

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061820\
 Data File : PQ048474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2020 14:35
 Operator : AJ\MA
 Sample : L2817-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SU-04-061720

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 17:39:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 17 15:37:20 2020
 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...	5.293	4.292	156.6E6	76572542	21.248	21.688
2)	SA Decachlor...	11.562	9.660	186.7E6	77818302	19.292	16.171
Target Compounds							
3)	L1 AR-1016-1	6.644	5.588	18853984	2238219	65.699	15.841 #
4)	L1 AR-1016-2	6.644	5.588	18853984	2238219	47.569	11.593 #
5)	L1 AR-1016-3	6.728	5.766	15944636	7200489	64.634	75.798
6)	L1 AR-1016-4	6.790	5.766	90543290	7200489	444.177	92.765 #
7)	L1 AR-1016-5	7.120	6.060	54312514	19999736	267.763	186.016 #
9)	L2 AR-1221-2	5.652	0.000	15536528	0	269.760	N.D. #
10)	L2 AR-1221-3	5.746	4.740	26123780	1810739	145.724	21.138 #
11)	L3 AR-1232-1	5.746	4.740	26123780	1810739	206.009	30.376 #
12)	L3 AR-1232-2	6.313	5.588	37258850	2238219	562.223	33.930 #
13)	L3 AR-1232-3	6.644	5.766	18853984	7200489	135.742	219.038 #
14)	L3 AR-1232-4	6.790	5.890	90543290	12557646	1280.468	404.073 #
15)	L3 AR-1232-5	6.914	6.060	13276708	19999736	237.330	568.946 #
16)	L4 AR-1242-1	6.644	5.588	18853984	2238219	89.386	21.633 #
17)	L4 AR-1242-2	6.644	5.588	18853984	2238219	63.809	15.872 #
18)	L4 AR-1242-3	6.728	5.766	15944636	7200489	86.756	101.097
19)	L4 AR-1242-4	6.790	5.890	90543290	12557646	597.810	172.073 #
20)	L4 AR-1242-5	7.631	6.431	53243708	58418517	301.339	560.587 #
21)	L5 AR-1248-1	6.644	5.588	18853984	2238219	117.176	28.749 #
22)	L5 AR-1248-2	6.914	5.766	13276708	7200489	59.785	71.450
23)	L5 AR-1248-3	7.120	5.890	54312514	12557646	218.215	120.206 #
24)	L5 AR-1248-4	7.580	6.060	257.3E6	19999736	865.149	152.036 #
25)	L5 AR-1248-5	7.631	6.480	53243708	13120884	188.206	96.299 #
26)	L6 AR-1254-1	7.521	6.431	78454738	58418517	259.309	261.182
27)	L6 AR-1254-2	7.785	6.585	85518729	8249537	178.463	41.505 #
28)	L6 AR-1254-3	8.165	7.032	45526308	11836719	86.440	34.456 #
29)	L6 AR-1254-4	8.435	7.266	30703684	7728367	74.376	34.287 #
30)	L6 AR-1254-5	8.901	7.679	44835470	8104169	98.015	25.593 #
31)	L7 AR-1260-1	8.315	7.153	15027325	5247714	39.859	24.159 #
32)	L7 AR-1260-2	8.585	7.344	87972435	5305854	191.511	19.676 #
33)	L7 AR-1260-3	8.955	7.498	9144244	3187814	24.900	12.877 #
34)	L7 AR-1260-4	9.196	7.927	2317215	2017999	5.409	9.439 #
35)	L7 AR-1260-5	9.554	8.229	2770150	1940464	3.090	3.596
36)	L8 AR-1262-1	8.955	7.679	9144244	8104169	16.200	46.739 #
37)	L8 AR-1262-2	9.554	8.229	2770150	1940464	2.521	2.911
38)	L8 AR-1262-3	9.894	8.583	1930530	1702369	3.920	6.822 #
39)	L8 AR-1262-4	9.996	8.583	3373990	1702369	5.881	3.540 #
41)	L9 AR-1268-1	9.894	8.583	1930530	1702369	1.468	2.236 #
42)	L9 AR-1268-2	9.996	8.583	3373990	1702369	2.730	2.429
43)	L9 AR-1268-3	10.244	0.000	4058065	0	3.889	N.D. #

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 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
45) L9	AR-1268-5	11.187	9.394	5097876	2719642	1.419	1.406

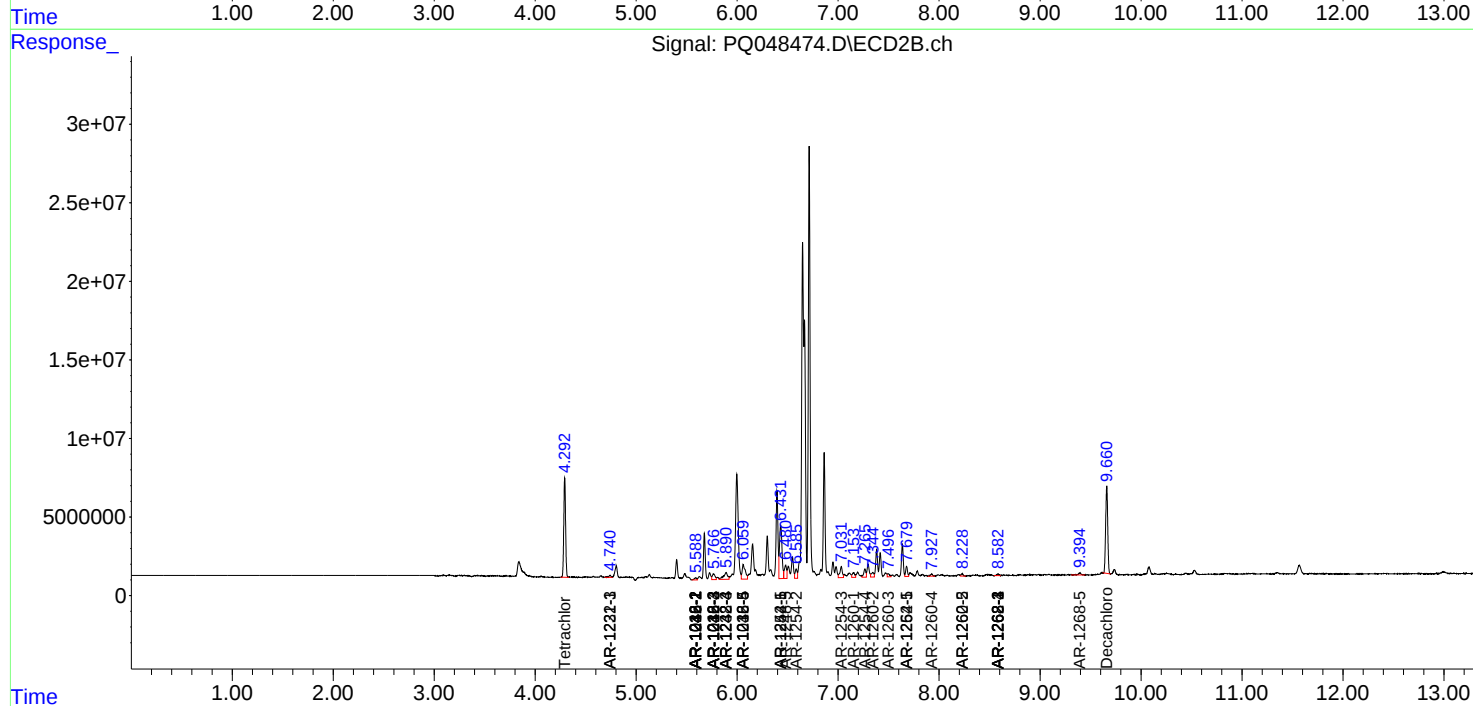
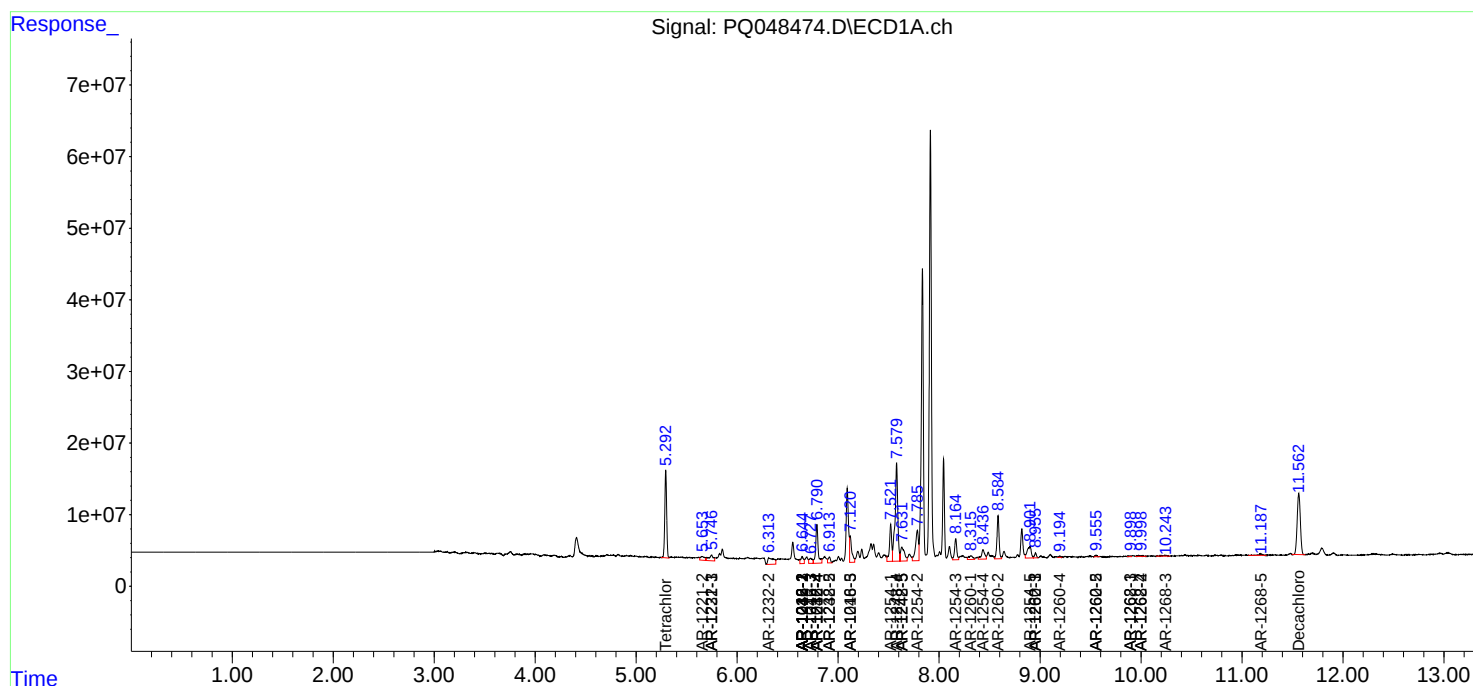
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

