

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
 Data File : PQ056686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 21:57
 Operator : YP\AJ
 Sample : N1928-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 23:39:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 09:32:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.530	3.747	244.8E6	194.1E6	16.319	15.983
2)	SA Decachlor...	10.305	8.687	429.2E6	256.8E6	30.170	26.161
Target Compounds							
3)	L1 AR-1016-1	5.735	0.000	4003141	0	12.464	N.D. #
4)	L1 AR-1016-2	5.735	0.000	4003141	0	6.027	N.D. #
5)	L1 AR-1016-3	5.815	5.046f	3440714	12320988	7.849	41.617 #
6)	L1 AR-1016-4	0.000	5.046	0	12320988	N.D.	50.471 #
7)	L1 AR-1016-5	6.181	5.255	4467152	6502681	15.705	20.926 #
9)	L2 AR-1221-2	4.839	0.000	3485843	0	33.943	N.D. #
12)	L3 AR-1232-2	5.435	0.000	5345166	0	33.808	N.D. #
13)	L3 AR-1232-3	5.735	5.046	4003141	12320988	13.965	103.033 #
14)	L3 AR-1232-4	0.000	5.086	0	6668468	N.D.	60.502 #
15)	L3 AR-1232-5	5.974	5.255	12349310	6502681	137.401	52.251 #
16)	L4 AR-1242-1	5.735	0.000	4003141	0	16.223	N.D. #
17)	L4 AR-1242-2	5.735	0.000	4003141	0	7.511	N.D. #
18)	L4 AR-1242-3	5.815	5.046	3440714	12320988	9.671	53.194 #
19)	L4 AR-1242-4	0.000	5.086	0	6668468	N.D.	28.756 #
20)	L4 AR-1242-5	6.627	5.603	37373150	108.5E6	128.598	363.439 #
21)	L5 AR-1248-1	5.735	0.000	4003141	0	23.063	N.D. #
22)	L5 AR-1248-2	5.974	5.046	12349310	12320988	41.958	38.788
23)	L5 AR-1248-3	6.181	5.086	4467152	6668468	12.300	19.935 #
24)	L5 AR-1248-4	6.587	5.255	20499685	6502681	49.942	16.356 #
25)	L5 AR-1248-5	6.627	5.646	37373150	19061303	79.193	46.669 #
26)	L6 AR-1254-1	6.555	5.603	90391317	108.5E6	220.868	161.687 #
27)	L6 AR-1254-2	6.772	5.748	144.7E6	130.7E6	221.971	228.549
28)	L6 AR-1254-3	7.142	6.147	206.6E6	268.0E6	259.418	283.150
29)	L6 AR-1254-4	7.430	6.373	133.6E6	134.4E6	255.730	200.101
30)	L6 AR-1254-5	7.845	6.783	273.0E6	283.9E6	449.274	347.958
31)	L7 AR-1260-1	7.300	6.274	118.1E6	153.3E6	254.217	271.941
32)	L7 AR-1260-2	7.557	6.459	153.0E6	163.4E6	278.034	238.921
33)	L7 AR-1260-3	7.845	6.610	273.0E6	156.5E6	385.291	244.613 #
34)	L7 AR-1260-4	8.143	7.075	147.7E6	83536658	274.083	155.802 #
35)	L7 AR-1260-5	8.473	7.315	268.6E6	280.5E6	231.484	211.192
36)	L8 AR-1262-1	7.913	6.783	87523145	283.9E6	123.611	673.092 #
37)	L8 AR-1262-2	8.473	7.315	268.6E6	280.5E6	181.054	175.119
38)	L8 AR-1262-3	8.787	7.595	54069700	53735624	78.356	90.148
39)	L8 AR-1262-4	8.865	7.658	122.3E6	210.6E6	180.748	182.350
40)	L8 AR-1262-5	9.553	8.150	122.1E6	76230659	192.194	153.476
41)	L9 AR-1268-1	8.787	7.595	54069700	53735624	29.172	29.584
42)	L9 AR-1268-2	8.865	7.658	122.3E6	210.6E6	61.137	127.263 #
43)	L9 AR-1268-3	9.111	7.862	6118742	2644324	3.489	1.929 #
44)	L9 AR-1268-4	9.553	8.150	122.1E6	76230659	174.301	137.146

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Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 16 09:32:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.966	8.438	36288649	19590772	5.967	4.509

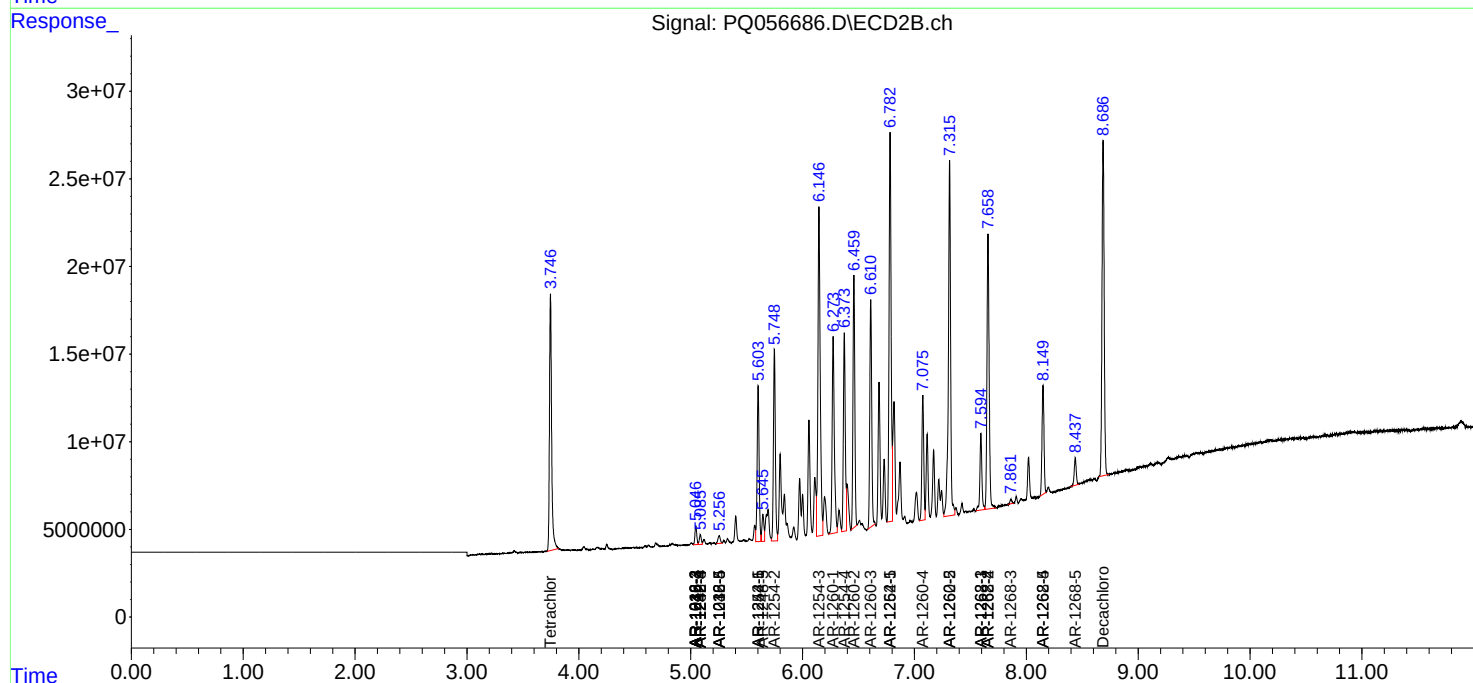
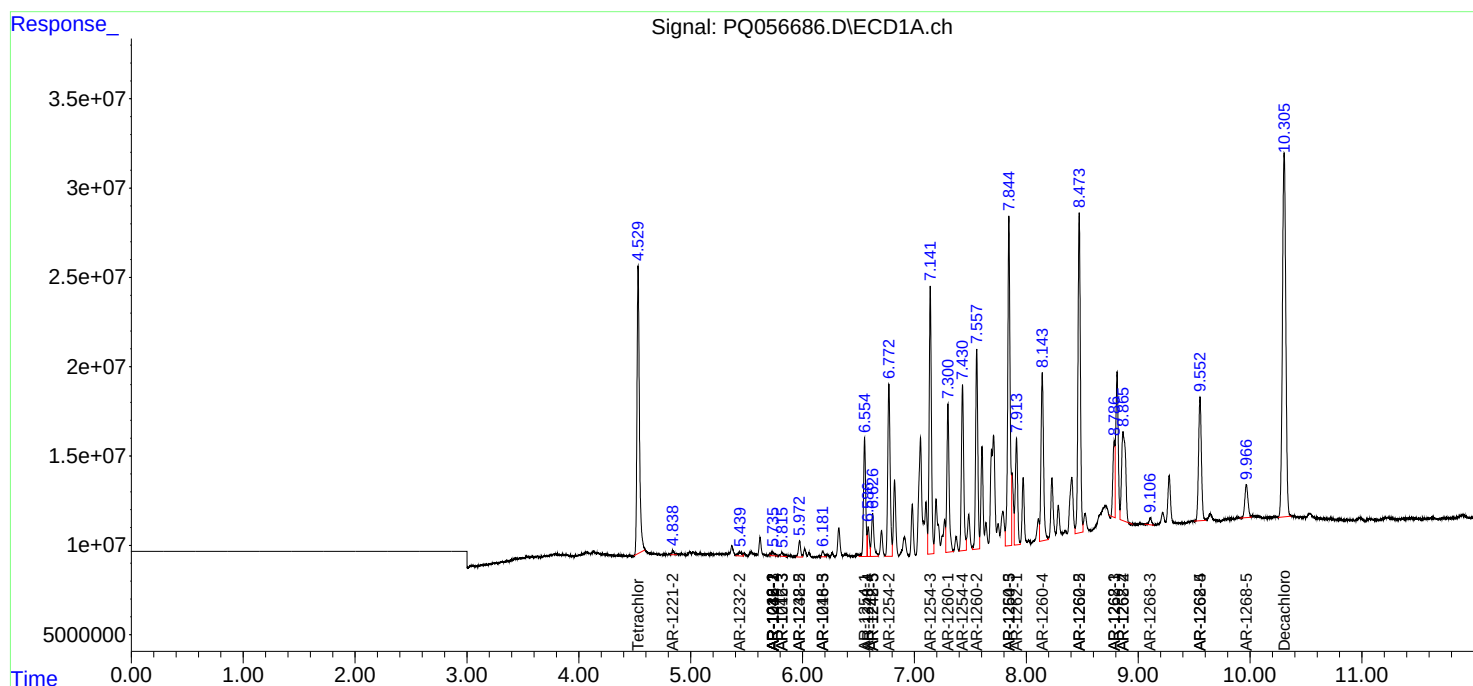
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

