

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054900.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 09:38
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 10:36:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 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...	5.195	4.198	1204.9E6	605.0E6	50.452	45.764
2)	SA Decachlor...	11.356	9.525	885.4E6	685.3E6	52.459	50.572
Target Compounds							
3)	L1 AR-1016-1	6.523	5.460	7720693	582898	9.360	1.284 #
4)	L1 AR-1016-2	6.550	5.460f	10787740	582898	8.844	0.821 #
5)	L1 AR-1016-3	6.613	0.000	3833044	0	5.063	N.D. #
6)	L1 AR-1016-4	0.000	5.720	0	116.8E6	N.D.	420.431 #
7)	L1 AR-1016-5	7.030	5.950	115.0E6	64721449	202.368	187.503
9)	L2 AR-1221-2	5.553	4.554	19875151	6023840	103.975	63.224 #
10)	L2 AR-1221-3	0.000	4.630f	0	3869123	N.D.	12.112 #
11)	L3 AR-1232-1	0.000	4.630f	0	3869123	N.D.	16.174 #
12)	L3 AR-1232-2	0.000	5.460f	0	582898	N.D.	1.878 #
13)	L3 AR-1232-3	6.550	0.000	10787740	0	20.517	N.D. #
14)	L3 AR-1232-4	0.000	5.764	0	33721532	N.D.	266.952 #
15)	L3 AR-1232-5	6.810	5.950	204.0E6	64721449	1009.035	446.255 #
16)	L4 AR-1242-1	6.523	5.460	7720693	582898	13.107	1.807 #
17)	L4 AR-1242-2	6.550	5.460f	10787740	582898	12.023	1.144 #
18)	L4 AR-1242-3	6.613	0.000	3833044	0	6.821	N.D. #
19)	L4 AR-1242-4	0.000	5.764	0	33721532	N.D.	133.240 #
20)	L4 AR-1242-5	7.501	6.329	114.7E6	328.9E6	245.040	925.667 #
21)	L5 AR-1248-1	6.523	5.460	7720693	582898	15.426	2.228 #
22)	L5 AR-1248-2	6.810	5.720	204.0E6	116.8E6	314.029	327.855
23)	L5 AR-1248-3	7.030	5.764	115.0E6	33721532	160.772	94.828 #
24)	L5 AR-1248-4	7.459	5.950	174.7E6	64721449	220.801	150.669 #
25)	L5 AR-1248-5	7.501	6.374	114.7E6	33930497	142.978	79.198 #
26)	L6 AR-1254-1	7.427	6.329	368.6E6	328.9E6	423.127	431.696
27)	L6 AR-1254-2	7.655	6.488	566.8E6	300.9E6	423.763	429.945
28)	L6 AR-1254-3	8.039	6.909	595.6E6	479.6E6	427.662	435.032
29)	L6 AR-1254-4	8.335	7.148	443.4E6	334.8E6	416.205	442.734
30)	L6 AR-1254-5	8.762	7.576	481.2E6	488.4E6	418.711	441.296
31)	L7 AR-1260-1	8.203	7.045	242.1E6	236.4E6	243.984	314.814 #
32)	L7 AR-1260-2	8.466	7.241	289.2E6	236.0E6	245.758	228.006
33)	L7 AR-1260-3	8.825	7.394	61560523	220.0E6	80.378	248.822 #
34)	L7 AR-1260-4	9.070	7.878	182.6E6	21217561	195.472	30.663 #
35)	L7 AR-1260-5	9.418	8.125	81764274	63562769	44.352	33.255 #
36)	L8 AR-1262-1	8.825	7.576	61560523	488.4E6	52.392	945.251 #
37)	L8 AR-1262-2	9.418	8.125	81764274	63562769	37.698	28.698
38)	L8 AR-1262-3	9.776f	8.410	56781744	1514141	63.749	1.706 #
39)	L8 AR-1262-4	9.828f	8.473	13992575	54401366	24.804	35.770 #
41)	L9 AR-1268-1	9.776f	8.410	56781744	1514141	22.641	0.558 #
42)	L9 AR-1268-2	9.828f	8.473f	13992575	54401366	6.118	23.613 #
45)	L9 AR-1268-5	10.997	9.271	7107501	3945247	1.127	0.686 #

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QLast Update : Wed Sep 15 05:25:53 2021
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Integrator: ChemStation

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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

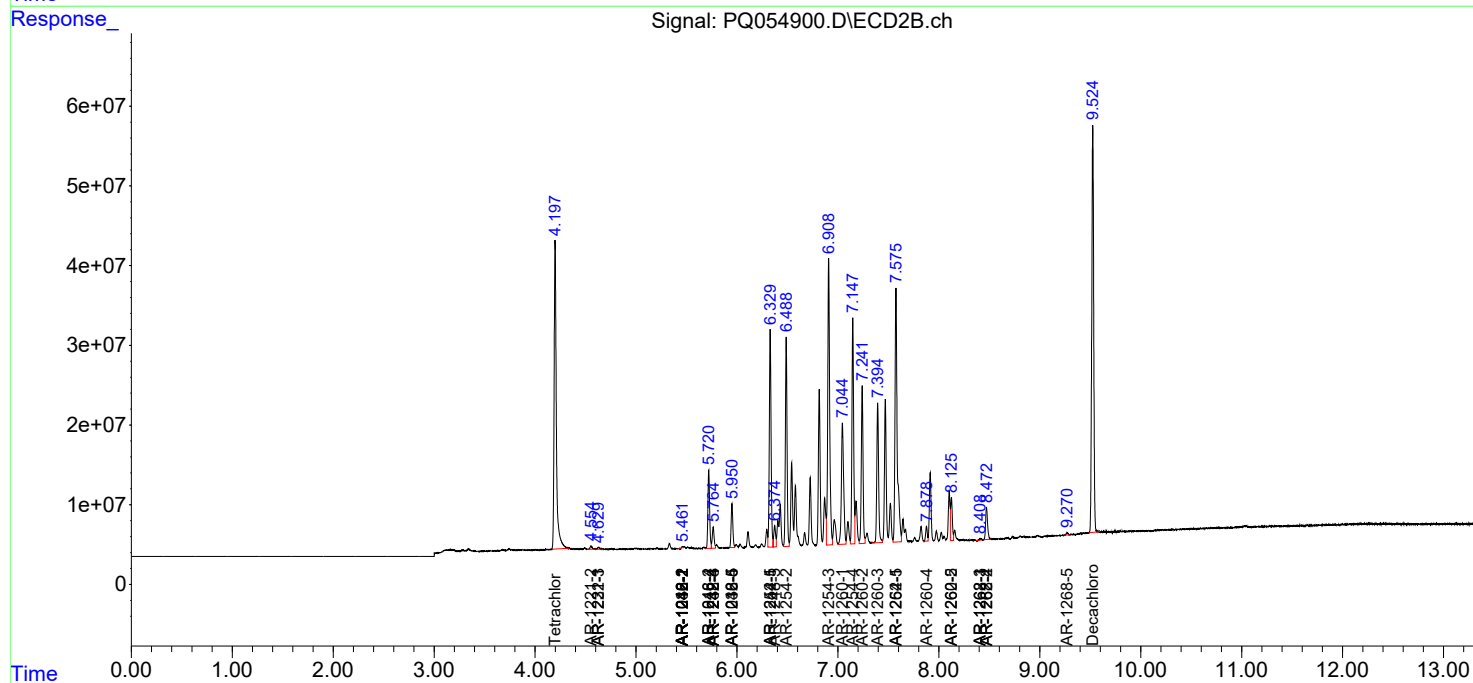
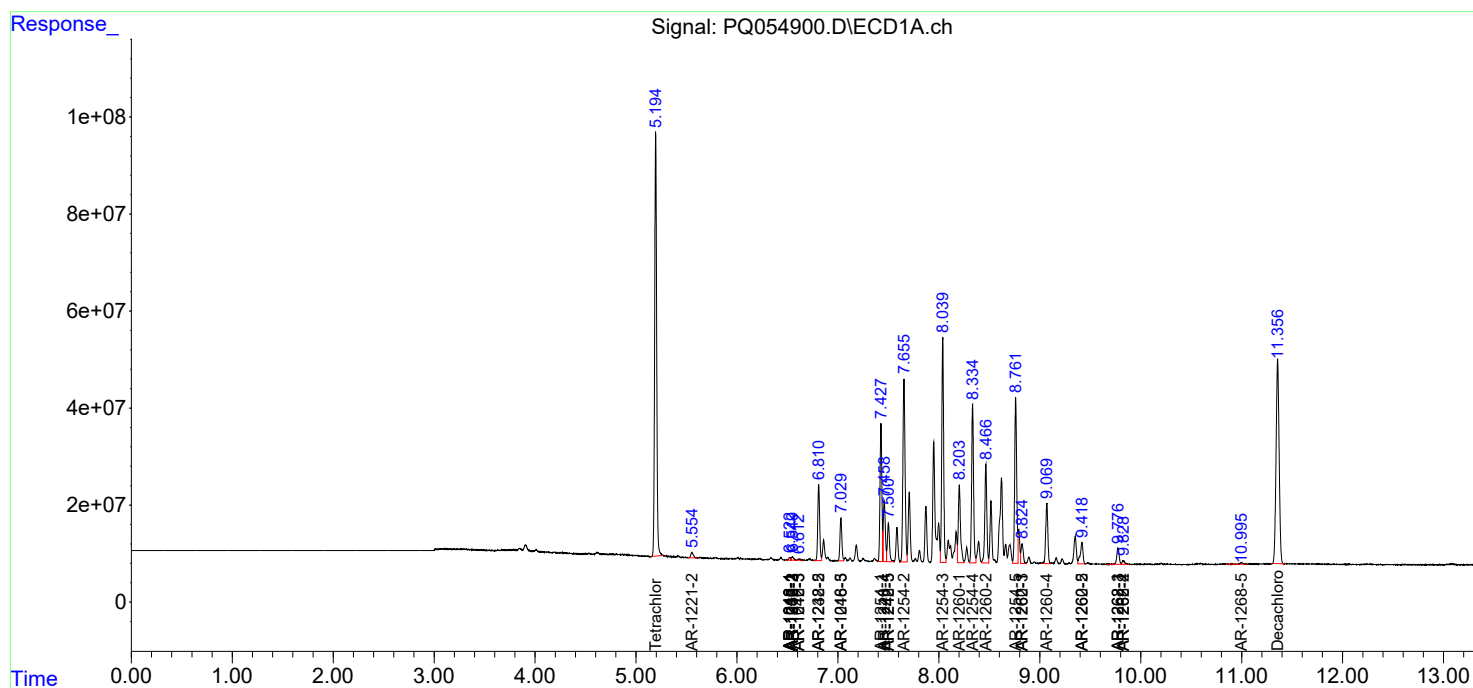
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