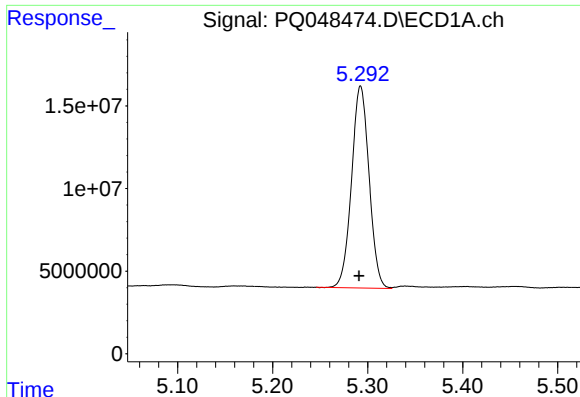
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061820\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

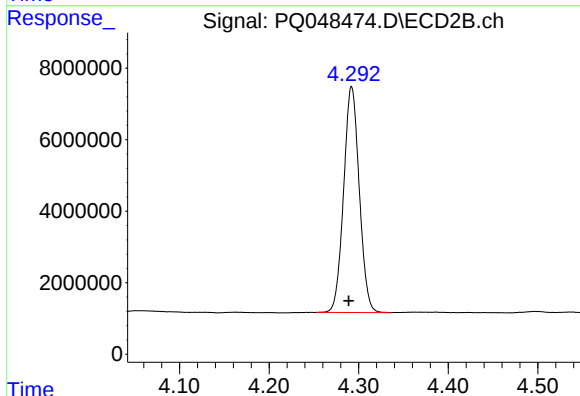




#1 Tetrachloro-m-xylene

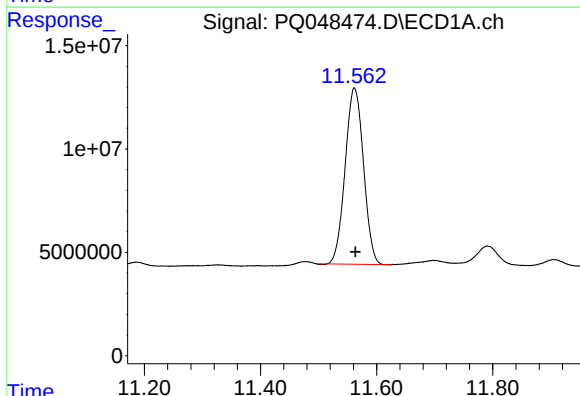
R.T.: 5.293 min
Delta R.T.: 0.002 min
Response: 156625172
Conc: 21.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



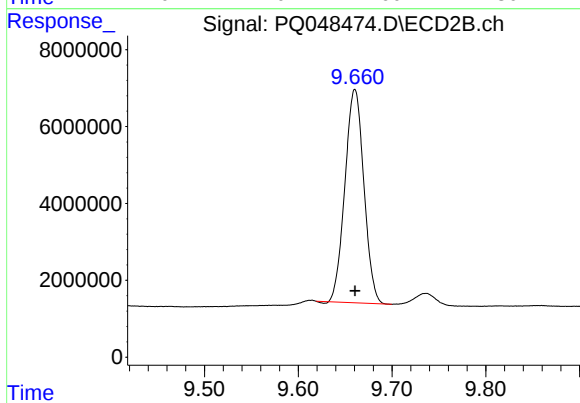
#1 Tetrachloro-m-xylene

R.T.: 4.292 min
Delta R.T.: 0.003 min
Response: 76572542
Conc: 21.69 ng/ml



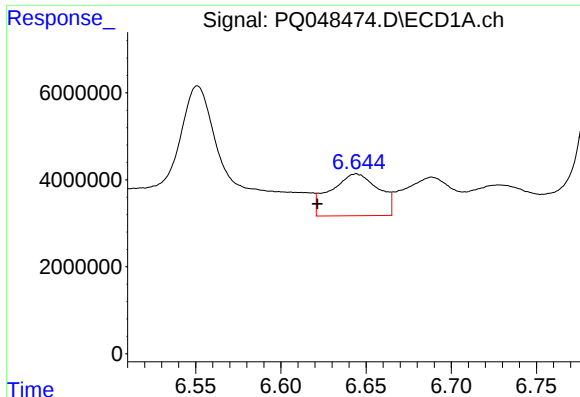
#2 Decachlorobiphenyl

R.T.: 11.562 min
Delta R.T.: -0.002 min
Response: 186666366
Conc: 19.29 ng/ml



#2 Decachlorobiphenyl

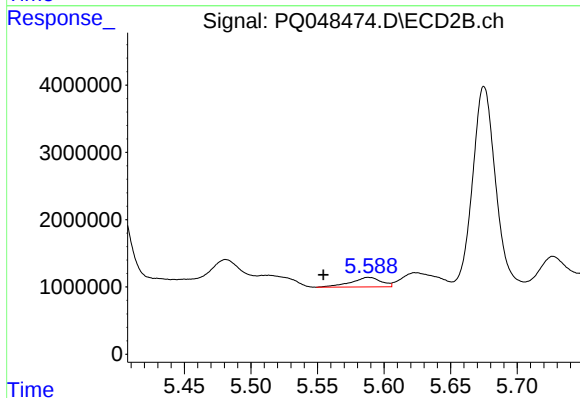
R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 77818302
Conc: 16.17 ng/ml



#3 AR-1016-1

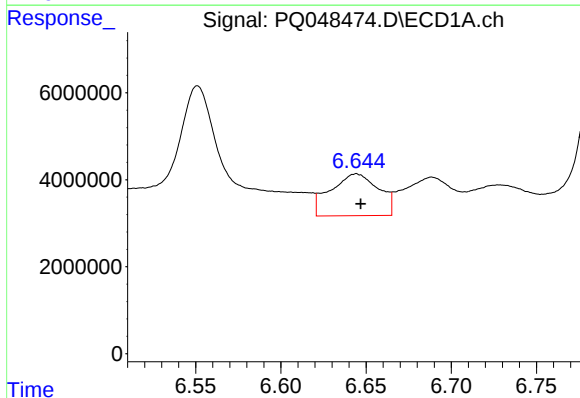
R.T.: 6.644 min
Delta R.T.: 0.023 min
Response: 18853984
Conc: 65.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



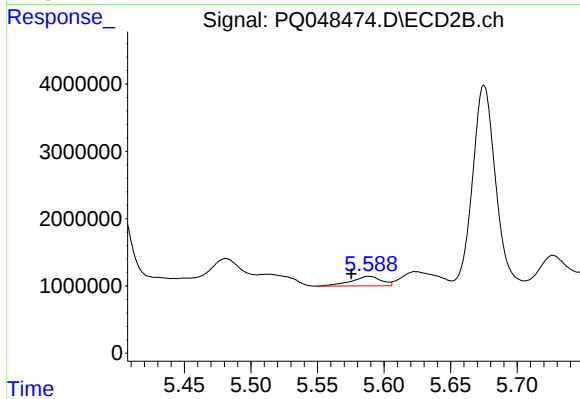
#3 AR-1016-1

R.T.: 5.588 min
Delta R.T.: 0.034 min
Response: 2238219
Conc: 15.84 ng/ml



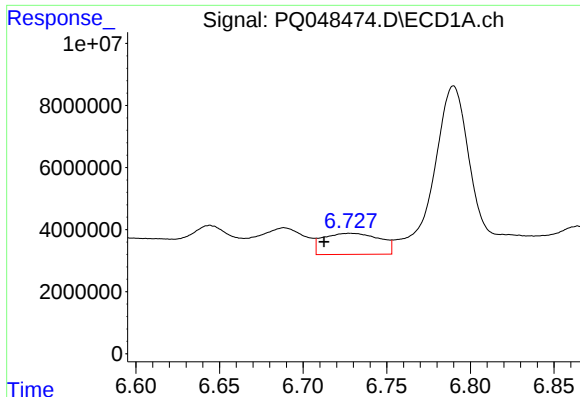
#4 AR-1016-2

R.T.: 6.644 min
Delta R.T.: -0.003 min
Response: 18853984
Conc: 47.57 ng/ml



#4 AR-1016-2

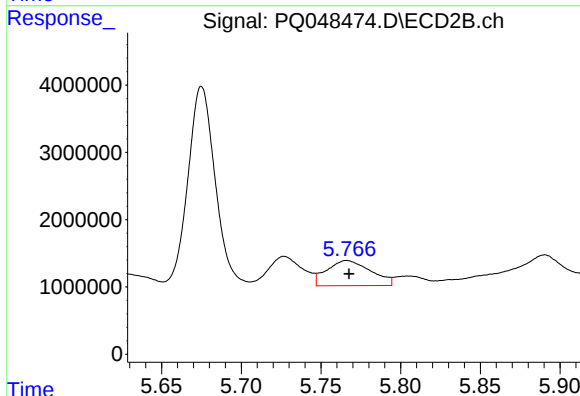
R.T.: 5.588 min
Delta R.T.: 0.013 min
Response: 2238219
Conc: 11.59 ng/ml



#5 AR-1016-3

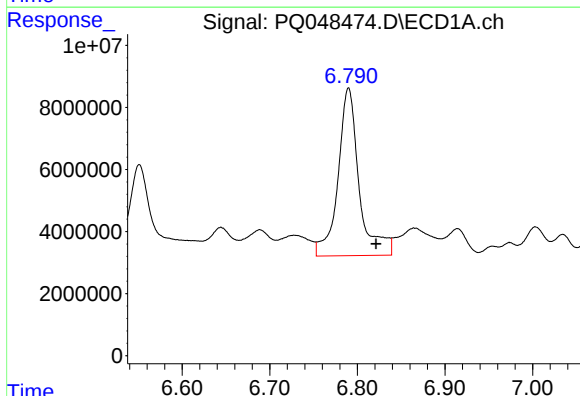
R.T.: 6.728 min
Delta R.T.: 0.016 min
Response: 15944636
Conc: 64.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



