

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102720\
 Data File : PQ050717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2020 17:58
 Operator : DD\AJ
 Sample : PB132649BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 04:25:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 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...	5.189	4.263	395.5E6	110.6E6	18.187	17.647
2)	SA Decachlor...	11.362	9.609	272.4E6	118.4E6	21.780	17.827
Target Compounds							
3)	L1 AR-1016-1	6.522	5.522	123.7E6	39025160	166.764	161.940
4)	L1 AR-1016-2	6.545	5.542	175.4E6	53363267	163.909	162.396
5)	L1 AR-1016-3	6.611	5.736	105.9E6	28450601	168.679	164.975
6)	L1 AR-1016-4	6.721	5.786	88700177	22251038	166.852	168.083
7)	L1 AR-1016-5	7.034	6.016	78370494	28405207	161.710	164.923
8)	L2 AR-1221-1	5.467f	4.519	75336157	3260716	376.235	56.501 #
9)	L2 AR-1221-2	5.545	4.600f	19455730	20795963	132.468	482.937 #
10)	L2 AR-1221-3	5.634	4.708	65383198	18958171	141.475	137.706
11)	L3 AR-1232-1	5.634	4.708	65383198	18958171	167.474	162.067
12)	L3 AR-1232-2	6.225	5.542	85698563	53363267	443.583	432.548
13)	L3 AR-1232-3	6.545	5.736	175.4E6	28450601	444.642	443.780
14)	L3 AR-1232-4	6.721	5.831	88700177	26861289	453.410	496.758
15)	L3 AR-1232-5	6.813	6.016	74768278	28405207	528.694	473.070
16)	L4 AR-1242-1	6.522	5.522	123.7E6	39025160	259.436	253.348
17)	L4 AR-1242-2	6.545	5.542	175.4E6	53363267	260.175	247.514
18)	L4 AR-1242-3	6.611	5.736	105.9E6	28450601	261.020	251.645
19)	L4 AR-1242-4	6.721	5.831	88700177	26861289	262.885	253.648
20)	L4 AR-1242-5	7.504	6.395	11660676	23181116	34.298	159.165 #
21)	L5 AR-1248-1	6.522	5.522	123.7E6	39025160	301.070	296.419
22)	L5 AR-1248-2	6.813	5.786	74768278	22251038	135.579	128.886
23)	L5 AR-1248-3	7.034	5.831	78370494	26861289	132.563	151.082
24)	L5 AR-1248-4	7.464	6.016	13407727	28405207	19.403	134.037 #
25)	L5 AR-1248-5	7.504	6.439	11660676	3096414	17.610	13.576
26)	L6 AR-1254-1	7.431	6.395	60245389	23181116	108.540	79.022 #
27)	L6 AR-1254-2	7.658	6.554	66927677	22807998	78.995	90.546
28)	L6 AR-1254-3	8.046	6.992	34290284	40720905	40.361	97.900 #
29)	L6 AR-1254-4	8.340	7.213	25951796	4743429	39.580	16.538 #
30)	L6 AR-1254-5	8.771	7.642	195.6E6	83664110	306.657	220.786 #
31)	L7 AR-1260-1	8.209	7.112	141.6E6	57127837	183.974	178.683
32)	L7 AR-1260-2	8.475	7.308	169.7E6	81738605	179.342	193.788
33)	L7 AR-1260-3	8.840	7.464	109.3E6	65317705	152.195	176.877
34)	L7 AR-1260-4	9.083	7.947	120.0E6	49017957	164.607	153.727
35)	L7 AR-1260-5	9.429	8.193	242.7E6	130.3E6	161.794	149.285
36)	L8 AR-1262-1	8.840	7.642	109.3E6	83664110	135.787	406.693 #
37)	L8 AR-1262-2	9.429	8.193	242.7E6	130.3E6	180.711	159.211
38)	L8 AR-1262-3	9.754	8.480	55198207	27676963	91.734	79.320
39)	L8 AR-1262-4	9.840f	8.544	94256105	89516287	132.204	153.663
40)	L8 AR-1262-5	10.570	9.049	64961470	29352574	133.086	102.575
41)	L9 AR-1268-1	9.754	8.480	55198207	27676963	36.724	29.149

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 Acq On : 27 Oct 2020 17:58
 Operator : DD\AJ
 Sample : PB132649BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

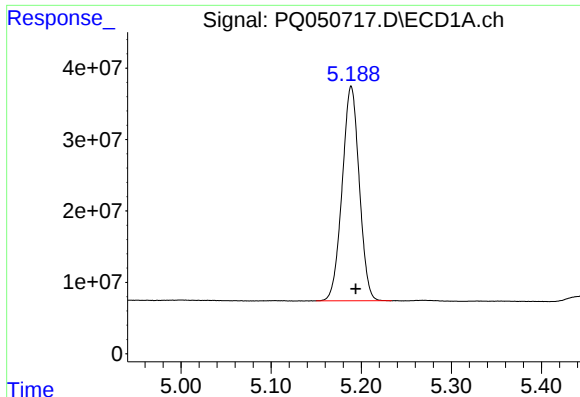
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 04:25:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 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
42) L9	AR-1268-2	9.840f	8.544	94256105	89516287	67.828	107.419 #
43) L9	AR-1268-3	10.094	8.754	6101936	2427124	5.301	3.428 #
44) L9	AR-1268-4	10.570	9.049	64961470	29352574	124.445	95.573
45) L9	AR-1268-5	11.006	9.349	23878312	9467076	7.437	4.497 #

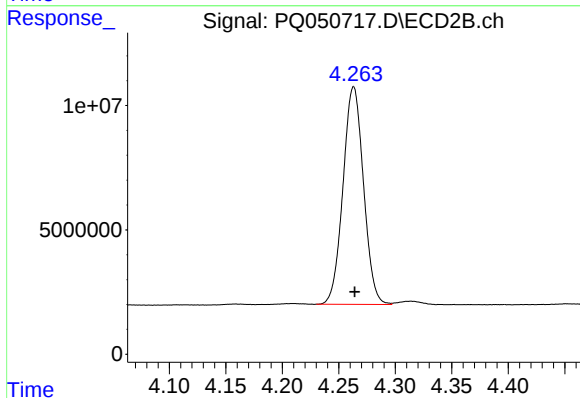
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

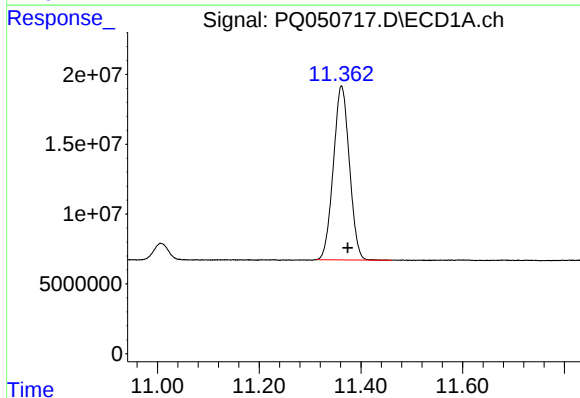
R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 395509143
Conc: 18.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