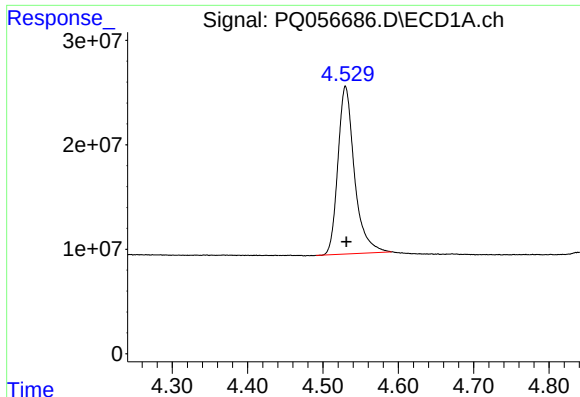
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
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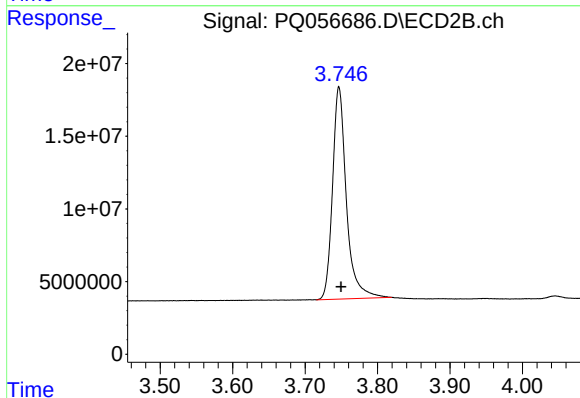




#1 Tetrachloro-m-xylene

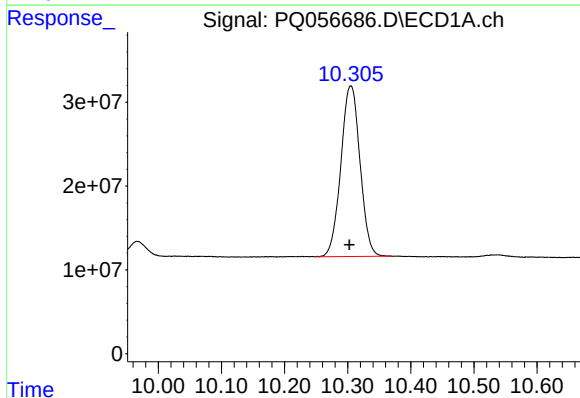
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 244782675
Conc: 16.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



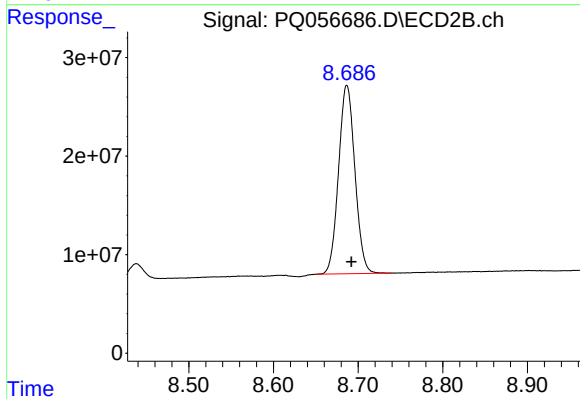
#1 Tetrachloro-m-xylene

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 194050605
Conc: 15.98 ng/ml



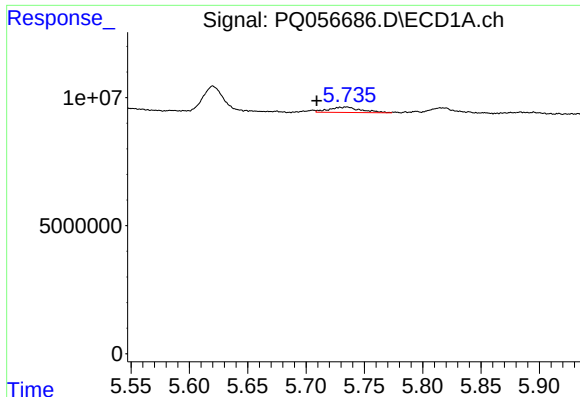
#2 Decachlorobiphenyl

R.T.: 10.305 min
Delta R.T.: 0.002 min
Response: 429224596
Conc: 30.17 ng/ml



#2 Decachlorobiphenyl

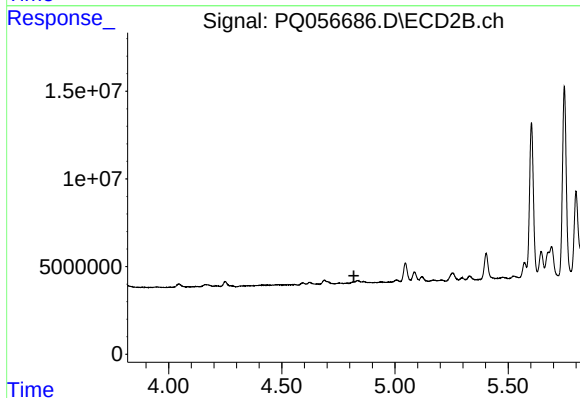
R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 256756942
Conc: 26.16 ng/ml



#3 AR-1016-1

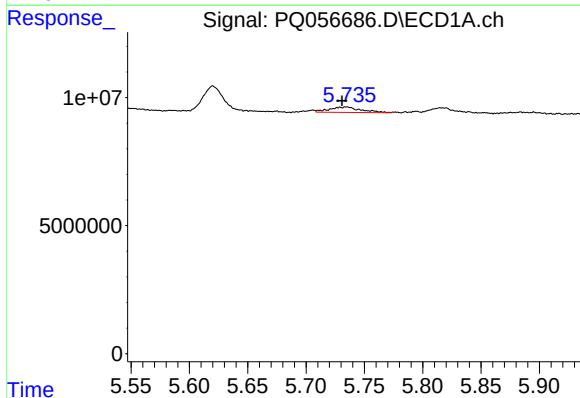
R.T.: 5.735 min
Delta R.T.: 0.026 min
Response: 4003141
Conc: 12.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



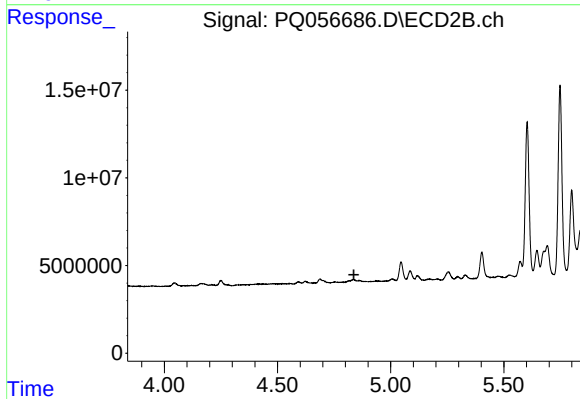
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



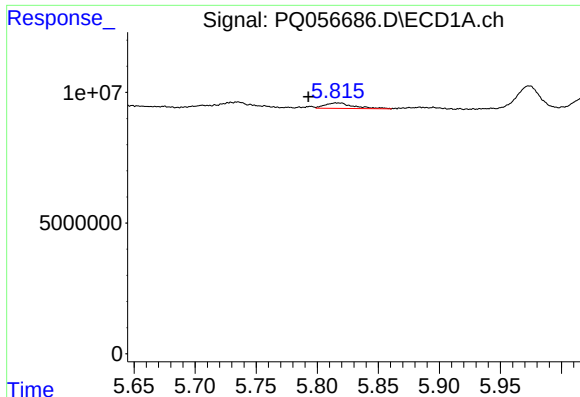
#4 AR-1016-2

R.T.: 5.735 min
Delta R.T.: 0.004 min
Response: 4003141
Conc: 6.03 ng/ml



#4 AR-1016-2

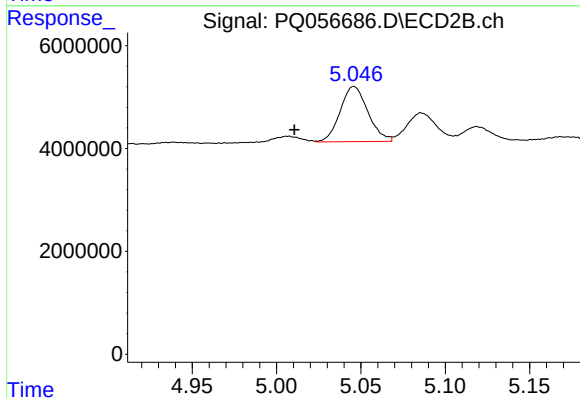
R.T.: 0.000 min
Exp R.T. : 4.837 min
Response: 0
Conc: N.D.



#5 AR-1016-3

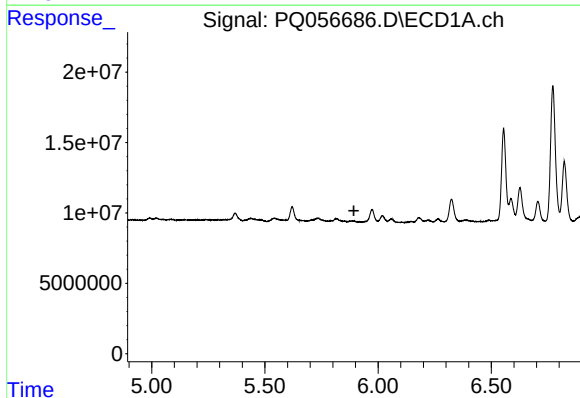
R.T.: 5.815 min
Delta R.T.: 0.022 min
Response: 3440714
Conc: 7.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