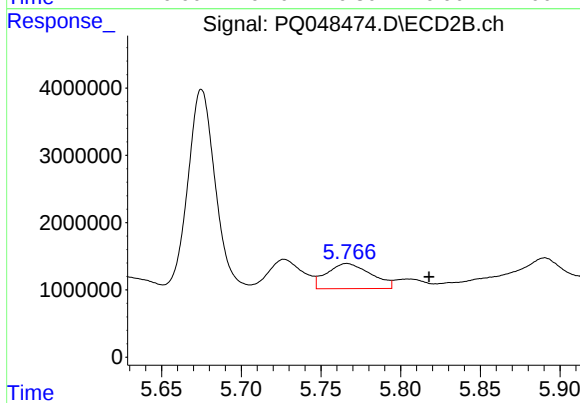
#5 AR-1016-3

R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 7200489
Conc: 75.80 ng/ml



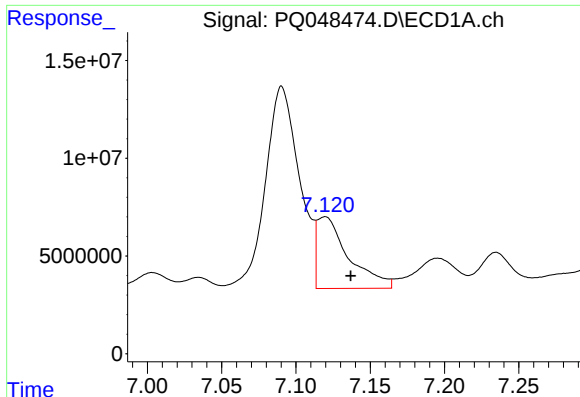
#6 AR-1016-4

R.T.: 6.790 min
Delta R.T.: -0.031 min
Response: 90543290
Conc: 444.18 ng/ml



#6 AR-1016-4

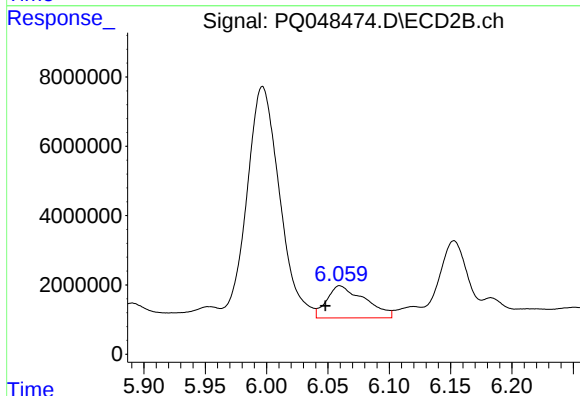
R.T.: 5.766 min
Delta R.T.: -0.052 min
Response: 7200489
Conc: 92.76 ng/ml



#7 AR-1016-5

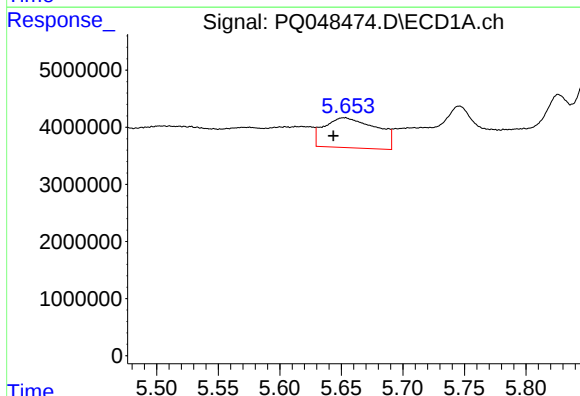
R.T.: 7.120 min
Delta R.T.: -0.017 min
Response: 54312514
Conc: 267.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



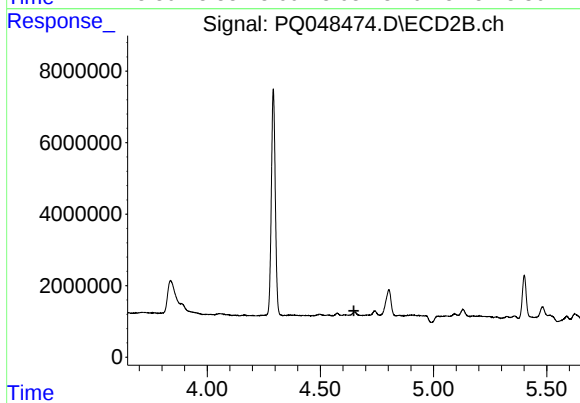
#7 AR-1016-5

R.T.: 6.060 min
Delta R.T.: 0.012 min
Response: 19999736
Conc: 186.02 ng/ml



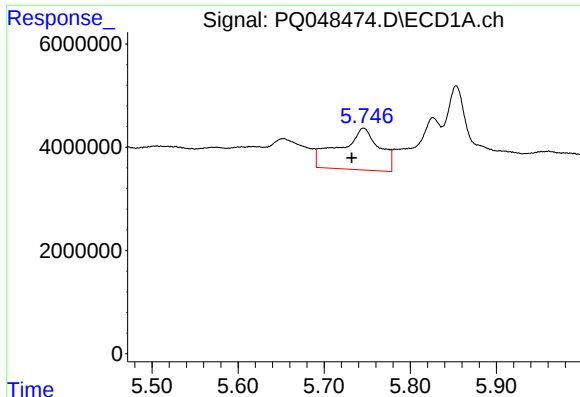
#9 AR-1221-2

R.T.: 5.652 min
Delta R.T.: 0.009 min
Response: 15536528
Conc: 269.76 ng/ml



#9 AR-1221-2

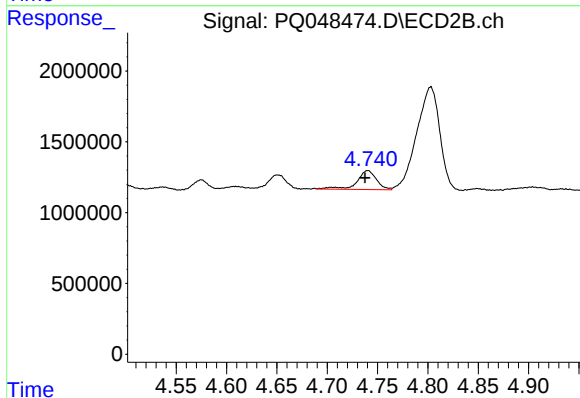
R.T.: 0.000 min
Exp R.T.: 4.648 min
Response: 0
Conc: N.D.



#10 AR-1221-3

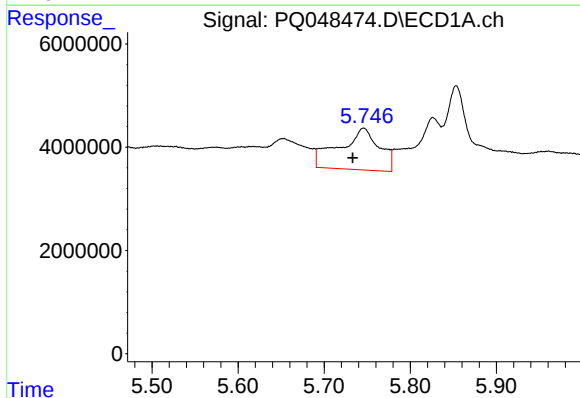
R.T.: 5.746 min
Delta R.T.: 0.014 min
Response: 26123780
Conc: 145.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



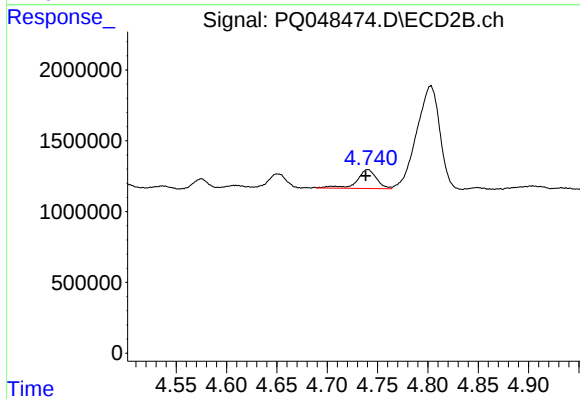
#10 AR-1221-3

R.T.: 4.740 min
Delta R.T.: 0.003 min
Response: 1810739
Conc: 21.14 ng/ml



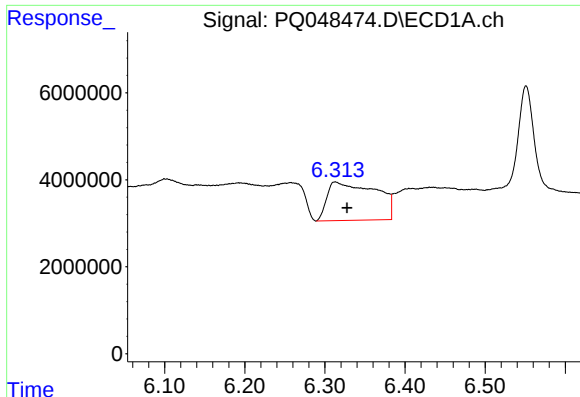
#11 AR-1232-1

R.T.: 5.746 min
Delta R.T.: 0.013 min
Response: 26123780
Conc: 206.01 ng/ml



#11 AR-1232-1

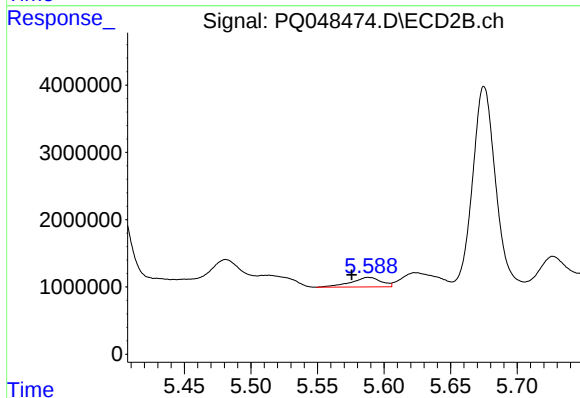
R.T.: 4.740 min
Delta R.T.: 0.002 min
Response: 1810739
Conc: 30.38 ng/ml



#12 AR-1232-2

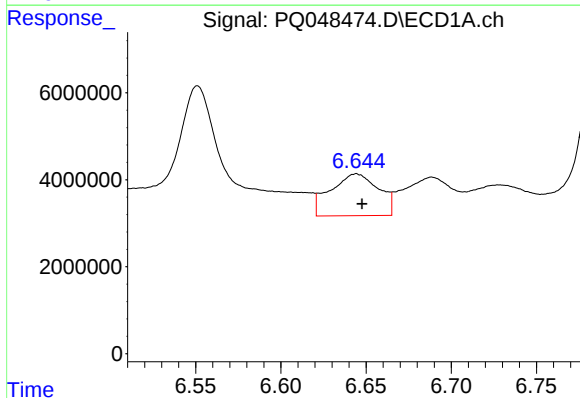
R.T.: 6.313 min
Delta R.T.: -0.015 min
Response: 37258850
Conc: 562.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



