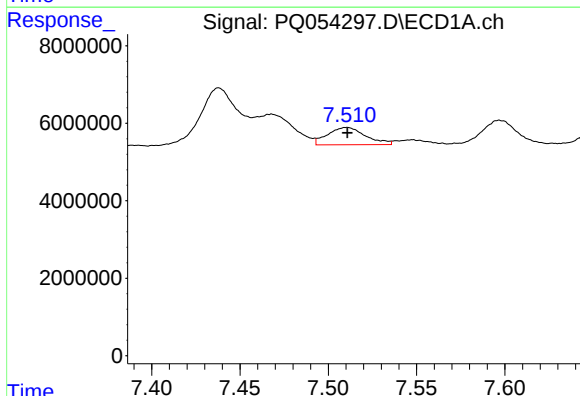
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



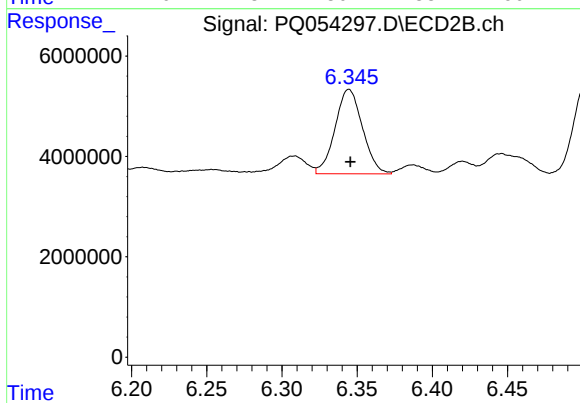
#19 AR-1242-4

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1488052
Conc: 6.88 ng/ml



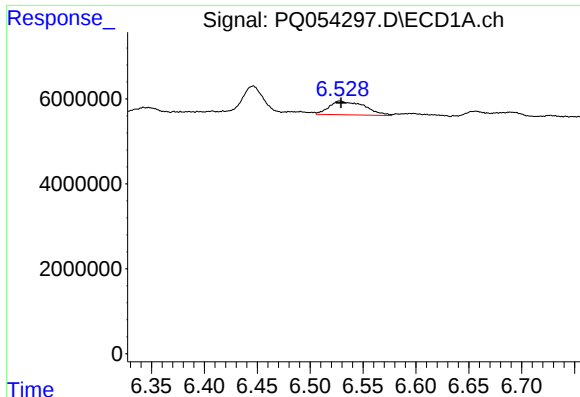
#20 AR-1242-5

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 6691363
Conc: 18.18 ng/ml



#20 AR-1242-5

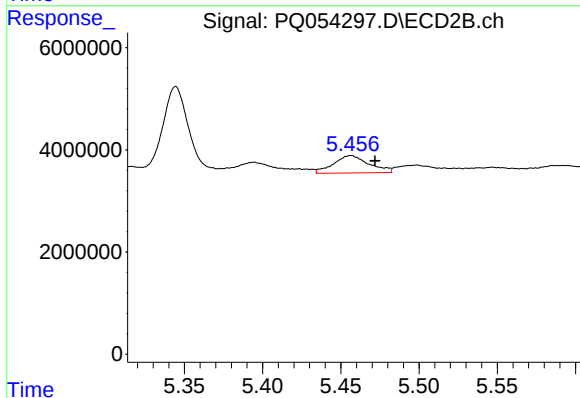
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 21370699
Conc: 72.04 ng/ml



#21 AR-1248-1

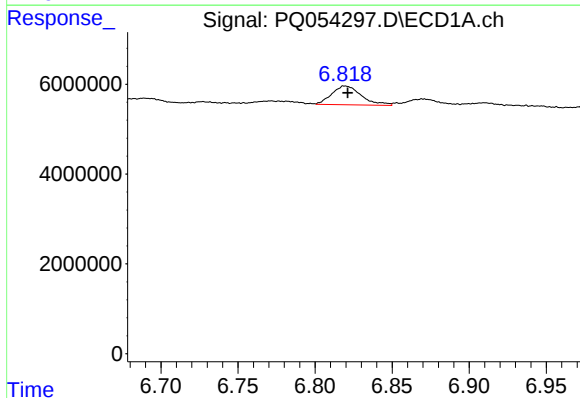
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 7471770
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