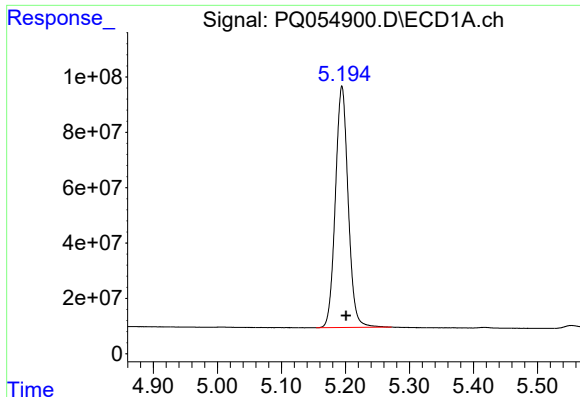
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
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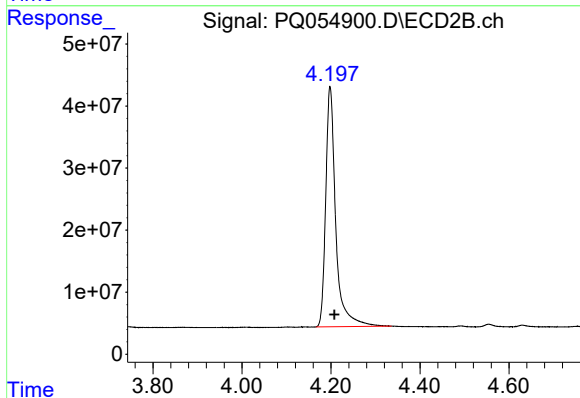




#1 Tetrachloro-m-xylene

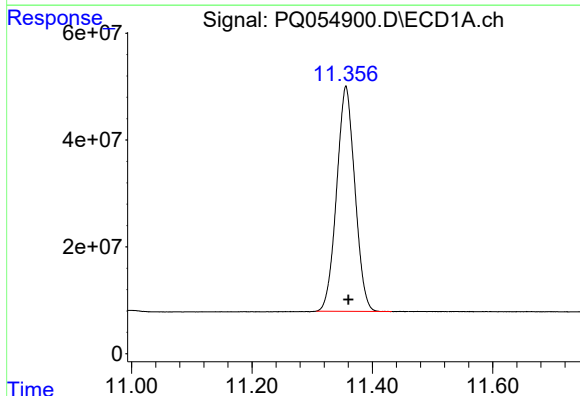
R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 1204854757
Conc: 50.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



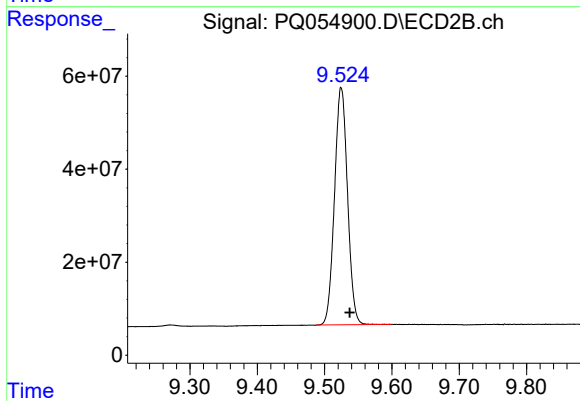
#1 Tetrachloro-m-xylene

R.T.: 4.198 min
Delta R.T.: -0.010 min
Response: 604991915
Conc: 45.76 ng/ml



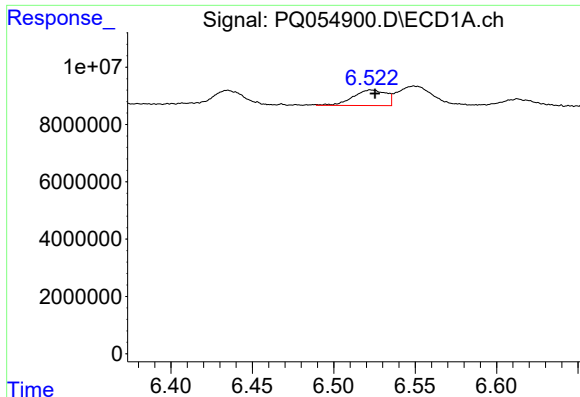
#2 Decachlorobiphenyl

R.T.: 11.356 min
Delta R.T.: -0.004 min
Response: 885402561
Conc: 52.46 ng/ml



#2 Decachlorobiphenyl

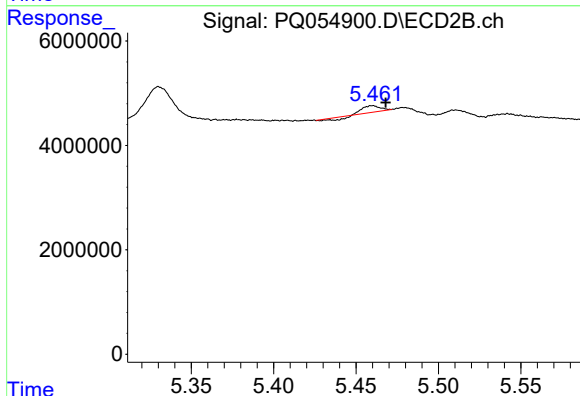
R.T.: 9.525 min
Delta R.T.: -0.013 min
Response: 685348939
Conc: 50.57 ng/ml



#3 AR-1016-1

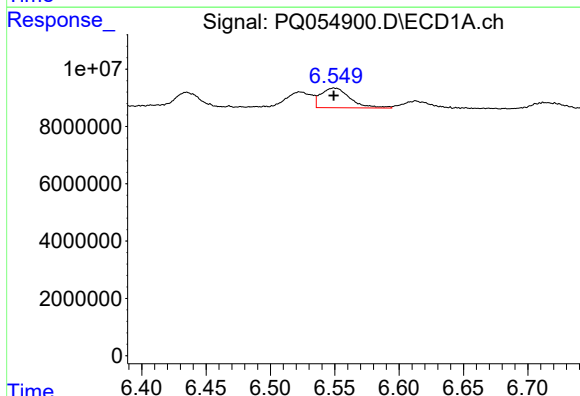
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 7720693
Conc: 9.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



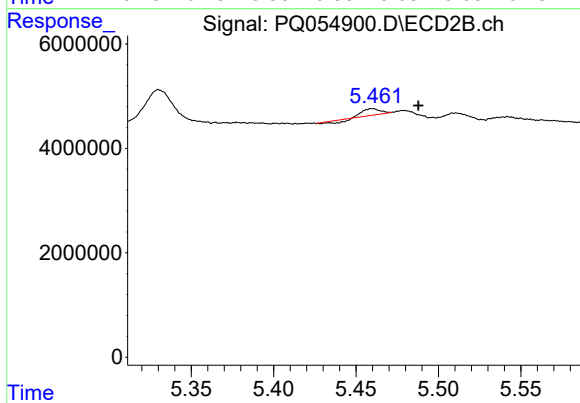
#3 AR-1016-1

R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 582898
Conc: 1.28 ng/ml



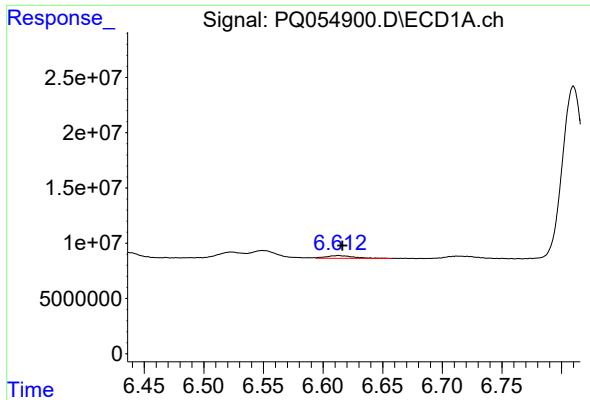
#4 AR-1016-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 10787740
Conc: 8.84 ng/ml



#4 AR-1016-2

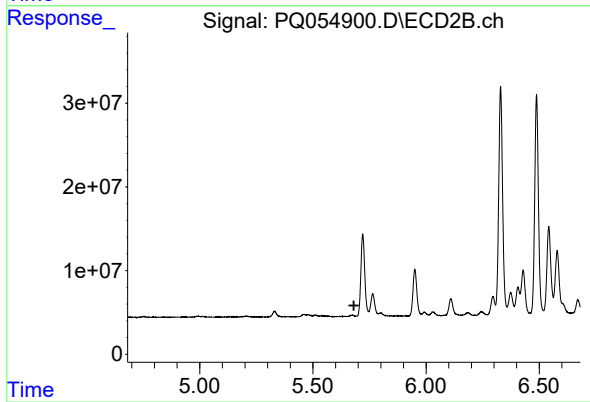
R.T.: 5.460 min
Delta R.T.: -0.028 min
Response: 582898
Conc: 0.82 ng/ml



#5 AR-1016-3

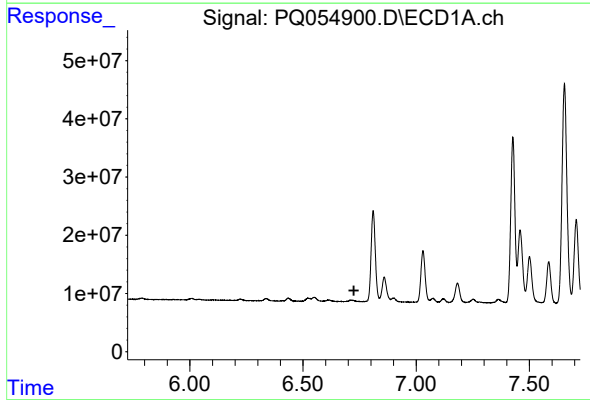
R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 3833044
Conc: 5.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



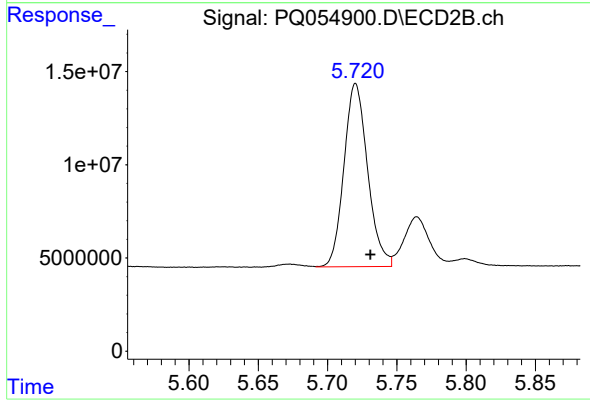
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



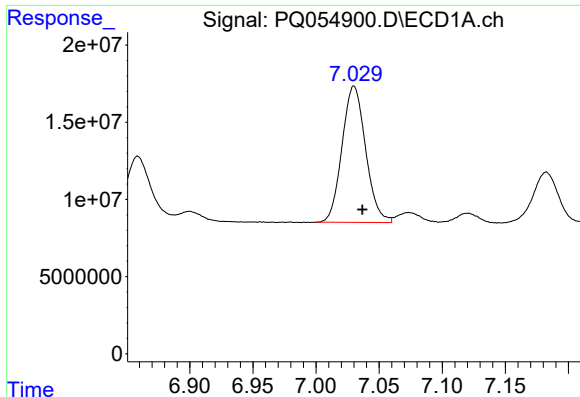
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.725 min
Response: 0
Conc: N.D.