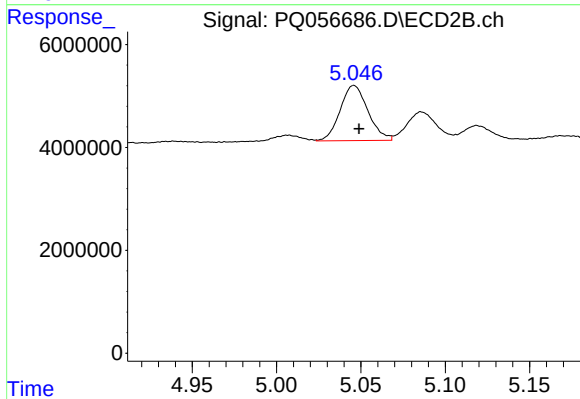
#5 AR-1016-3

R.T.: 5.046 min
Delta R.T.: 0.035 min
Response: 12320988
Conc: 41.62 ng/ml



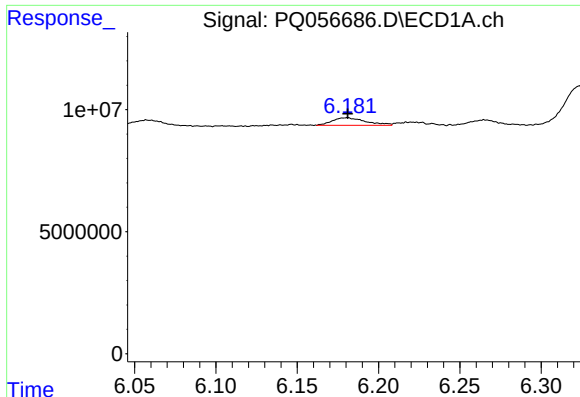
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



#6 AR-1016-4

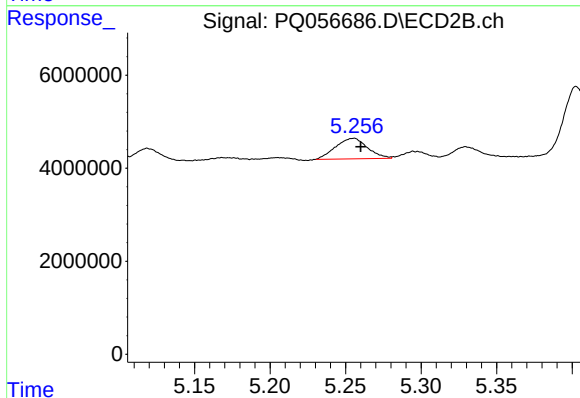
R.T.: 5.046 min
Delta R.T.: -0.003 min
Response: 12320988
Conc: 50.47 ng/ml



#7 AR-1016-5

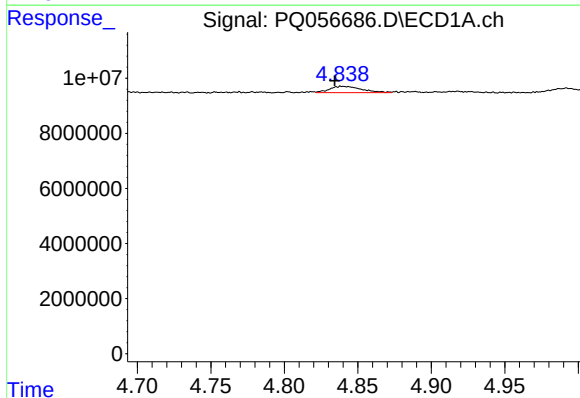
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4467152
Conc: 15.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



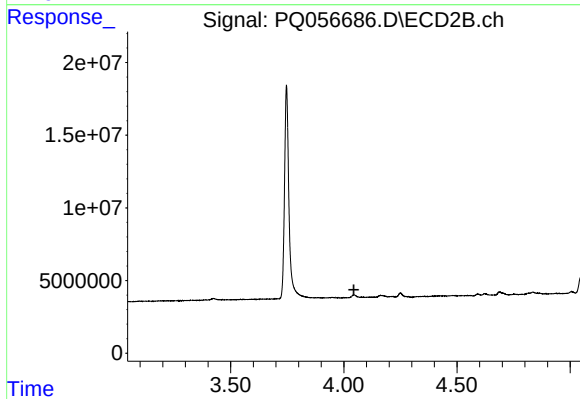
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 6502681
Conc: 20.93 ng/ml



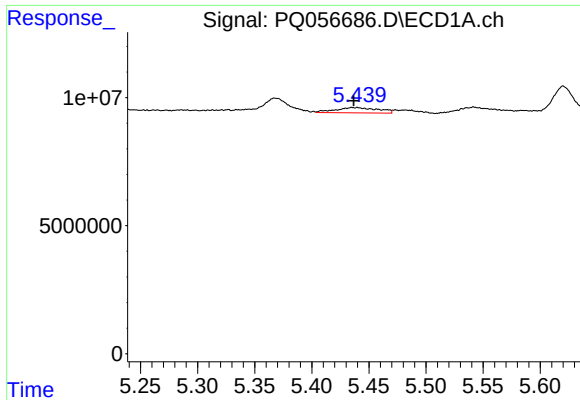
#9 AR-1221-2

R.T.: 4.839 min
Delta R.T.: 0.004 min
Response: 3485843
Conc: 33.94 ng/ml



#9 AR-1221-2

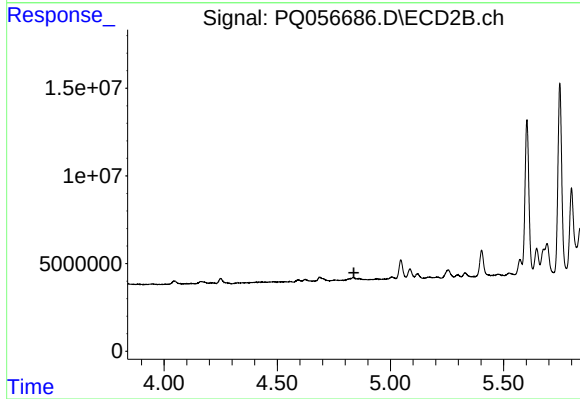
R.T.: 0.000 min
Exp R.T. : 4.044 min
Response: 0
Conc: N.D.



#12 AR-1232-2

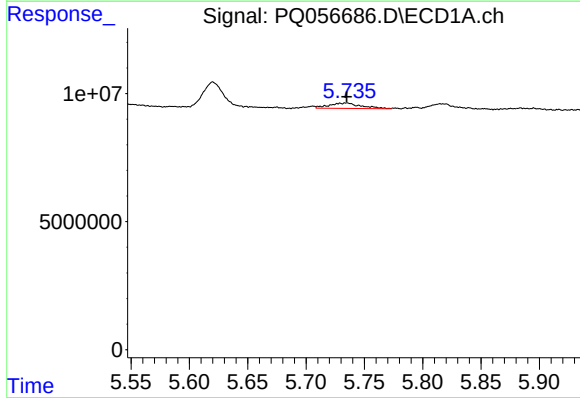
R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 5345166
Conc: 33.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



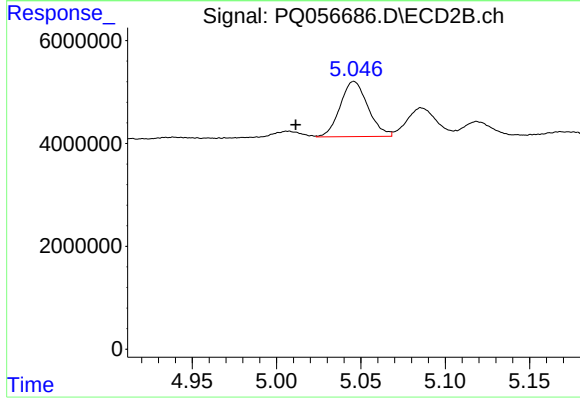
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.838 min
Response: 0
Conc: N.D.



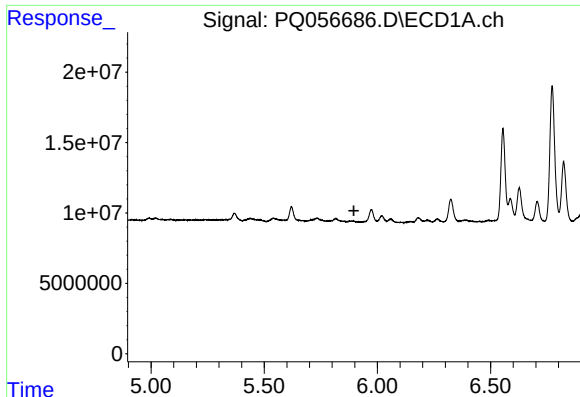
#13 AR-1232-3

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 4003141
Conc: 13.97 ng/ml



#13 AR-1232-3

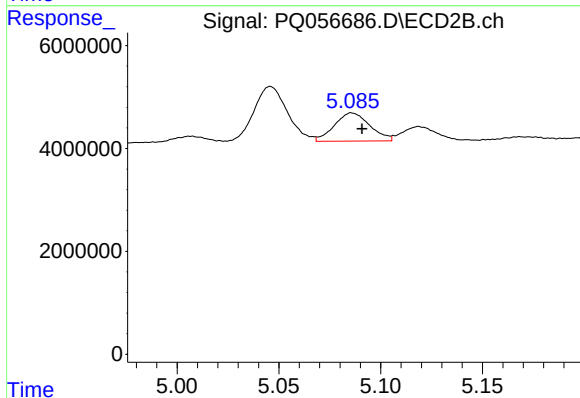
R.T.: 5.046 min
Delta R.T.: 0.035 min
Response: 12320988
Conc: 103.03 ng/ml



#14 AR-1232-4

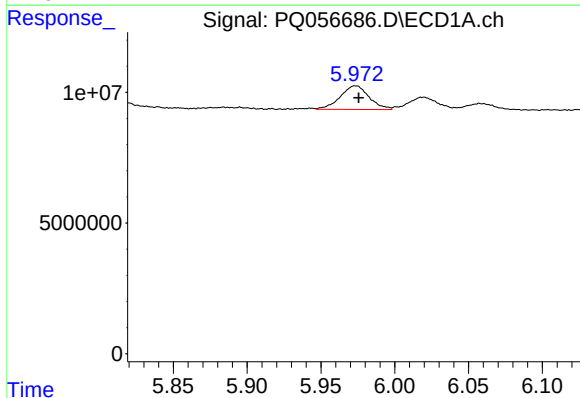
R.T.: 0.000 min
Exp R.T.: 5.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



