

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ010821\
 Data File : PQ051625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2021 15:02
 Operator : DD\AJ
 Sample : PB134001BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 22:14:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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...	5.239	4.256	497.1E6	138.8E6	19.278	19.012
2)	SA Decachlor...	11.440	9.610	706.9E6	224.6E6	38.557	36.933
Target Compounds							
3)	L1 AR-1016-1	6.562	5.515	81334697	23041673	96.264	89.883
4)	L1 AR-1016-2	6.586	5.536	118.7E6	31902268	95.802	89.117
5)	L1 AR-1016-3	6.654	5.729	70512964	16449858	96.352	89.365
6)	L1 AR-1016-4	6.761	5.779	58937659	13281167	95.890	92.035
7)	L1 AR-1016-5	7.075	6.009	56767080	16597425	95.407	87.233
8)	L2 AR-1221-1	5.485	4.512	7309103	2920802	27.537	37.894 #
9)	L2 AR-1221-2	5.590	4.613	13463745	3593018	73.713	67.186
10)	L2 AR-1221-3	5.675	4.702	40326058	11467644	65.335	62.604
11)	L3 AR-1232-1	5.675	4.702	40326058	11467644	87.603	83.888
12)	L3 AR-1232-2	6.268	5.536	59930963	31902268	242.829	226.849
13)	L3 AR-1232-3	6.586	5.729	118.7E6	16449858	234.495	229.875
14)	L3 AR-1232-4	6.761	5.824	58937659	16344304	236.001	265.856
15)	L3 AR-1232-5	6.855	6.009	49767536	16597425	280.522	258.730
16)	L4 AR-1242-1	6.562	5.515	81334697	23041673	115.751	109.592
17)	L4 AR-1242-2	6.586	5.536	118.7E6	31902268	115.160	109.326
18)	L4 AR-1242-3	6.654	5.729	70512964	16449858	114.681	109.023
19)	L4 AR-1242-4	6.761	5.824	58937659	16344304	114.676	112.901
20)	L4 AR-1242-5	7.545	6.389	8057456	13292577	14.616	69.567 #
21)	L5 AR-1248-1	6.562	5.515	81334697	23041673	143.771	137.114
22)	L5 AR-1248-2	6.855	5.779	49767536	13281167	61.861	58.641
23)	L5 AR-1248-3	7.075	5.824	56767080	16344304	61.233	69.505
24)	L5 AR-1248-4	7.502	6.009	7919780	16597425	7.464	60.378 #
25)	L5 AR-1248-5	7.545	6.432	8057456	1735208	7.765	6.014
26)	L6 AR-1254-1	7.474	6.389	42690107	13292577	43.408	31.321 #
27)	L6 AR-1254-2	7.699	6.547	47137260	13469349	30.956	36.695
28)	L6 AR-1254-3	8.086	6.988	27428702	23560607	16.601	38.610 #
29)	L6 AR-1254-4	8.379	7.207	17067644	2113480	14.354	5.596 #
30)	L6 AR-1254-5	8.809	7.637	152.1E6	48272868	120.495	91.909
31)	L7 AR-1260-1	8.251	7.106	107.1E6	34064480	103.426	96.027
32)	L7 AR-1260-2	8.515	7.301	127.5E6	41098973	103.122	92.897
33)	L7 AR-1260-3	8.881	7.458	76199665	38869303	83.911	93.800
34)	L7 AR-1260-4	9.126	7.942	101.8E6	27386091	95.494	78.969
35)	L7 AR-1260-5	9.473	8.188	191.7E6	66941742	86.090	77.530
36)	L8 AR-1262-1	8.881	7.637	76199665	48272868	50.219	168.379 #
37)	L8 AR-1262-2	9.473	8.188	191.7E6	66941742	68.327	65.656
38)	L8 AR-1262-3	9.832	8.477	118.6E6	12272754	98.843	32.615 #
39)	L8 AR-1262-4	9.888	8.539	62863076	46578839	89.230	63.522 #
40)	L8 AR-1262-5	10.624	9.044	41959094	13615292	44.080	41.360
41)	L9 AR-1268-1	9.832	8.477	118.6E6	12272754	35.948	10.568 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2021 15:02
 Operator : DD\AJ
 Sample : PB134001BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

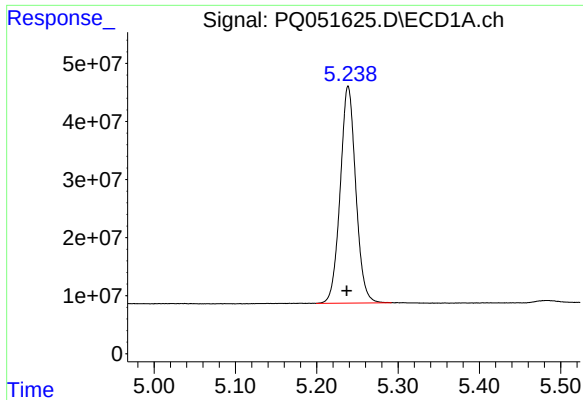
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 22:14:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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
42) L9	AR-1268-2	9.888	8.539	62863076	46578839	20.938	43.774 #
43) L9	AR-1268-3	10.154	8.754	3482733	1929183	1.362	2.164 #
44) L9	AR-1268-4	10.624	9.044	41959094	13615292	38.632	36.910
45) L9	AR-1268-5	11.076	9.346	20103056	5522983	2.404	1.983

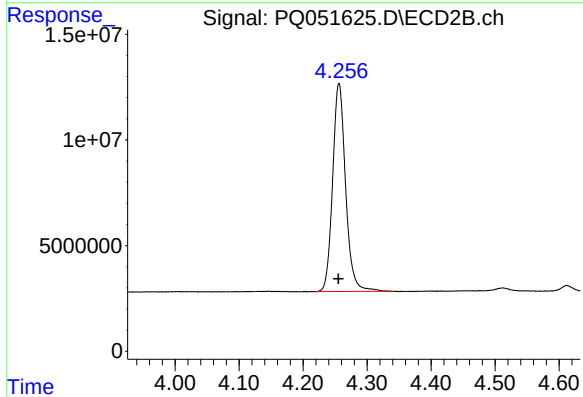
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

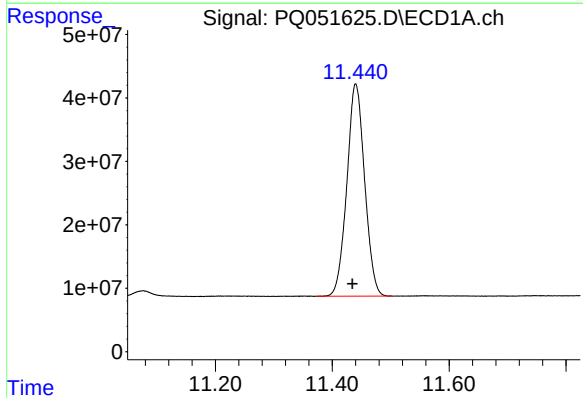
R.T.: 5.239 min
Delta R.T.: 0.002 min
Response: 497089483
Conc: 19.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



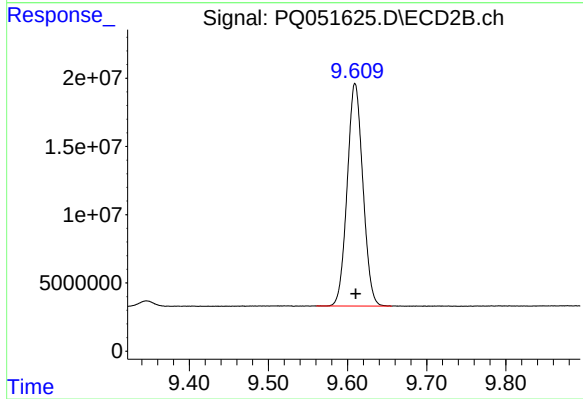
#1 Tetrachloro-m-xylene

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 138843425
Conc: 19.01 ng/ml



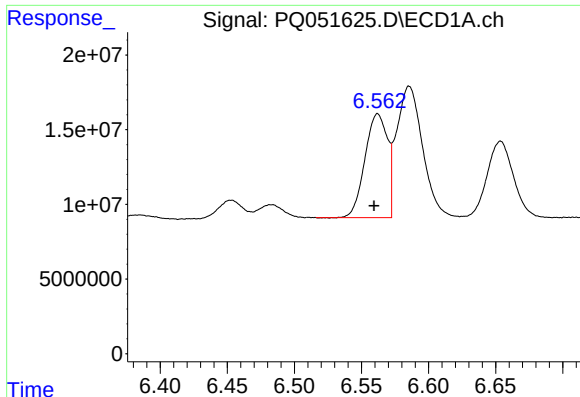
#2 Decachlorobiphenyl

R.T.: 11.440 min
Delta R.T.: 0.005 min
Response: 706921681
Conc: 38.56 ng/ml



#2 Decachlorobiphenyl

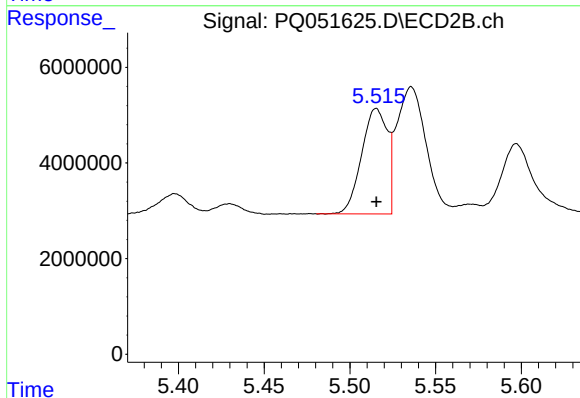
R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 224619796
Conc: 36.93 ng/ml



#3 AR-1016-1

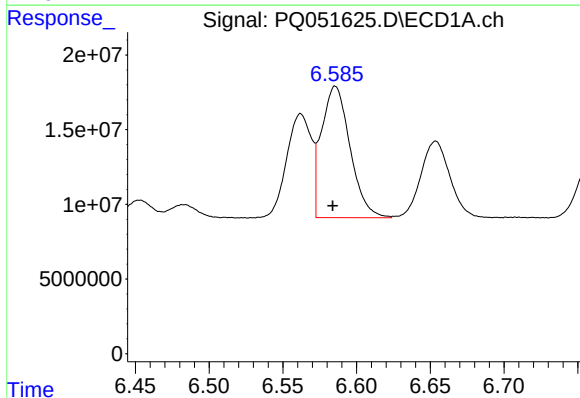
R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 81334697
Conc: 96.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