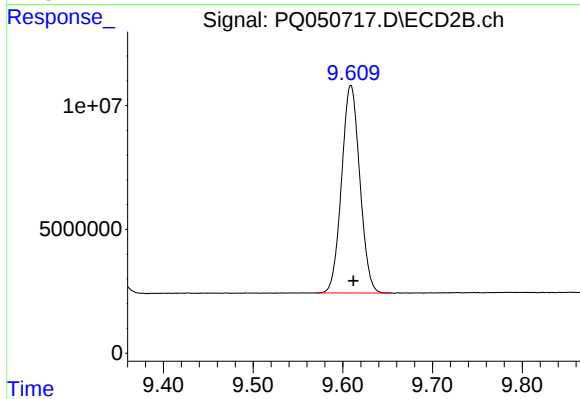
#1 Tetrachloro-m-xylene

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 110554346
Conc: 17.65 ng/ml



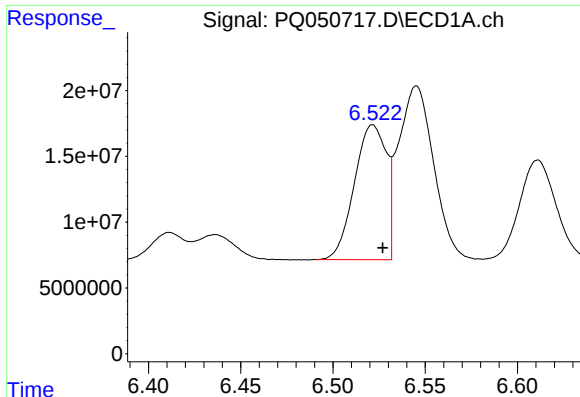
#2 Decachlorobiphenyl

R.T.: 11.362 min
Delta R.T.: -0.012 min
Response: 272425062
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

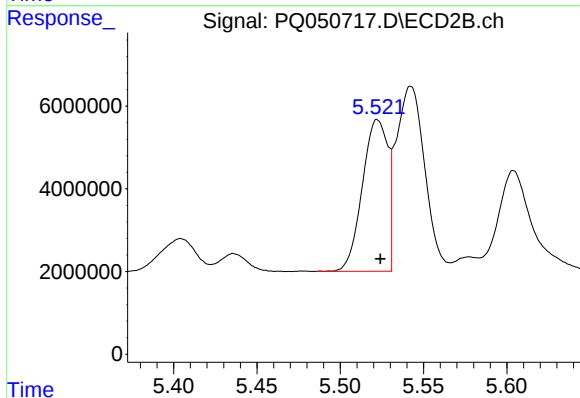
R.T.: 9.609 min
Delta R.T.: -0.003 min
Response: 118399545
Conc: 17.83 ng/ml



#3 AR-1016-1

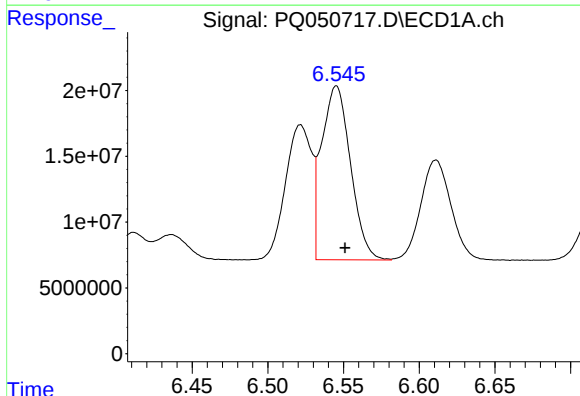
R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 123723433
Conc: 166.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



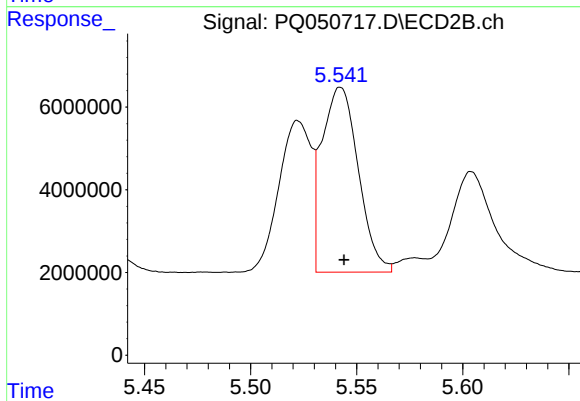
#3 AR-1016-1

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 39025160
Conc: 161.94 ng/ml



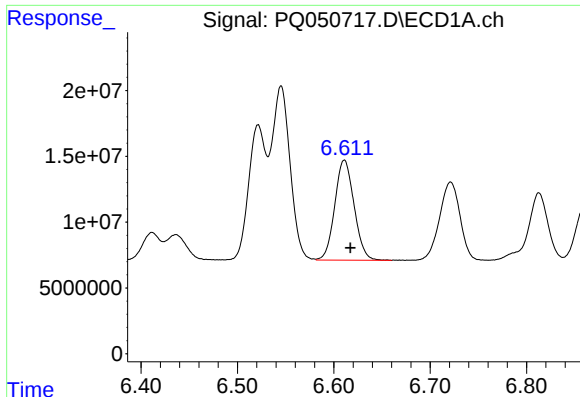
#4 AR-1016-2

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 175414841
Conc: 163.91 ng/ml



#4 AR-1016-2

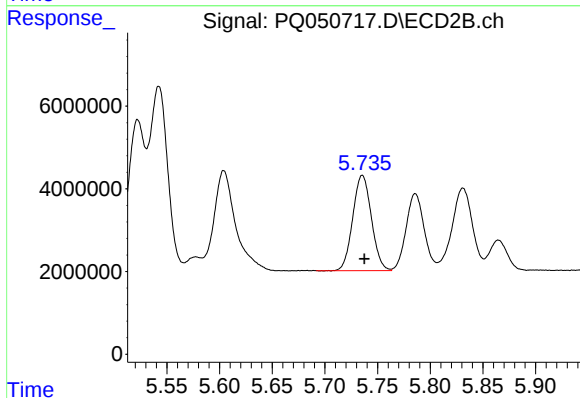
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 53363267
Conc: 162.40 ng/ml



#5 AR-1016-3

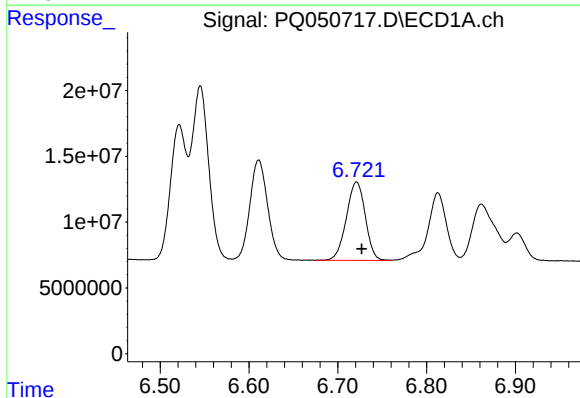
R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 105940447
Conc: 168.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