#6 AR-1016-4

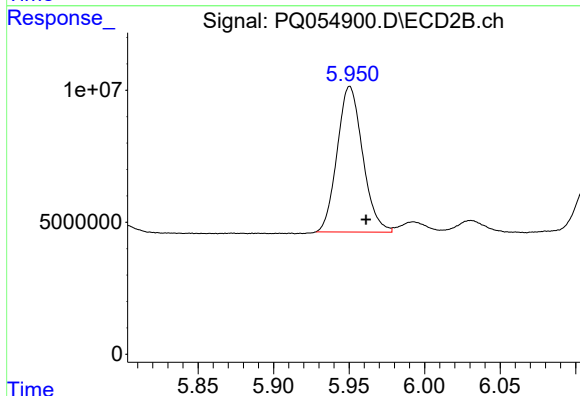
R.T.: 5.720 min
Delta R.T.: -0.011 min
Response: 116774276
Conc: 420.43 ng/ml



#7 AR-1016-5

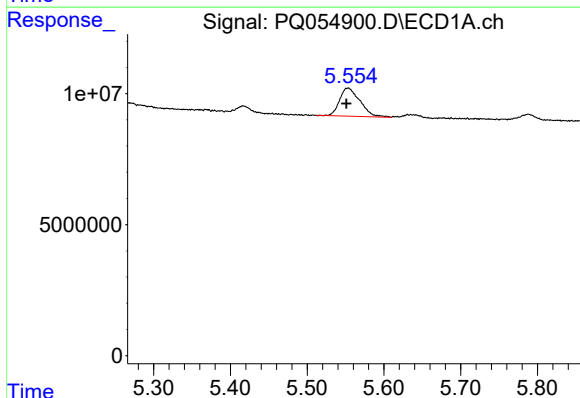
R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 114973144
Conc: 202.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



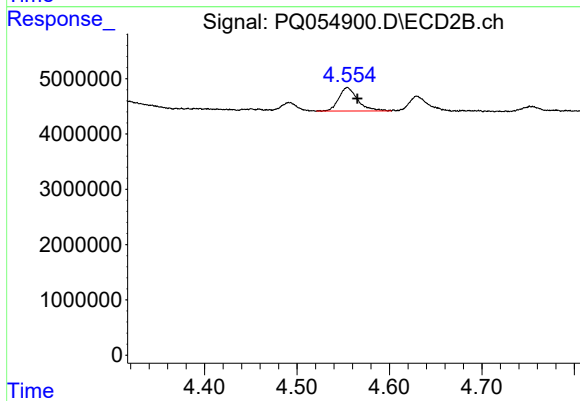
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 64721449
Conc: 187.50 ng/ml



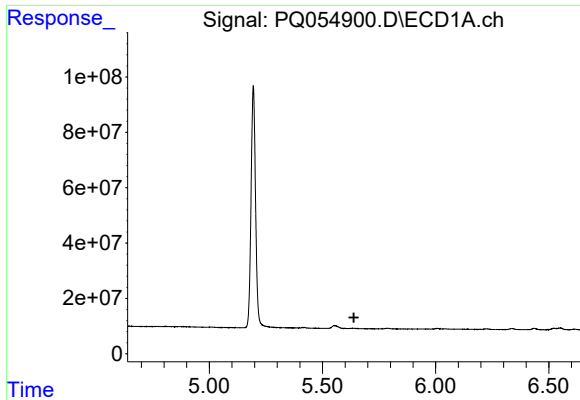
#9 AR-1221-2

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 19875151
Conc: 103.97 ng/ml



#9 AR-1221-2

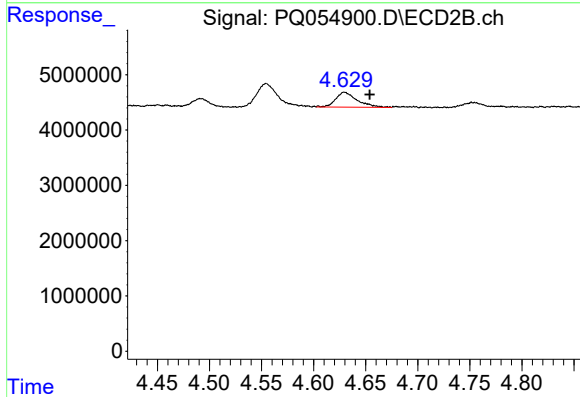
R.T.: 4.554 min
Delta R.T.: -0.011 min
Response: 6023840
Conc: 63.22 ng/ml



#10 AR-1221-3

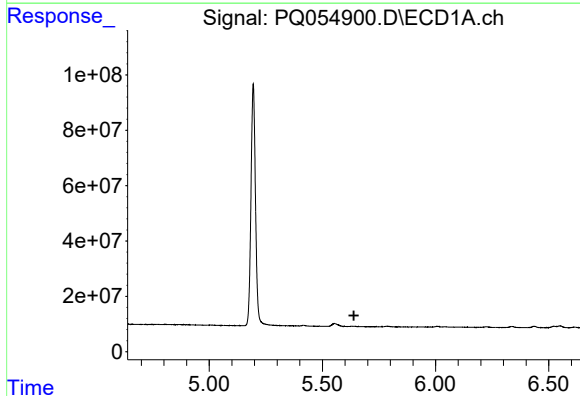
R.T.: 0.000 min
Exp R.T. : 5.639 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



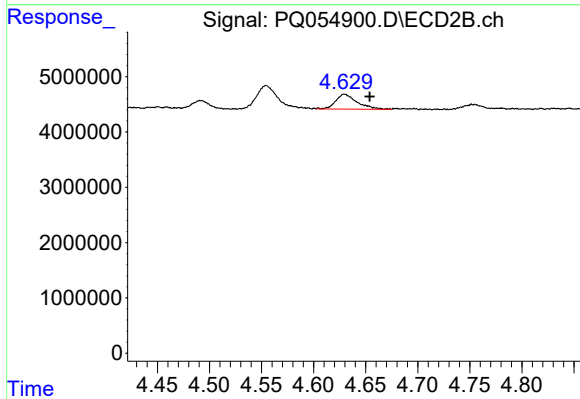
#10 AR-1221-3

R.T.: 4.630 min
Delta R.T.: -0.024 min
Response: 3869123
Conc: 12.11 ng/ml



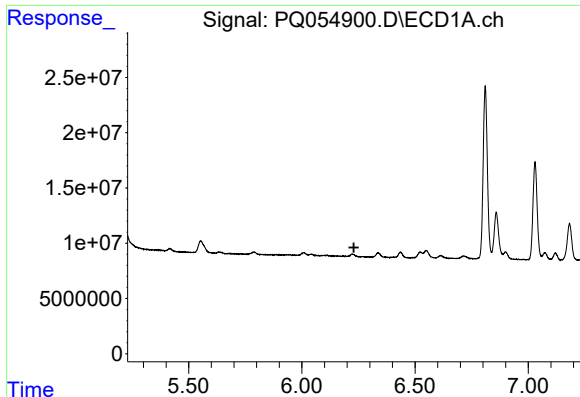
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.639 min
Response: 0
Conc: N.D.



#11 AR-1232-1

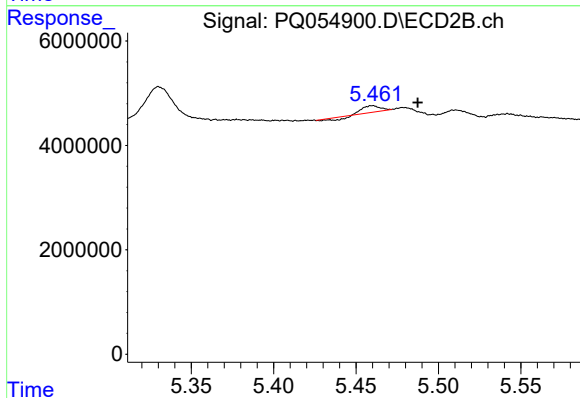
R.T.: 4.630 min
Delta R.T.: -0.024 min
Response: 3869123
Conc: 16.17 ng/ml



#12 AR-1232-2

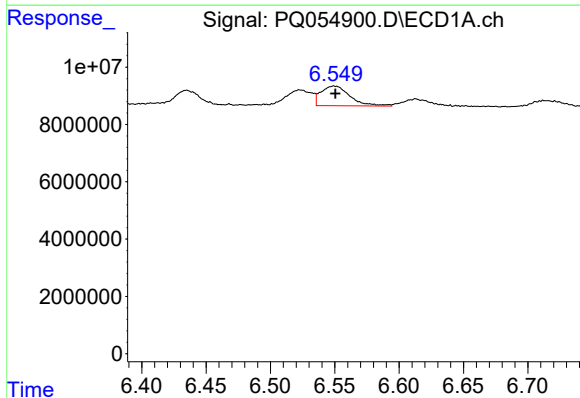
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