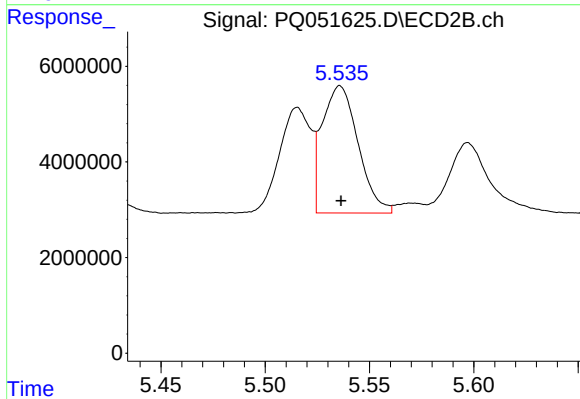
#3 AR-1016-1

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 23041673
Conc: 89.88 ng/ml



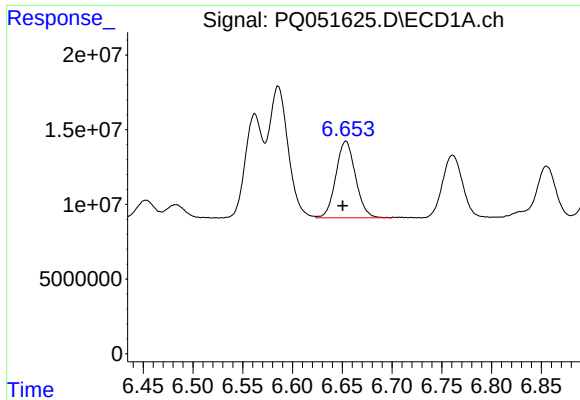
#4 AR-1016-2

R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 118667353
Conc: 95.80 ng/ml



#4 AR-1016-2

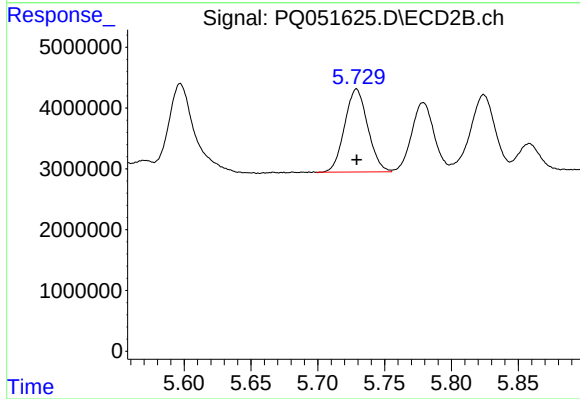
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 31902268
Conc: 89.12 ng/ml



#5 AR-1016-3

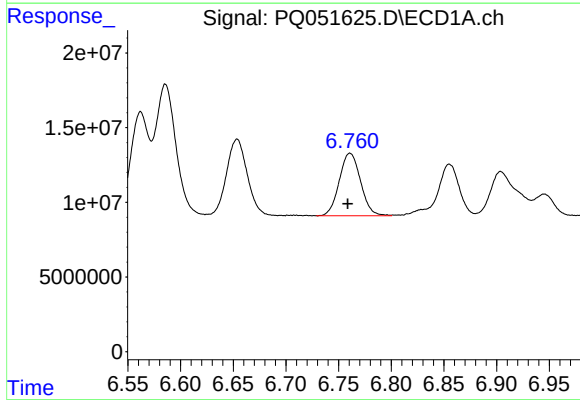
R.T.: 6.654 min
Delta R.T.: 0.003 min
Response: 70512964
Conc: 96.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



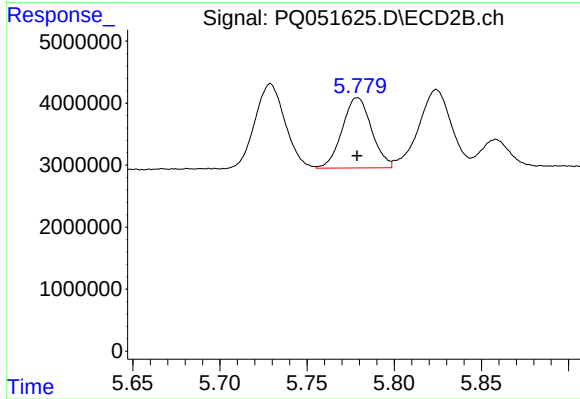
#5 AR-1016-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 16449858
Conc: 89.36 ng/ml



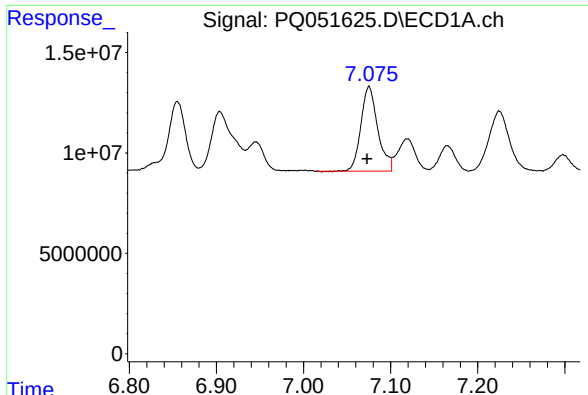
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 58937659
Conc: 95.89 ng/ml



#6 AR-1016-4

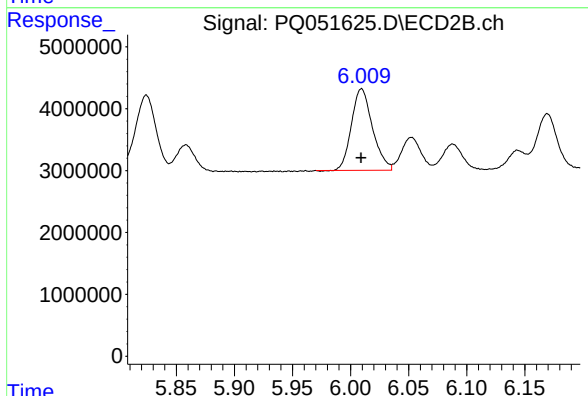
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 13281167
Conc: 92.03 ng/ml



#7 AR-1016-5

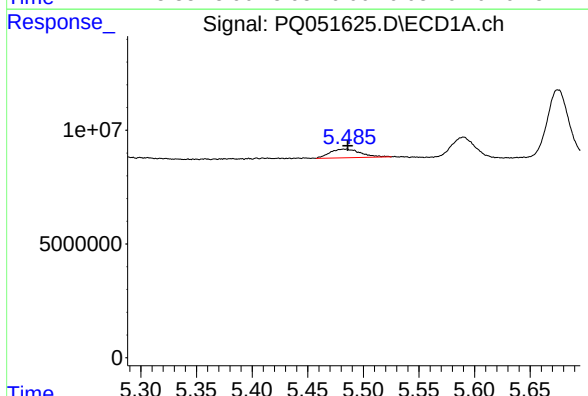
R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 56767080
Conc: 95.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



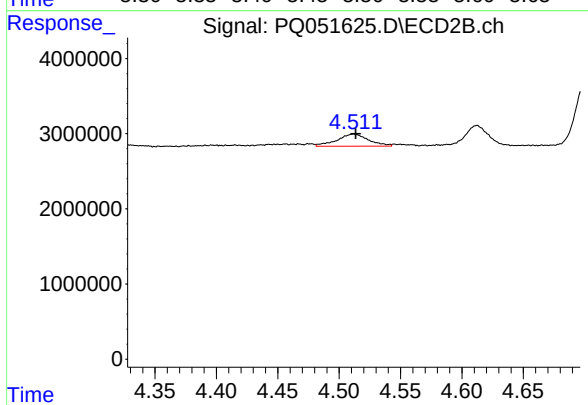
#7 AR-1016-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 16597425
Conc: 87.23 ng/ml



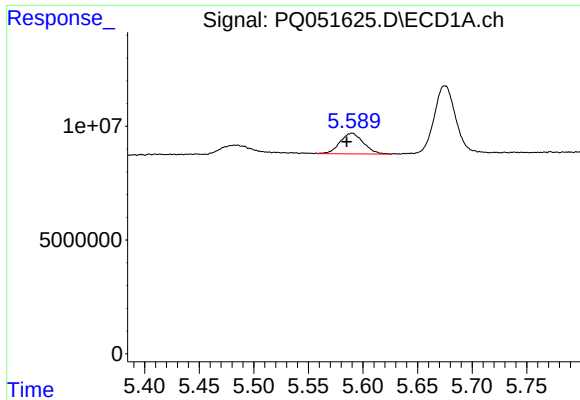
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 7309103
Conc: 27.54 ng/ml



#8 AR-1221-1

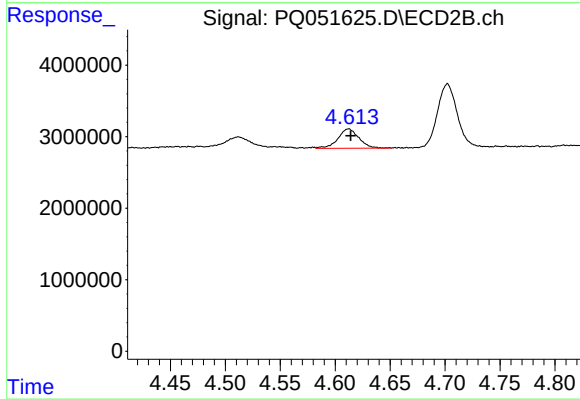
R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 2920802
Conc: 37.89 ng/ml



#9 AR-1221-2

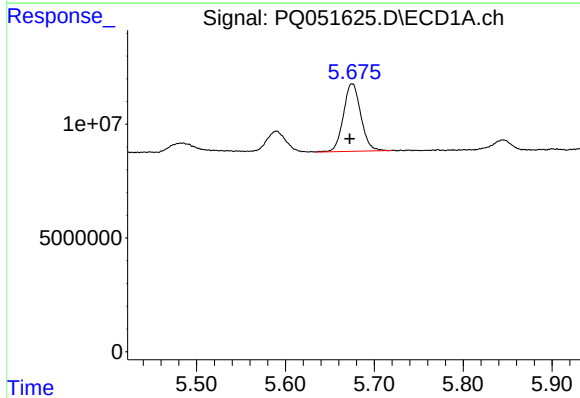
R.T.: 5.590 min
Delta R.T.: 0.005 min
Response: 13463745
Conc: 73.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