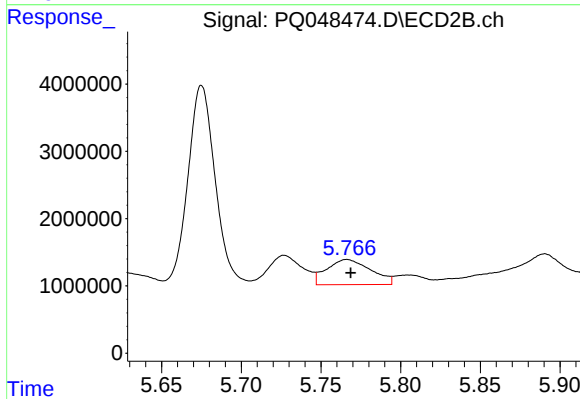
#12 AR-1232-2

R.T.: 5.588 min
Delta R.T.: 0.013 min
Response: 2238219
Conc: 33.93 ng/ml



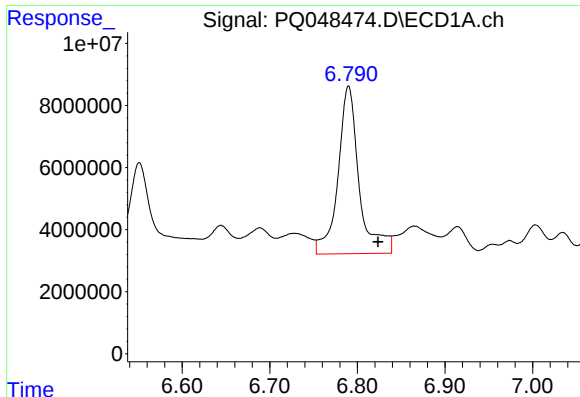
#13 AR-1232-3

R.T.: 6.644 min
Delta R.T.: -0.003 min
Response: 18853984
Conc: 135.74 ng/ml



#13 AR-1232-3

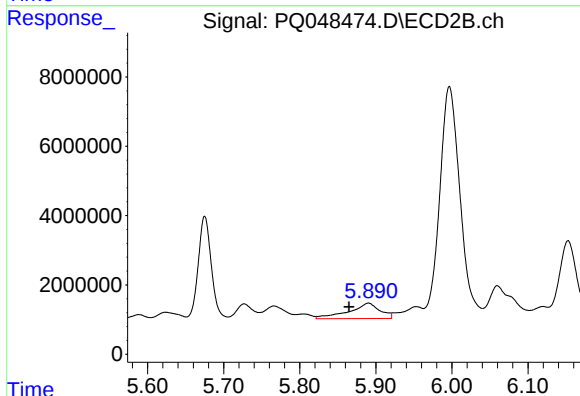
R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 7200489
Conc: 219.04 ng/ml



#14 AR-1232-4

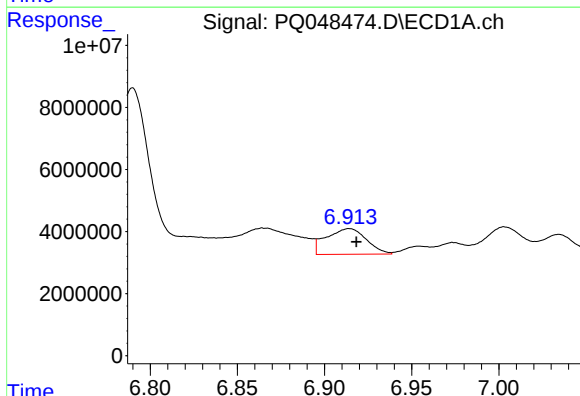
R.T.: 6.790 min
Delta R.T.: -0.034 min
Response: 90543290
Conc: 1280.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



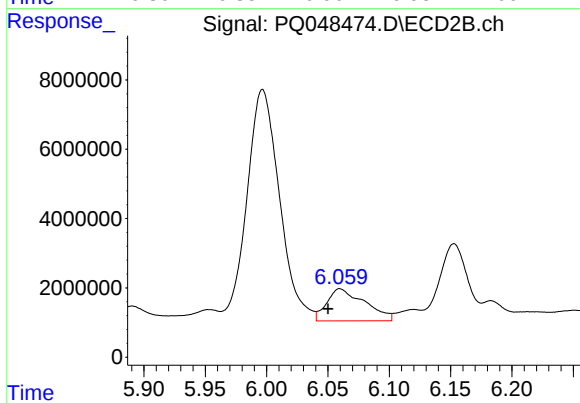
#14 AR-1232-4

R.T.: 5.890 min
Delta R.T.: 0.026 min
Response: 12557646
Conc: 404.07 ng/ml



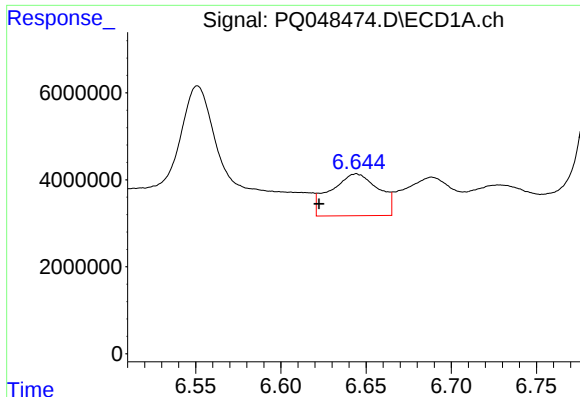
#15 AR-1232-5

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 13276708
Conc: 237.33 ng/ml



#15 AR-1232-5

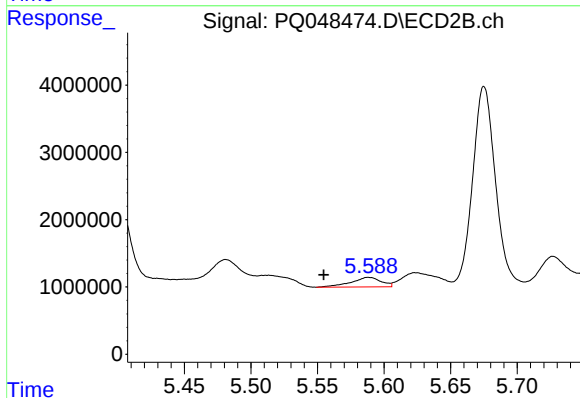
R.T.: 6.060 min
Delta R.T.: 0.010 min
Response: 19999736
Conc: 568.95 ng/ml



#16 AR-1242-1

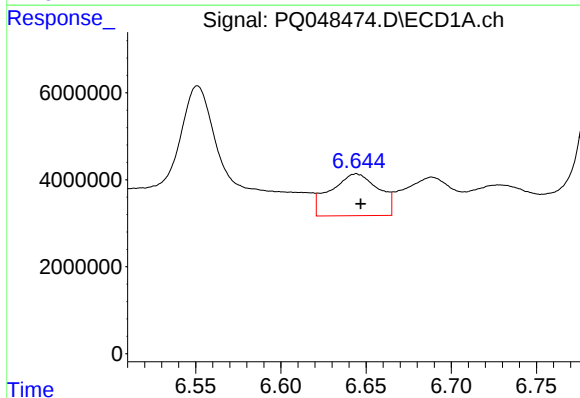
R.T.: 6.644 min
Delta R.T.: 0.022 min
Response: 18853984
Conc: 89.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



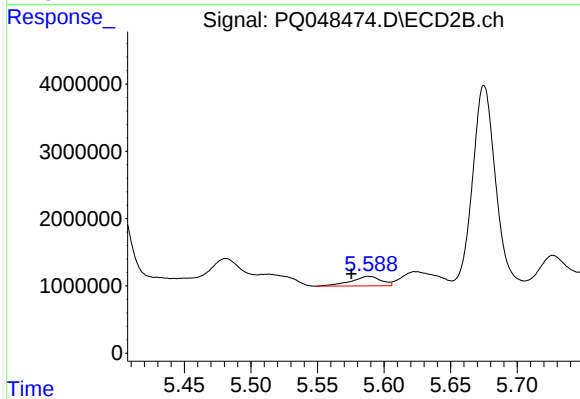
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: 0.034 min
Response: 2238219
Conc: 21.63 ng/ml



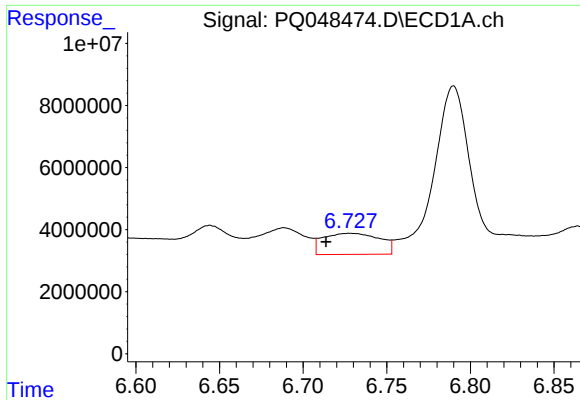
#17 AR-1242-2

R.T.: 6.644 min
Delta R.T.: -0.003 min
Response: 18853984
Conc: 63.81 ng/ml



#17 AR-1242-2

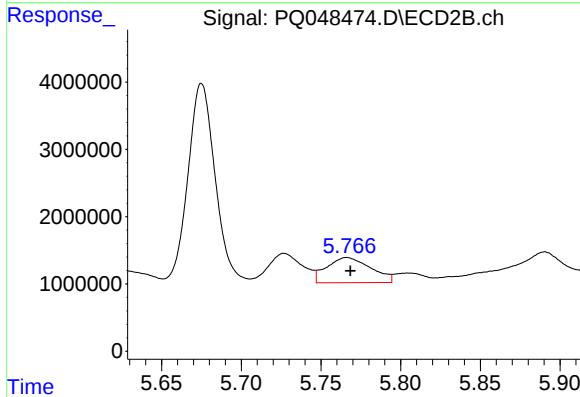
R.T.: 5.588 min
Delta R.T.: 0.013 min
Response: 2238219
Conc: 15.87 ng/ml



#18 AR-1242-3

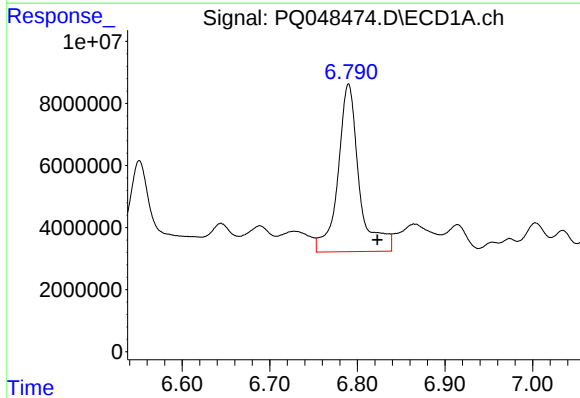
R.T.: 6.728 min
Delta R.T.: 0.014 min
Response: 15944636
Conc: 86.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



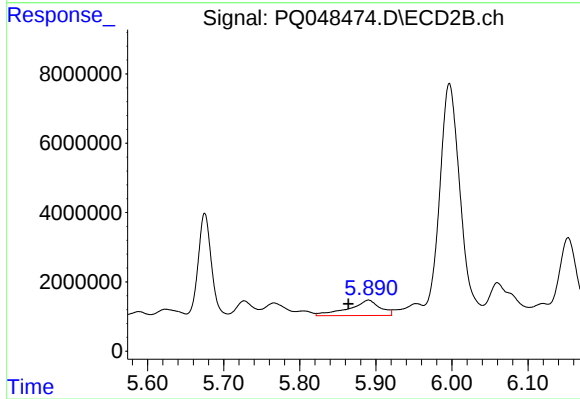
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 7200489
Conc: 101.10 ng/ml