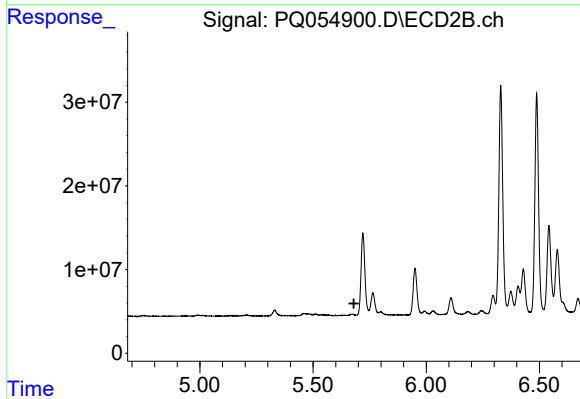
#12 AR-1232-2

R.T.: 5.460 min
Delta R.T.: -0.028 min
Response: 582898
Conc: 1.88 ng/ml



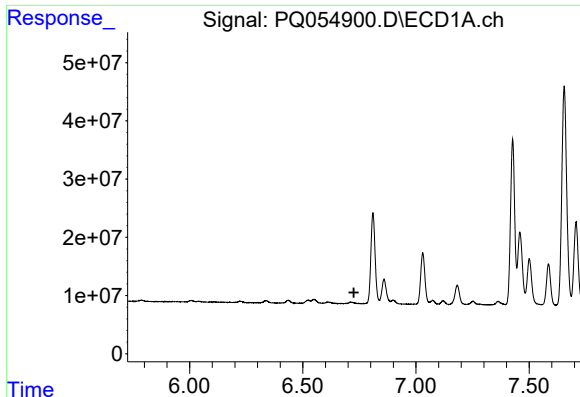
#13 AR-1232-3

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 10787740
Conc: 20.52 ng/ml



#13 AR-1232-3

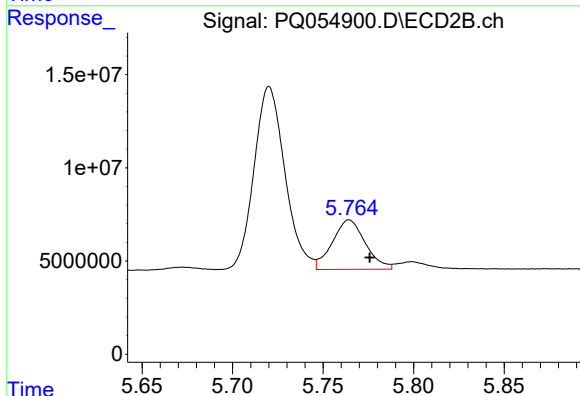
R.T.: 0.000 min
Exp R.T.: 5.681 min
Response: 0
Conc: N.D.



#14 AR-1232-4

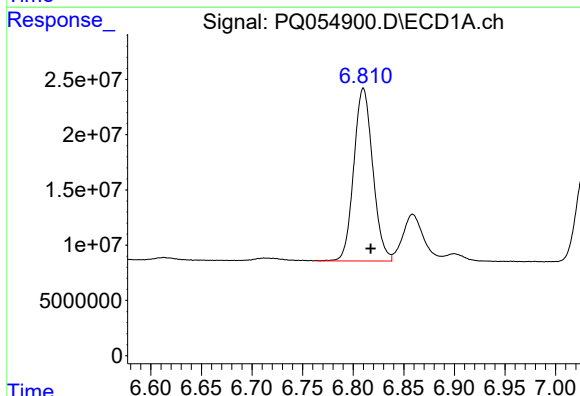
R.T.: 0.000 min
Exp R.T.: 6.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



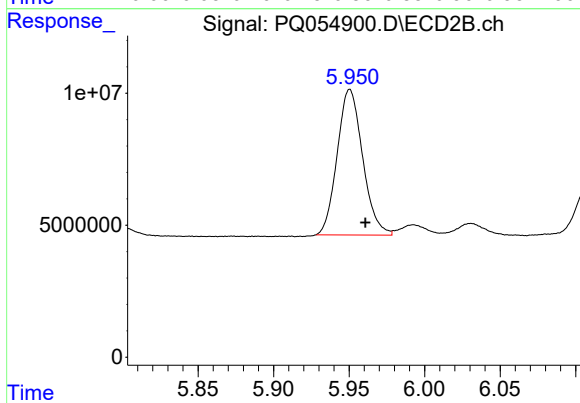
#14 AR-1232-4

R.T.: 5.764 min
Delta R.T.: -0.011 min
Response: 33721532
Conc: 266.95 ng/ml



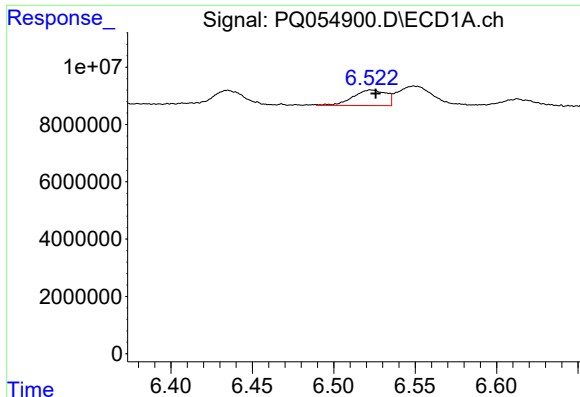
#15 AR-1232-5

R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 204021497
Conc: 1009.04 ng/ml



#15 AR-1232-5

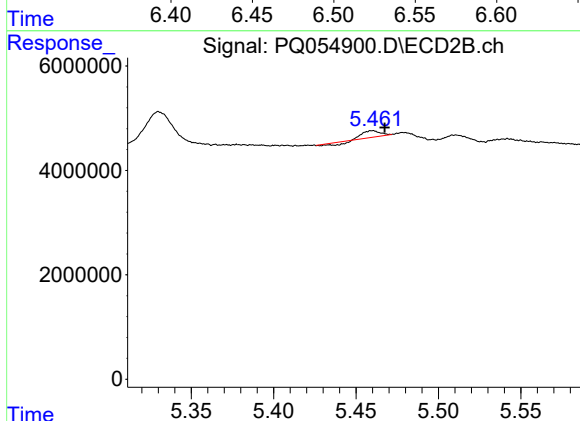
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 64721449
Conc: 446.26 ng/ml



#16 AR-1242-1

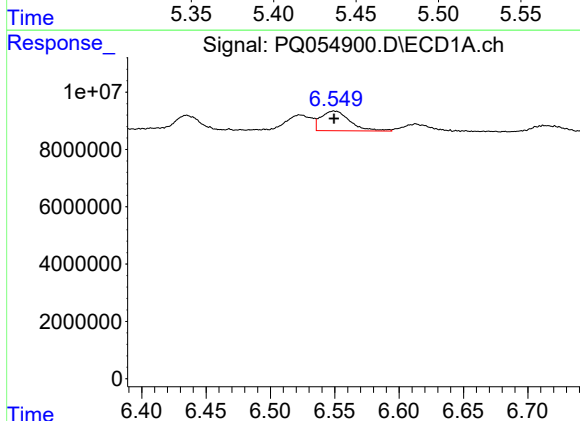
R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 7720693
Conc: 13.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



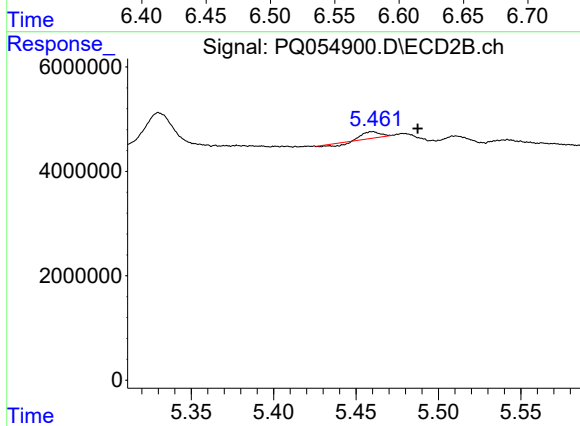
#16 AR-1242-1

R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 582898
Conc: 1.81 ng/ml



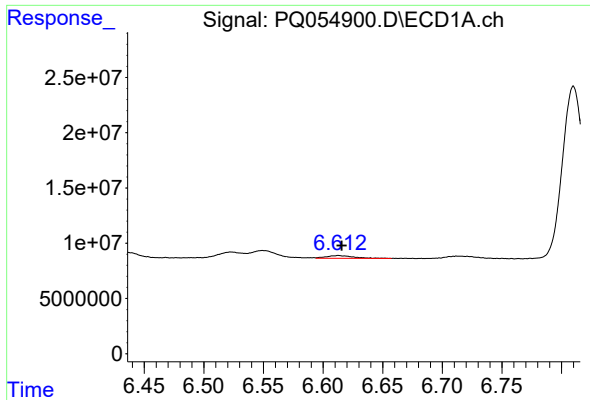
#17 AR-1242-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 10787740
Conc: 12.02 ng/ml



#17 AR-1242-2

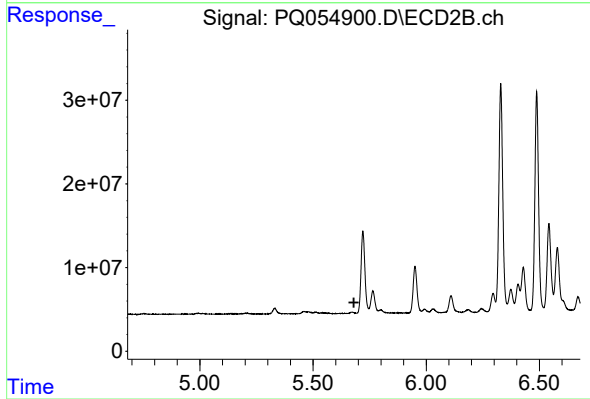
R.T.: 5.460 min
Delta R.T.: -0.028 min
Response: 582898
Conc: 1.14 ng/ml



#18 AR-1242-3

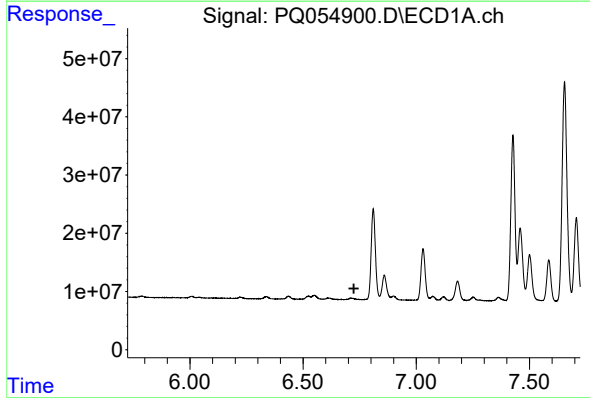
R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 3833044
Conc: 6.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



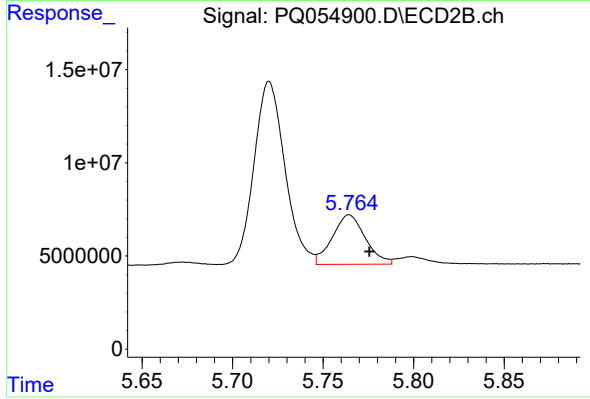
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.680 min
Response: 0
Conc: N.D.