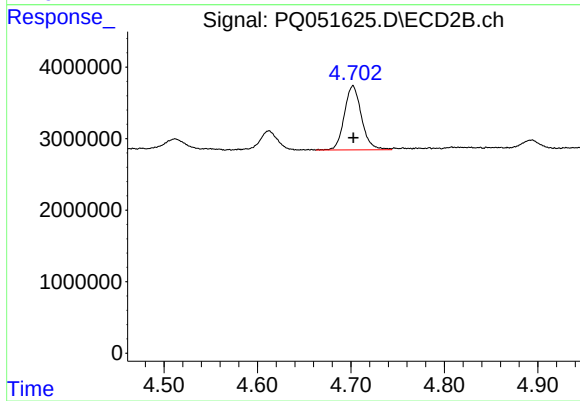
#9 AR-1221-2

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 3593018
Conc: 67.19 ng/ml



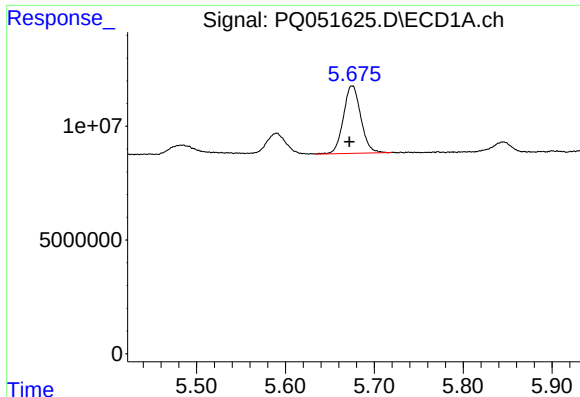
#10 AR-1221-3

R.T.: 5.675 min
Delta R.T.: 0.003 min
Response: 40326058
Conc: 65.34 ng/ml



#10 AR-1221-3

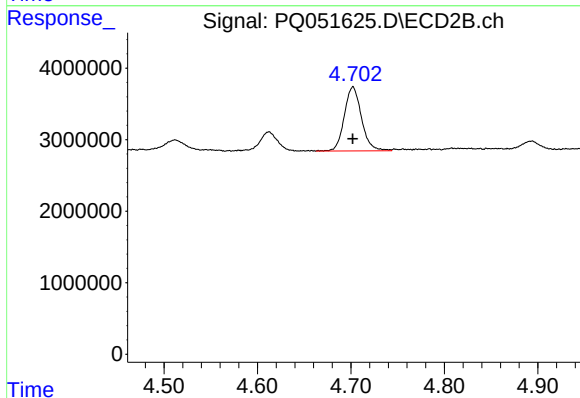
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 11467644
Conc: 62.60 ng/ml



#11 AR-1232-1

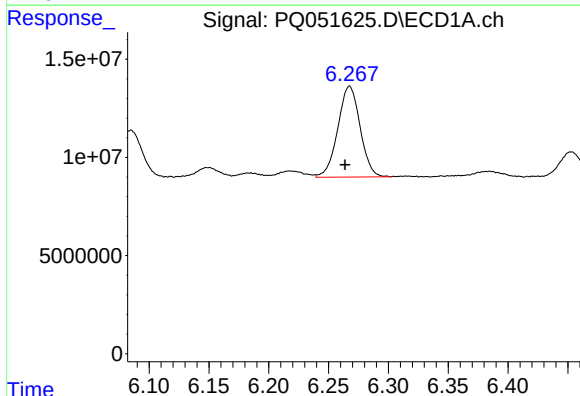
R.T.: 5.675 min
Delta R.T.: 0.003 min
Response: 40326058
Conc: 87.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



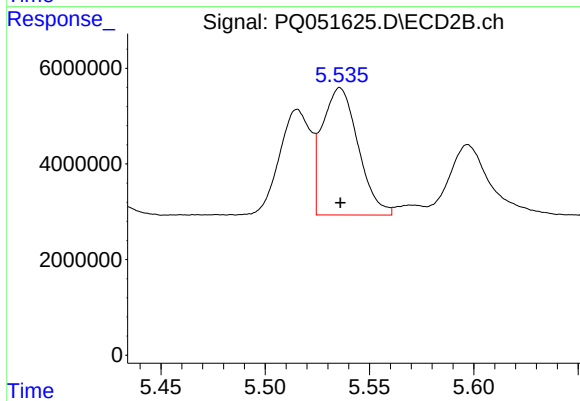
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 11467644
Conc: 83.89 ng/ml



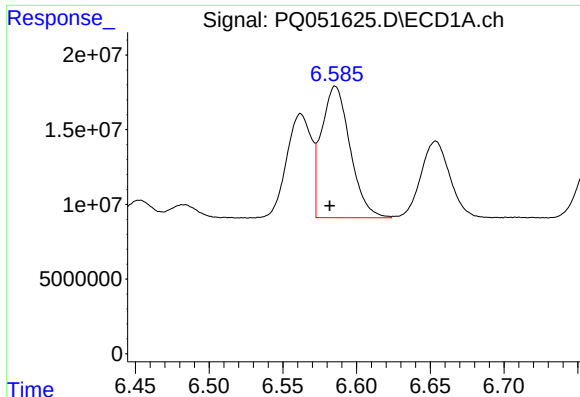
#12 AR-1232-2

R.T.: 6.268 min
Delta R.T.: 0.004 min
Response: 59930963
Conc: 242.83 ng/ml



#12 AR-1232-2

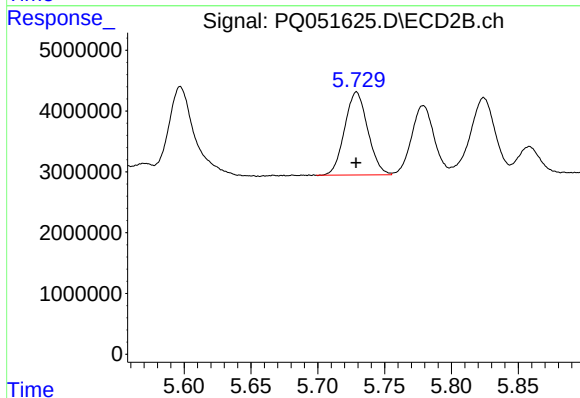
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 31902268
Conc: 226.85 ng/ml



#13 AR-1232-3

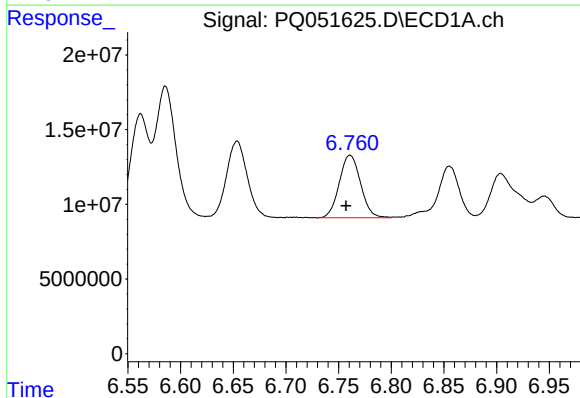
R.T.: 6.586 min
Delta R.T.: 0.004 min
Response: 118667353
Conc: 234.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



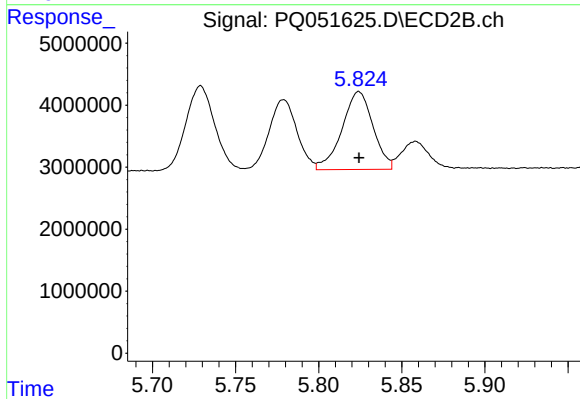
#13 AR-1232-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 16449858
Conc: 229.88 ng/ml



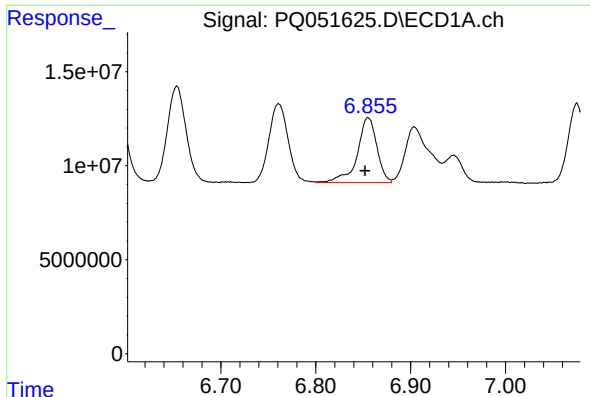
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: 0.004 min
Response: 58937659
Conc: 236.00 ng/ml



#14 AR-1232-4

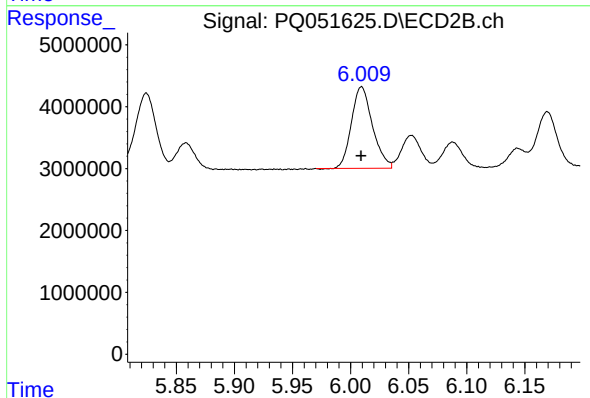
R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 16344304
Conc: 265.86 ng/ml



#15 AR-1232-5

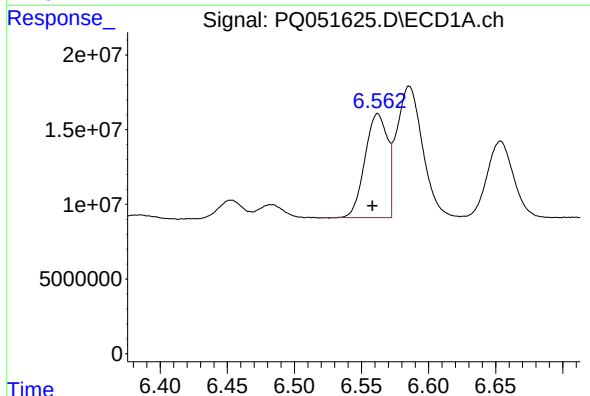
R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 49767536
Conc: 280.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