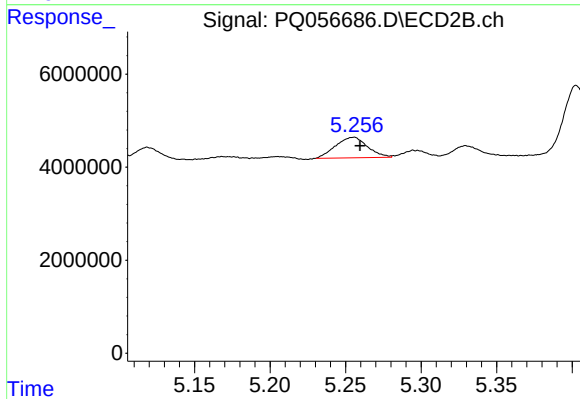
#14 AR-1232-4

R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 6668468
Conc: 60.50 ng/ml



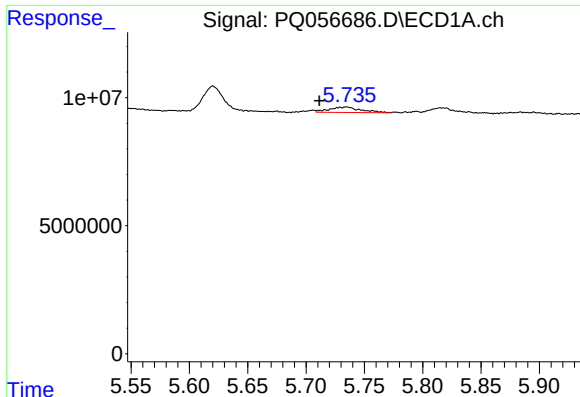
#15 AR-1232-5

R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 12349310
Conc: 137.40 ng/ml



#15 AR-1232-5

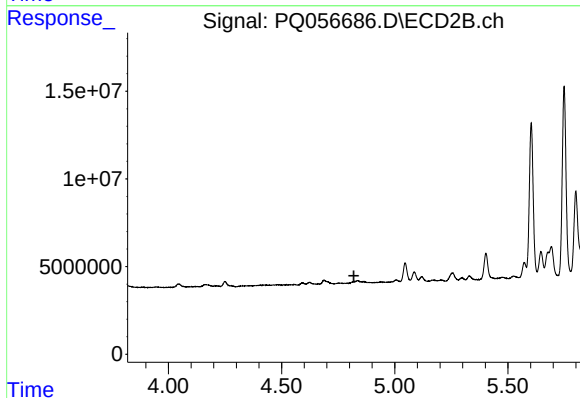
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 6502681
Conc: 52.25 ng/ml



#16 AR-1242-1

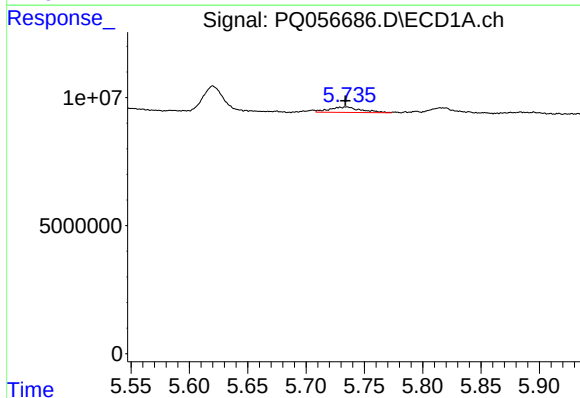
R.T.: 5.735 min
Delta R.T.: 0.024 min
Response: 4003141
Conc: 16.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



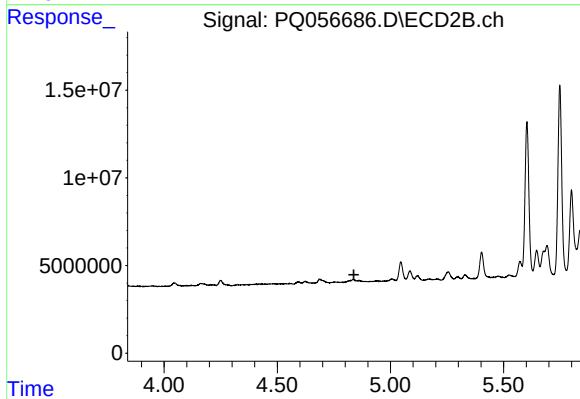
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



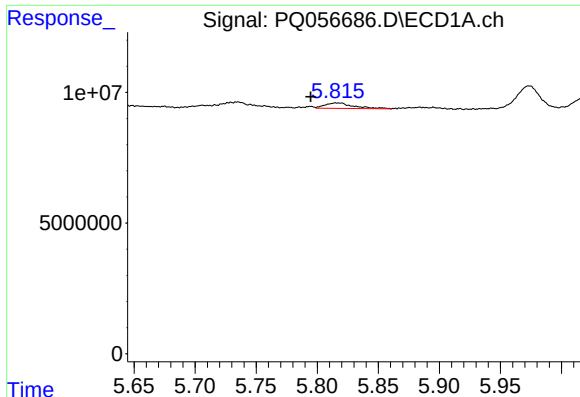
#17 AR-1242-2

R.T.: 5.735 min
Delta R.T.: 0.002 min
Response: 4003141
Conc: 7.51 ng/ml



#17 AR-1242-2

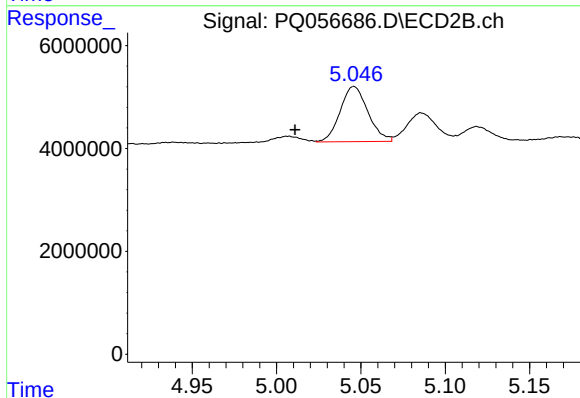
R.T.: 0.000 min
Exp R.T. : 4.839 min
Response: 0
Conc: N.D.



#18 AR-1242-3

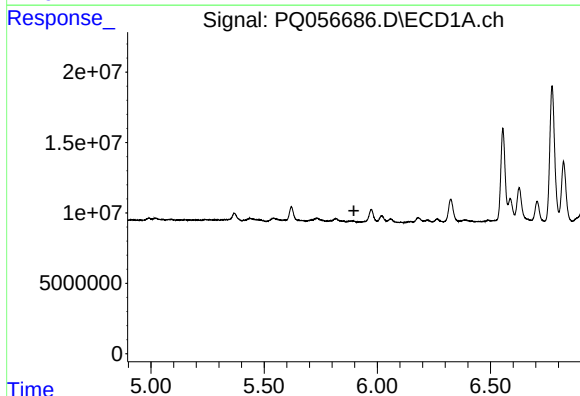
R.T.: 5.815 min
Delta R.T.: 0.020 min
Response: 3440714
Conc: 9.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



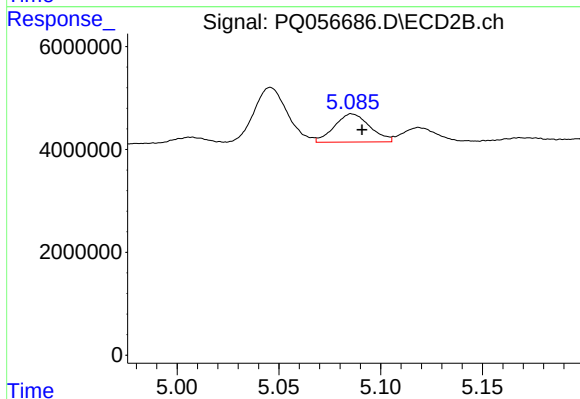
#18 AR-1242-3

R.T.: 5.046 min
Delta R.T.: 0.035 min
Response: 12320988
Conc: 53.19 ng/ml



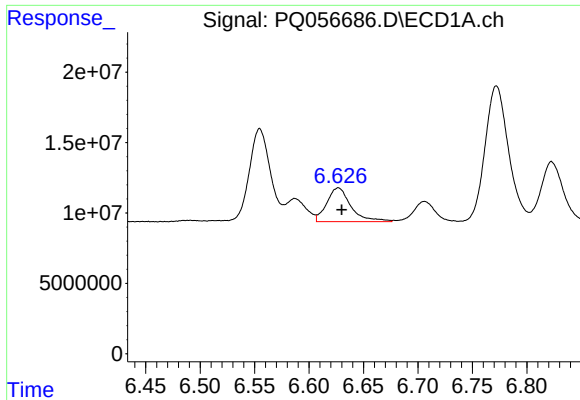
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#19 AR-1242-4

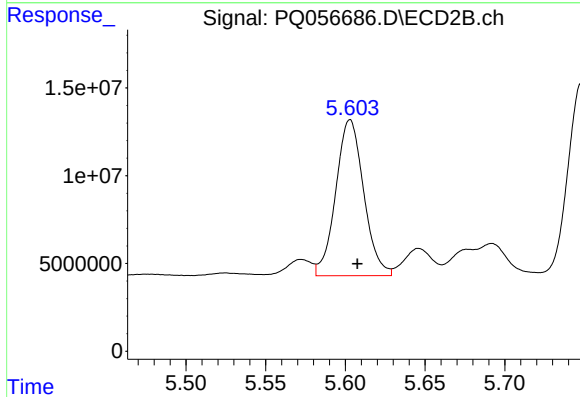
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 6668468
Conc: 28.76 ng/ml



#20 AR-1242-5

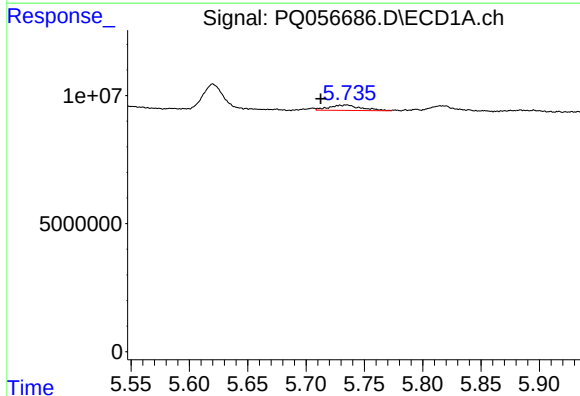
R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 37373150
Conc: 128.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



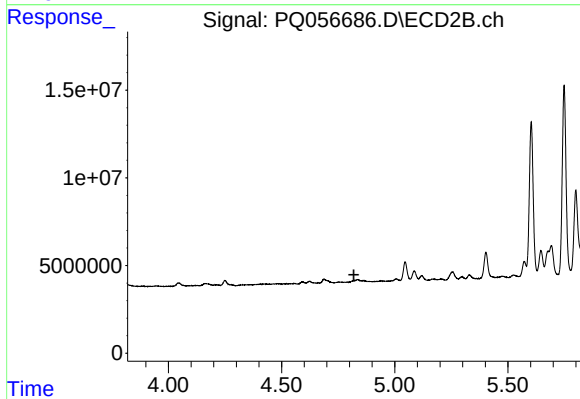
#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 108544178
Conc: 363.44 ng/ml