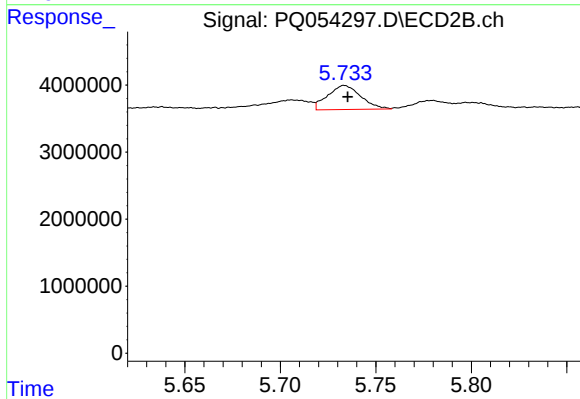
#21 AR-1248-1

R.T.: 5.457 min
Delta R.T.: -0.015 min
Response: 5431131
Conc: 24.07 ng/ml



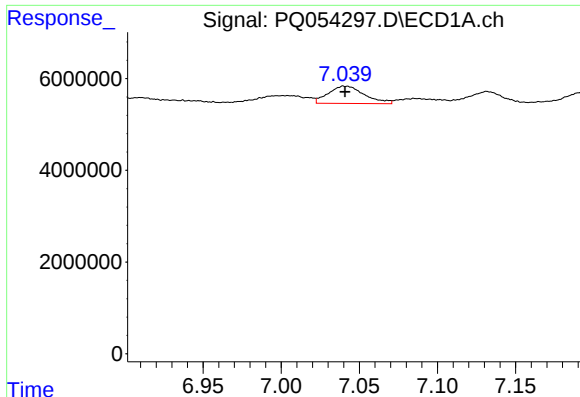
#22 AR-1248-2

R.T.: 6.820 min
Delta R.T.: -0.001 min
Response: 5561784
Conc: 10.62 ng/ml



#22 AR-1248-2

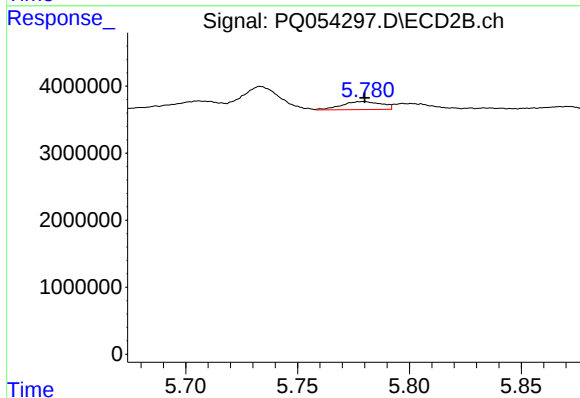
R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 4330414
Conc: 13.19 ng/ml



#23 AR-1248-3

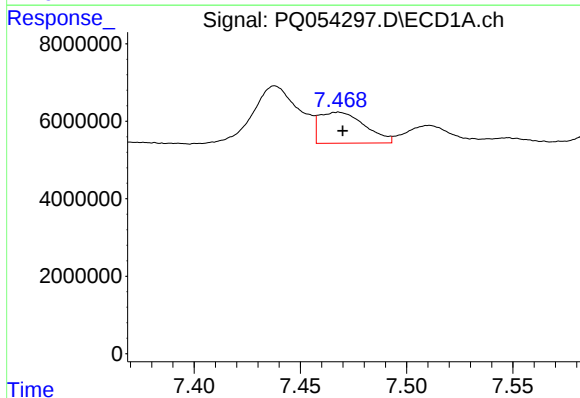
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 6070181
Conc: 10.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



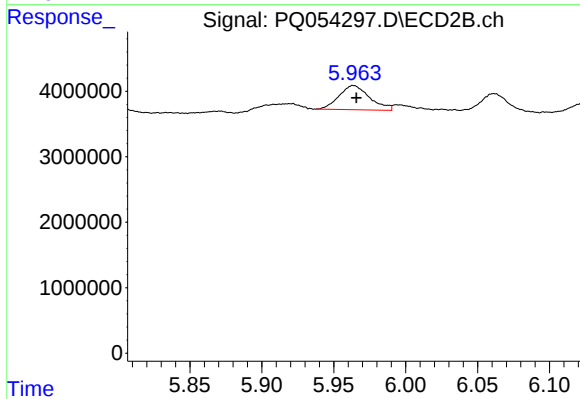
#23 AR-1248-3

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 1488052
Conc: 4.50 ng/ml



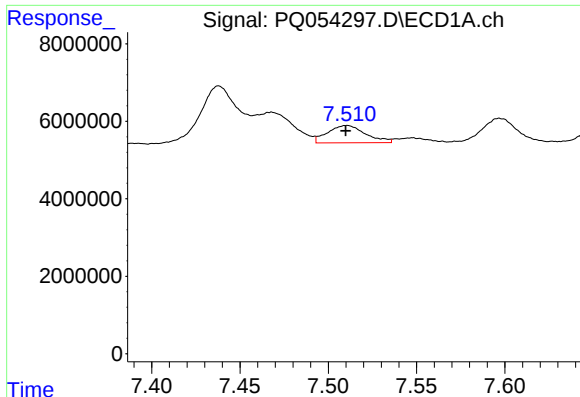
#24 AR-1248-4

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 11899680
Conc: 17.91 ng/ml



#24 AR-1248-4

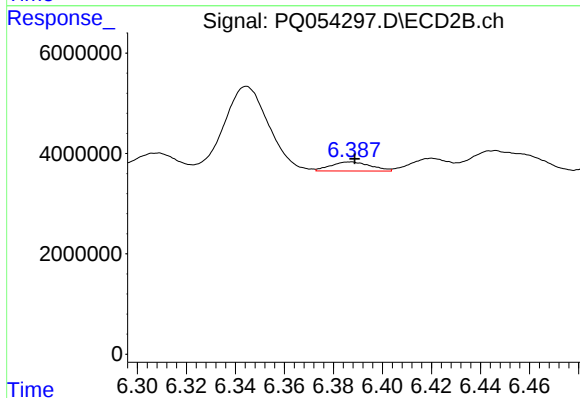
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 5489459
Conc: 13.83 ng/ml



#25 AR-1248-5

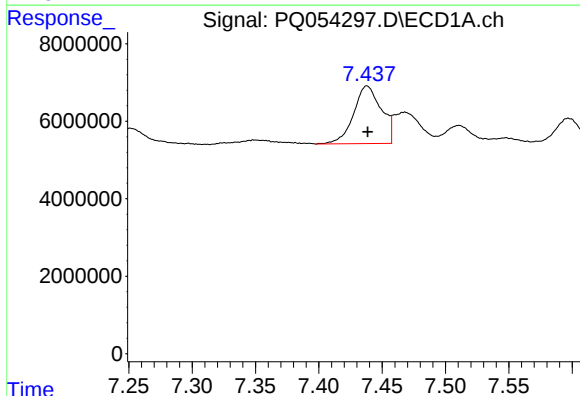
R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 6691363
Conc: 10.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