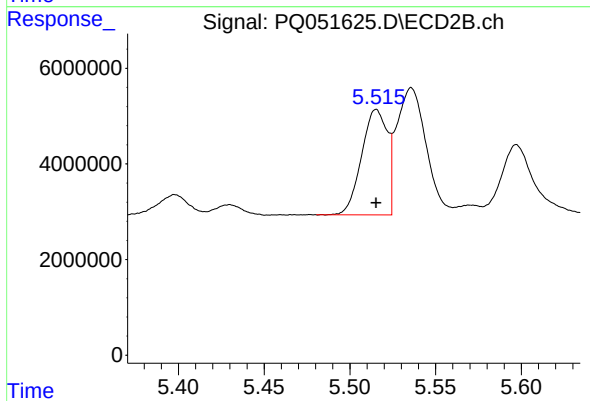
#15 AR-1232-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 16597425
Conc: 258.73 ng/ml



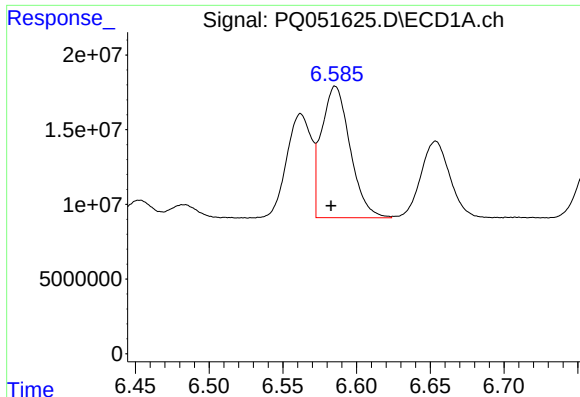
#16 AR-1242-1

R.T.: 6.562 min
Delta R.T.: 0.004 min
Response: 81334697
Conc: 115.75 ng/ml



#16 AR-1242-1

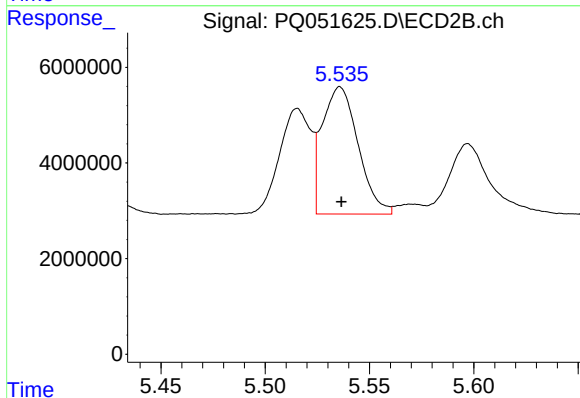
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 23041673
Conc: 109.59 ng/ml



#17 AR-1242-2

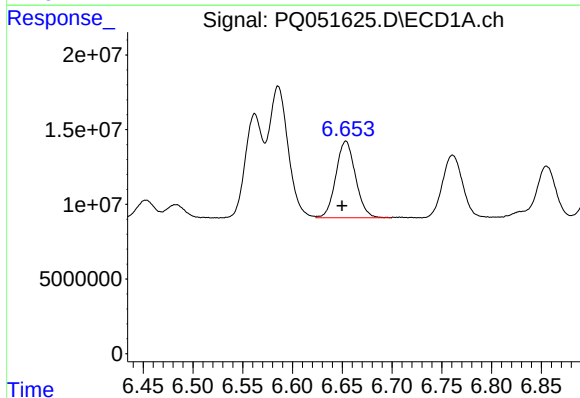
R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 118667353
Conc: 115.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



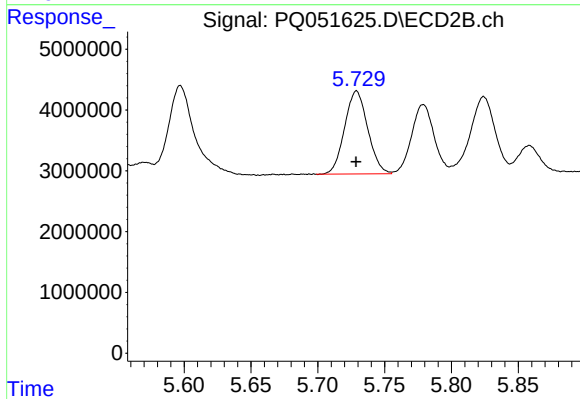
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 31902268
Conc: 109.33 ng/ml



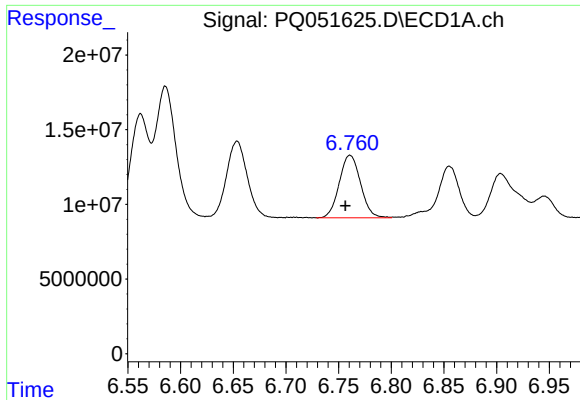
#18 AR-1242-3

R.T.: 6.654 min
Delta R.T.: 0.004 min
Response: 70512964
Conc: 114.68 ng/ml



#18 AR-1242-3

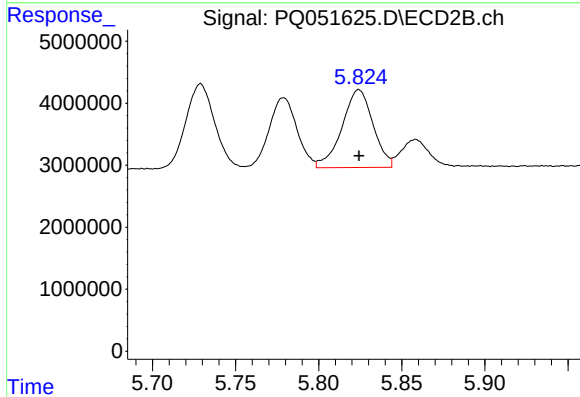
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 16449858
Conc: 109.02 ng/ml



#19 AR-1242-4

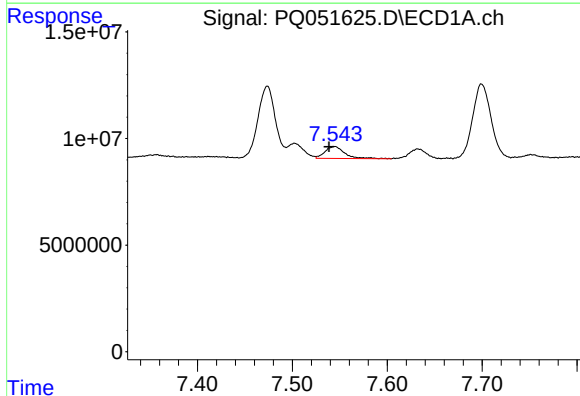
R.T.: 6.761 min
Delta R.T.: 0.004 min
Response: 58937659
Conc: 114.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



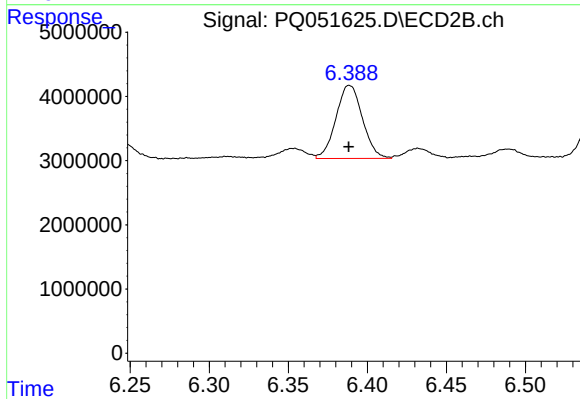
#19 AR-1242-4

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 16344304
Conc: 112.90 ng/ml



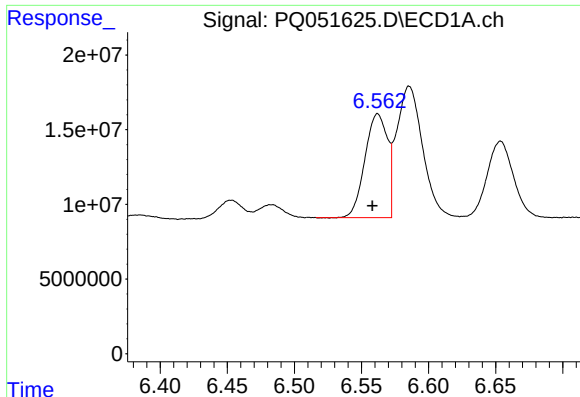
#20 AR-1242-5

R.T.: 7.545 min
Delta R.T.: 0.006 min
Response: 8057456
Conc: 14.62 ng/ml



#20 AR-1242-5

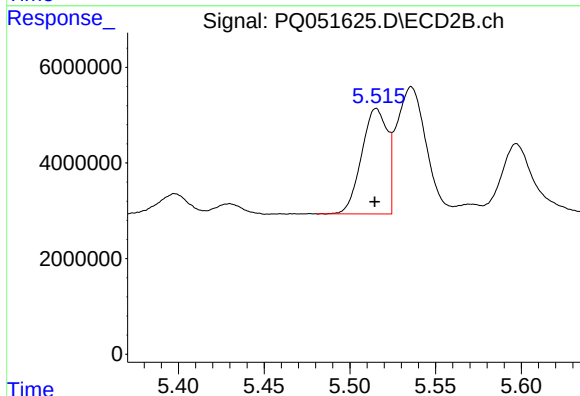
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 13292577
Conc: 69.57 ng/ml



#21 AR-1248-1

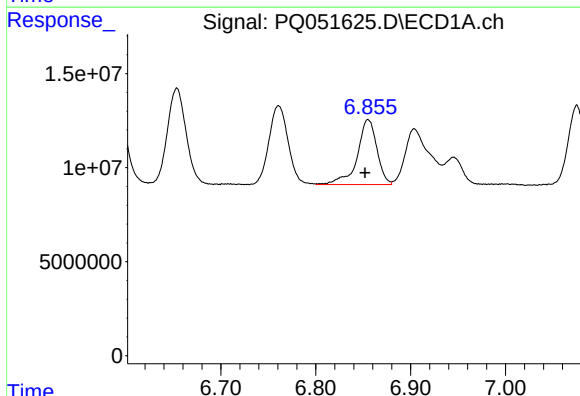
R.T.: 6.562 min
Delta R.T.: 0.004 min
Response: 81334697
Conc: 143.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