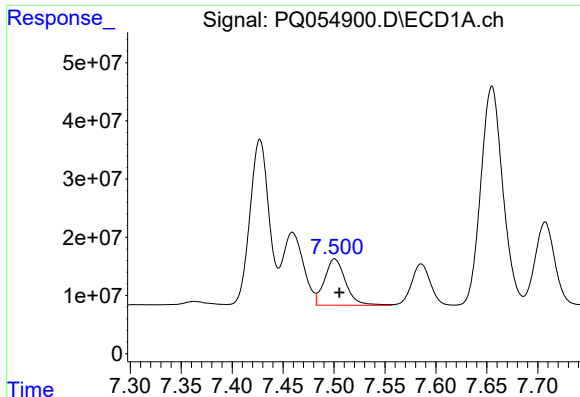
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.



#19 AR-1242-4

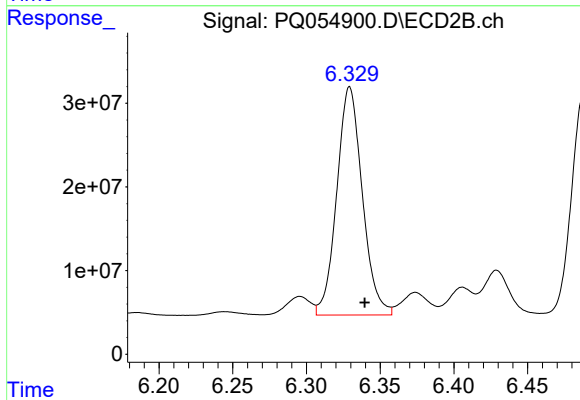
R.T.: 5.764 min
Delta R.T.: -0.011 min
Response: 33721532
Conc: 133.24 ng/ml



#20 AR-1242-5

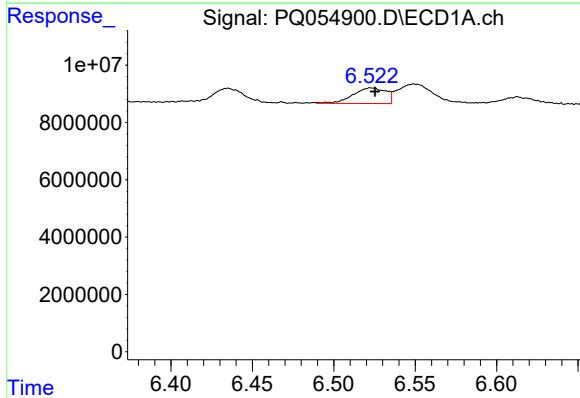
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 114734820
Conc: 245.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



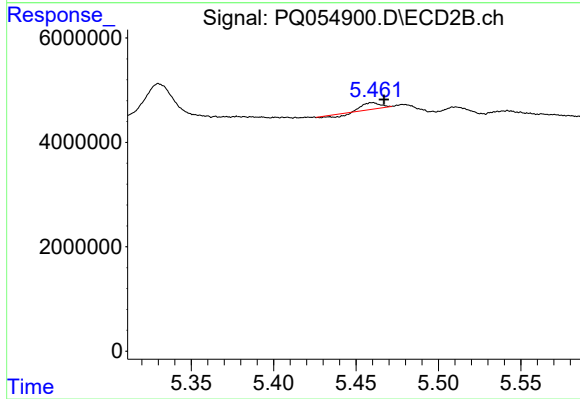
#20 AR-1242-5

R.T.: 6.329 min
Delta R.T.: -0.010 min
Response: 328868763
Conc: 925.67 ng/ml



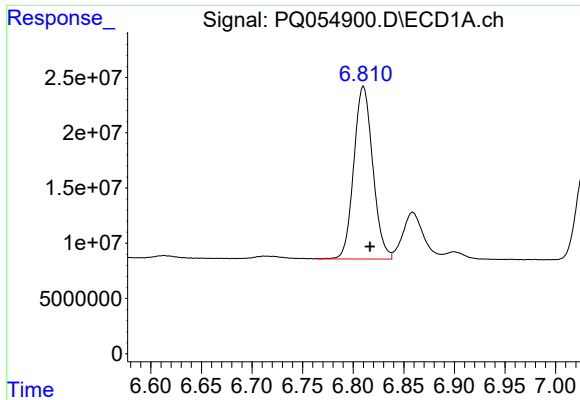
#21 AR-1248-1

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 7720693
Conc: 15.43 ng/ml



#21 AR-1248-1

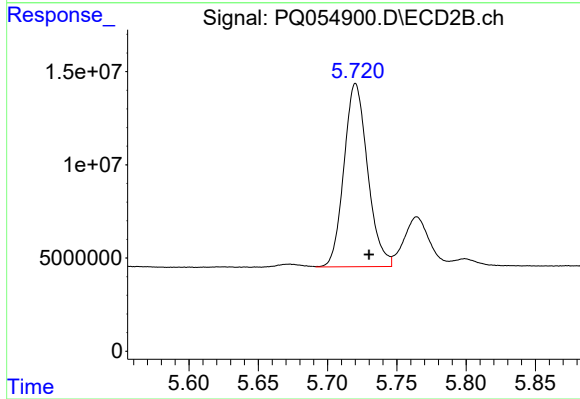
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 582898
Conc: 2.23 ng/ml



#22 AR-1248-2

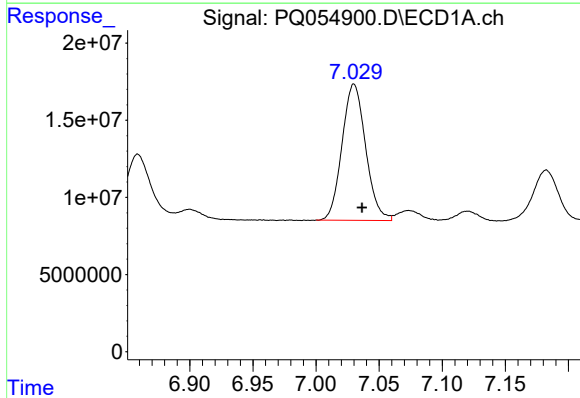
R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 204021497
Conc: 314.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



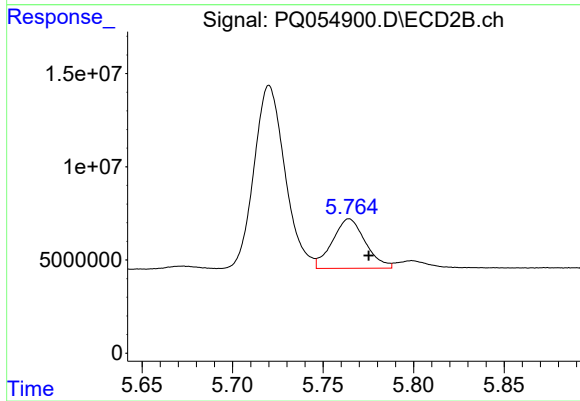
#22 AR-1248-2

R.T.: 5.720 min
Delta R.T.: -0.010 min
Response: 116774276
Conc: 327.85 ng/ml



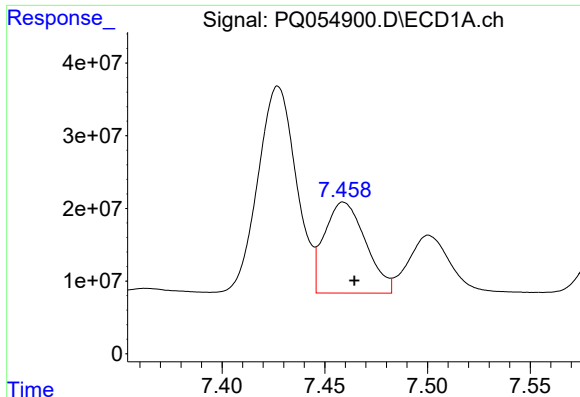
#23 AR-1248-3

R.T.: 7.030 min
Delta R.T.: -0.006 min
Response: 114973144
Conc: 160.77 ng/ml



#23 AR-1248-3

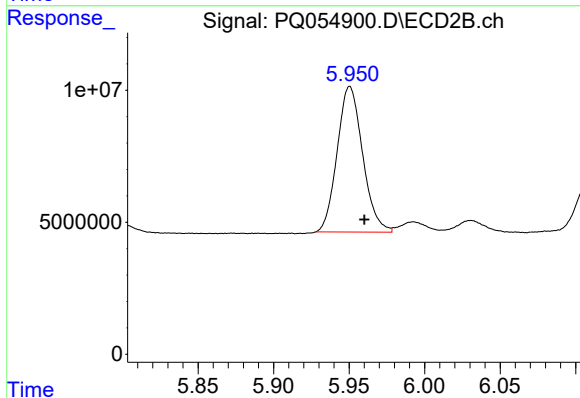
R.T.: 5.764 min
Delta R.T.: -0.011 min
Response: 33721532
Conc: 94.83 ng/ml



#24 AR-1248-4

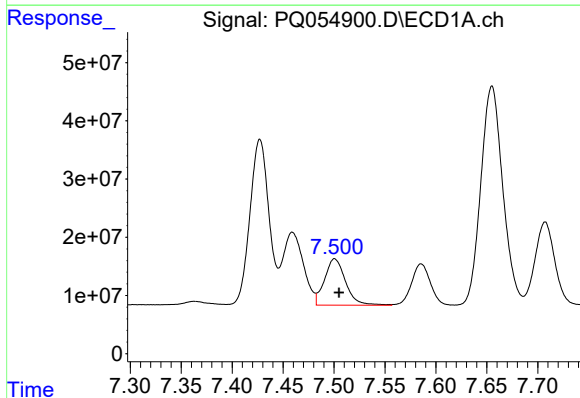
R.T.: 7.459 min
Delta R.T.: -0.005 min
Response: 174675823
Conc: 220.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