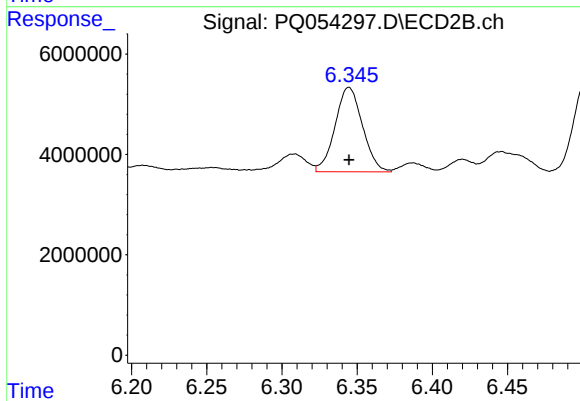
#25 AR-1248-5

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2038543
Conc: 5.11 ng/ml



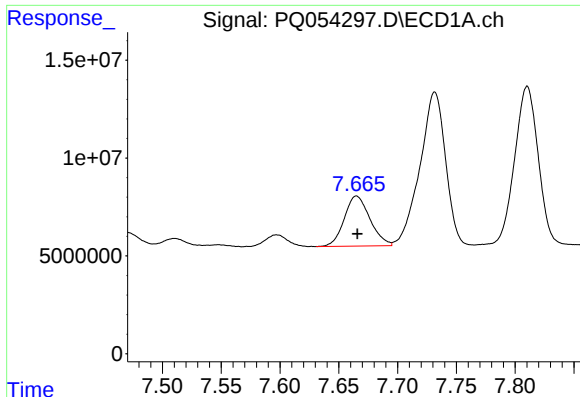
#26 AR-1254-1

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 22638278
Conc: 32.03 ng/ml



#26 AR-1254-1

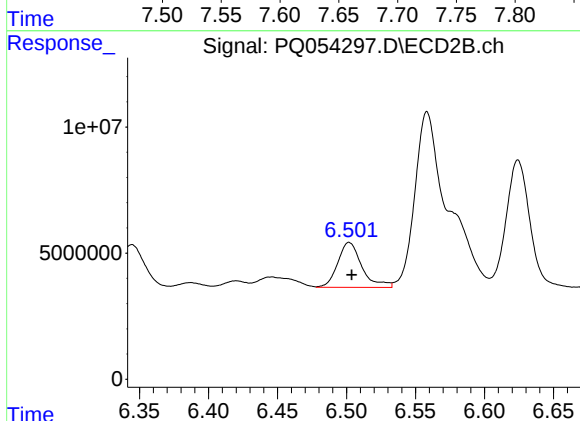
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 21370699
Conc: 31.96 ng/ml



#27 AR-1254-2

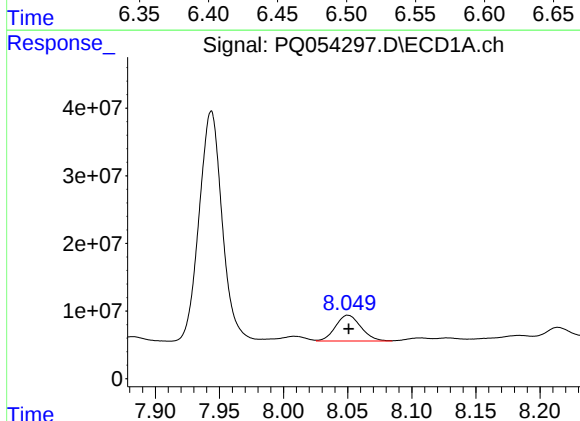
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 38855889
Conc: 35.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



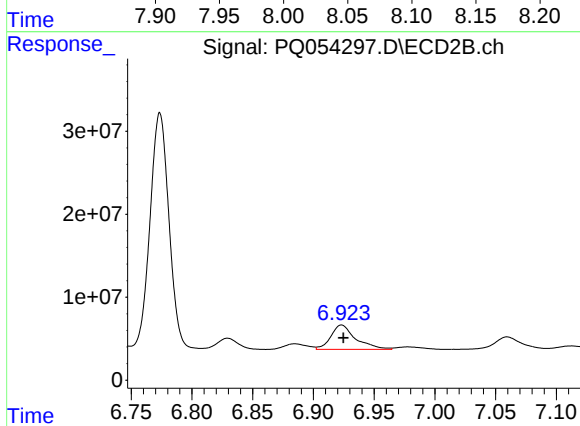
#27 AR-1254-2

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 21704087
Conc: 35.30 ng/ml



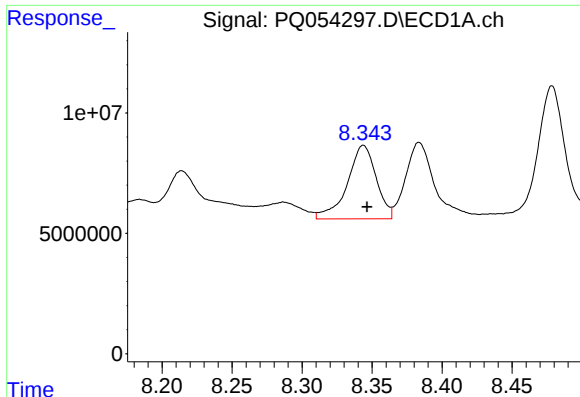
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 52908646
Conc: 44.99 ng/ml



#28 AR-1254-3

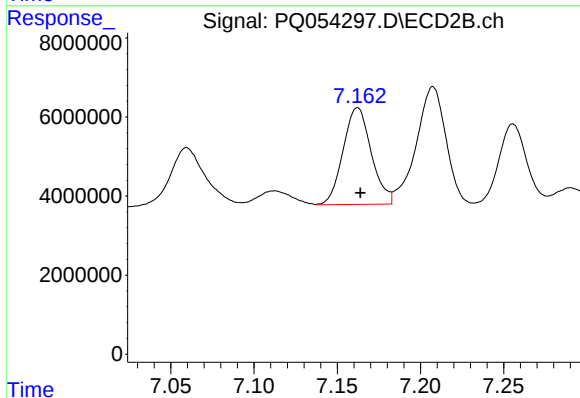
R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 42098520
Conc: 43.60 ng/ml