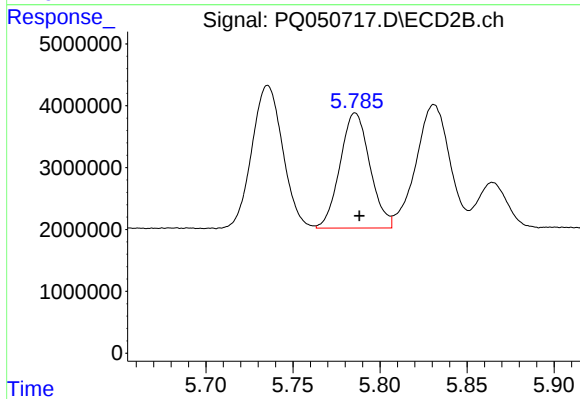
#5 AR-1016-3

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 28450601
Conc: 164.97 ng/ml



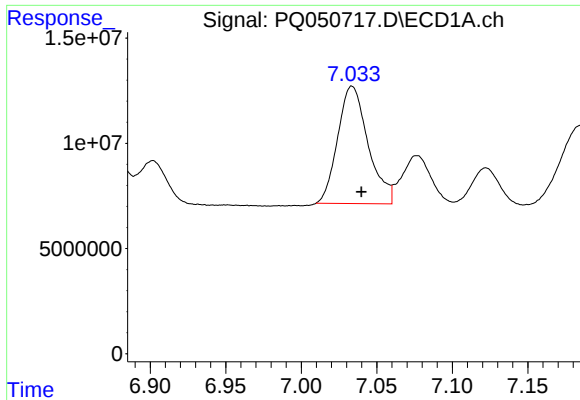
#6 AR-1016-4

R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 88700177
Conc: 166.85 ng/ml



#6 AR-1016-4

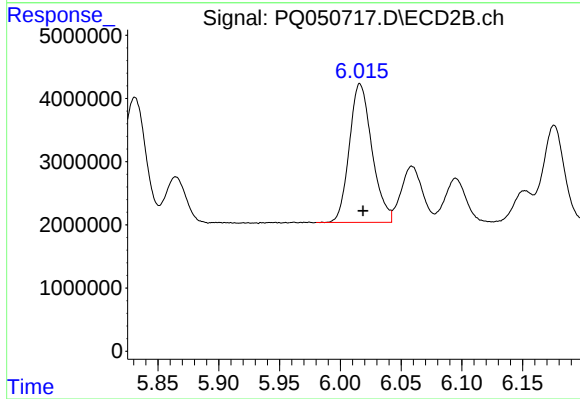
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 22251038
Conc: 168.08 ng/ml



#7 AR-1016-5

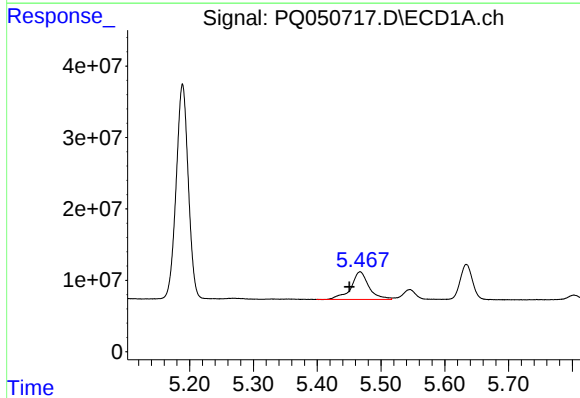
R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 78370494
Conc: 161.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



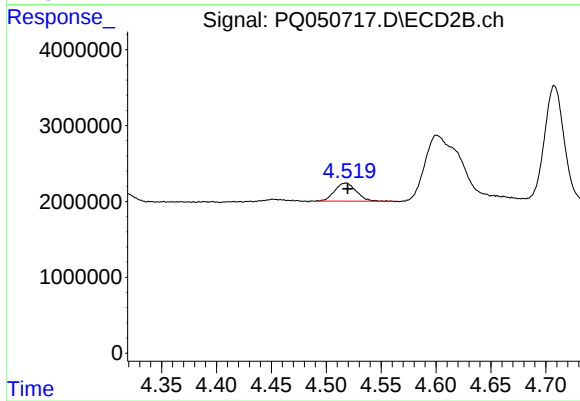
#7 AR-1016-5

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 28405207
Conc: 164.92 ng/ml



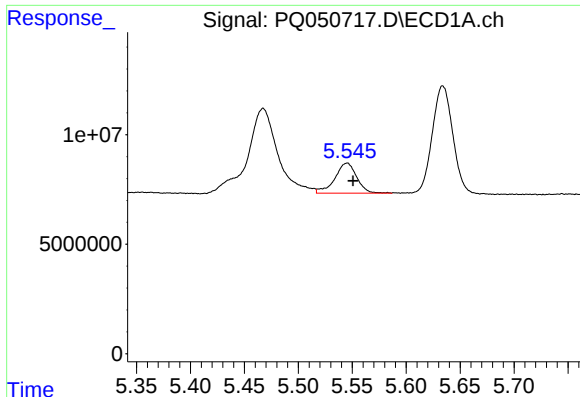
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: 0.017 min
Response: 75336157
Conc: 376.23 ng/ml



#8 AR-1221-1

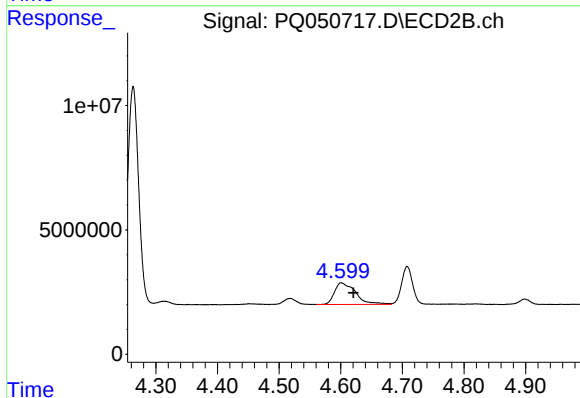
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 3260716
Conc: 56.50 ng/ml



#9 AR-1221-2

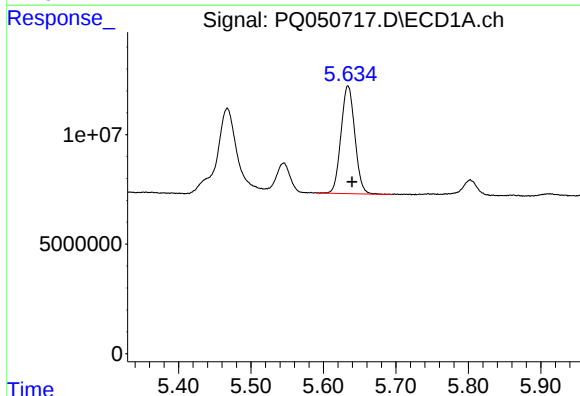
R.T.: 5.545 min
Delta R.T.: -0.006 min
Response: 19455730
Conc: 132.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