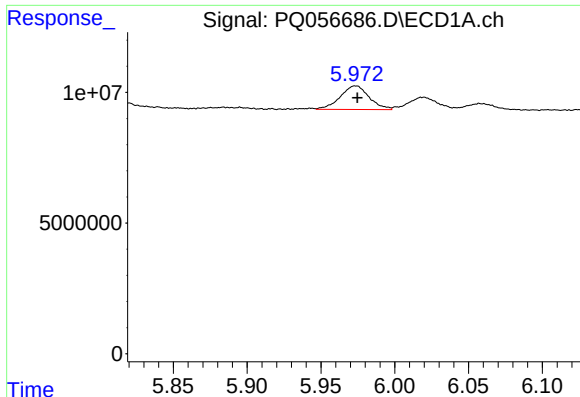
#21 AR-1248-1

R.T.: 5.735 min
Delta R.T.: 0.023 min
Response: 4003141
Conc: 23.06 ng/ml



#21 AR-1248-1

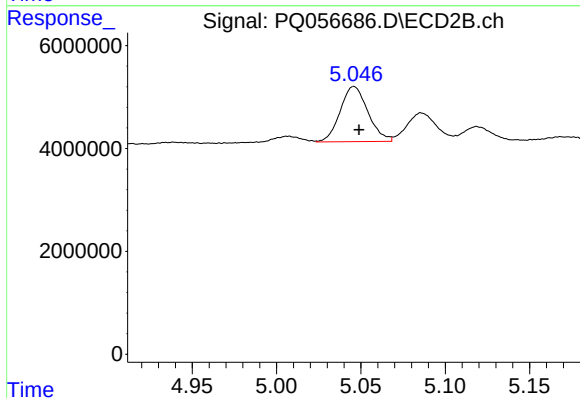
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#22 AR-1248-2

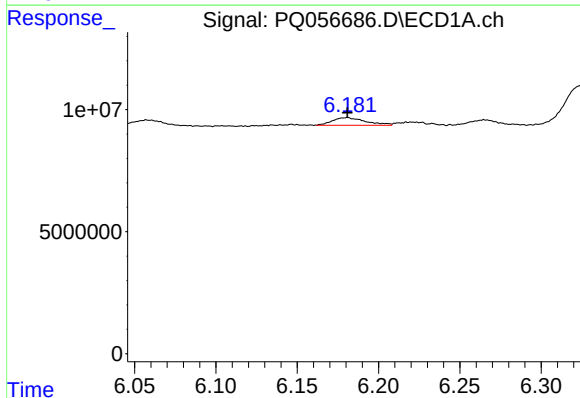
R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 12349310
Conc: 41.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



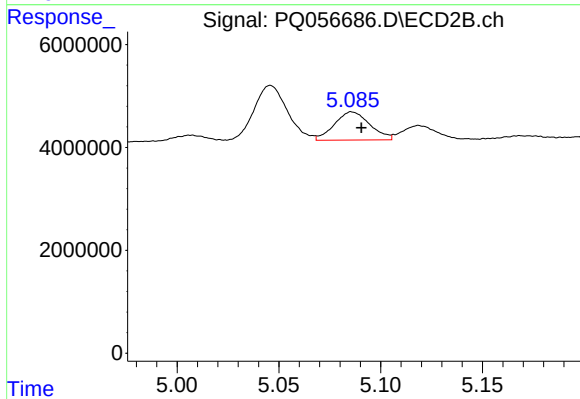
#22 AR-1248-2

R.T.: 5.046 min
Delta R.T.: -0.003 min
Response: 12320988
Conc: 38.79 ng/ml



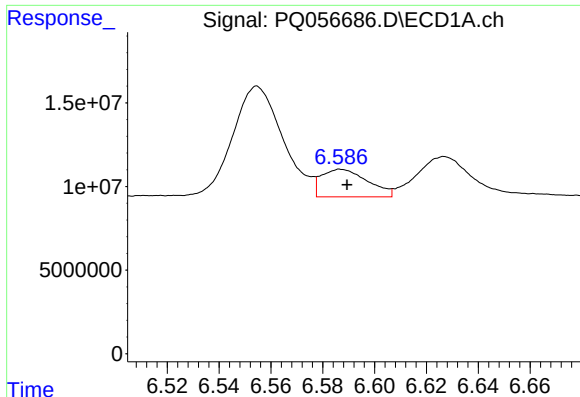
#23 AR-1248-3

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4467152
Conc: 12.30 ng/ml



#23 AR-1248-3

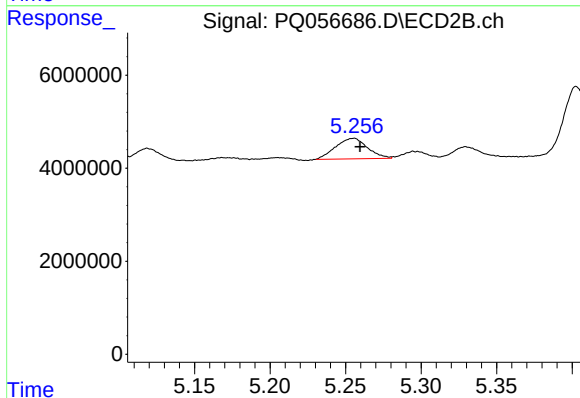
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 6668468
Conc: 19.94 ng/ml



#24 AR-1248-4

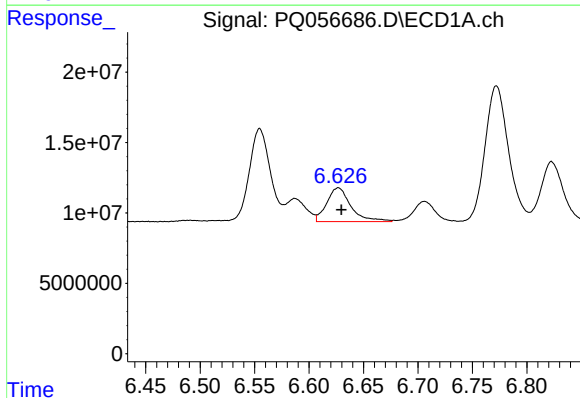
R.T.: 6.587 min
Delta R.T.: -0.003 min
Response: 20499685
Conc: 49.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



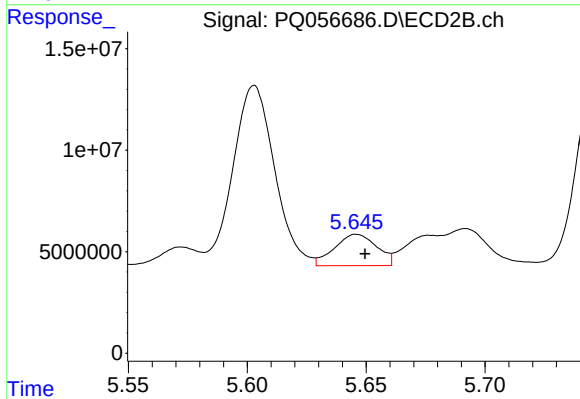
#24 AR-1248-4

R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 6502681
Conc: 16.36 ng/ml



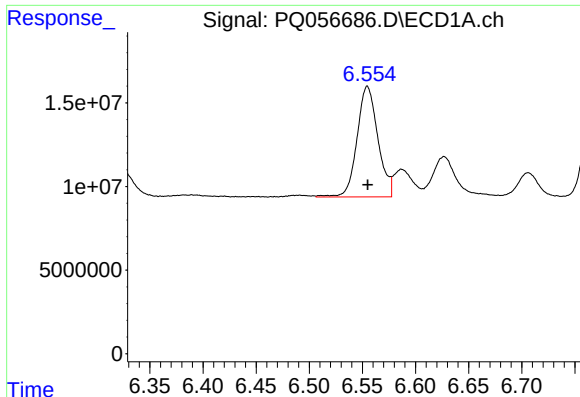
#25 AR-1248-5

R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 37373150
Conc: 79.19 ng/ml



#25 AR-1248-5

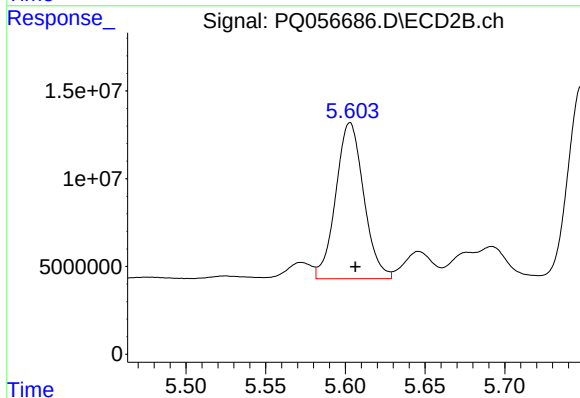
R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 19061303
Conc: 46.67 ng/ml



#26 AR-1254-1

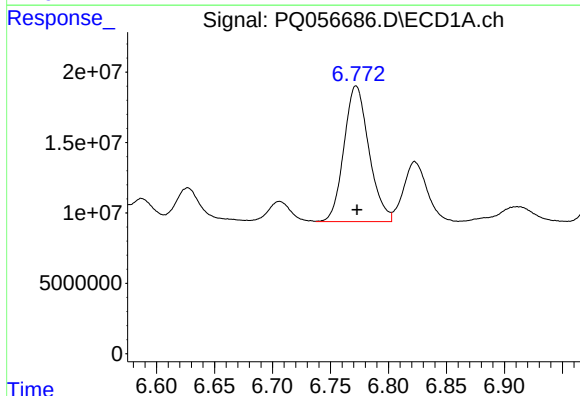
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 90391317
Conc: 220.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



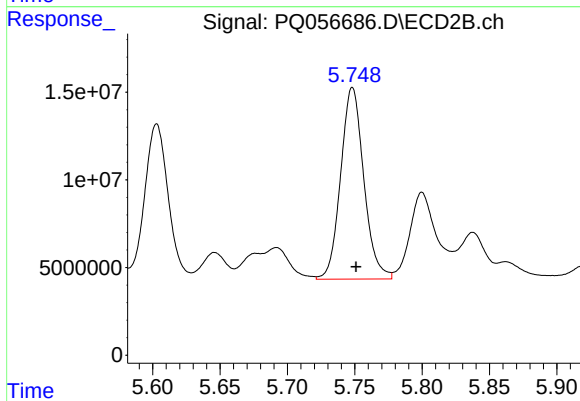
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 108544178
Conc: 161.69 ng/ml