#29 AR-1254-4

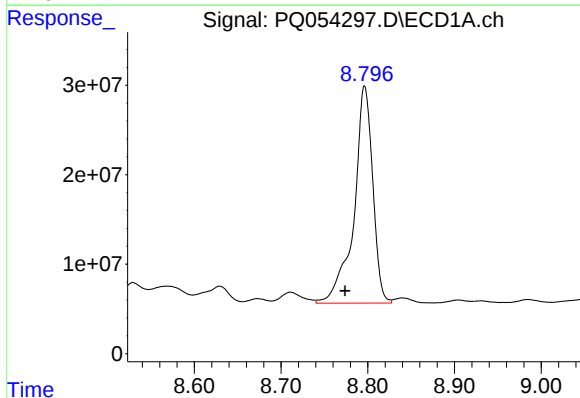
R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 43935342
Conc: 49.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



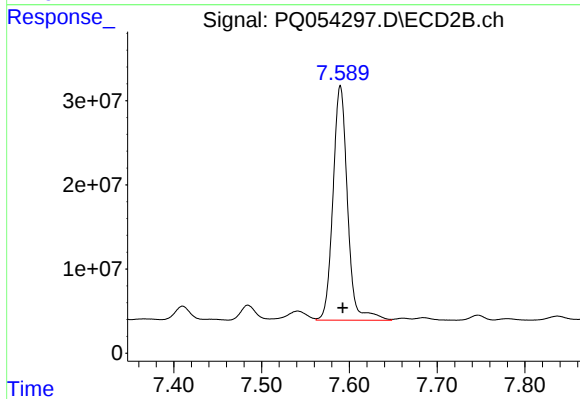
#29 AR-1254-4

R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 28928514
Conc: 43.41 ng/ml



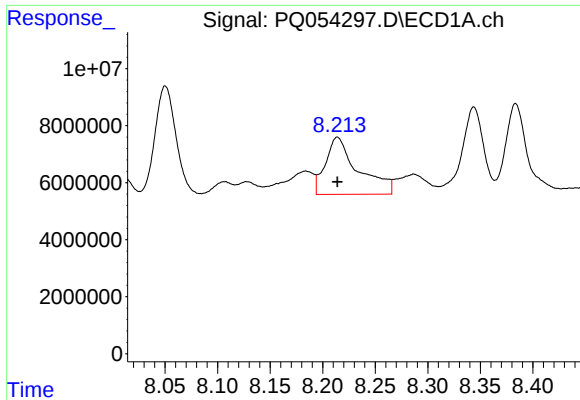
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.023 min
Response: 365062336
Conc: 374.11 ng/ml



#30 AR-1254-5

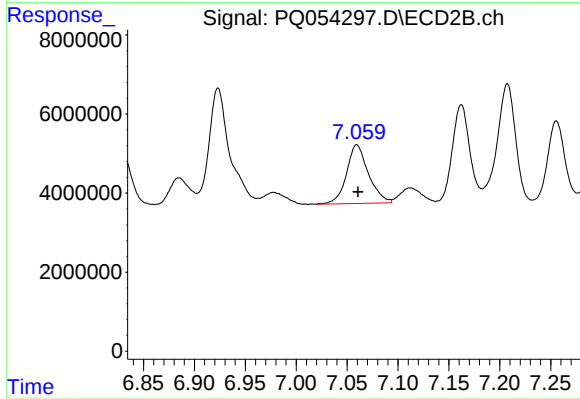
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 320865503
Conc: 328.98 ng/ml



#31 AR-1260-1

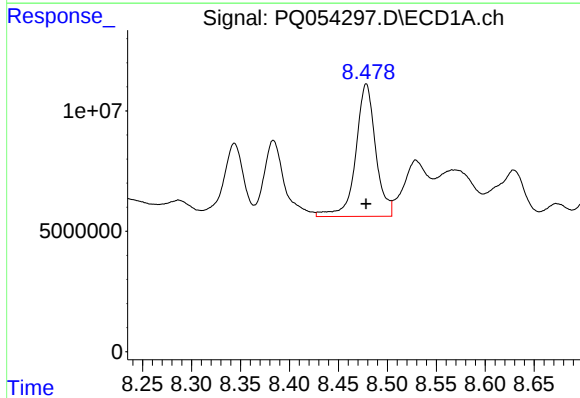
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 43358796
Conc: 44.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



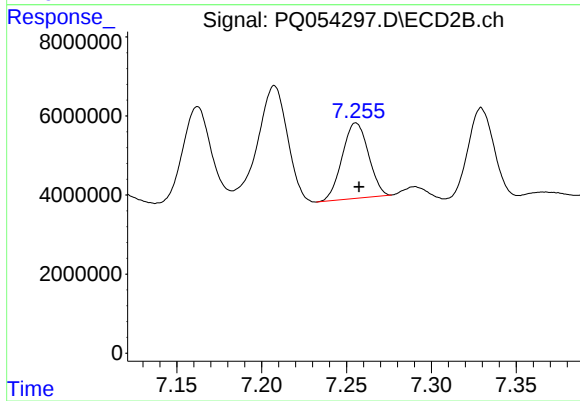
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: -0.001 min
Response: 22194104
Conc: 29.61 ng/ml