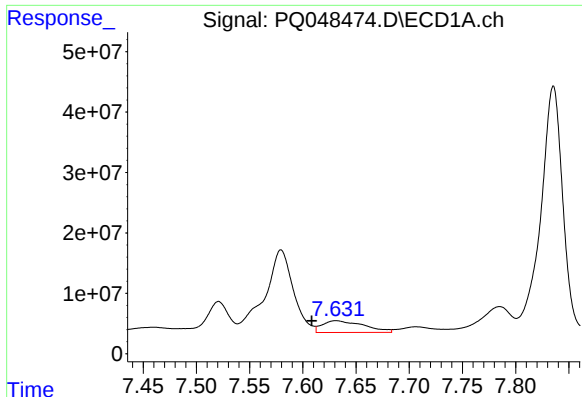
#19 AR-1242-4

R.T.: 6.790 min
Delta R.T.: -0.033 min
Response: 90543290
Conc: 597.81 ng/ml



#19 AR-1242-4

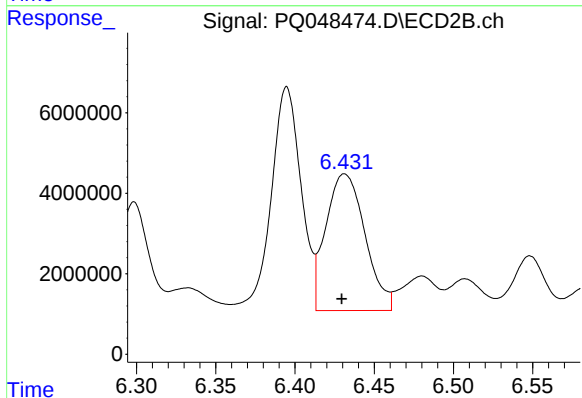
R.T.: 5.890 min
Delta R.T.: 0.026 min
Response: 12557646
Conc: 172.07 ng/ml



#20 AR-1242-5

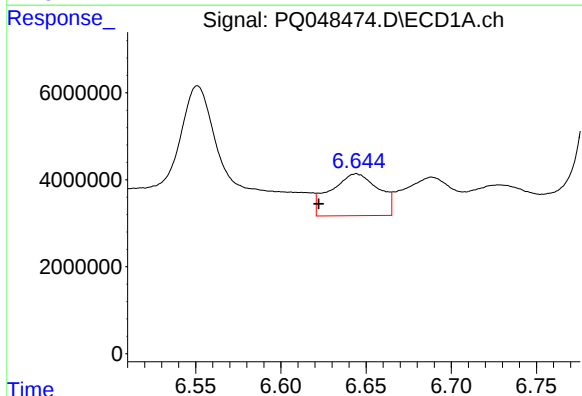
R.T.: 7.631 min
Delta R.T.: 0.023 min
Response: 53243708
Conc: 301.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



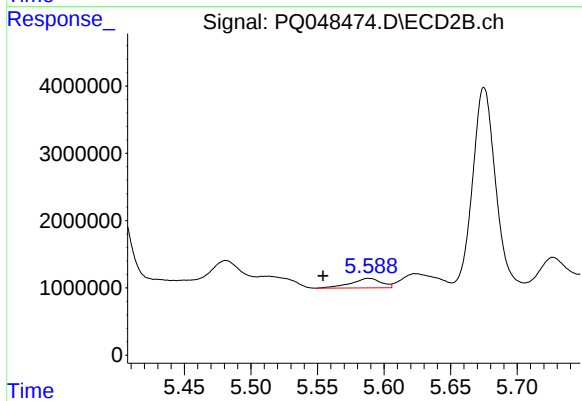
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 58418517
Conc: 560.59 ng/ml



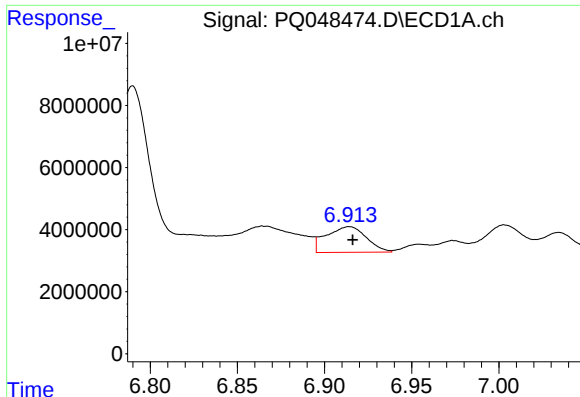
#21 AR-1248-1

R.T.: 6.644 min
Delta R.T.: 0.022 min
Response: 18853984
Conc: 117.18 ng/ml



#21 AR-1248-1

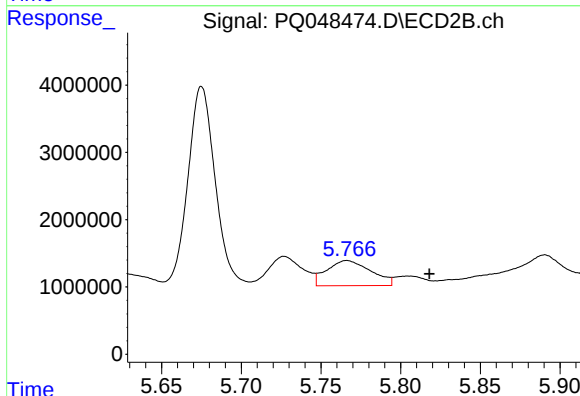
R.T.: 5.588 min
Delta R.T.: 0.034 min
Response: 2238219
Conc: 28.75 ng/ml



#22 AR-1248-2

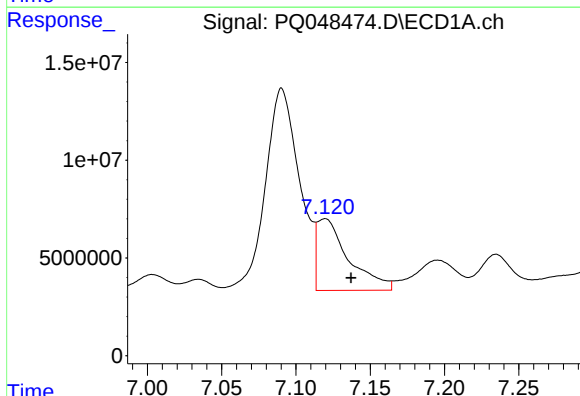
R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 13276708
Conc: 59.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



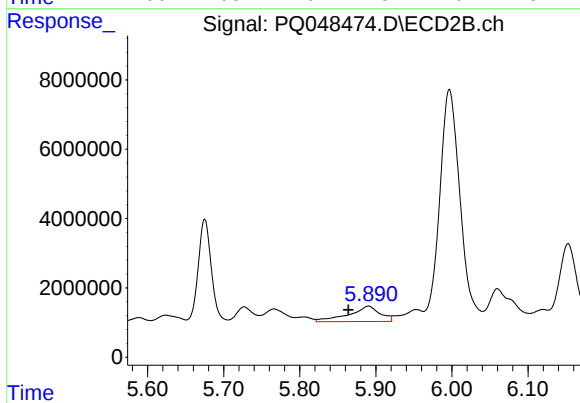
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.052 min
Response: 7200489
Conc: 71.45 ng/ml



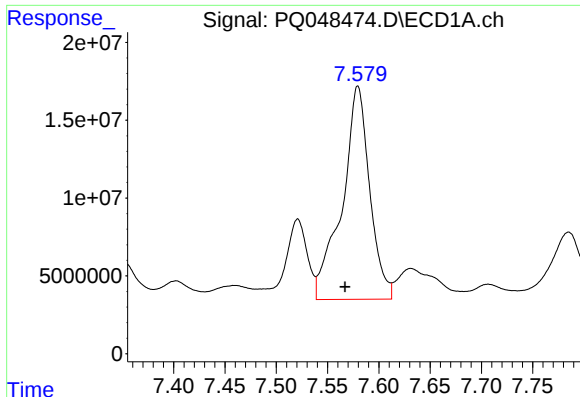
#23 AR-1248-3

R.T.: 7.120 min
Delta R.T.: -0.017 min
Response: 54312514
Conc: 218.21 ng/ml



#23 AR-1248-3

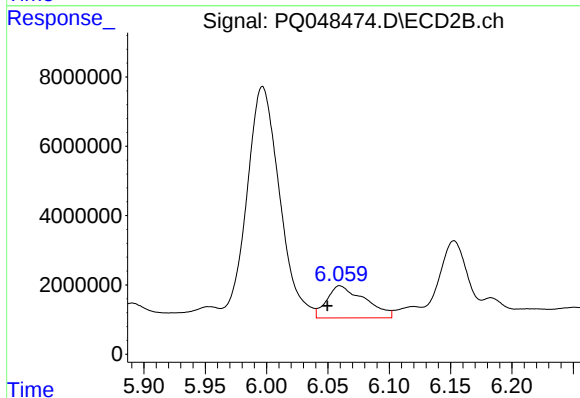
R.T.: 5.890 min
Delta R.T.: 0.026 min
Response: 12557646
Conc: 120.21 ng/ml



#24 AR-1248-4

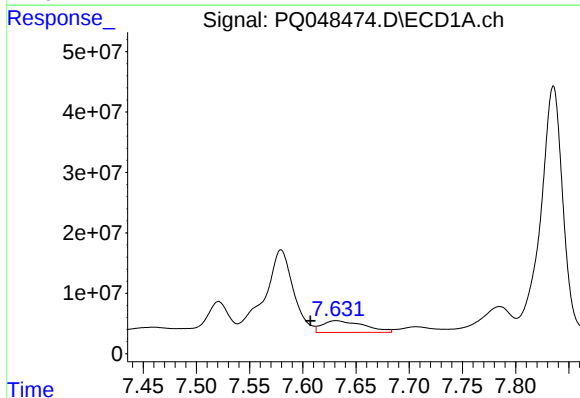
R.T.: 7.580 min
Delta R.T.: 0.013 min
Response: 257300947
Conc: 865.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