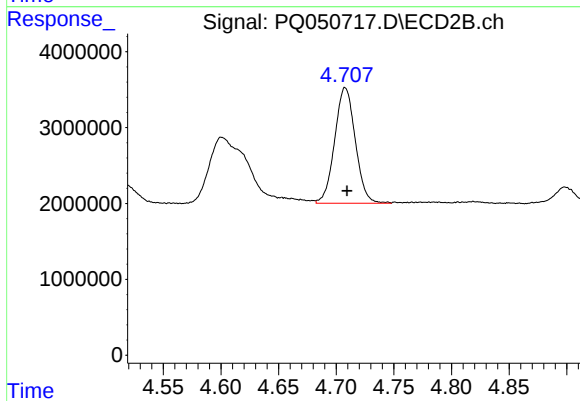
#9 AR-1221-2

R.T.: 4.600 min
Delta R.T.: -0.020 min
Response: 20795963
Conc: 482.94 ng/ml



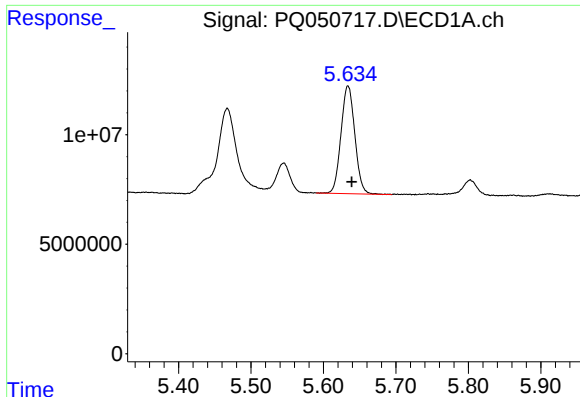
#10 AR-1221-3

R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 65383198
Conc: 141.47 ng/ml



#10 AR-1221-3

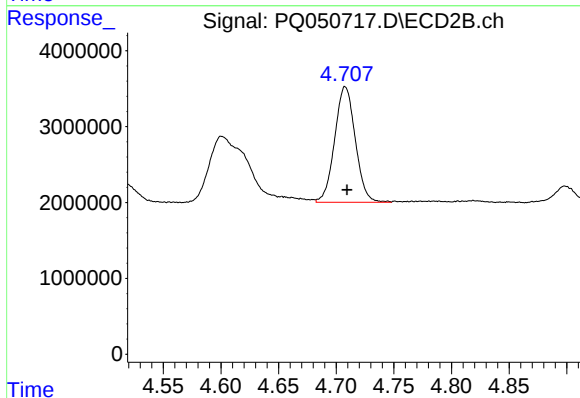
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 18958171
Conc: 137.71 ng/ml



#11 AR-1232-1

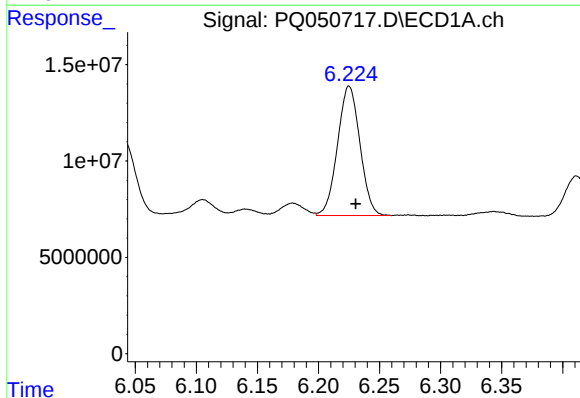
R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 65383198
Conc: 167.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



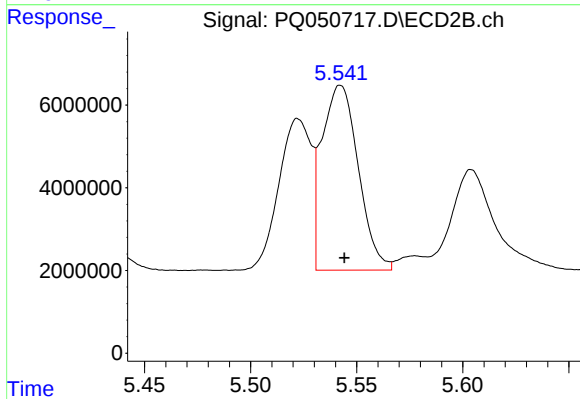
#11 AR-1232-1

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 18958171
Conc: 162.07 ng/ml



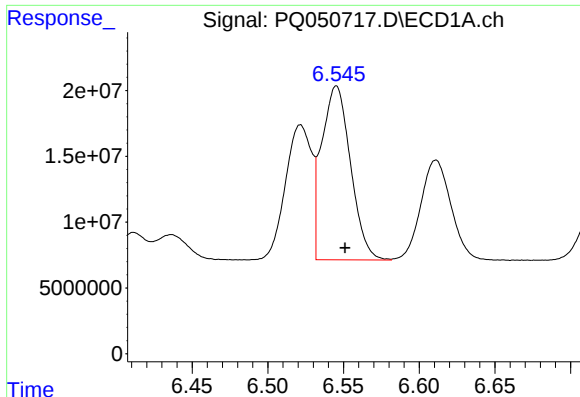
#12 AR-1232-2

R.T.: 6.225 min
Delta R.T.: -0.005 min
Response: 85698563
Conc: 443.58 ng/ml



#12 AR-1232-2

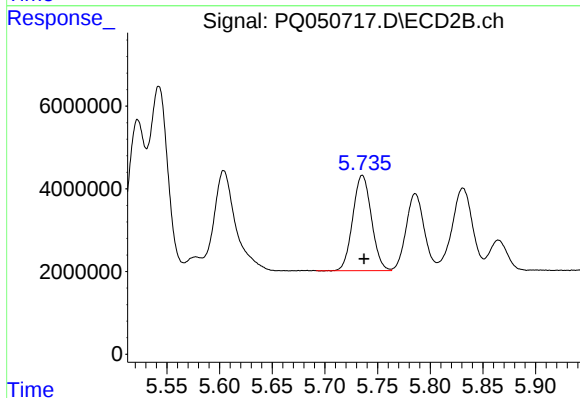
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 53363267
Conc: 432.55 ng/ml



#13 AR-1232-3

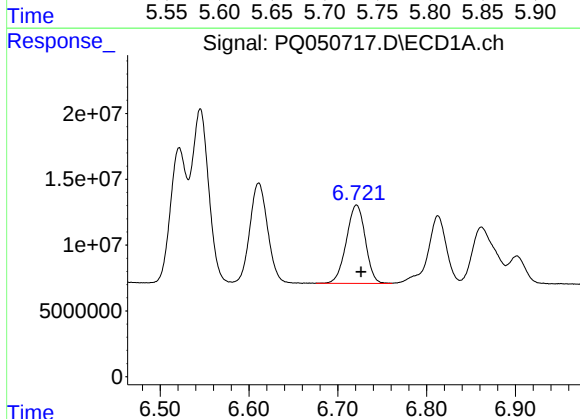
R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 175414841
Conc: 444.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