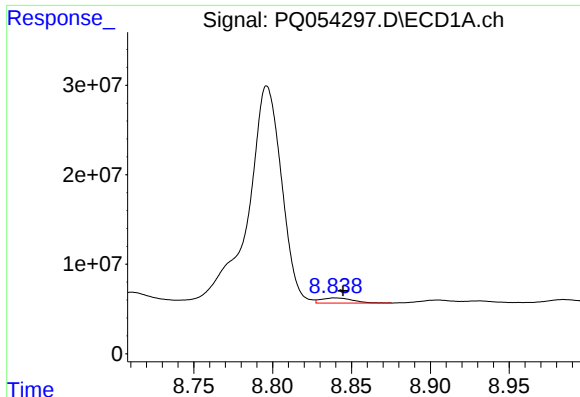
#32 AR-1260-2

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 78085891
Conc: 68.78 ng/ml



#32 AR-1260-2

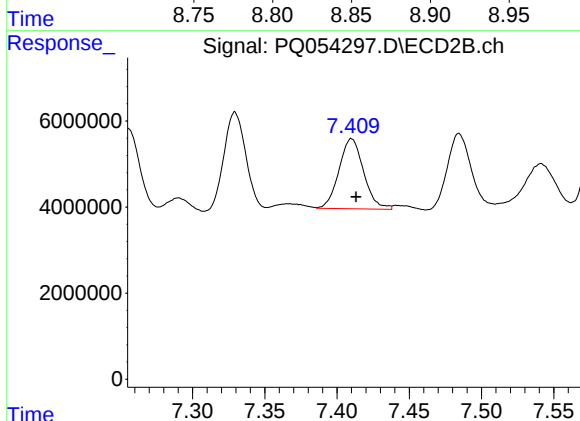
R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 20499848
Conc: 19.63 ng/ml



#33 AR-1260-3

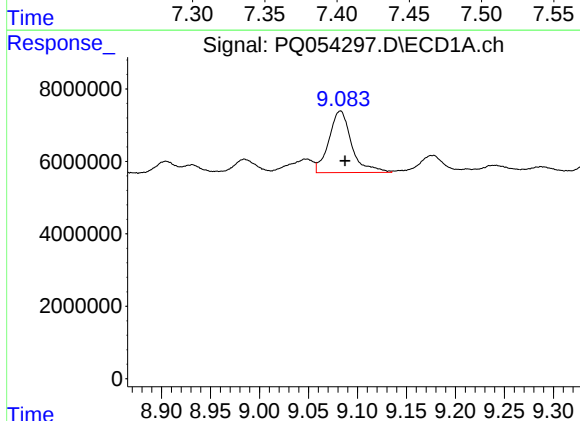
R.T.: 8.840 min
Delta R.T.: -0.005 min
Response: 8021551
Conc: 11.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



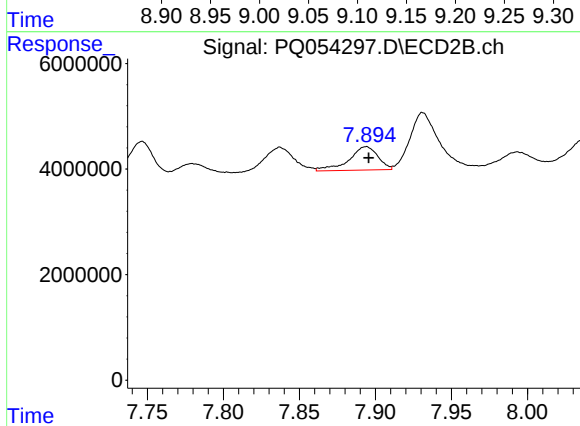
#33 AR-1260-3

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 19284804
Conc: 22.16 ng/ml



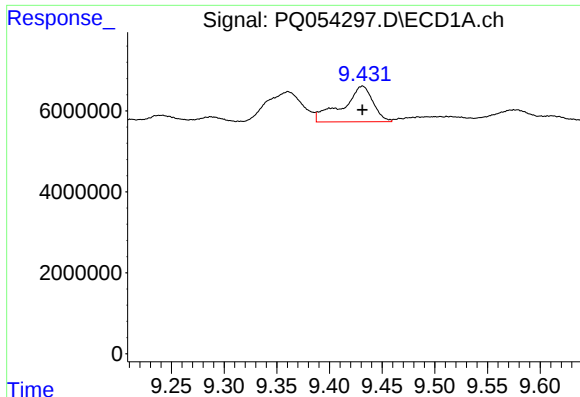
#34 AR-1260-4

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 27531524
Conc: 31.12 ng/ml



#34 AR-1260-4

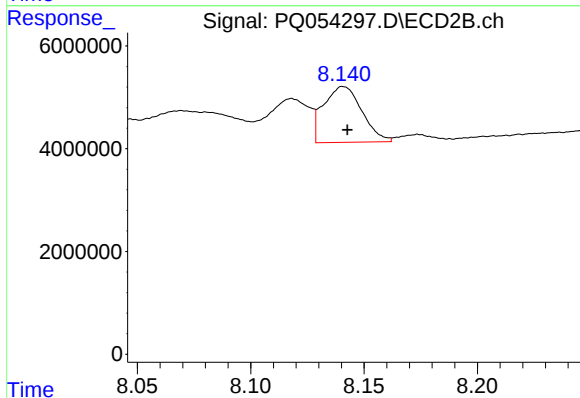
R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 5899277
Conc: 9.47 ng/ml



#35 AR-1260-5

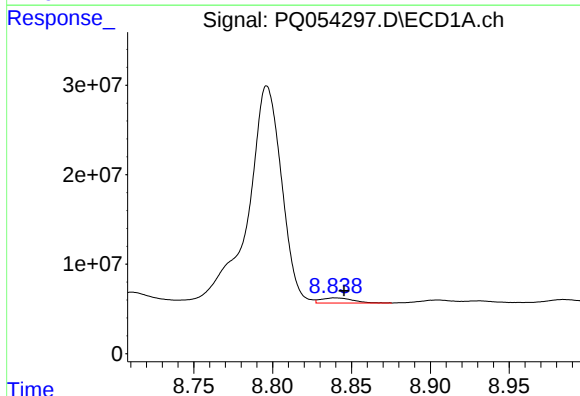
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 17752374
Conc: 10.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