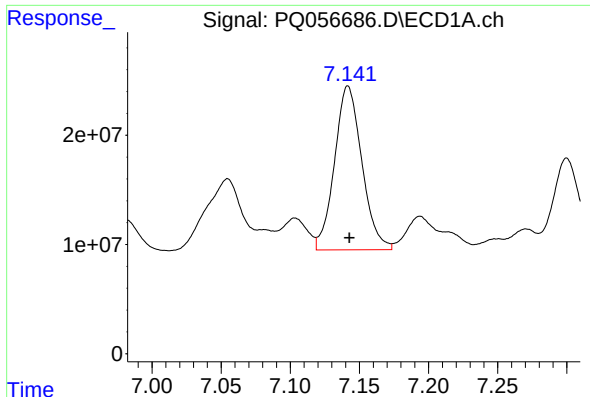
#27 AR-1254-2

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 144674224
Conc: 221.97 ng/ml



#27 AR-1254-2

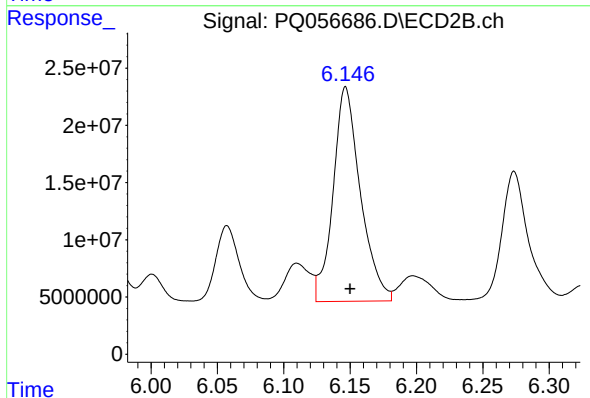
R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 130675393
Conc: 228.55 ng/ml



#28 AR-1254-3

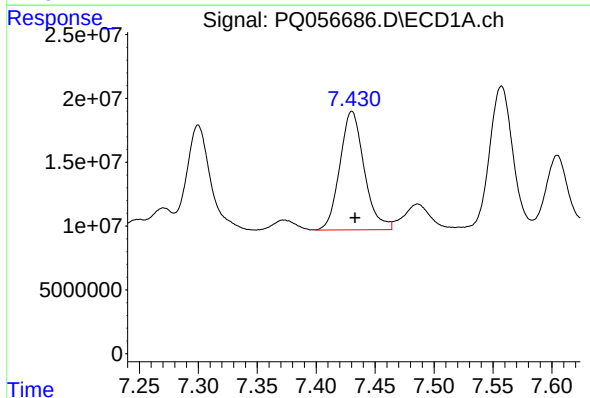
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 206609841
Conc: 259.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



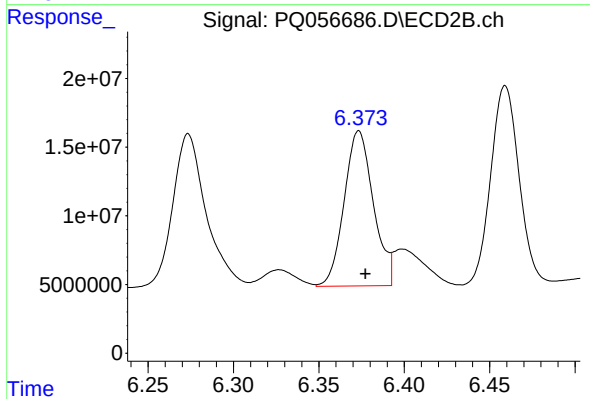
#28 AR-1254-3

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 267956313
Conc: 283.15 ng/ml



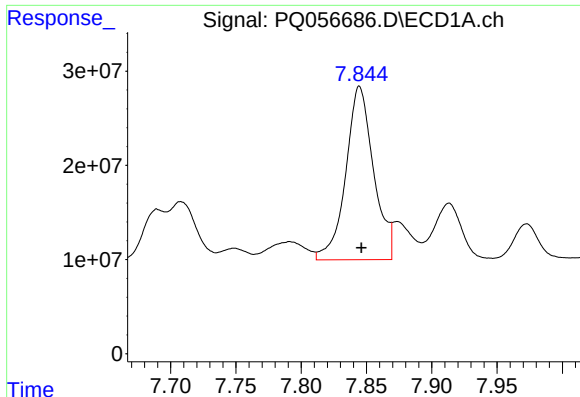
#29 AR-1254-4

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 133550957
Conc: 255.73 ng/ml



#29 AR-1254-4

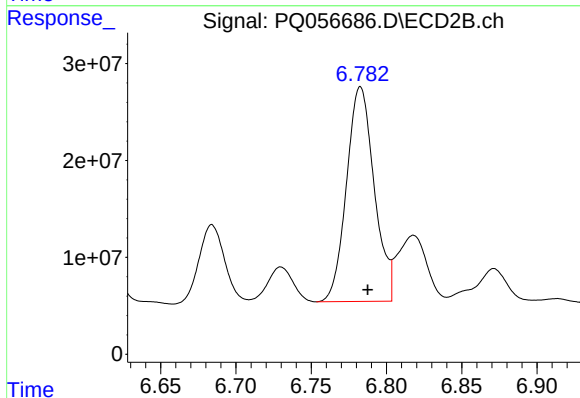
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 134431400
Conc: 200.10 ng/ml



#30 AR-1254-5

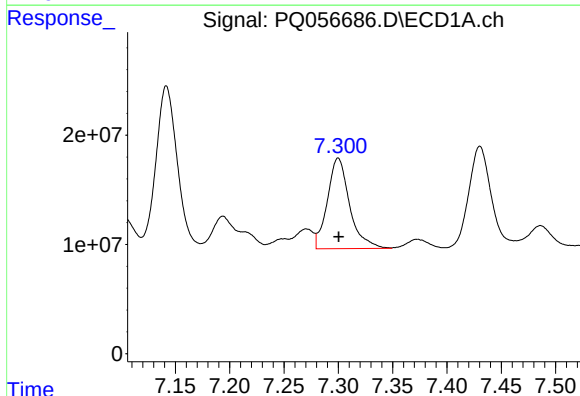
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 273031505
Conc: 449.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



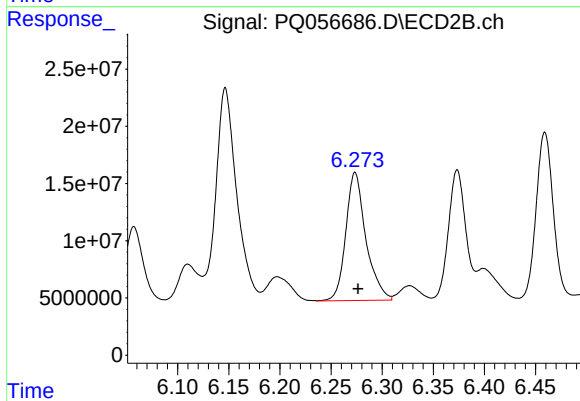
#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 283918230
Conc: 347.96 ng/ml



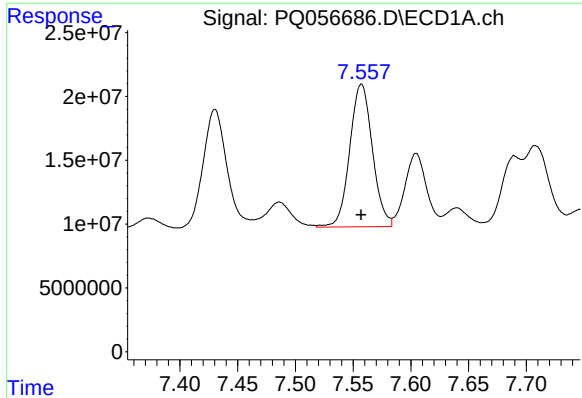
#31 AR-1260-1

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 118053665
Conc: 254.22 ng/ml



#31 AR-1260-1

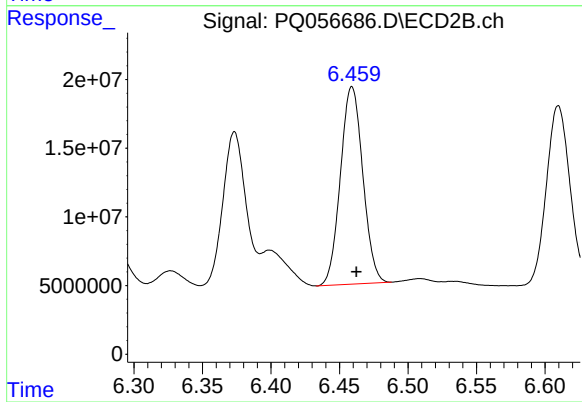
R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 153343019
Conc: 271.94 ng/ml



#32 AR-1260-2

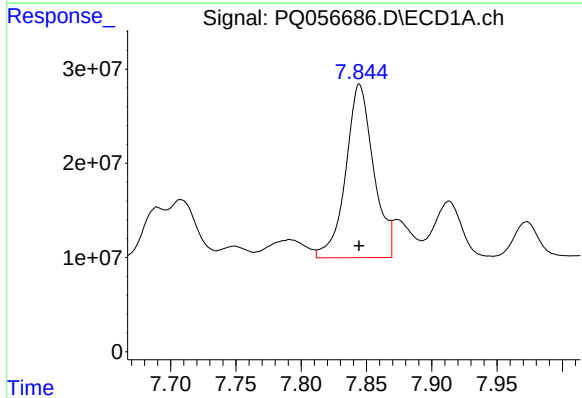
R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 152971416
Conc: 278.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



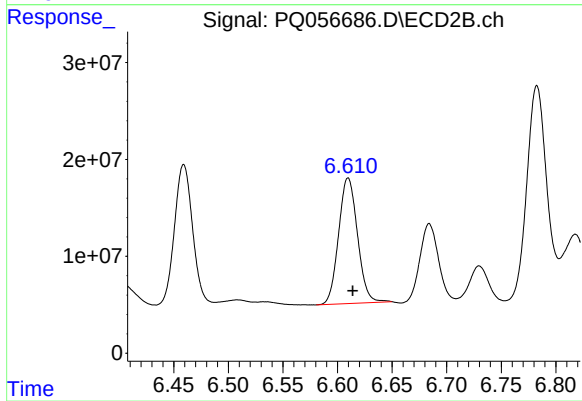
#32 AR-1260-2

R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 163403608
Conc: 238.92 ng/ml