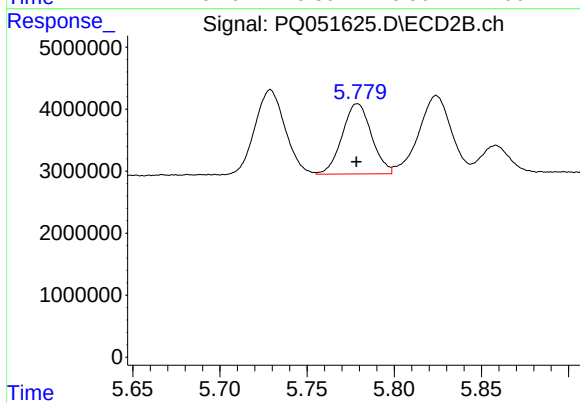
#21 AR-1248-1

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 23041673
Conc: 137.11 ng/ml



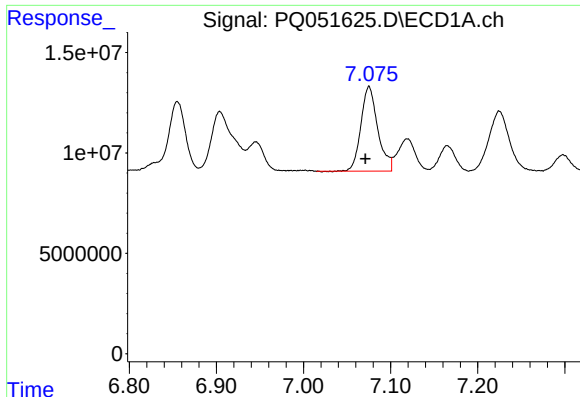
#22 AR-1248-2

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 49767536
Conc: 61.86 ng/ml



#22 AR-1248-2

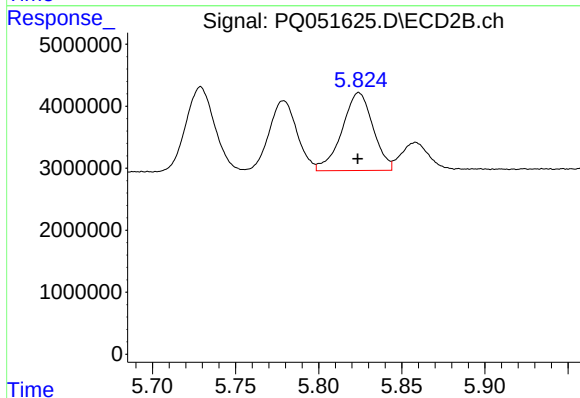
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 13281167
Conc: 58.64 ng/ml



#23 AR-1248-3

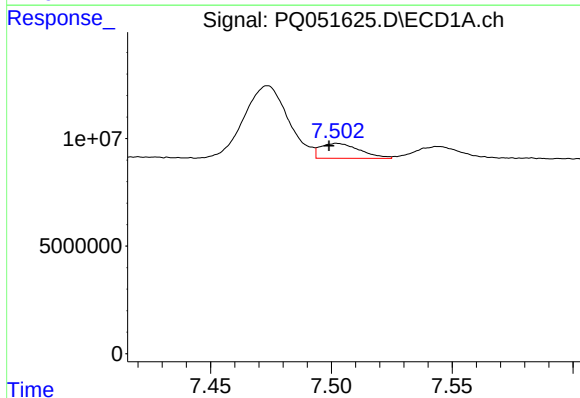
R.T.: 7.075 min
Delta R.T.: 0.004 min
Response: 56767080
Conc: 61.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



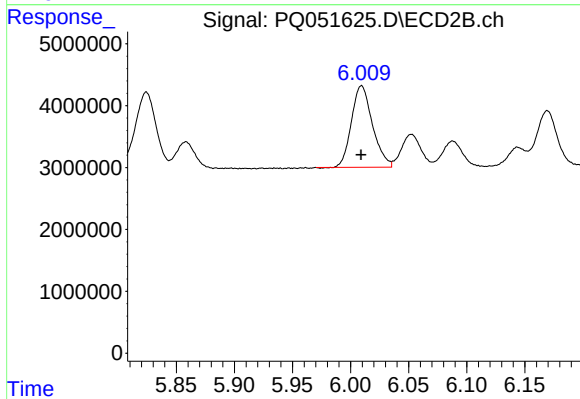
#23 AR-1248-3

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 16344304
Conc: 69.51 ng/ml



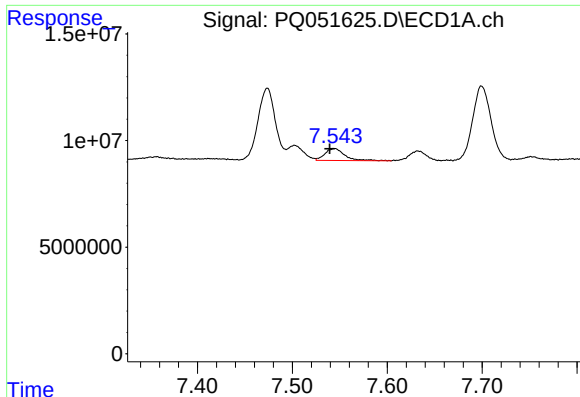
#24 AR-1248-4

R.T.: 7.502 min
Delta R.T.: 0.003 min
Response: 7919780
Conc: 7.46 ng/ml



#24 AR-1248-4

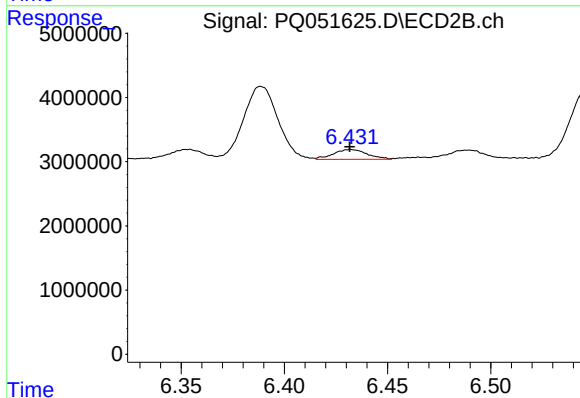
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 16597425
Conc: 60.38 ng/ml



#25 AR-1248-5

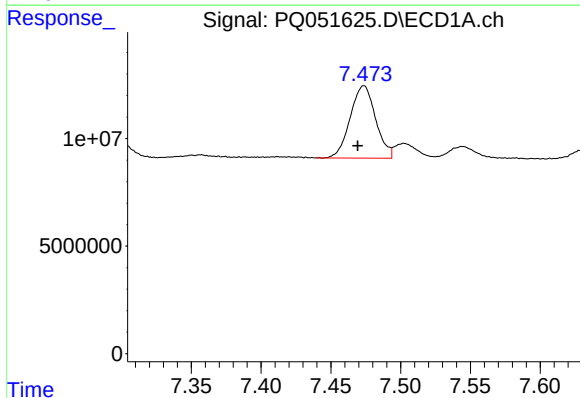
R.T.: 7.545 min
Delta R.T.: 0.005 min
Response: 8057456
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



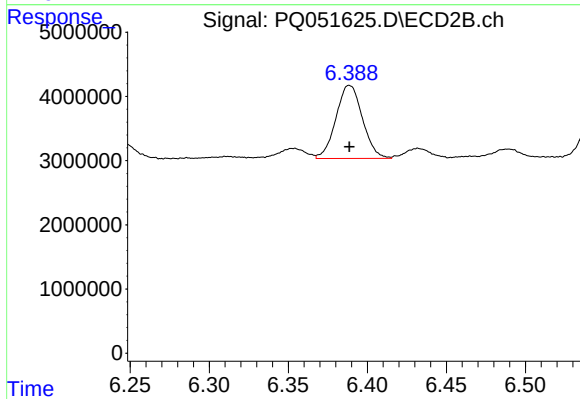
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1735208
Conc: 6.01 ng/ml



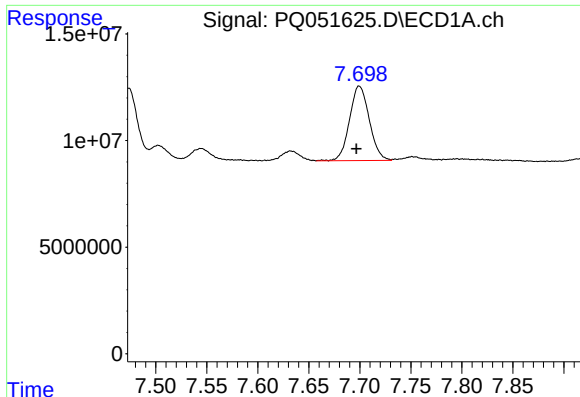
#26 AR-1254-1

R.T.: 7.474 min
Delta R.T.: 0.004 min
Response: 42690107
Conc: 43.41 ng/ml



#26 AR-1254-1

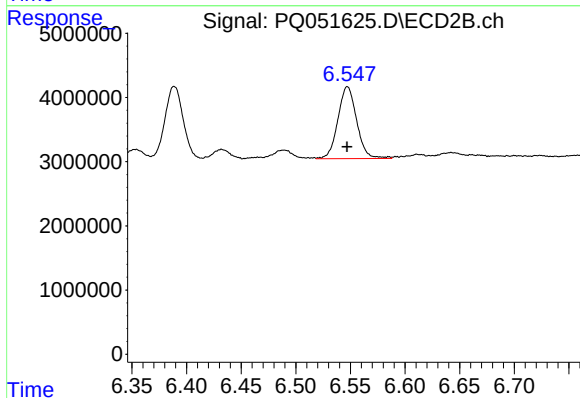
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 13292577
Conc: 31.32 ng/ml



#27 AR-1254-2

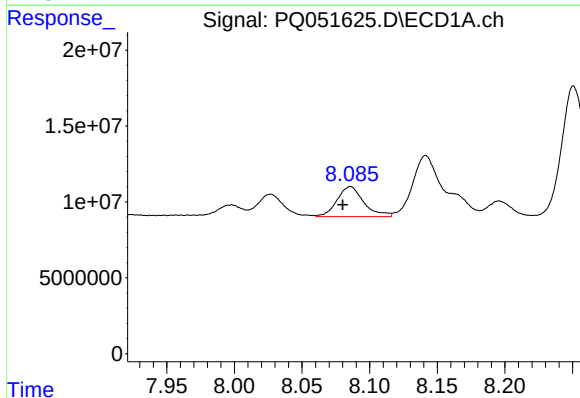
R.T.: 7.699 min
Delta R.T.: 0.003 min
Response: 47137260
Conc: 30.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