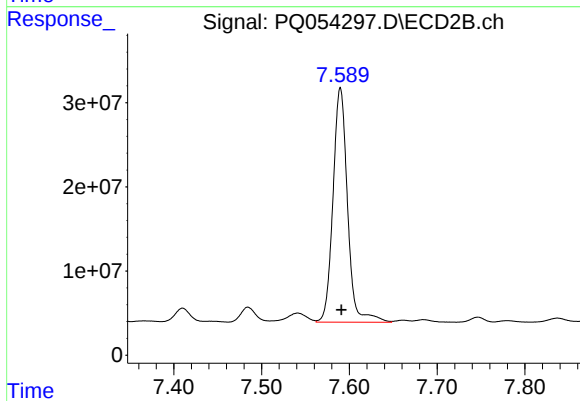
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 12818271
Conc: 7.48 ng/ml



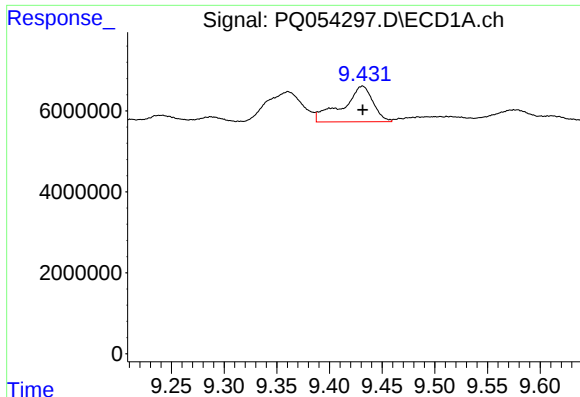
#36 AR-1262-1

R.T.: 8.840 min
Delta R.T.: -0.005 min
Response: 8021551
Conc: 8.11 ng/ml



#36 AR-1262-1

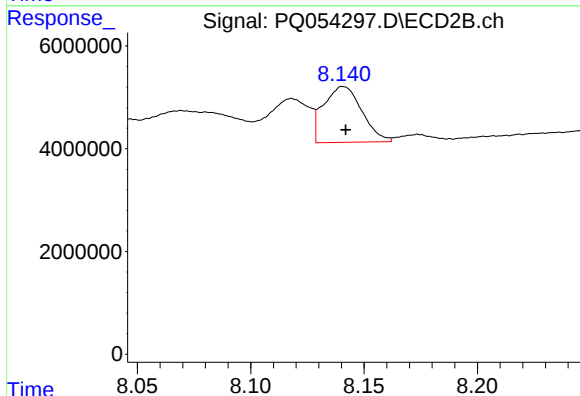
R.T.: 7.590 min
Delta R.T.: -0.001 min
Response: 320865503
Conc: 709.99 ng/ml



#37 AR-1262-2

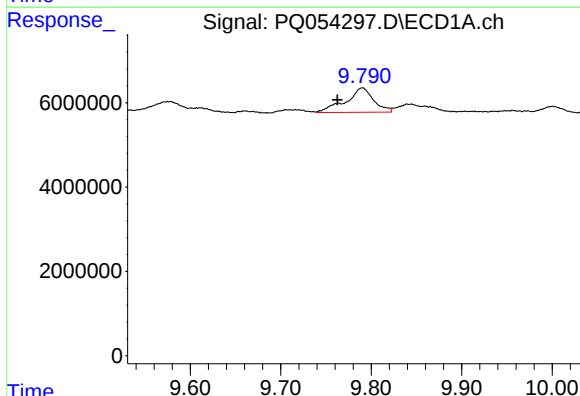
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 17752374
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



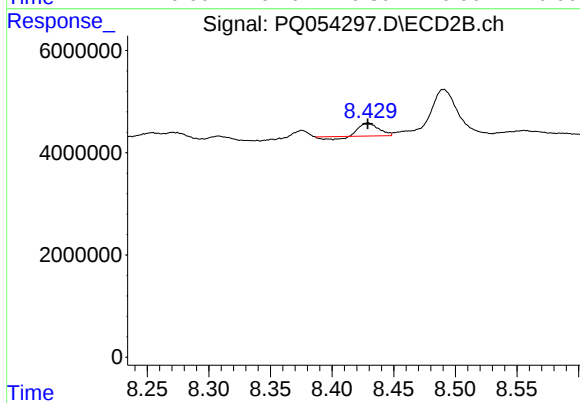
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 12818271
Conc: 6.81 ng/ml



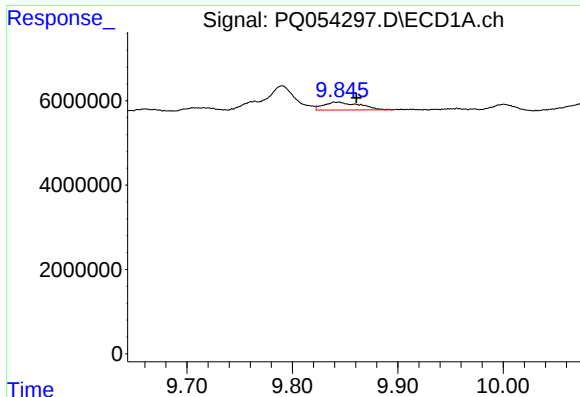
#38 AR-1262-3

R.T.: 9.790 min
Delta R.T.: 0.027 min
Response: 12376005
Conc: 10.10 ng/ml



#38 AR-1262-3

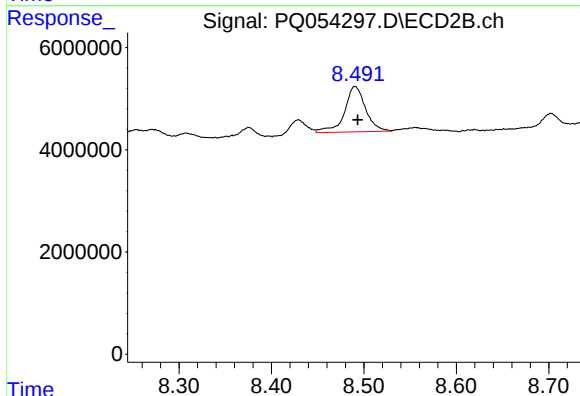
R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2467274
Conc: 3.21 ng/ml