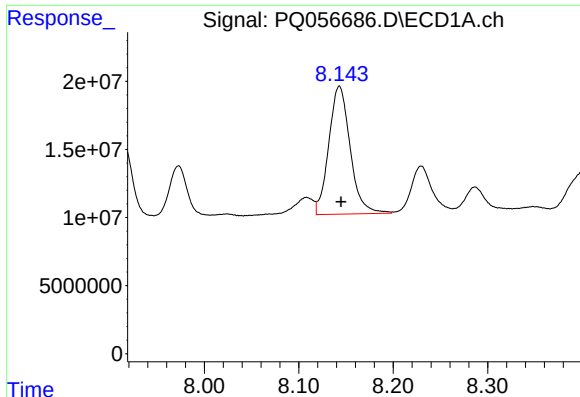
#33 AR-1260-3

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 273031505
Conc: 385.29 ng/ml



#33 AR-1260-3

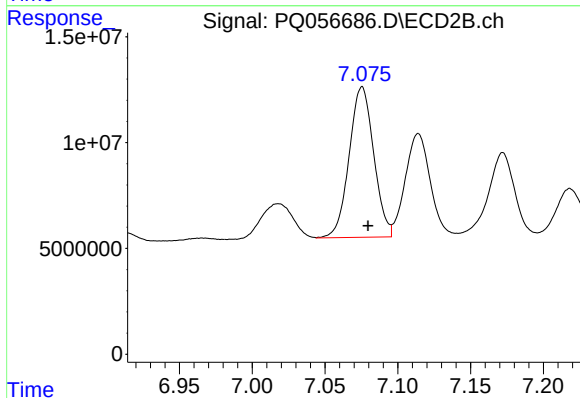
R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 156487938
Conc: 244.61 ng/ml



#34 AR-1260-4

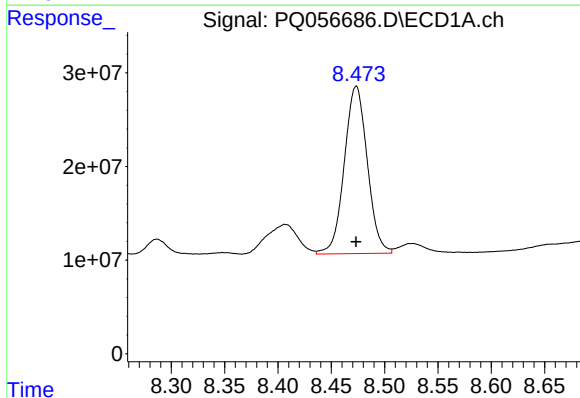
R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 147697314
Conc: 274.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



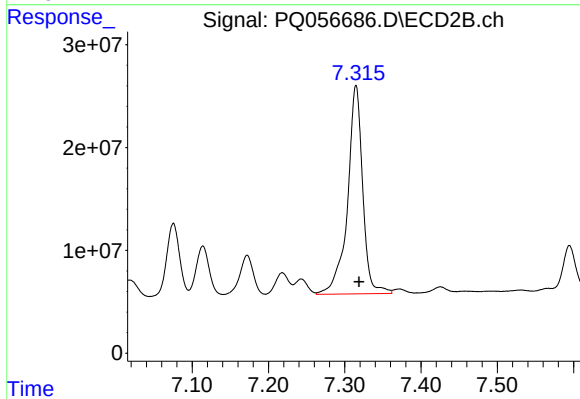
#34 AR-1260-4

R.T.: 7.075 min
Delta R.T.: -0.004 min
Response: 83536658
Conc: 155.80 ng/ml



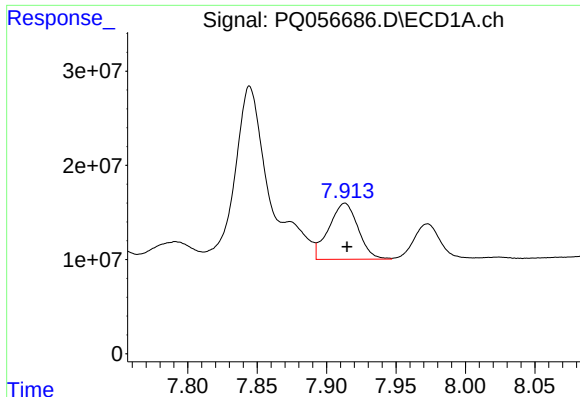
#35 AR-1260-5

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 268552811
Conc: 231.48 ng/ml



#35 AR-1260-5

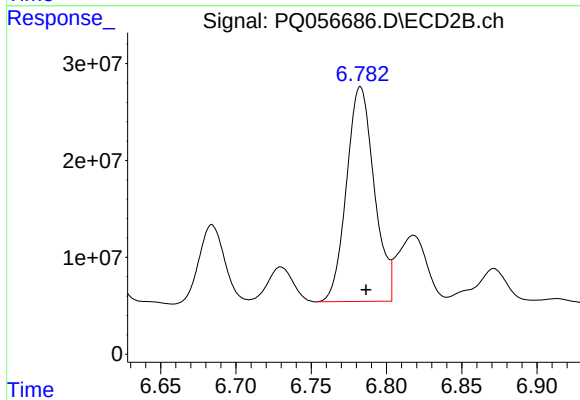
R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 280486121
Conc: 211.19 ng/ml



#36 AR-1262-1

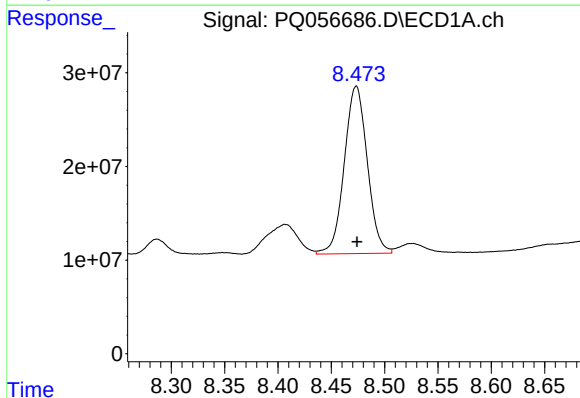
R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 87523145
Conc: 123.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



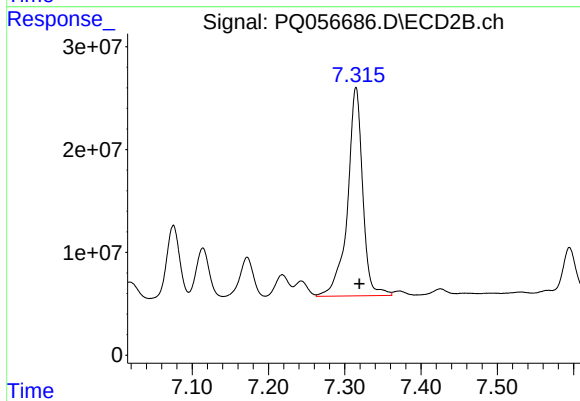
#36 AR-1262-1

R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 283918230
Conc: 673.09 ng/ml



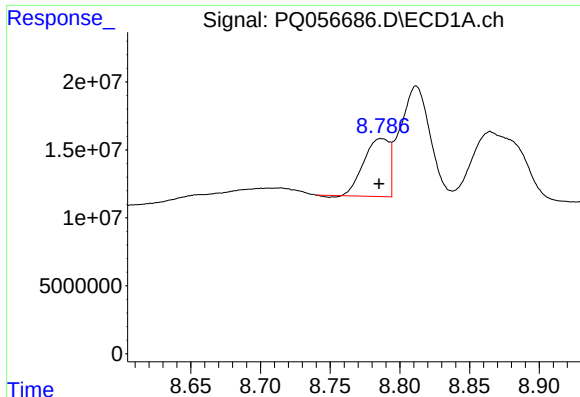
#37 AR-1262-2

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 268552811
Conc: 181.05 ng/ml



#37 AR-1262-2

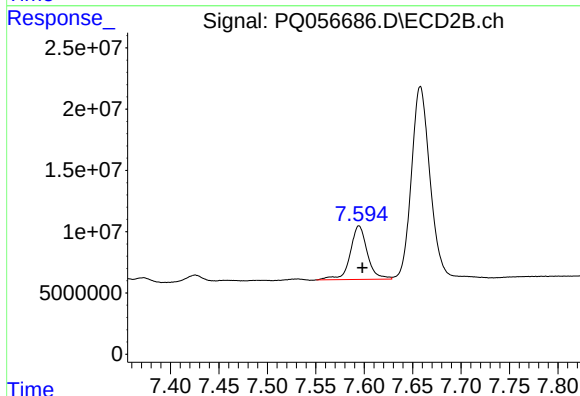
R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 280486121
Conc: 175.12 ng/ml



#38 AR-1262-3

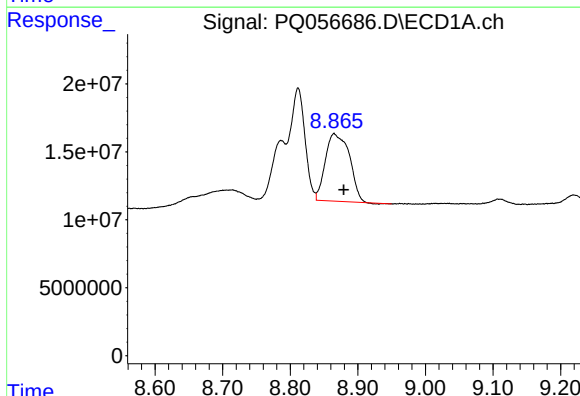
R.T.: 8.787 min
Delta R.T.: 0.002 min
Response: 54069700
Conc: 78.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