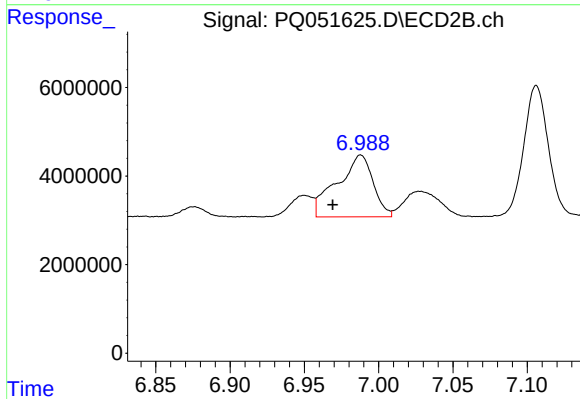
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 13469349
Conc: 36.70 ng/ml



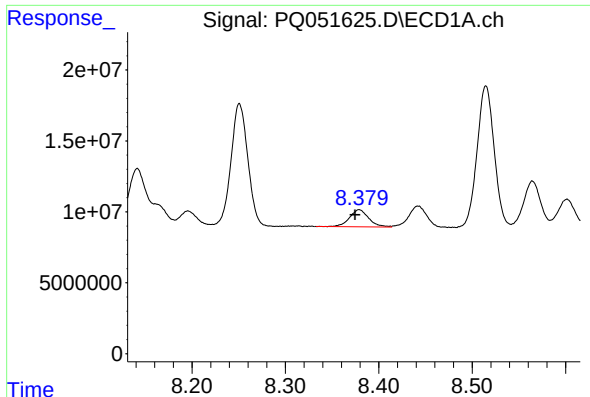
#28 AR-1254-3

R.T.: 8.086 min
Delta R.T.: 0.006 min
Response: 27428702
Conc: 16.60 ng/ml



#28 AR-1254-3

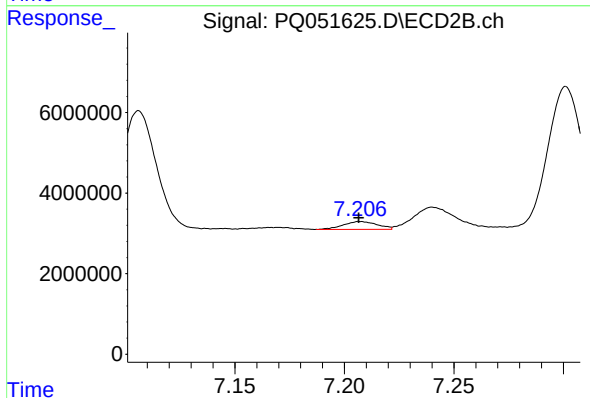
R.T.: 6.988 min
Delta R.T.: 0.019 min
Response: 23560607
Conc: 38.61 ng/ml



#29 AR-1254-4

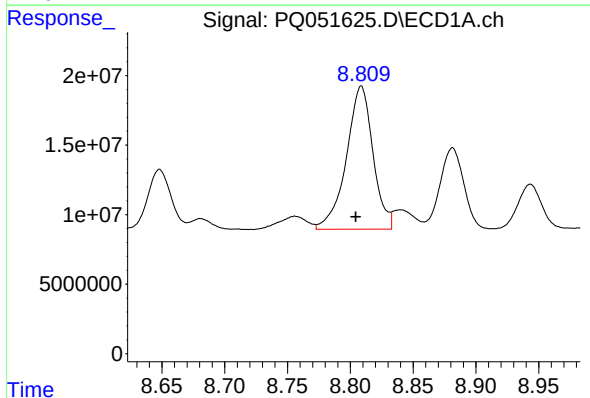
R.T.: 8.379 min
Delta R.T.: 0.005 min
Response: 17067644
Conc: 14.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



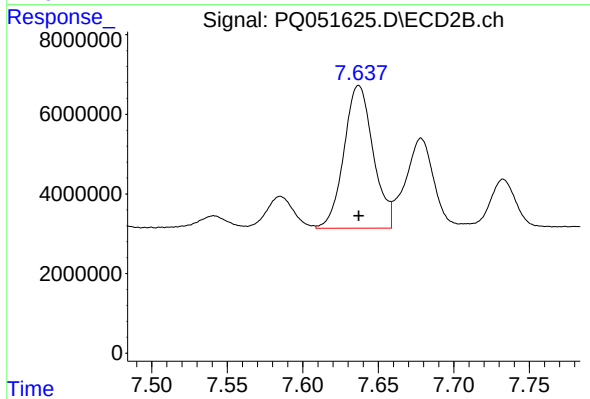
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 2113480
Conc: 5.60 ng/ml



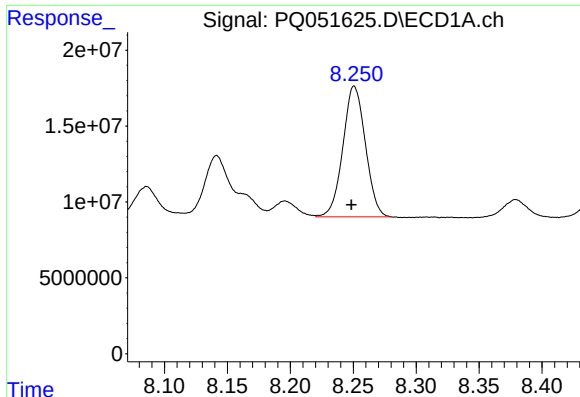
#30 AR-1254-5

R.T.: 8.809 min
Delta R.T.: 0.004 min
Response: 152080493
Conc: 120.50 ng/ml



#30 AR-1254-5

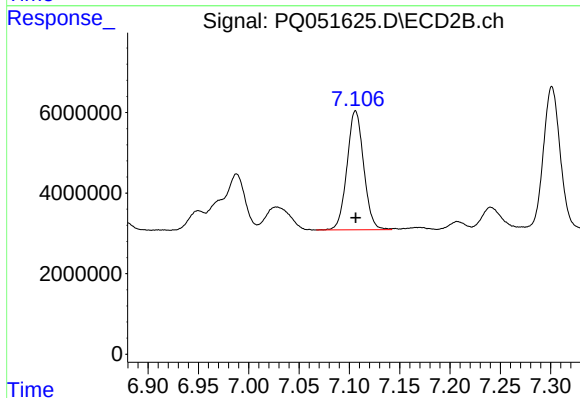
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 48272868
Conc: 91.91 ng/ml



#31 AR-1260-1

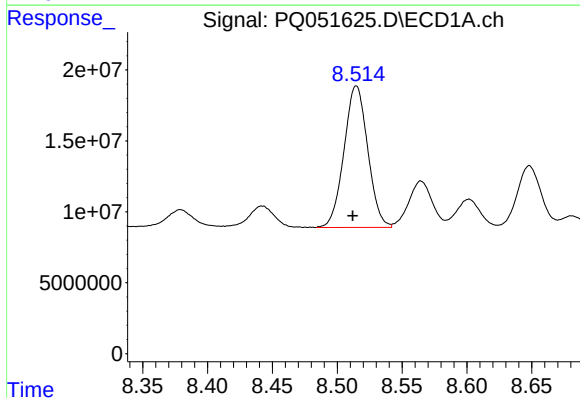
R.T.: 8.251 min
Delta R.T.: 0.002 min
Response: 107122745
Conc: 103.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



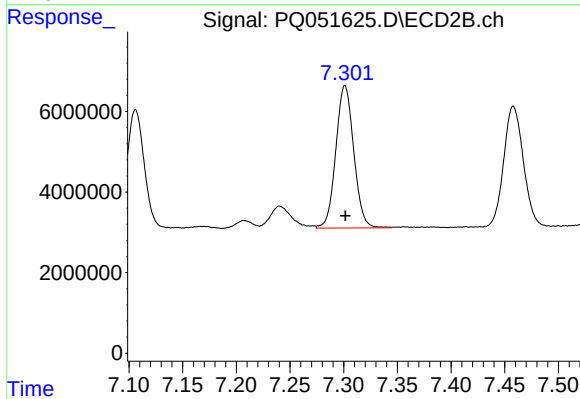
#31 AR-1260-1

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 34064480
Conc: 96.03 ng/ml



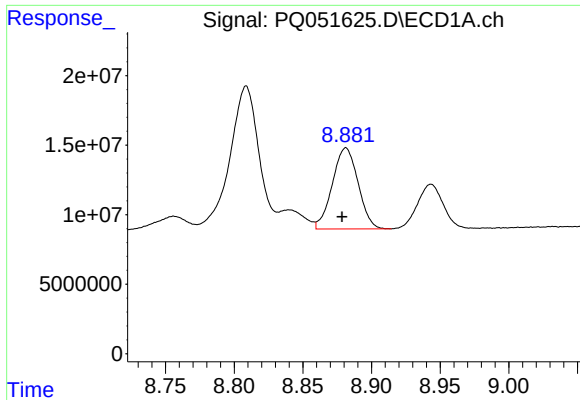
#32 AR-1260-2

R.T.: 8.515 min
Delta R.T.: 0.003 min
Response: 127522712
Conc: 103.12 ng/ml



#32 AR-1260-2

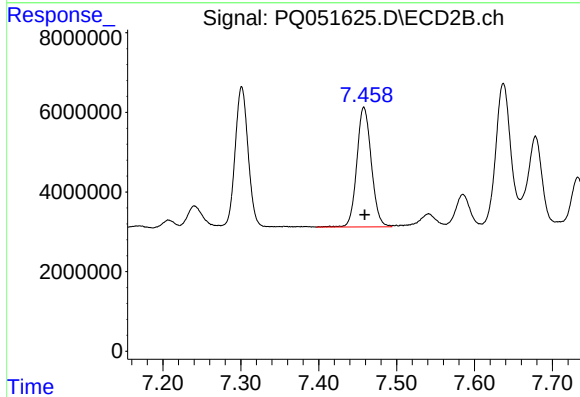
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 41098973
Conc: 92.90 ng/ml



#33 AR-1260-3

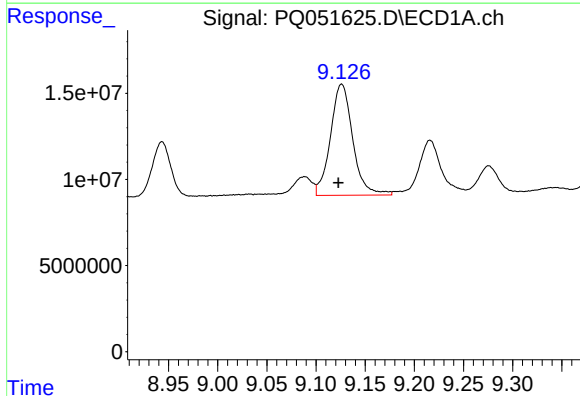
R.T.: 8.881 min
Delta R.T.: 0.003 min
Response: 76199665
Conc: 83.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