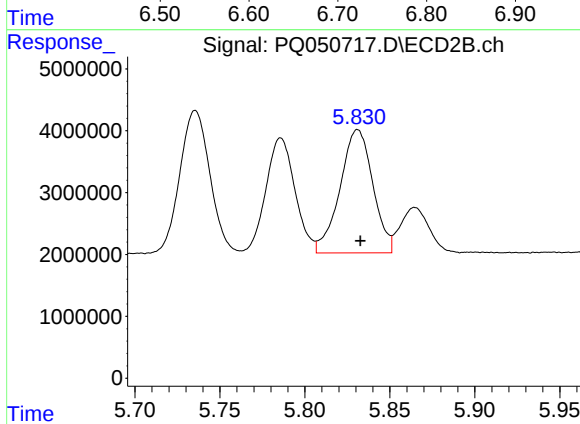
#13 AR-1232-3

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 28450601
Conc: 443.78 ng/ml



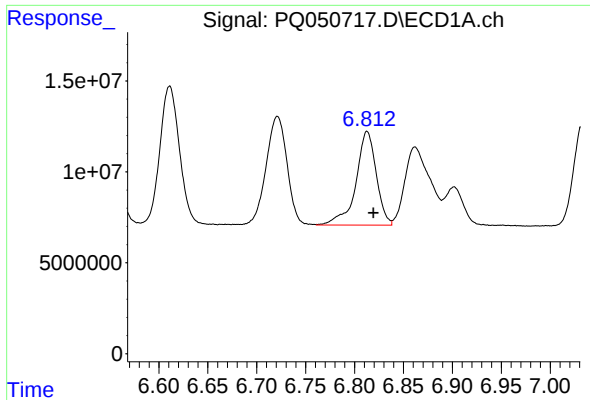
#14 AR-1232-4

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 88700177
Conc: 453.41 ng/ml



#14 AR-1232-4

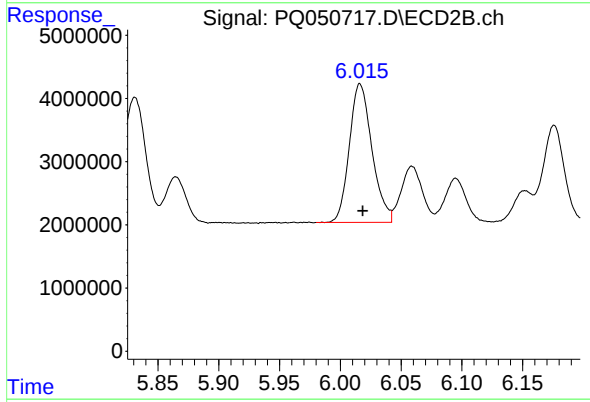
R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 26861289
Conc: 496.76 ng/ml



#15 AR-1232-5

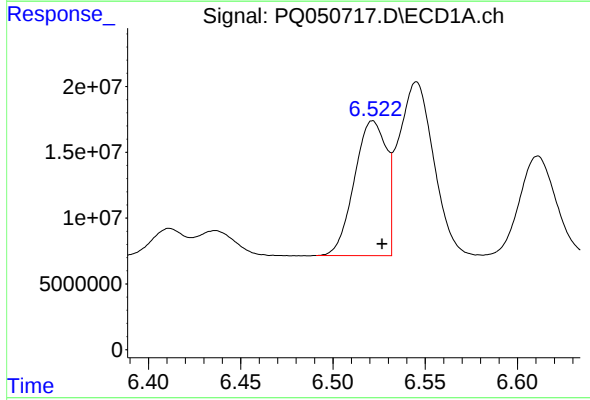
R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 74768278
Conc: 528.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



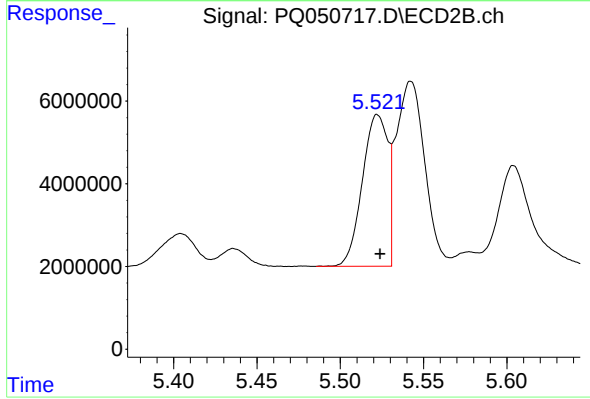
#15 AR-1232-5

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 28405207
Conc: 473.07 ng/ml



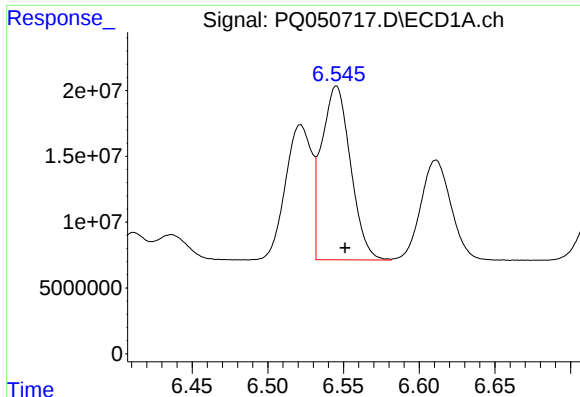
#16 AR-1242-1

R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 123723433
Conc: 259.44 ng/ml



#16 AR-1242-1

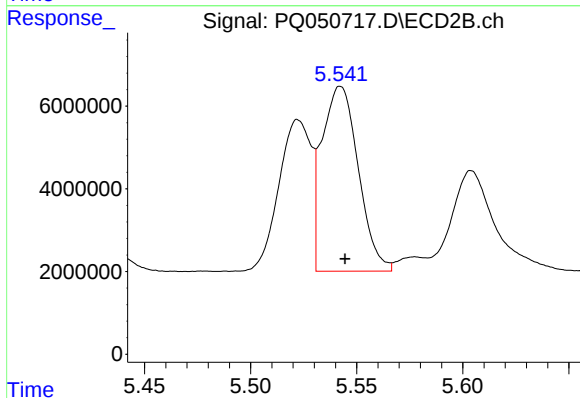
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 39025160
Conc: 253.35 ng/ml