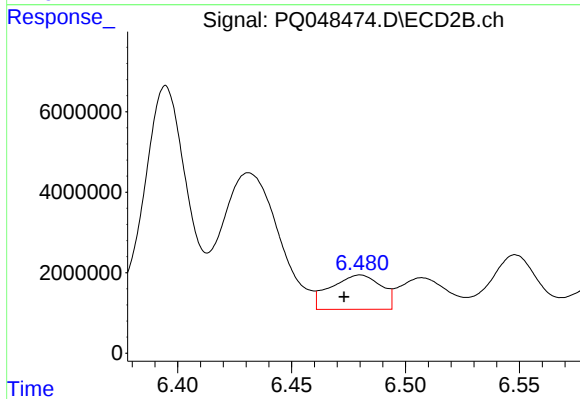
#24 AR-1248-4

R.T.: 6.060 min
Delta R.T.: 0.010 min
Response: 19999736
Conc: 152.04 ng/ml



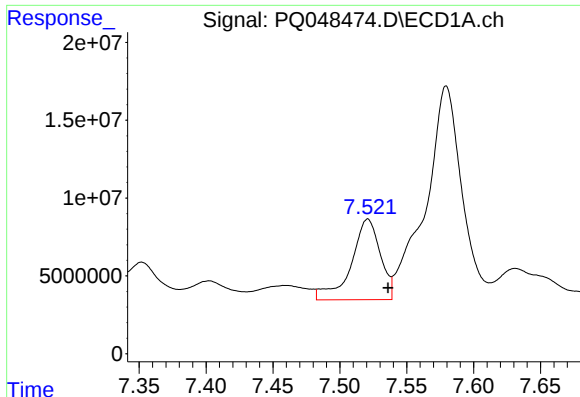
#25 AR-1248-5

R.T.: 7.631 min
Delta R.T.: 0.024 min
Response: 53243708
Conc: 188.21 ng/ml



#25 AR-1248-5

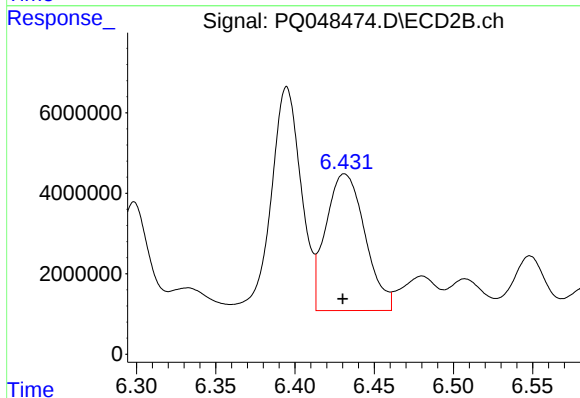
R.T.: 6.480 min
Delta R.T.: 0.007 min
Response: 13120884
Conc: 96.30 ng/ml



#26 AR-1254-1

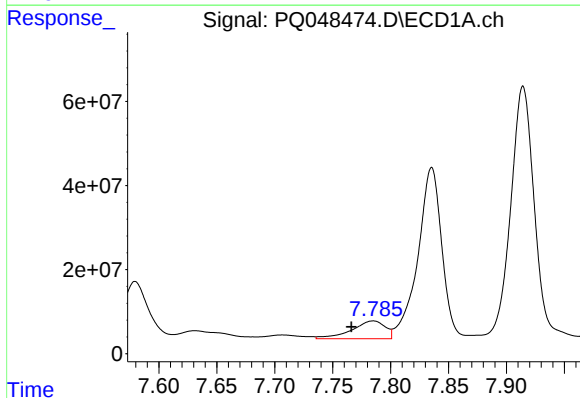
R.T.: 7.521 min
Delta R.T.: -0.015 min
Response: 78454738
Conc: 259.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



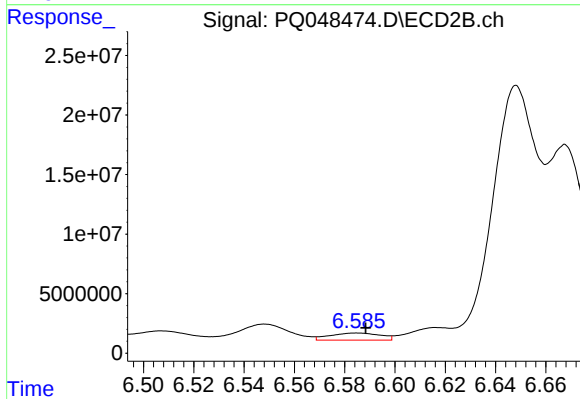
#26 AR-1254-1

R.T.: 6.431 min
Delta R.T.: 0.001 min
Response: 58418517
Conc: 261.18 ng/ml



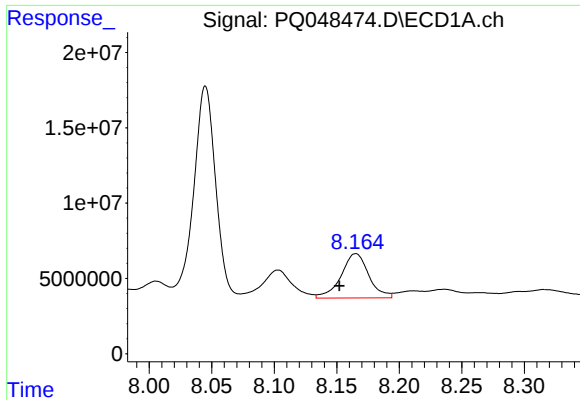
#27 AR-1254-2

R.T.: 7.785 min
Delta R.T.: 0.019 min
Response: 85518729
Conc: 178.46 ng/ml



#27 AR-1254-2

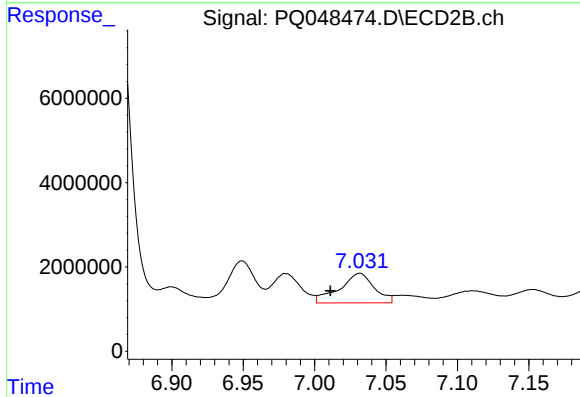
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 8249537
Conc: 41.51 ng/ml



#28 AR-1254-3

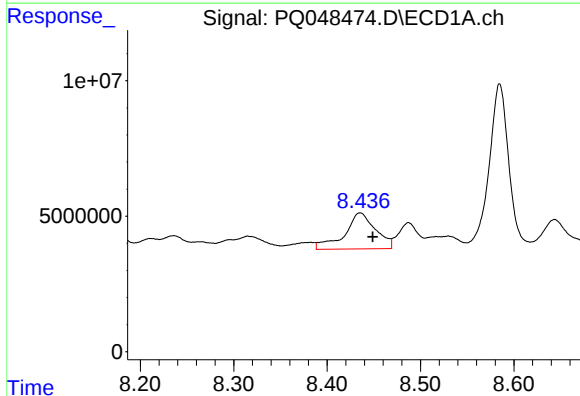
R.T.: 8.165 min
Delta R.T.: 0.013 min
Response: 45526308
Conc: 86.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



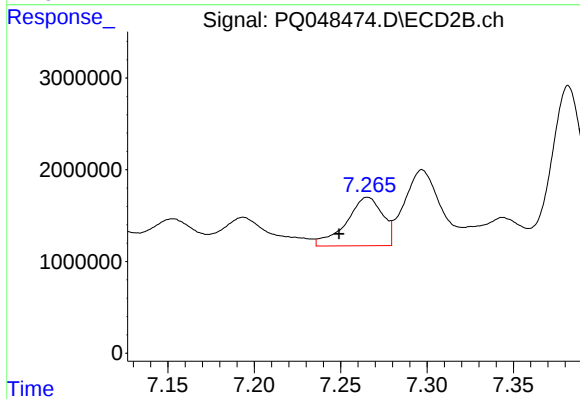
#28 AR-1254-3

R.T.: 7.032 min
Delta R.T.: 0.021 min
Response: 11836719
Conc: 34.46 ng/ml



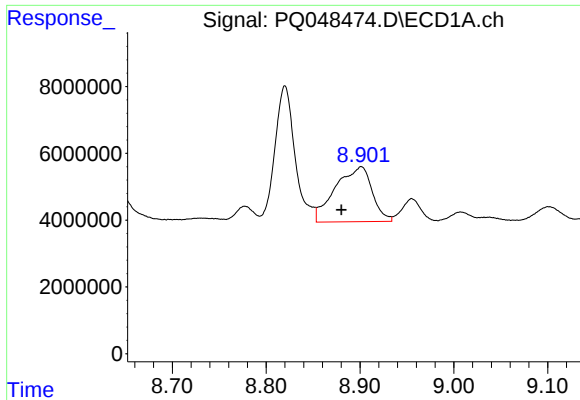
#29 AR-1254-4

R.T.: 8.435 min
Delta R.T.: -0.013 min
Response: 30703684
Conc: 74.38 ng/ml



#29 AR-1254-4

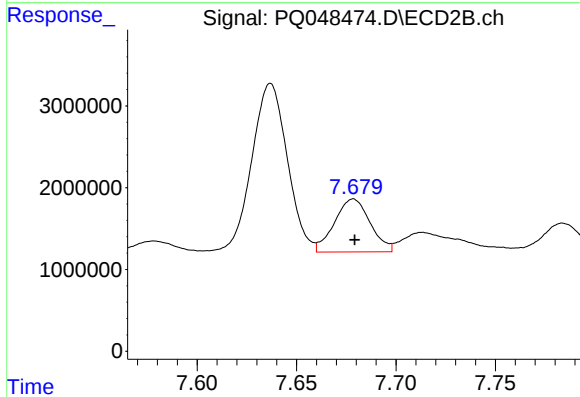
R.T.: 7.266 min
Delta R.T.: 0.017 min
Response: 7728367
Conc: 34.29 ng/ml



#30 AR-1254-5

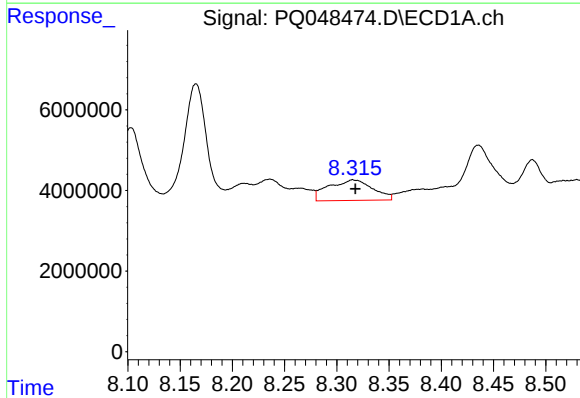
R.T.: 8.901 min
Delta R.T.: 0.021 min
Response: 44835470
Conc: 98.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



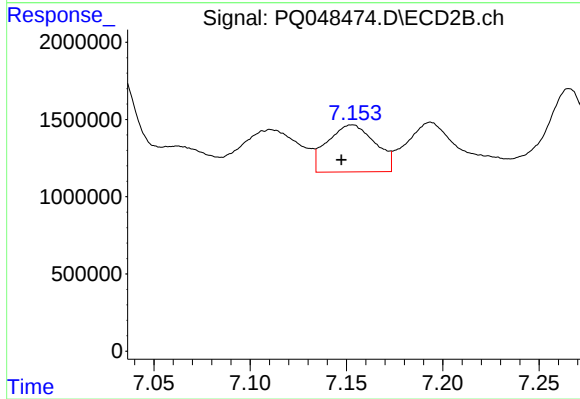
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 8104169
Conc: 25.59 ng/ml