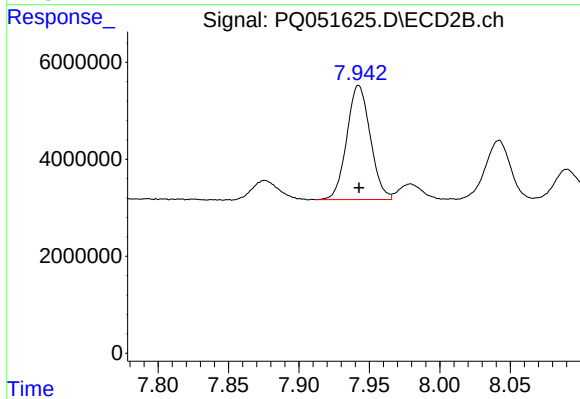
#33 AR-1260-3

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 38869303
Conc: 93.80 ng/ml



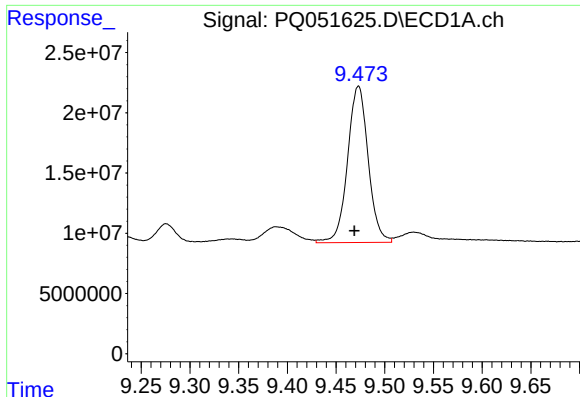
#34 AR-1260-4

R.T.: 9.126 min
Delta R.T.: 0.003 min
Response: 101808377
Conc: 95.49 ng/ml



#34 AR-1260-4

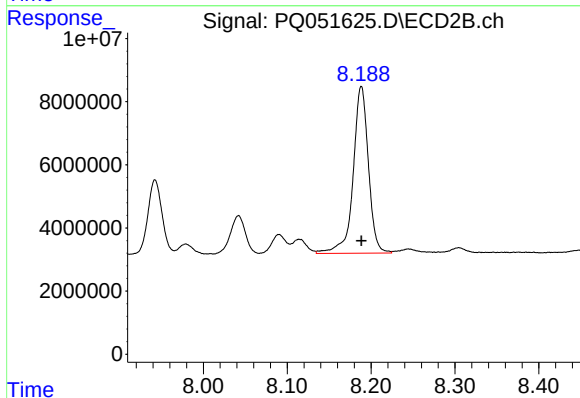
R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 27386091
Conc: 78.97 ng/ml



#35 AR-1260-5

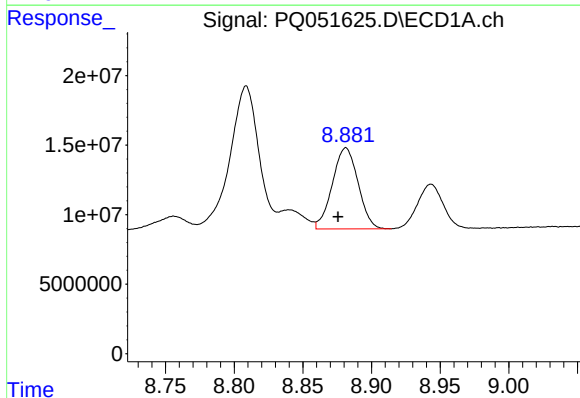
R.T.: 9.473 min
Delta R.T.: 0.004 min
Response: 191707696
Conc: 86.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



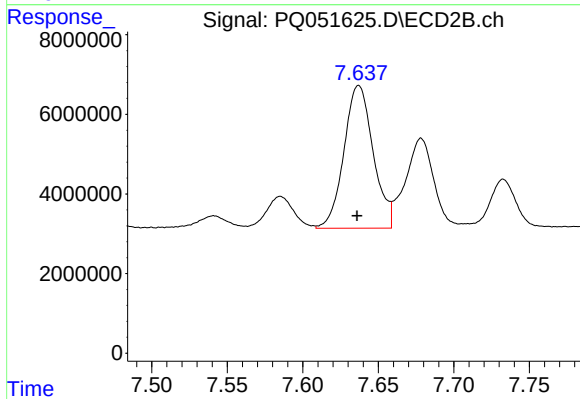
#35 AR-1260-5

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 66941742
Conc: 77.53 ng/ml



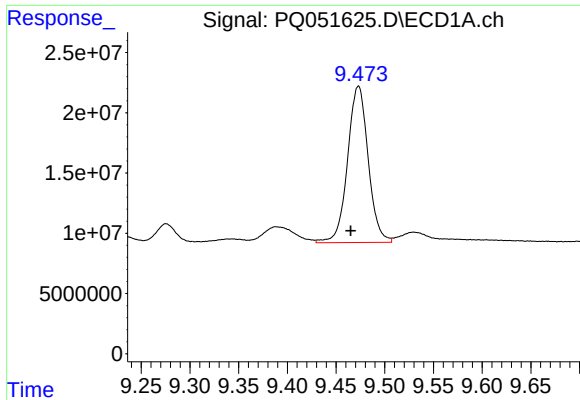
#36 AR-1262-1

R.T.: 8.881 min
Delta R.T.: 0.006 min
Response: 76199665
Conc: 50.22 ng/ml



#36 AR-1262-1

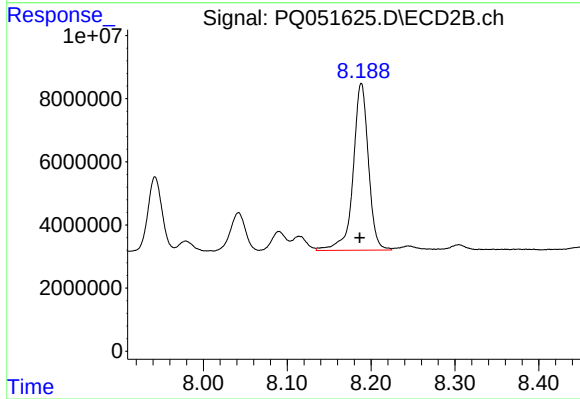
R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 48272868
Conc: 168.38 ng/ml



#37 AR-1262-2

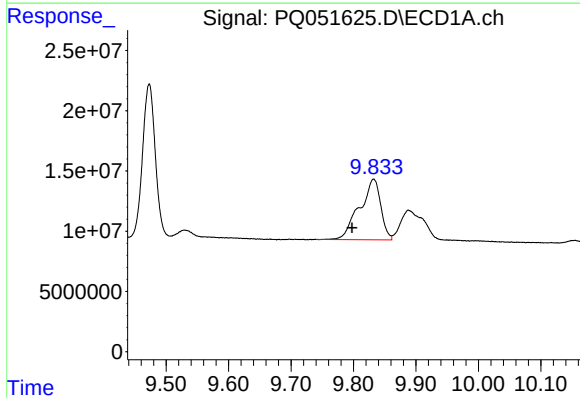
R.T.: 9.473 min
Delta R.T.: 0.008 min
Response: 191707696
Conc: 68.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



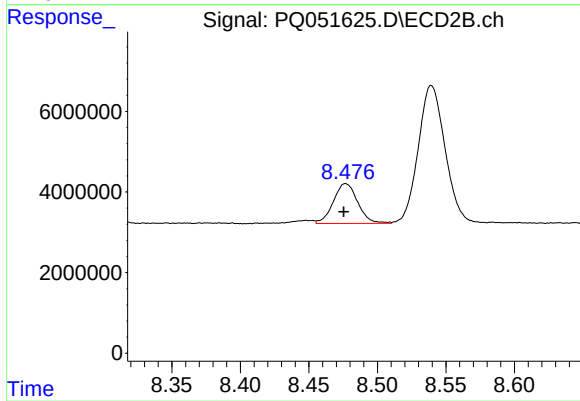
#37 AR-1262-2

R.T.: 8.188 min
Delta R.T.: 0.002 min
Response: 66941742
Conc: 65.66 ng/ml



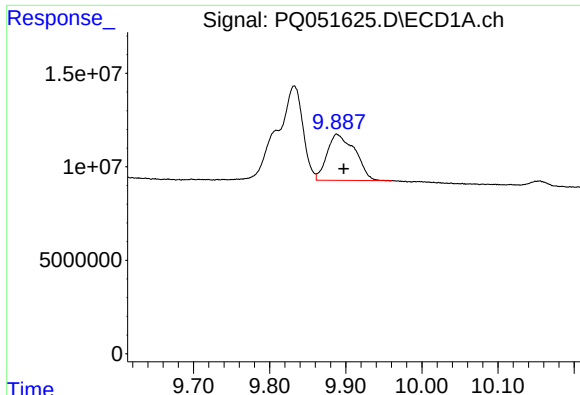
#38 AR-1262-3

R.T.: 9.832 min
Delta R.T.: 0.034 min
Response: 118625571
Conc: 98.84 ng/ml



#38 AR-1262-3

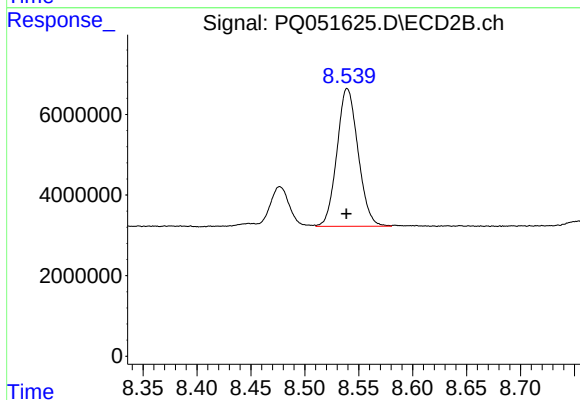
R.T.: 8.477 min
Delta R.T.: 0.001 min
Response: 12272754
Conc: 32.62 ng/ml



#39 AR-1262-4

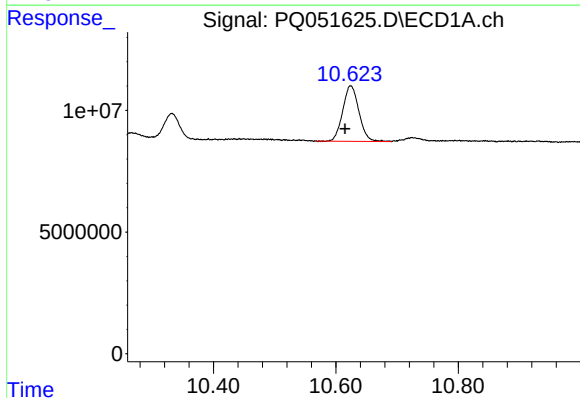
R.T.: 9.888 min
Delta R.T.: -0.009 min
Response: 62863076
Conc: 89.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