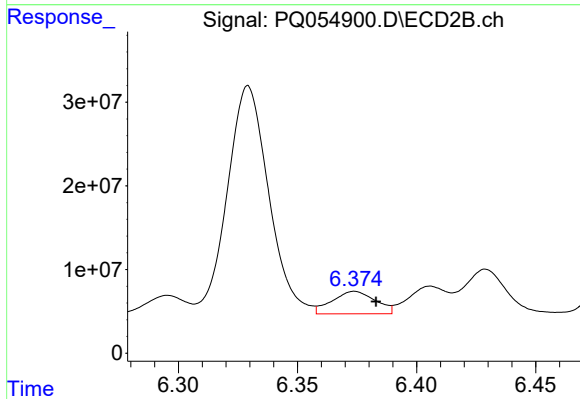
#24 AR-1248-4

R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 64721449
Conc: 150.67 ng/ml



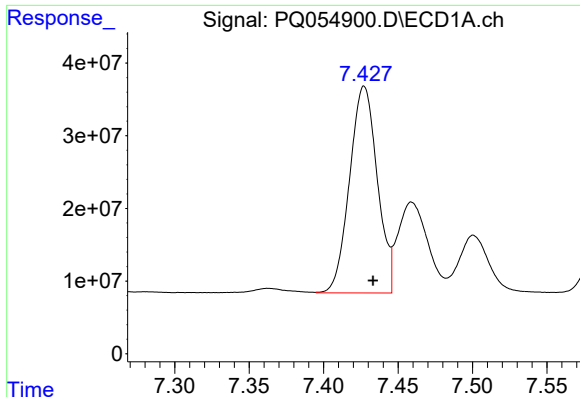
#25 AR-1248-5

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 114734820
Conc: 142.98 ng/ml



#25 AR-1248-5

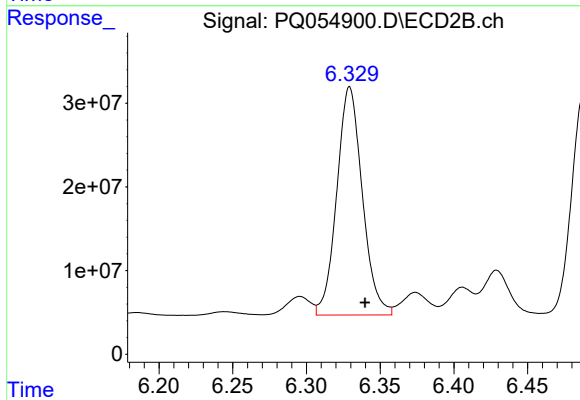
R.T.: 6.374 min
Delta R.T.: -0.009 min
Response: 33930497
Conc: 79.20 ng/ml



#26 AR-1254-1

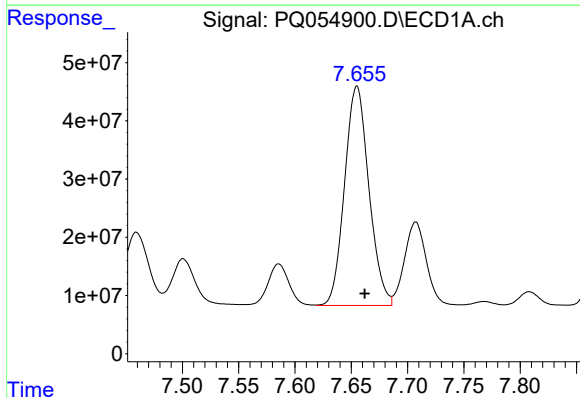
R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 368579401
Conc: 423.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



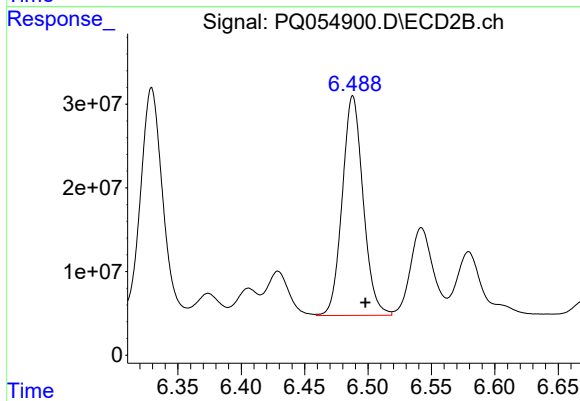
#26 AR-1254-1

R.T.: 6.329 min
Delta R.T.: -0.010 min
Response: 328868763
Conc: 431.70 ng/ml



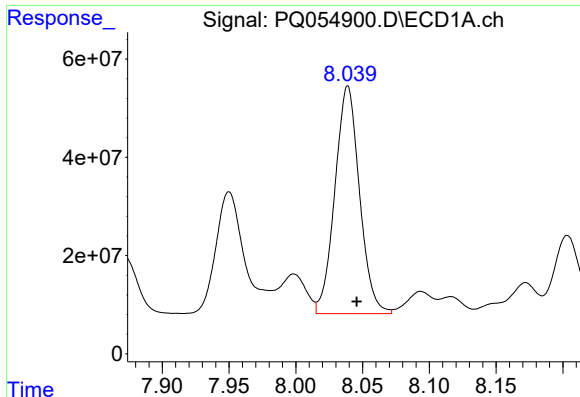
#27 AR-1254-2

R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 566826465
Conc: 423.76 ng/ml



#27 AR-1254-2

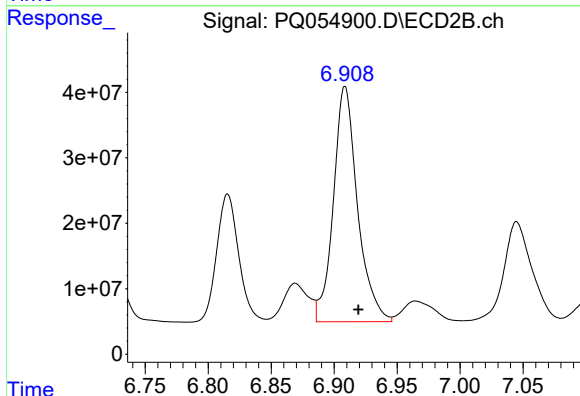
R.T.: 6.488 min
Delta R.T.: -0.010 min
Response: 300867299
Conc: 429.94 ng/ml



#28 AR-1254-3

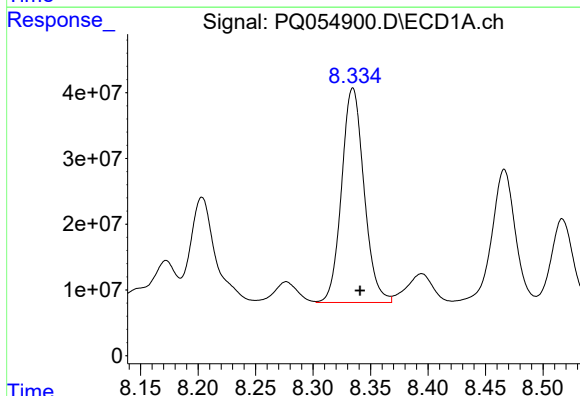
R.T.: 8.039 min
Delta R.T.: -0.007 min
Response: 595623663
Conc: 427.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



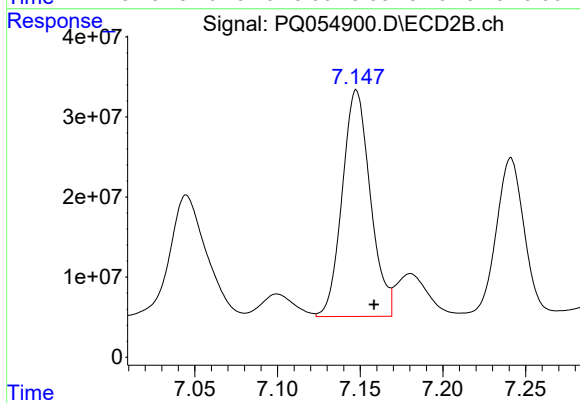
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: -0.011 min
Response: 479589016
Conc: 435.03 ng/ml



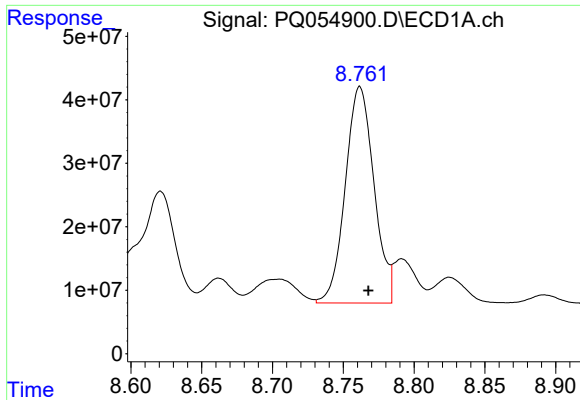
#29 AR-1254-4

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 443389625
Conc: 416.21 ng/ml



#29 AR-1254-4

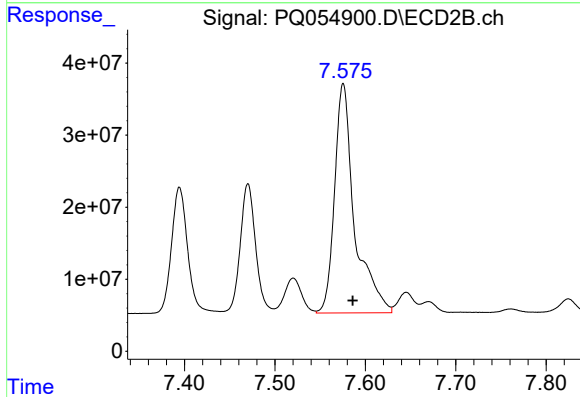
R.T.: 7.148 min
Delta R.T.: -0.011 min
Response: 334758647
Conc: 442.73 ng/ml



#30 AR-1254-5

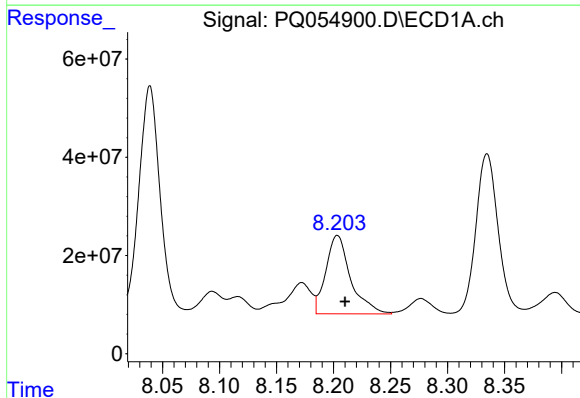
R.T.: 8.762 min
Delta R.T.: -0.006 min
Response: 481217151
Conc: 418.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