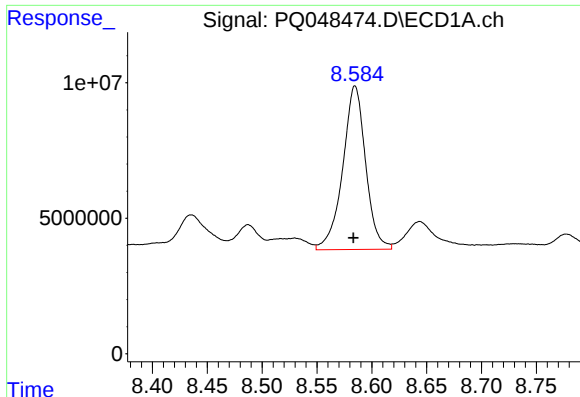
#31 AR-1260-1

R.T.: 8.315 min
Delta R.T.: -0.002 min
Response: 15027325
Conc: 39.86 ng/ml



#31 AR-1260-1

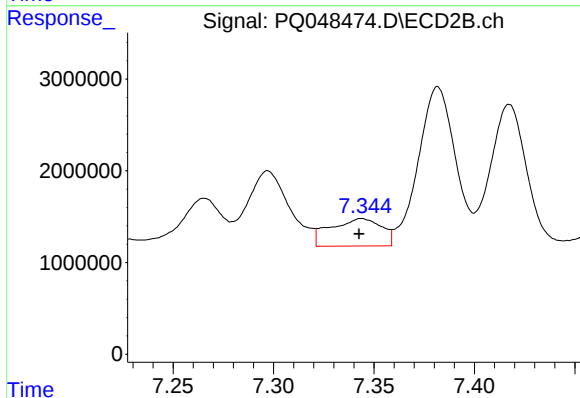
R.T.: 7.153 min
Delta R.T.: 0.006 min
Response: 5247714
Conc: 24.16 ng/ml



#32 AR-1260-2

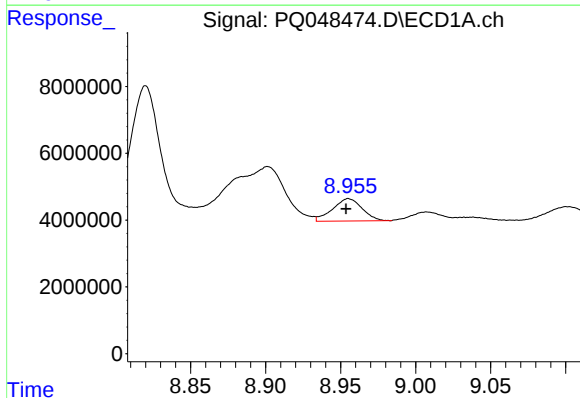
R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 87972435
Conc: 191.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



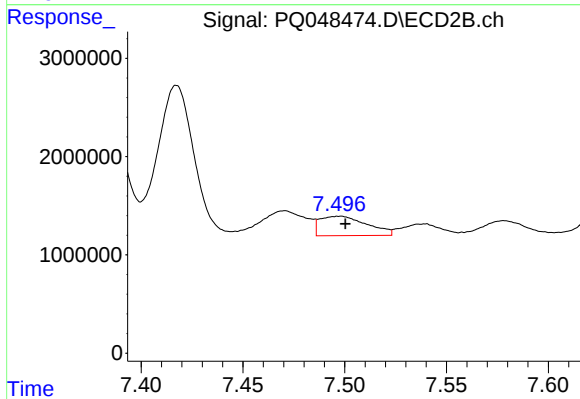
#32 AR-1260-2

R.T.: 7.344 min
Delta R.T.: 0.001 min
Response: 5305854
Conc: 19.68 ng/ml



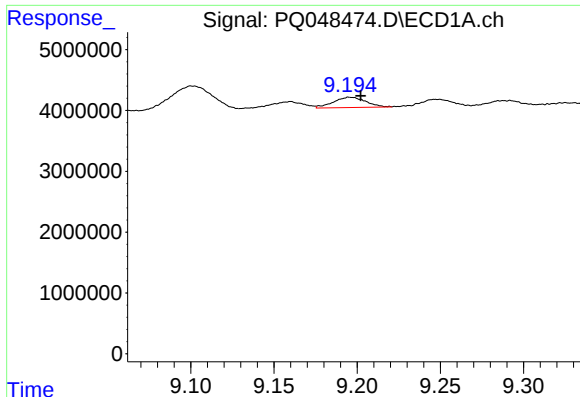
#33 AR-1260-3

R.T.: 8.955 min
Delta R.T.: 0.002 min
Response: 9144244
Conc: 24.90 ng/ml



#33 AR-1260-3

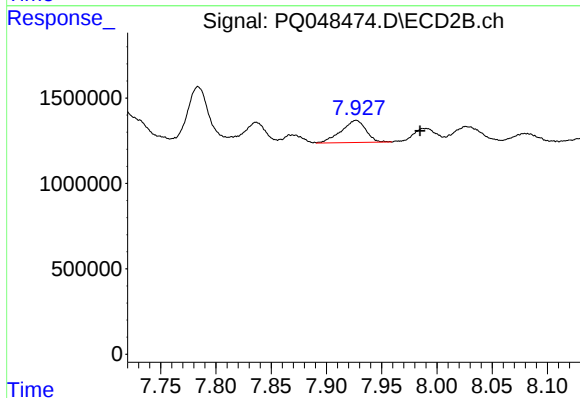
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 3187814
Conc: 12.88 ng/ml



#34 AR-1260-4

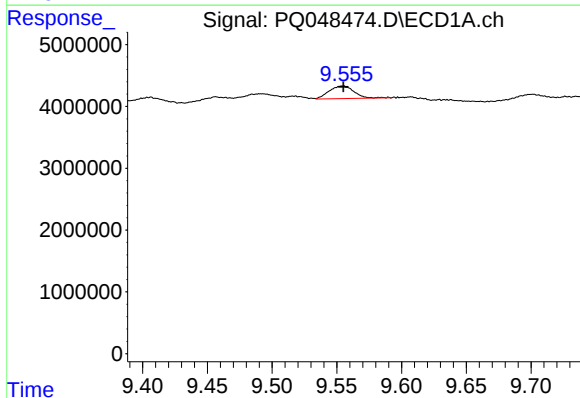
R.T.: 9.196 min
Delta R.T.: -0.006 min
Response: 2317215
Conc: 5.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



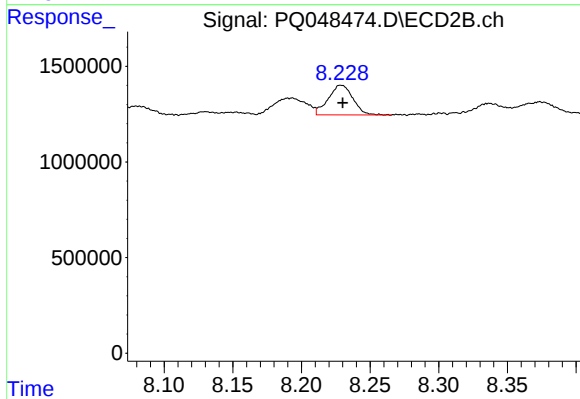
#34 AR-1260-4

R.T.: 7.927 min
Delta R.T.: -0.058 min
Response: 2017999
Conc: 9.44 ng/ml



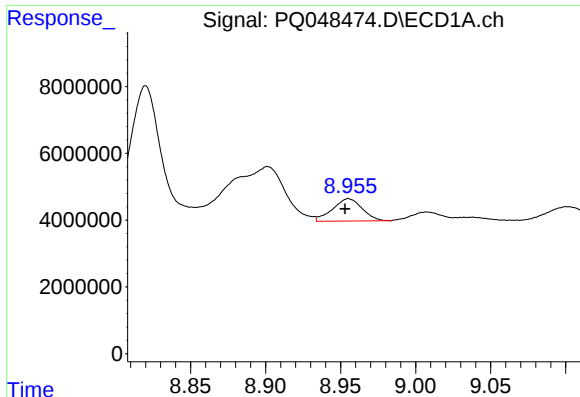
#35 AR-1260-5

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 2770150
Conc: 3.09 ng/ml



#35 AR-1260-5

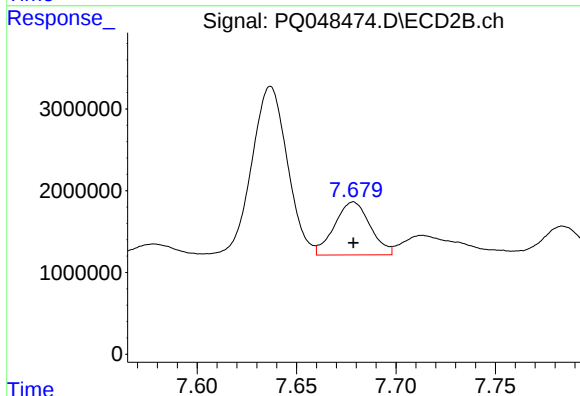
R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 1940464
Conc: 3.60 ng/ml



#36 AR-1262-1

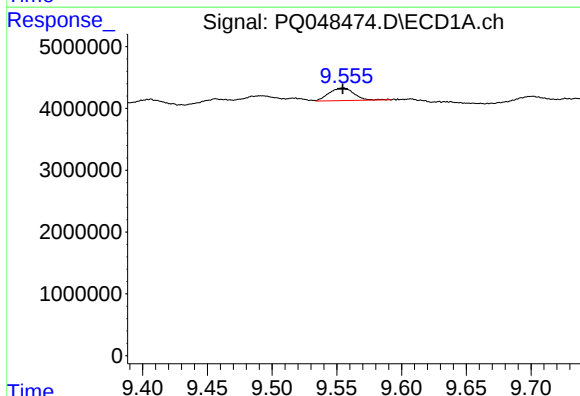
R.T.: 8.955 min
Delta R.T.: 0.002 min
Response: 9144244
Conc: 16.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