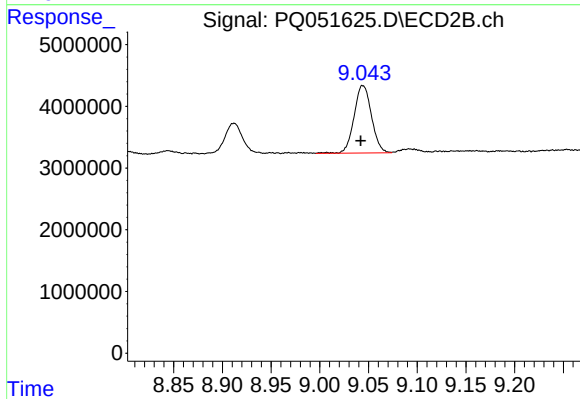
#39 AR-1262-4

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 46578839
Conc: 63.52 ng/ml



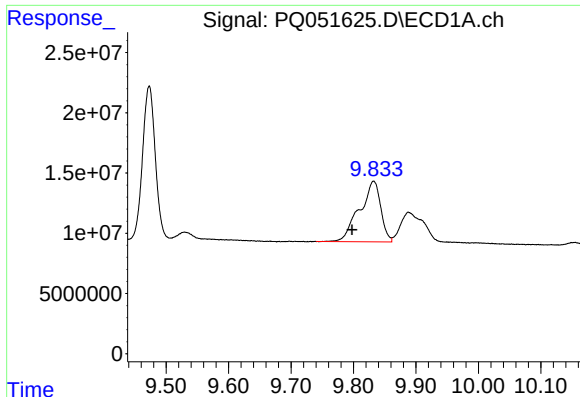
#40 AR-1262-5

R.T.: 10.624 min
Delta R.T.: 0.009 min
Response: 41959094
Conc: 44.08 ng/ml



#40 AR-1262-5

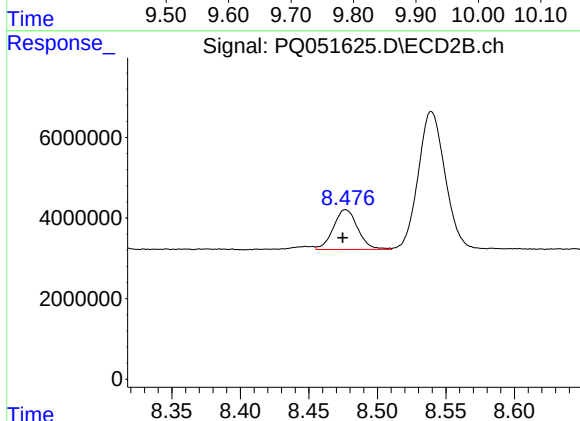
R.T.: 9.044 min
Delta R.T.: 0.002 min
Response: 13615292
Conc: 41.36 ng/ml



#41 AR-1268-1

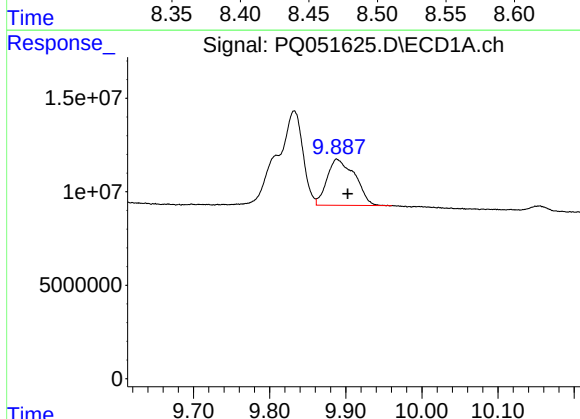
R.T.: 9.832 min
Delta R.T.: 0.035 min
Response: 118625571
Conc: 35.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



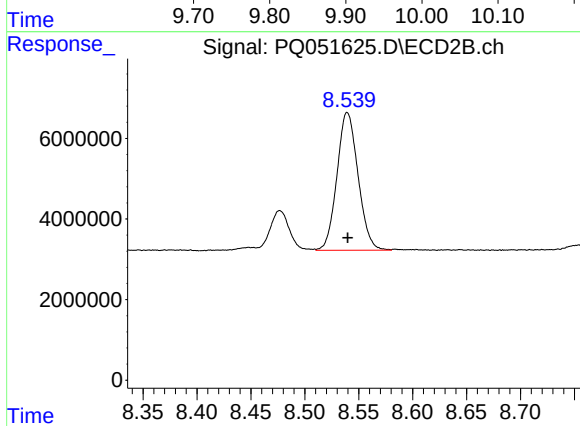
#41 AR-1268-1

R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 12272754
Conc: 10.57 ng/ml



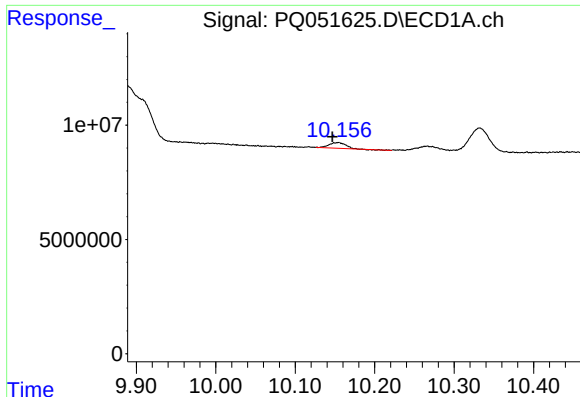
#42 AR-1268-2

R.T.: 9.888 min
Delta R.T.: -0.014 min
Response: 62863076
Conc: 20.94 ng/ml



#42 AR-1268-2

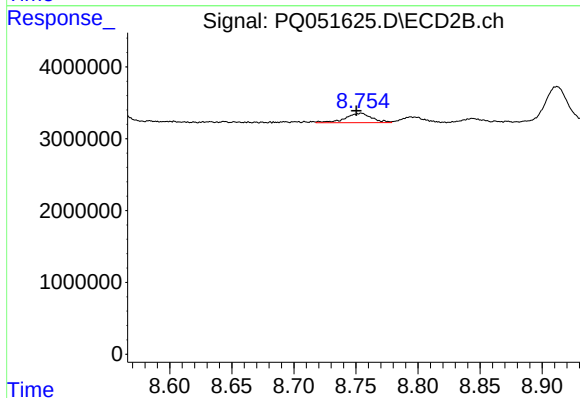
R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 46578839
Conc: 43.77 ng/ml



#43 AR-1268-3

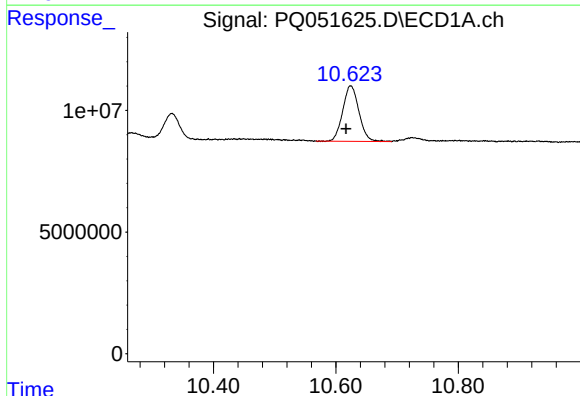
R.T.: 10.154 min
Delta R.T.: 0.008 min
Response: 3482733
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



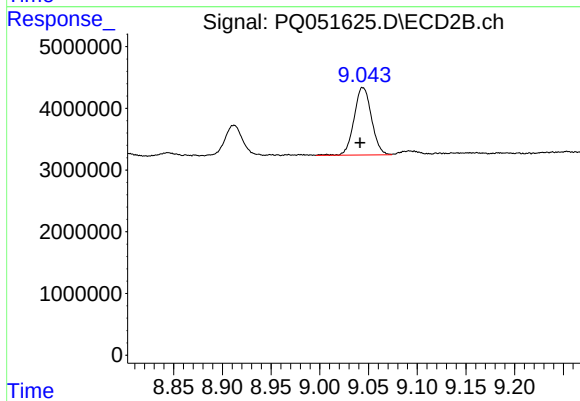
#43 AR-1268-3

R.T.: 8.754 min
Delta R.T.: 0.004 min
Response: 1929183
Conc: 2.16 ng/ml



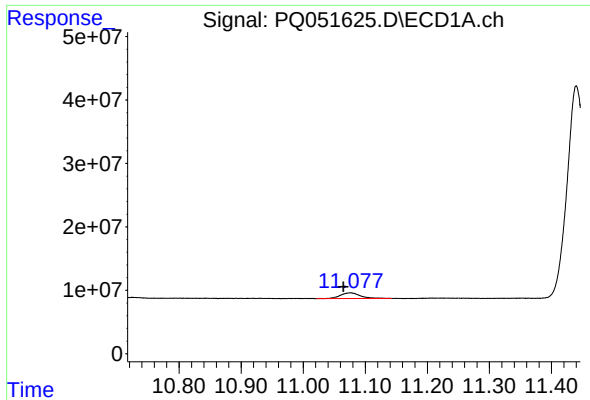
#44 AR-1268-4

R.T.: 10.624 min
Delta R.T.: 0.007 min
Response: 41959094
Conc: 38.63 ng/ml



#44 AR-1268-4

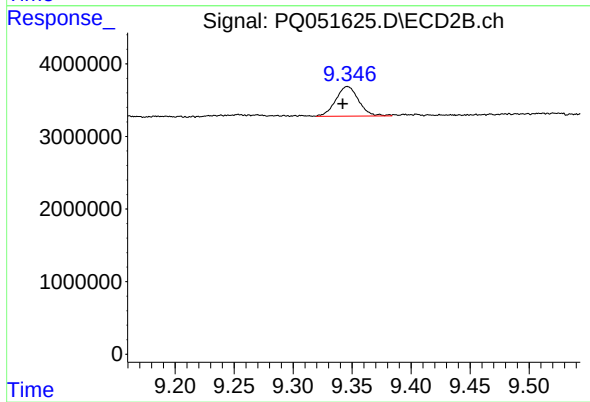
R.T.: 9.044 min
Delta R.T.: 0.003 min
Response: 13615292
Conc: 36.91 ng/ml



#45 AR-1268-5

R.T.: 11.076 min
Delta R.T.: 0.011 min
Response: 20103056
Conc: 2.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.004 min
Response: 5522983
Conc: 1.98 ng/ml