#17 AR-1242-2

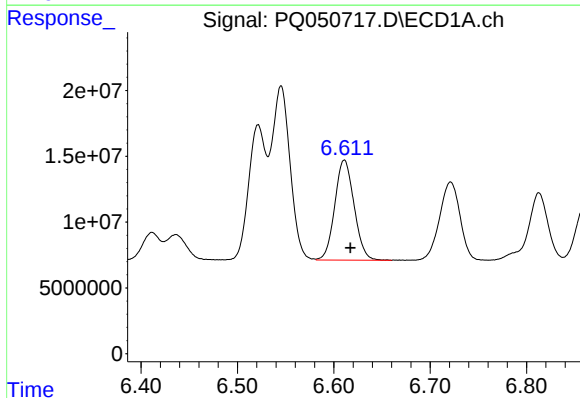
R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 175414841
Conc: 260.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



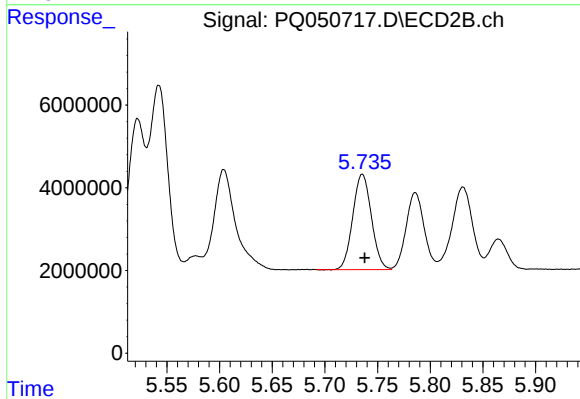
#17 AR-1242-2

R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 53363267
Conc: 247.51 ng/ml



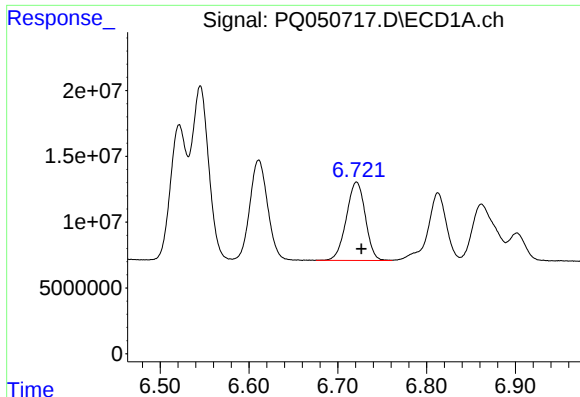
#18 AR-1242-3

R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 105940447
Conc: 261.02 ng/ml



#18 AR-1242-3

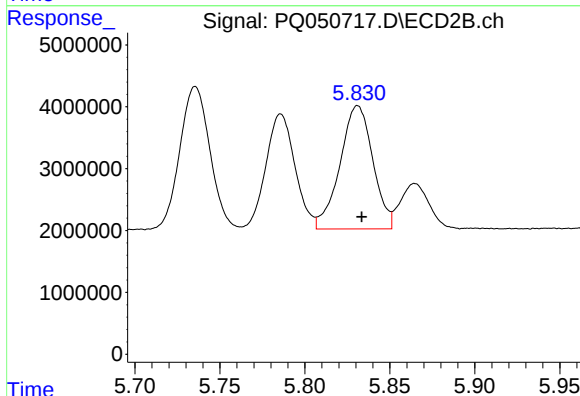
R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 28450601
Conc: 251.64 ng/ml



#19 AR-1242-4

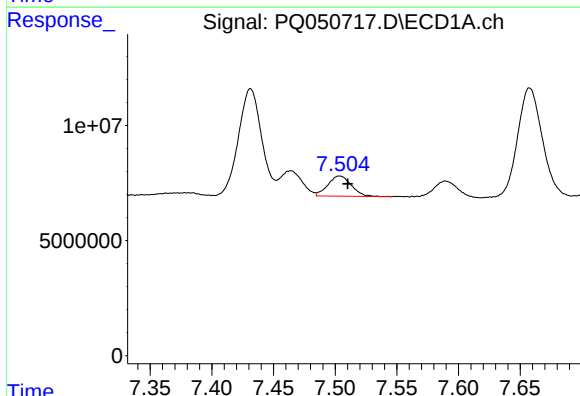
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 88700177
Conc: 262.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



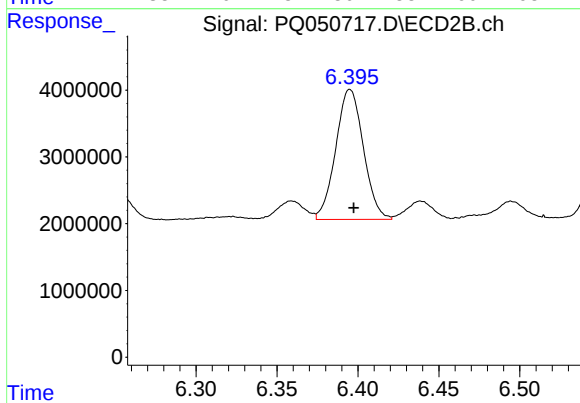
#19 AR-1242-4

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 26861289
Conc: 253.65 ng/ml



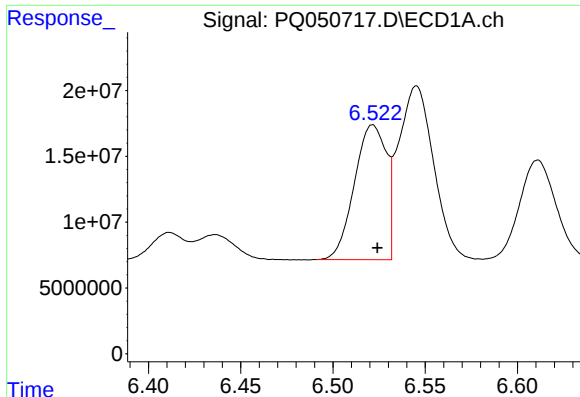
#20 AR-1242-5

R.T.: 7.504 min
Delta R.T.: -0.006 min
Response: 11660676
Conc: 34.30 ng/ml



#20 AR-1242-5

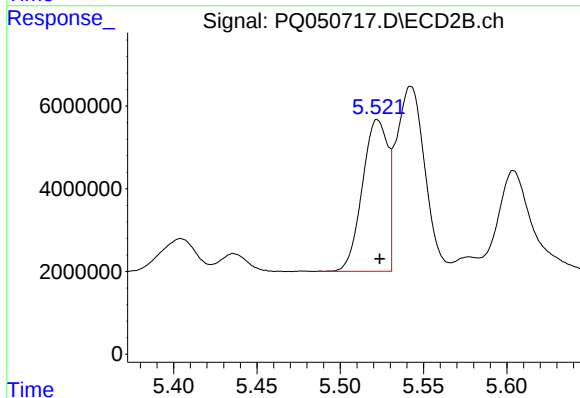
R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 23181116
Conc: 159.16 ng/ml