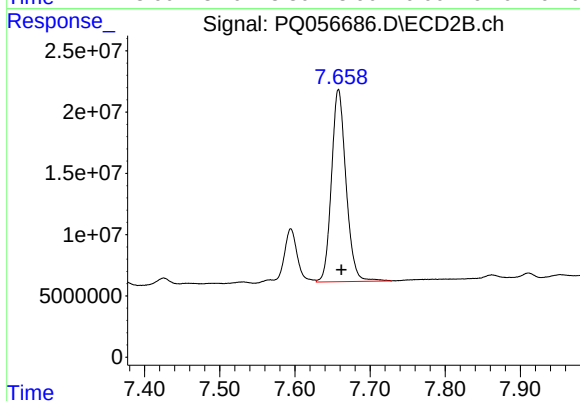
#38 AR-1262-3

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 53735624
Conc: 90.15 ng/ml



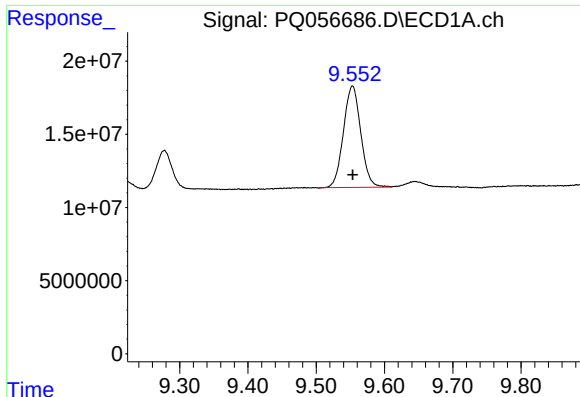
#39 AR-1262-4

R.T.: 8.865 min
Delta R.T.: -0.014 min
Response: 122342349
Conc: 180.75 ng/ml



#39 AR-1262-4

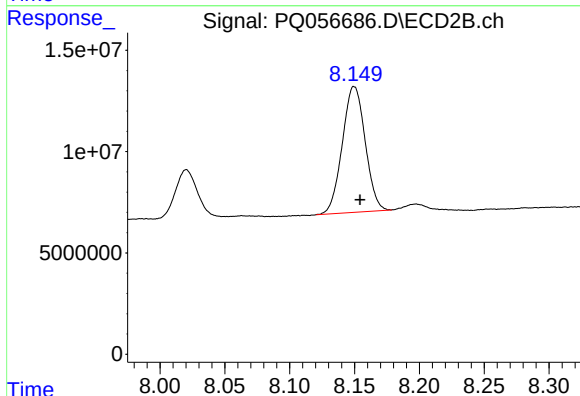
R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 210585040
Conc: 182.35 ng/ml



#40 AR-1262-5

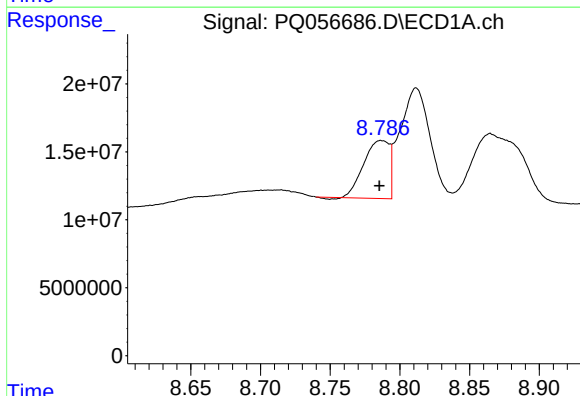
R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 122108866
Conc: 192.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



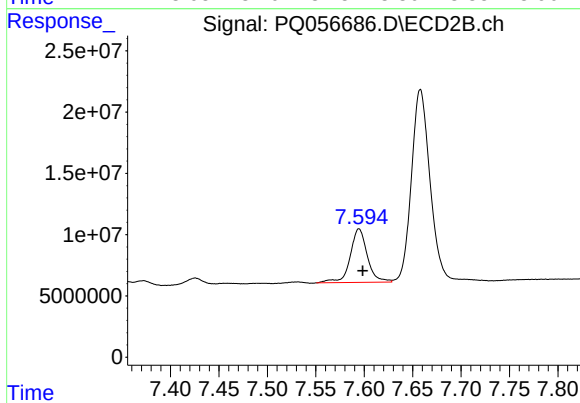
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: -0.004 min
Response: 76230659
Conc: 153.48 ng/ml



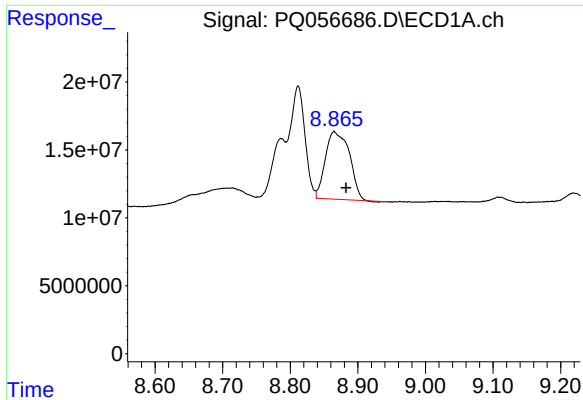
#41 AR-1268-1

R.T.: 8.787 min
Delta R.T.: 0.001 min
Response: 54069700
Conc: 29.17 ng/ml



#41 AR-1268-1

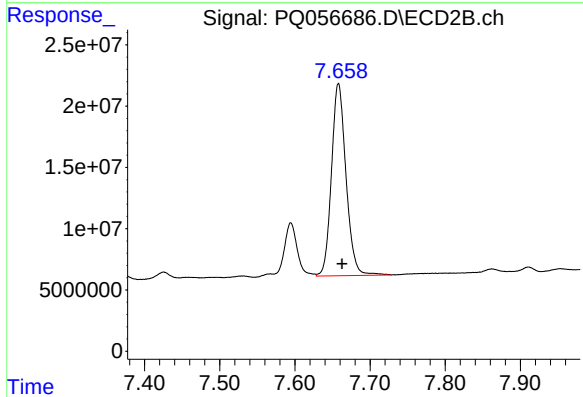
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 53735624
Conc: 29.58 ng/ml



#42 AR-1268-2

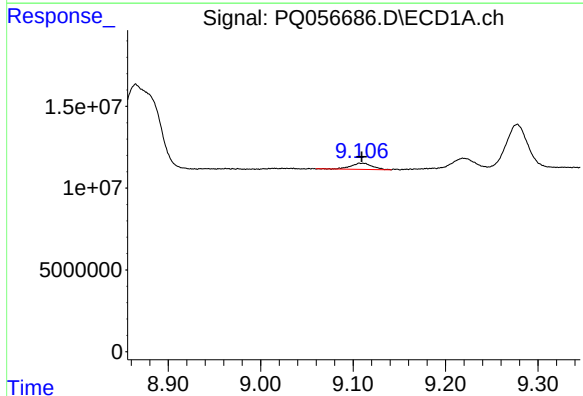
R.T.: 8.865 min
Delta R.T.: -0.018 min
Response: 122342349
Conc: 61.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



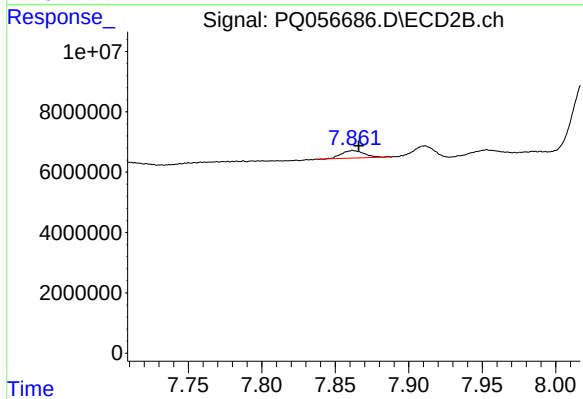
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 210585040
Conc: 127.26 ng/ml



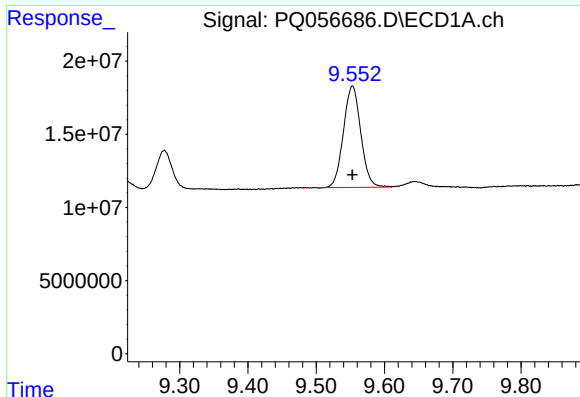
#43 AR-1268-3

R.T.: 9.111 min
Delta R.T.: 0.001 min
Response: 6118742
Conc: 3.49 ng/ml



#43 AR-1268-3

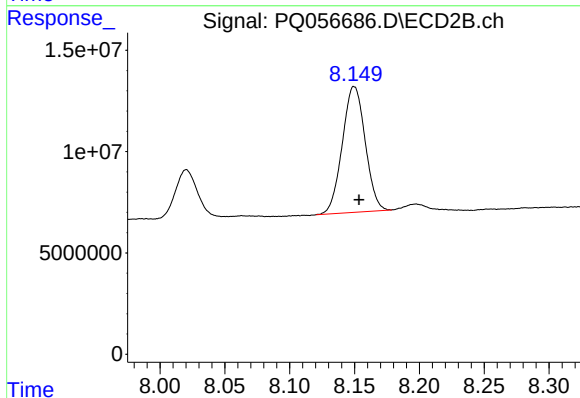
R.T.: 7.862 min
Delta R.T.: -0.004 min
Response: 2644324
Conc: 1.93 ng/ml



#44 AR-1268-4

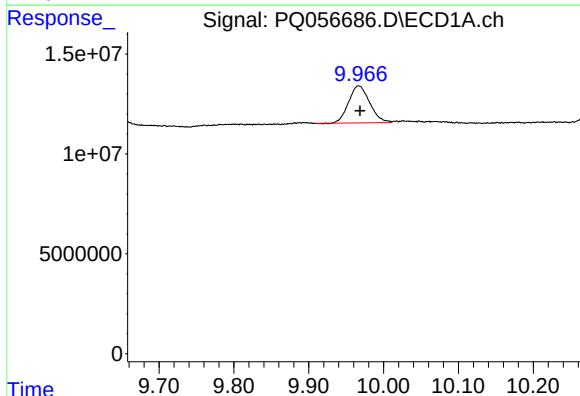
R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 122108866
Conc: 174.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



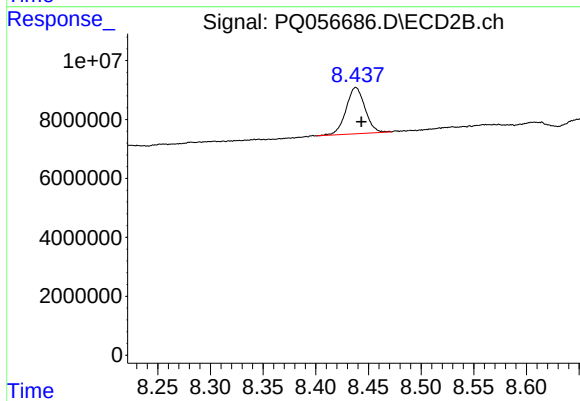
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: -0.004 min
Response: 76230659
Conc: 137.15 ng/ml



#45 AR-1268-5

R.T.: 9.966 min
Delta R.T.: -0.002 min
Response: 36288649
Conc: 5.97 ng/ml



#45 AR-1268-5

R.T.: 8.438 min
Delta R.T.: -0.005 min
Response: 19590772
Conc: 4.51 ng/ml