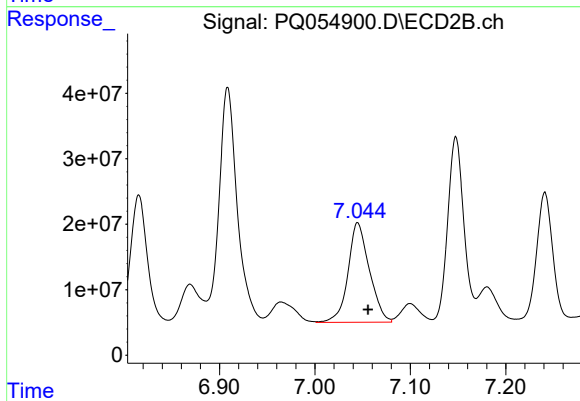
#30 AR-1254-5

R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 488391561
Conc: 441.30 ng/ml



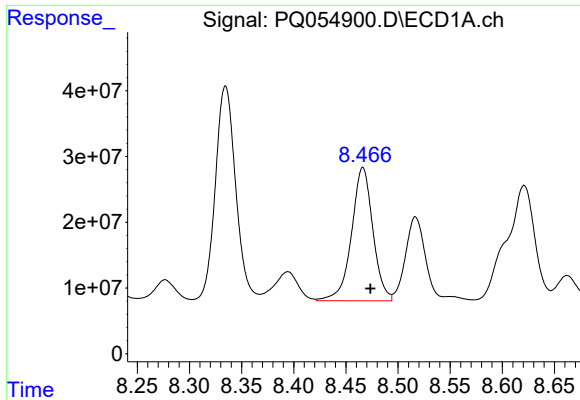
#31 AR-1260-1

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 242128341
Conc: 243.98 ng/ml



#31 AR-1260-1

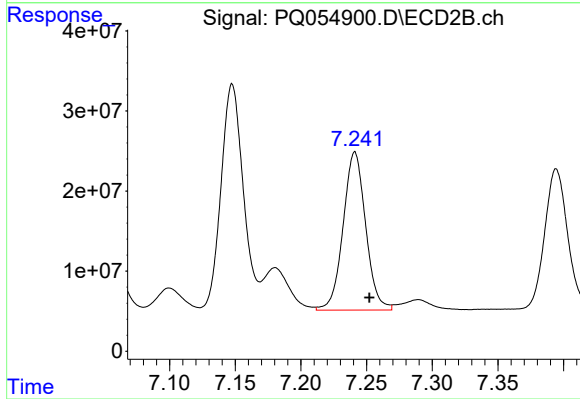
R.T.: 7.045 min
Delta R.T.: -0.011 min
Response: 236417577
Conc: 314.81 ng/ml



#32 AR-1260-2

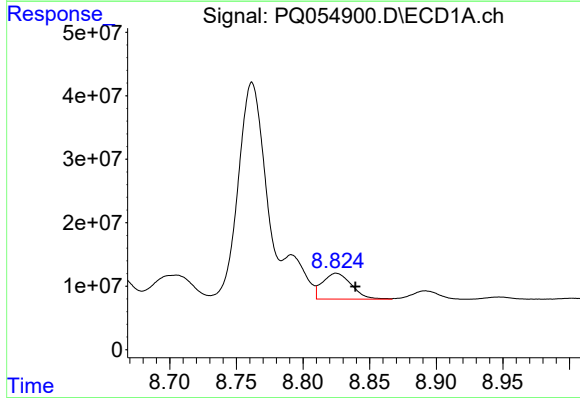
R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 289185498
Conc: 245.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



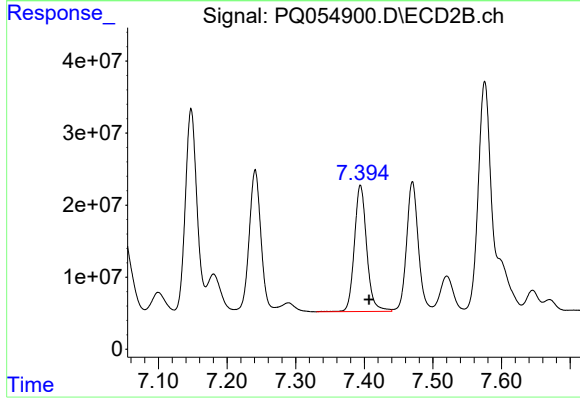
#32 AR-1260-2

R.T.: 7.241 min
Delta R.T.: -0.011 min
Response: 235963068
Conc: 228.01 ng/ml



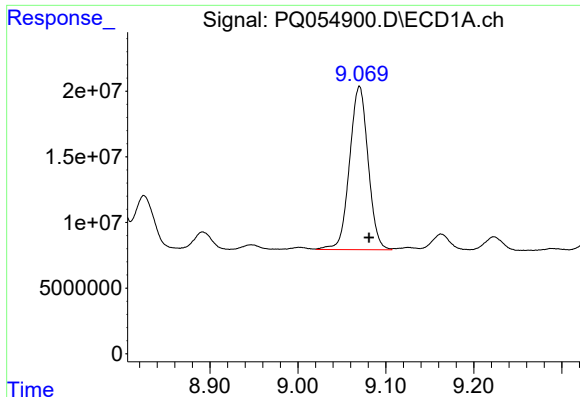
#33 AR-1260-3

R.T.: 8.825 min
Delta R.T.: -0.014 min
Response: 61560523
Conc: 80.38 ng/ml



#33 AR-1260-3

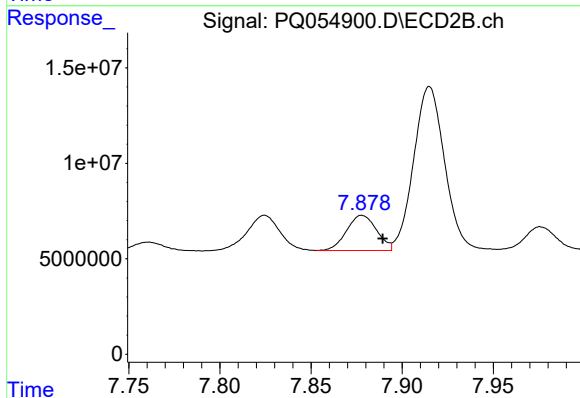
R.T.: 7.394 min
Delta R.T.: -0.013 min
Response: 219995510
Conc: 248.82 ng/ml



#34 AR-1260-4

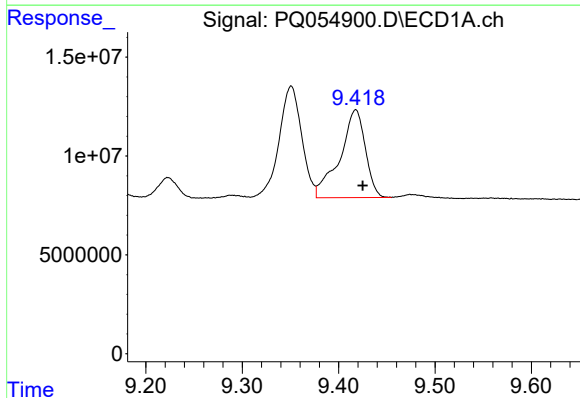
R.T.: 9.070 min
Delta R.T.: -0.011 min
Response: 182588155
Conc: 195.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



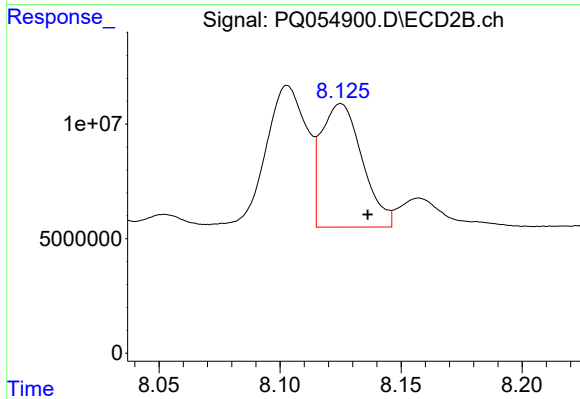
#34 AR-1260-4

R.T.: 7.878 min
Delta R.T.: -0.011 min
Response: 21217561
Conc: 30.66 ng/ml



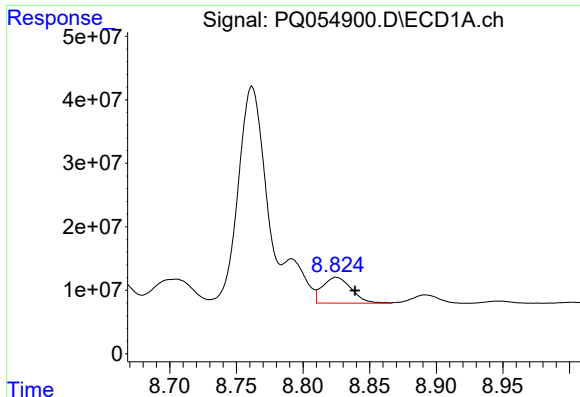
#35 AR-1260-5

R.T.: 9.418 min
Delta R.T.: -0.007 min
Response: 81764274
Conc: 44.35 ng/ml



#35 AR-1260-5

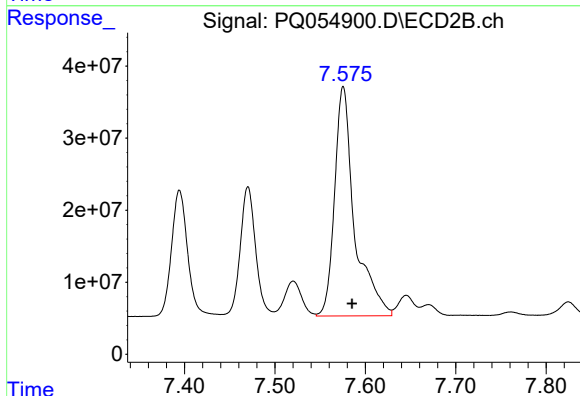
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 63562769
Conc: 33.26 ng/ml



#36 AR-1262-1

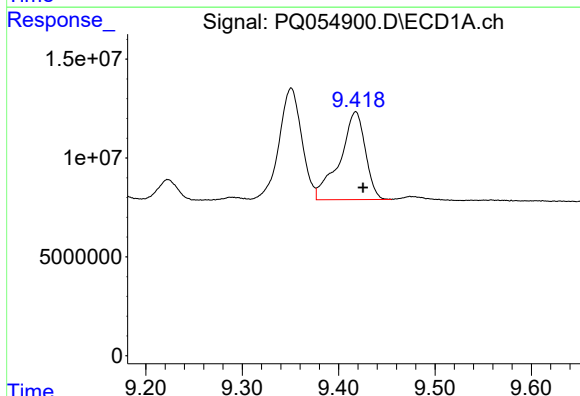
R.T.: 8.825 min
Delta R.T.: -0.014 min
Response: 61560523
Conc: 52.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