#21 AR-1248-1

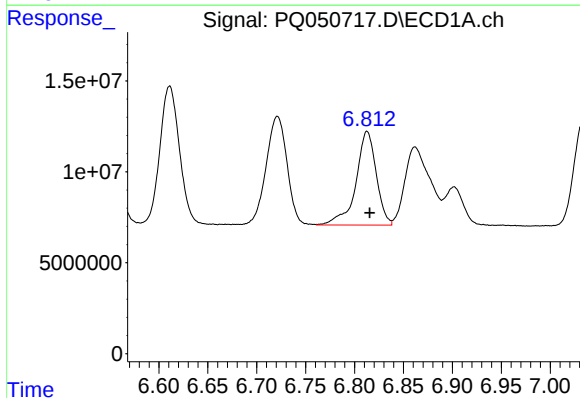
R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 123723433
Conc: 301.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



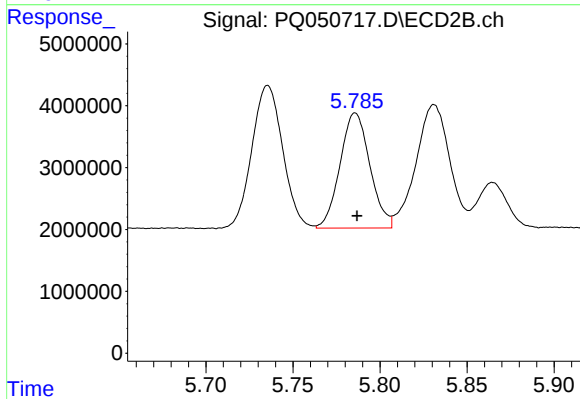
#21 AR-1248-1

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 39025160
Conc: 296.42 ng/ml



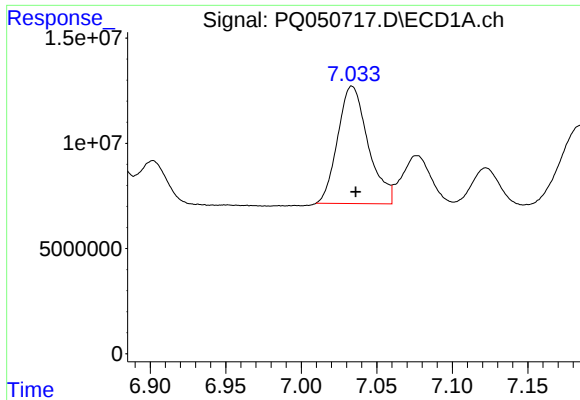
#22 AR-1248-2

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 74768278
Conc: 135.58 ng/ml



#22 AR-1248-2

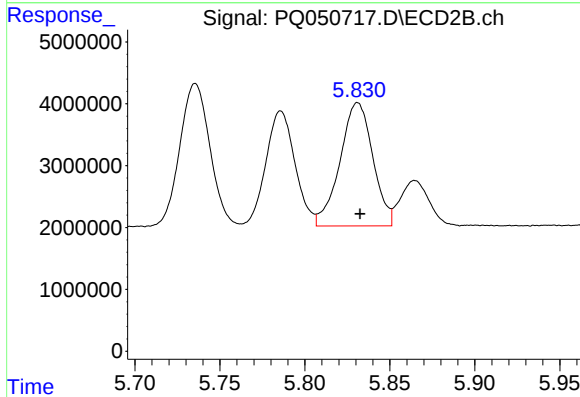
R.T.: 5.786 min
Delta R.T.: -0.001 min
Response: 22251038
Conc: 128.89 ng/ml



#23 AR-1248-3

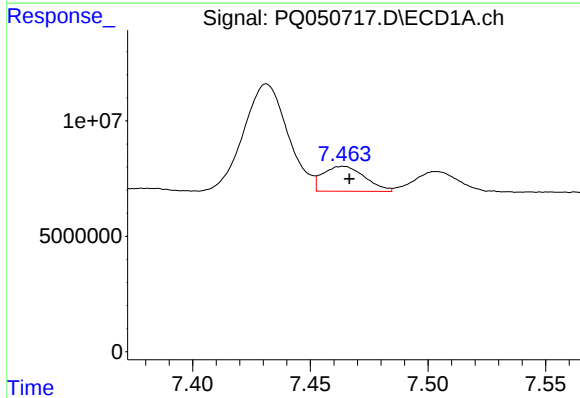
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 78370494
Conc: 132.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



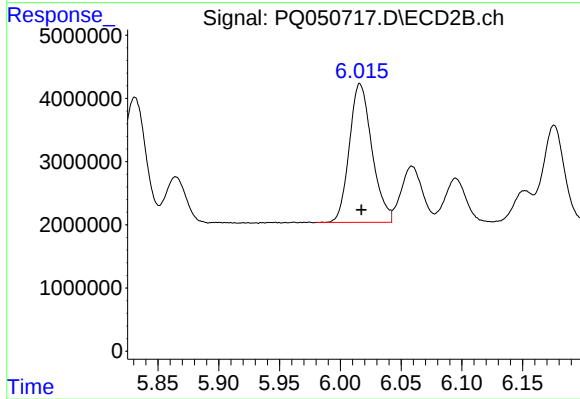
#23 AR-1248-3

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 26861289
Conc: 151.08 ng/ml



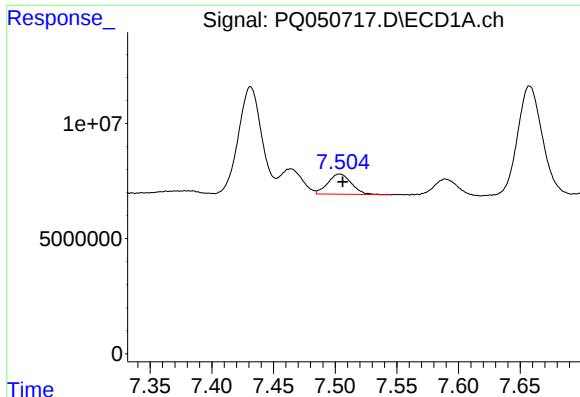
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 13407727
Conc: 19.40 ng/ml



#24 AR-1248-4

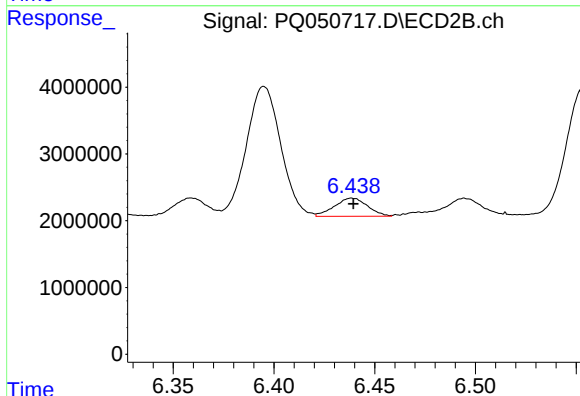
R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 28405207
Conc: 134.04 ng/ml