#39 AR-1262-4

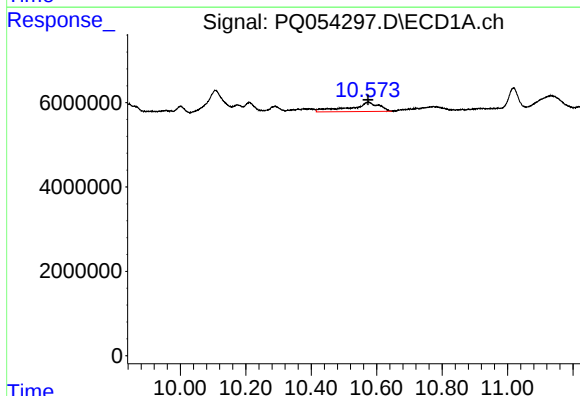
R.T.: 9.842 min
Delta R.T.: -0.018 min
Response: 4484963
Conc: 4.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



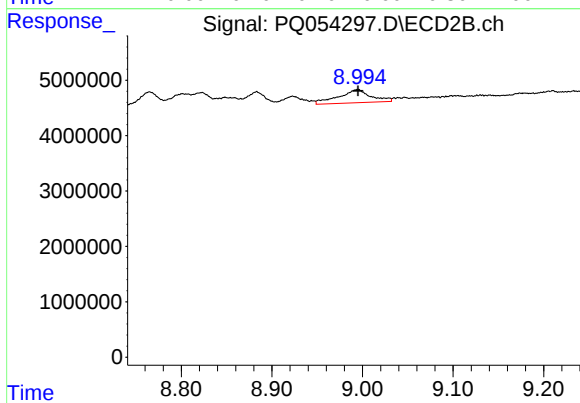
#39 AR-1262-4

R.T.: 8.490 min
Delta R.T.: -0.003 min
Response: 14048868
Conc: 11.24 ng/ml



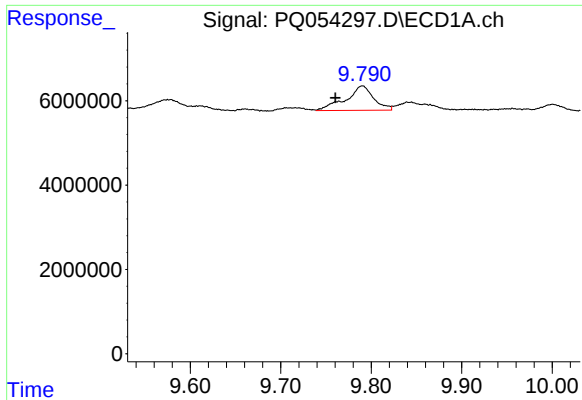
#40 AR-1262-5

R.T.: 10.574 min
Delta R.T.: 0.000 min
Response: 13762120
Conc: 20.76 ng/ml



#40 AR-1262-5

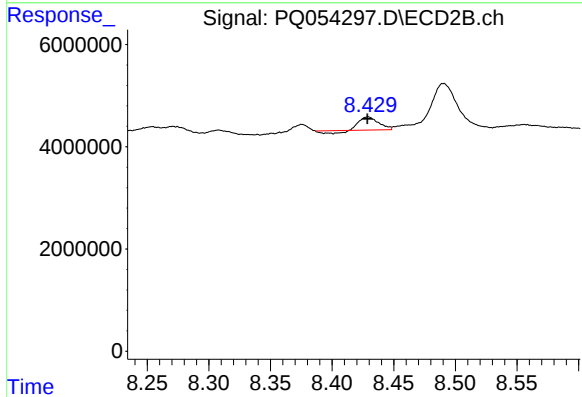
R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 5942292
Conc: 10.30 ng/ml



#41 AR-1268-1

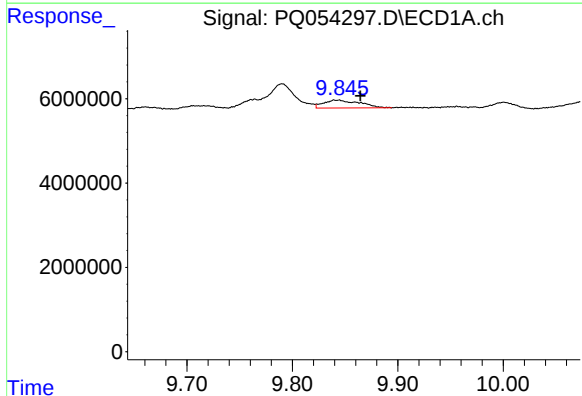
R.T.: 9.790 min
Delta R.T.: 0.030 min
Response: 12376005
Conc: 5.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