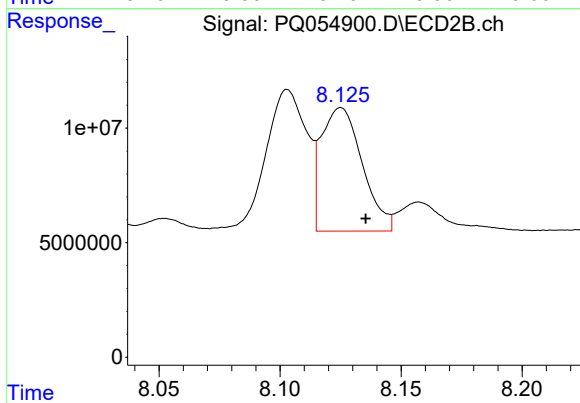
#36 AR-1262-1

R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 488391561
Conc: 945.25 ng/ml



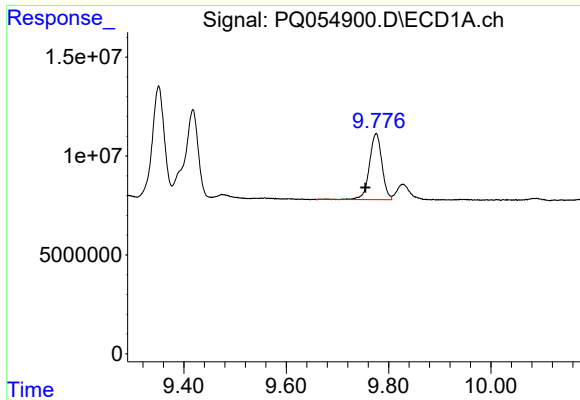
#37 AR-1262-2

R.T.: 9.418 min
Delta R.T.: -0.008 min
Response: 81764274
Conc: 37.70 ng/ml



#37 AR-1262-2

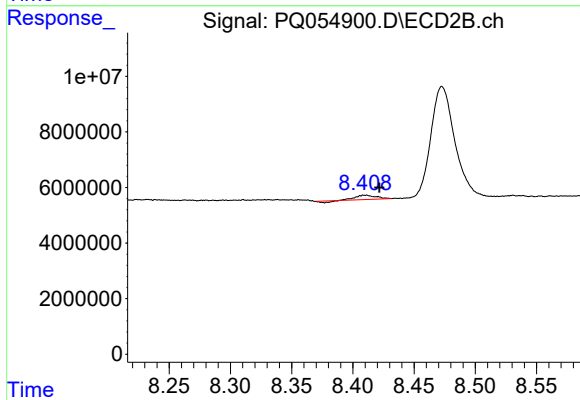
R.T.: 8.125 min
Delta R.T.: -0.010 min
Response: 63562769
Conc: 28.70 ng/ml



#38 AR-1262-3

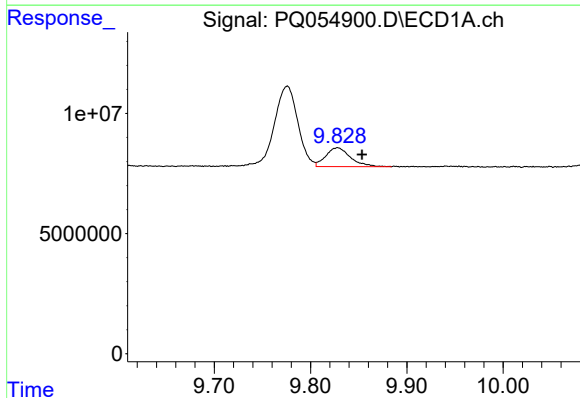
R.T.: 9.776 min
Delta R.T.: 0.021 min
Response: 56781744
Conc: 63.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



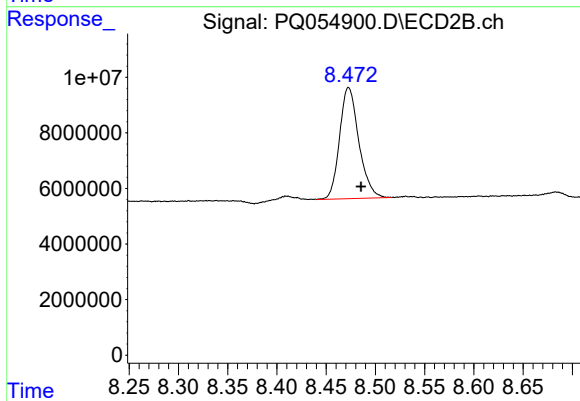
#38 AR-1262-3

R.T.: 8.410 min
Delta R.T.: -0.012 min
Response: 1514141
Conc: 1.71 ng/ml



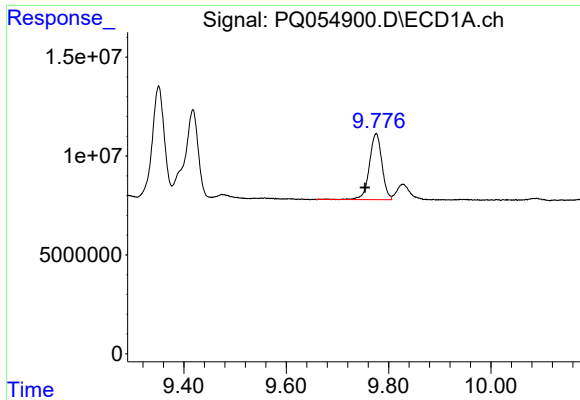
#39 AR-1262-4

R.T.: 9.828 min
Delta R.T.: -0.025 min
Response: 13992575
Conc: 24.80 ng/ml



#39 AR-1262-4

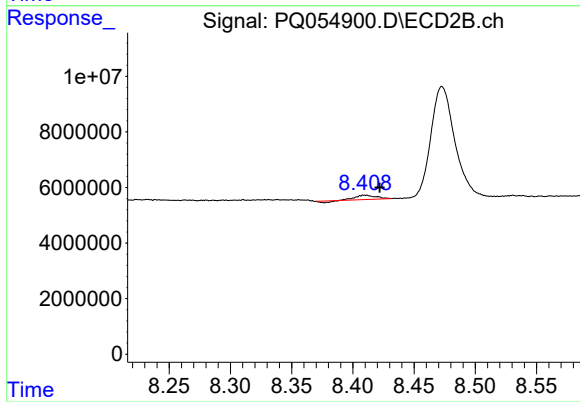
R.T.: 8.473 min
Delta R.T.: -0.013 min
Response: 54401366
Conc: 35.77 ng/ml



#41 AR-1268-1

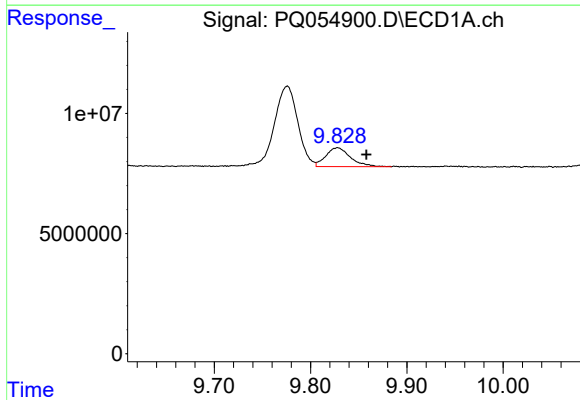
R.T.: 9.776 min
Delta R.T.: 0.022 min
Response: 56781744
Conc: 22.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



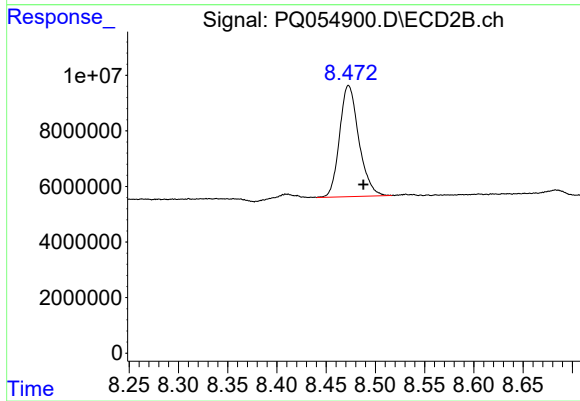
#41 AR-1268-1

R.T.: 8.410 min
Delta R.T.: -0.012 min
Response: 1514141
Conc: 0.56 ng/ml



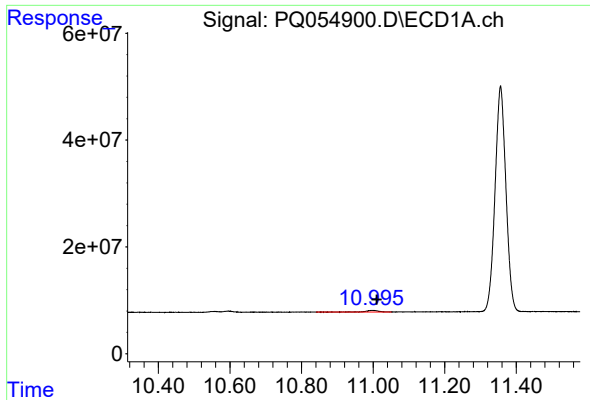
#42 AR-1268-2

R.T.: 9.828 min
Delta R.T.: -0.030 min
Response: 13992575
Conc: 6.12 ng/ml



#42 AR-1268-2

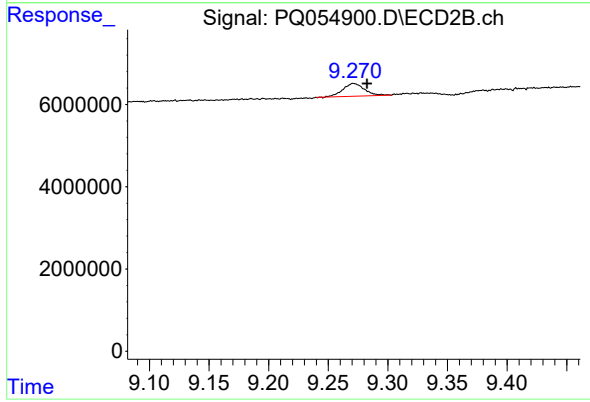
R.T.: 8.473 min
Delta R.T.: -0.015 min
Response: 54401366
Conc: 23.61 ng/ml



#45 AR-1268-5

R.T.: 10.997 min
Delta R.T.: -0.013 min
Response: 7107501
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.271 min
Delta R.T.: -0.011 min
Response: 3945247
Conc: 0.69 ng/ml