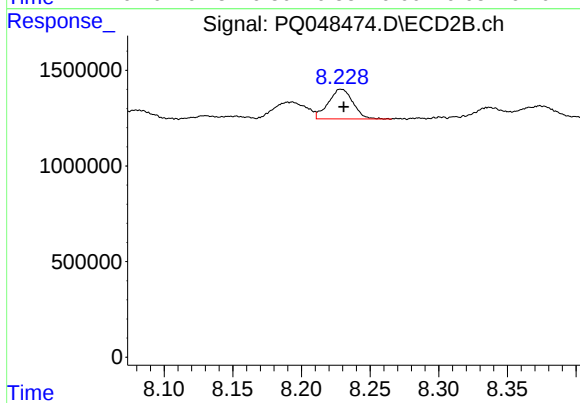
#36 AR-1262-1

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 8104169
Conc: 46.74 ng/ml



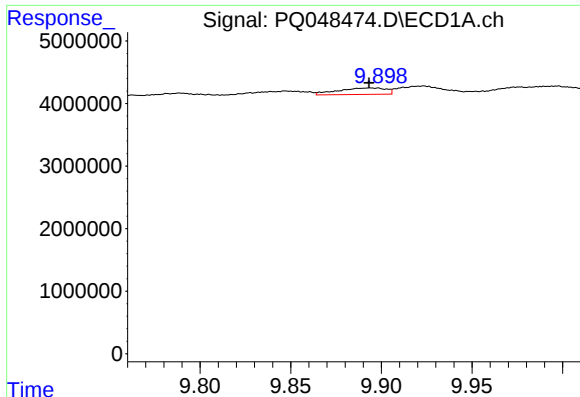
#37 AR-1262-2

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 2770150
Conc: 2.52 ng/ml



#37 AR-1262-2

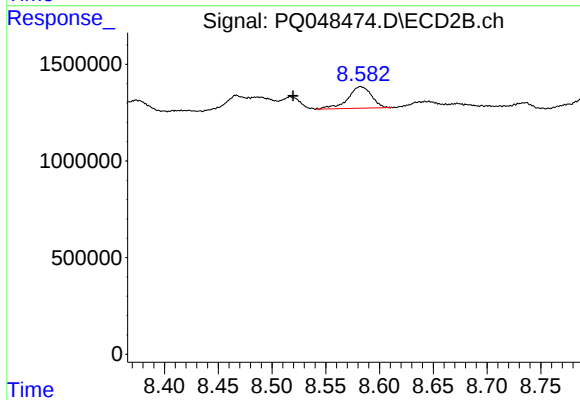
R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 1940464
Conc: 2.91 ng/ml



#38 AR-1262-3

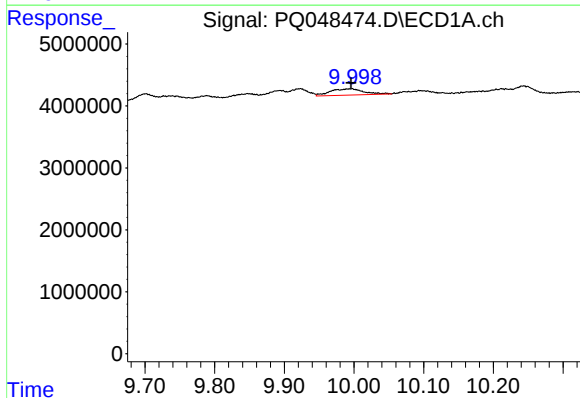
R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 1930530
Conc: 3.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



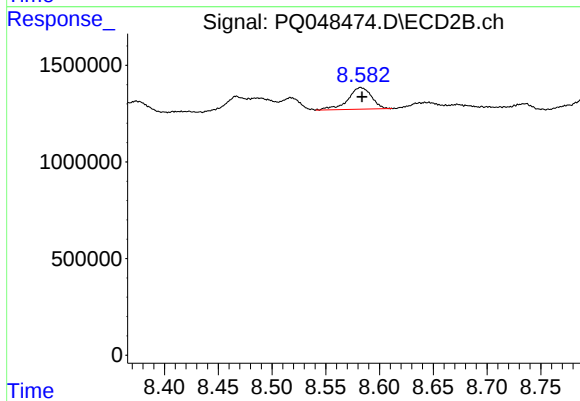
#38 AR-1262-3

R.T.: 8.583 min
Delta R.T.: 0.063 min
Response: 1702369
Conc: 6.82 ng/ml



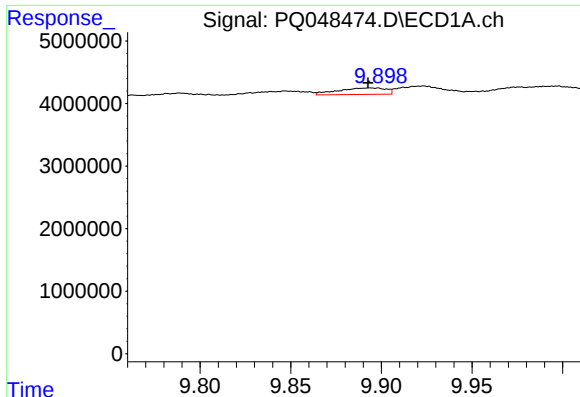
#39 AR-1262-4

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 3373990
Conc: 5.88 ng/ml



#39 AR-1262-4

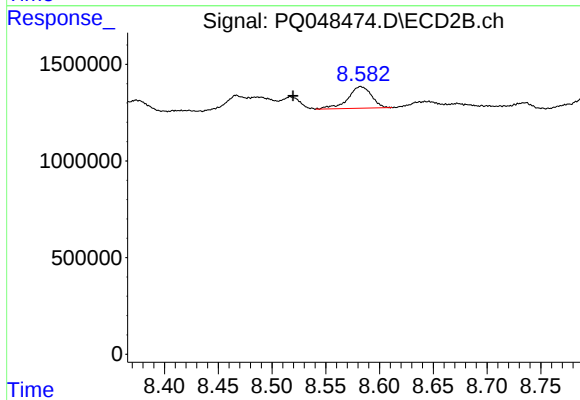
R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 1702369
Conc: 3.54 ng/ml



#41 AR-1268-1

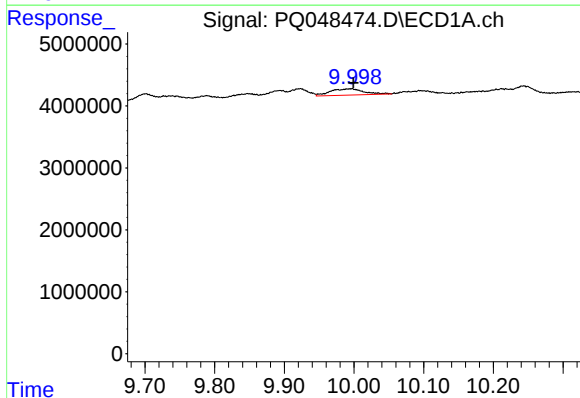
R.T.: 9.894 min
Delta R.T.: 0.001 min
Response: 1930530
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



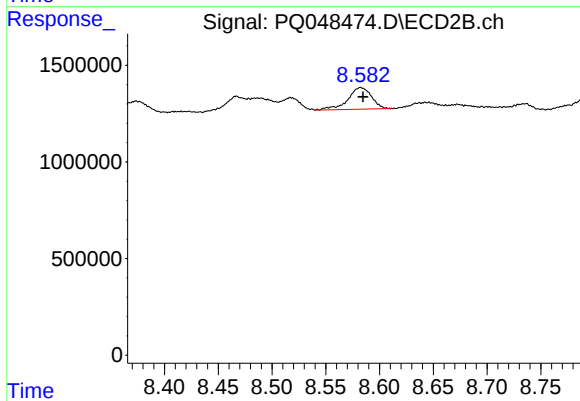
#41 AR-1268-1

R.T.: 8.583 min
Delta R.T.: 0.063 min
Response: 1702369
Conc: 2.24 ng/ml



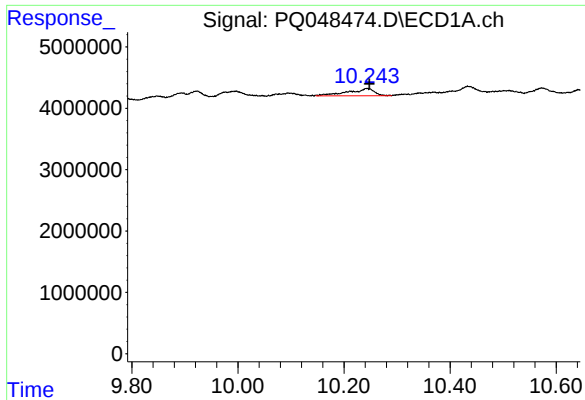
#42 AR-1268-2

R.T.: 9.996 min
Delta R.T.: -0.002 min
Response: 3373990
Conc: 2.73 ng/ml



#42 AR-1268-2

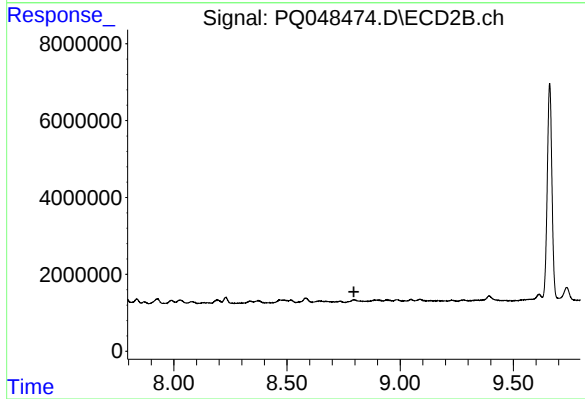
R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 1702369
Conc: 2.43 ng/ml



#43 AR-1268-3

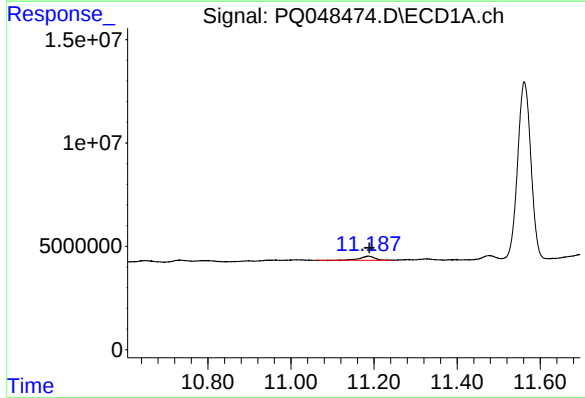
R.T.: 10.244 min
Delta R.T.: -0.004 min
Response: 4058065
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SU-04-061720



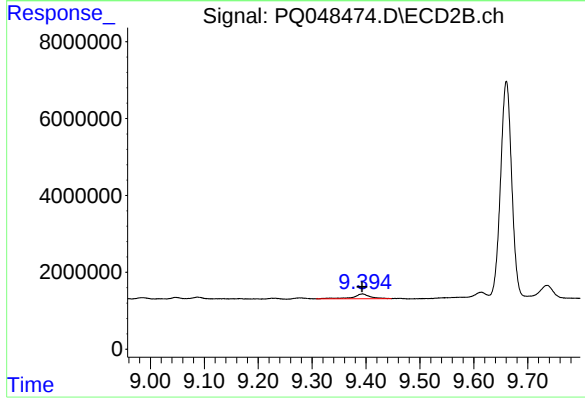
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.187 min
Delta R.T.: -0.002 min
Response: 5097876
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 2719642
Conc: 1.41 ng/ml