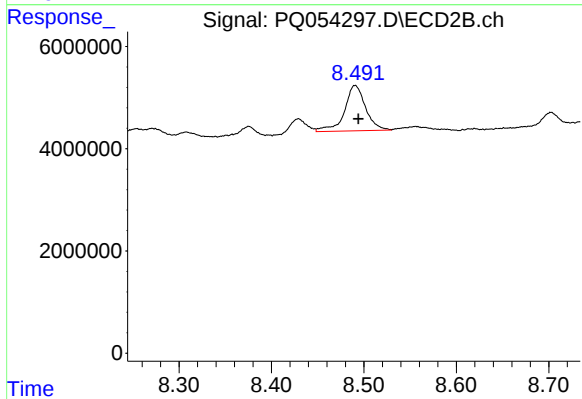
#41 AR-1268-1

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2467274
Conc: 1.09 ng/ml



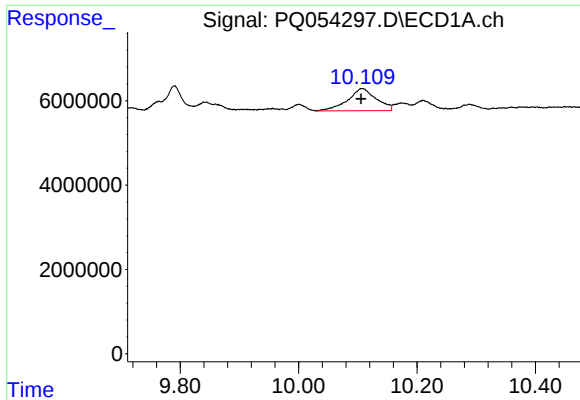
#42 AR-1268-2

R.T.: 9.842 min
Delta R.T.: -0.022 min
Response: 4484963
Conc: 2.33 ng/ml



#42 AR-1268-2

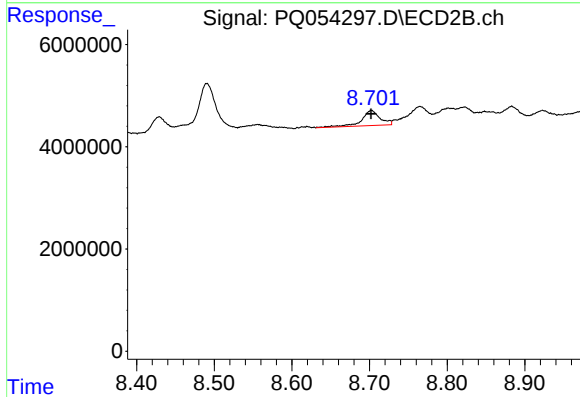
R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 14048868
Conc: 7.52 ng/ml



#43 AR-1268-3

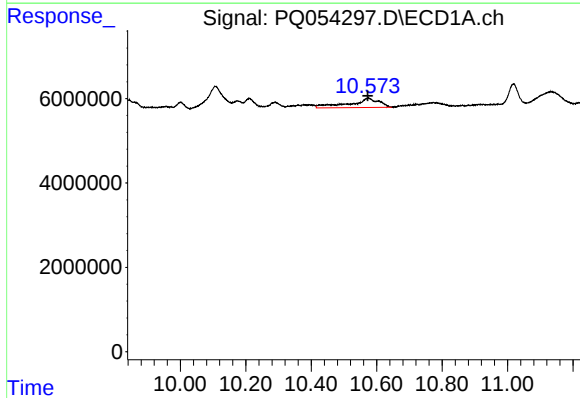
R.T.: 10.108 min
Delta R.T.: 0.002 min
Response: 17634547
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



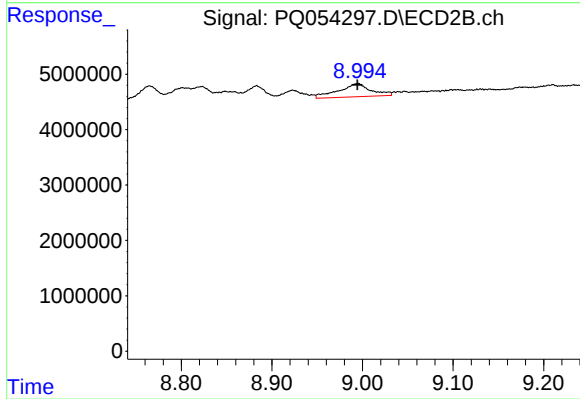
#43 AR-1268-3

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 4938087
Conc: 2.95 ng/ml



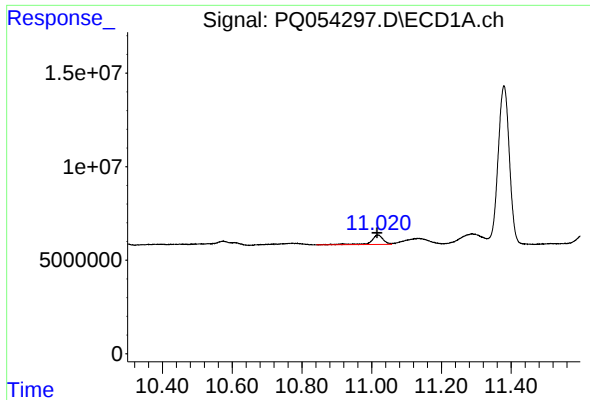
#44 AR-1268-4

R.T.: 10.574 min
Delta R.T.: 0.001 min
Response: 13762120
Conc: 18.82 ng/ml



#44 AR-1268-4

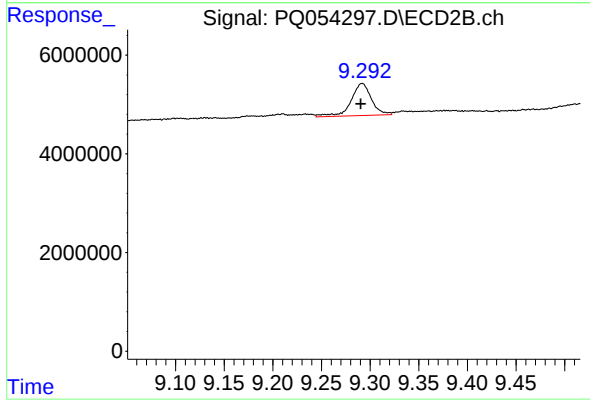
R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 5942292
Conc: 9.11 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 12015016
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.292 min
Delta R.T.: 0.002 min
Response: 9496217
Conc: 2.02 ng/ml