#25 AR-1248-5

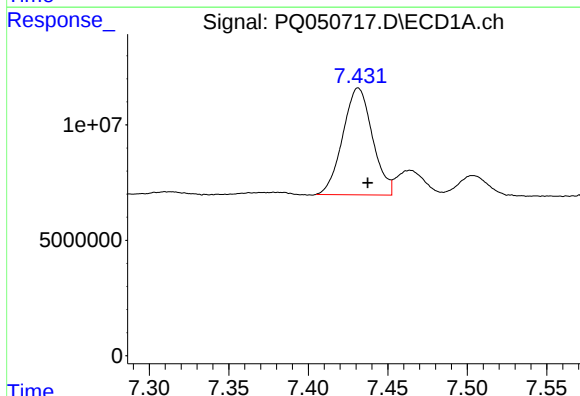
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 11660676
Conc: 17.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



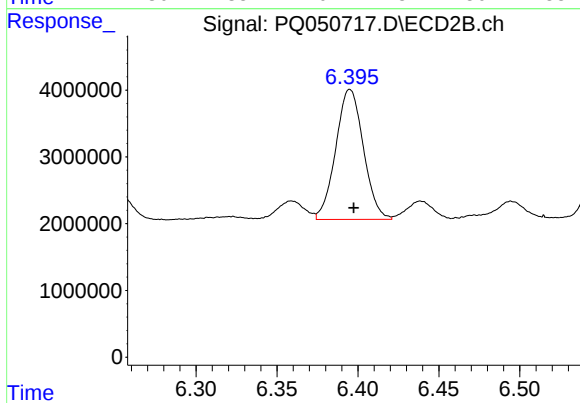
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 3096414
Conc: 13.58 ng/ml



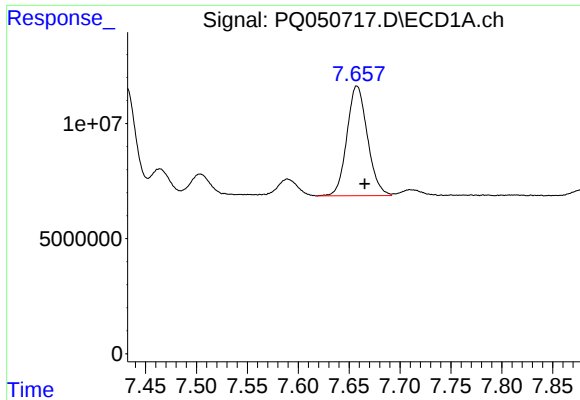
#26 AR-1254-1

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 60245389
Conc: 108.54 ng/ml



#26 AR-1254-1

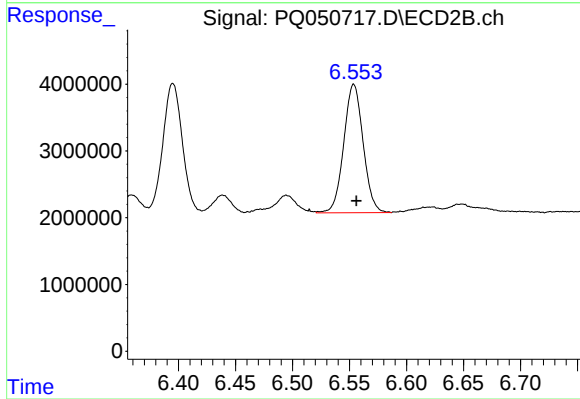
R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 23181116
Conc: 79.02 ng/ml



#27 AR-1254-2

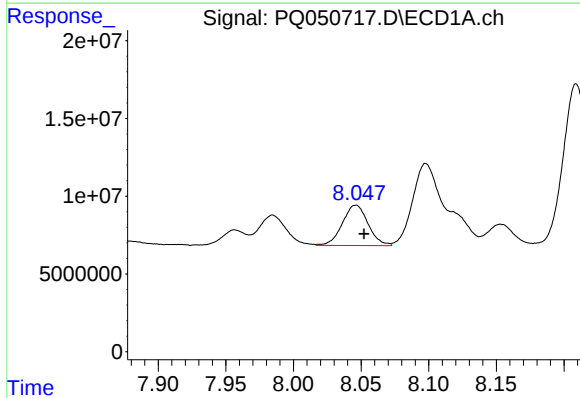
R.T.: 7.658 min
Delta R.T.: -0.008 min
Response: 66927677
Conc: 78.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



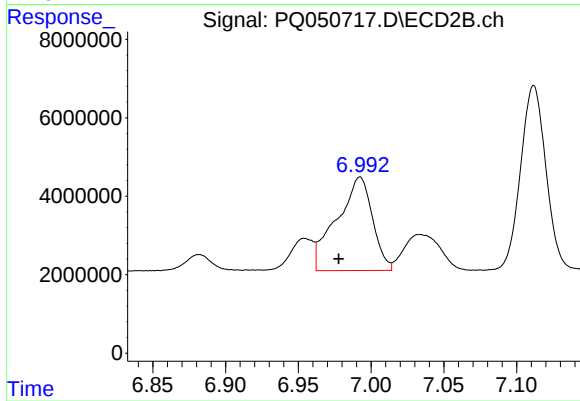
#27 AR-1254-2

R.T.: 6.554 min
Delta R.T.: -0.002 min
Response: 22807998
Conc: 90.55 ng/ml



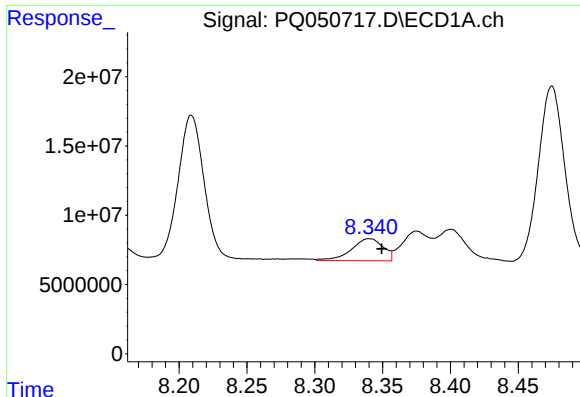
#28 AR-1254-3

R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 34290284
Conc: 40.36 ng/ml



#28 AR-1254-3

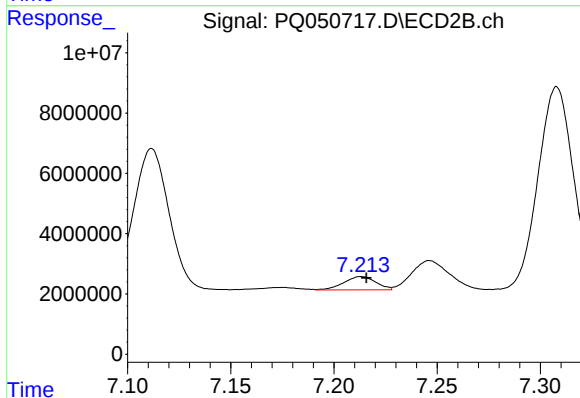
R.T.: 6.992 min
Delta R.T.: 0.015 min
Response: 40720905
Conc: 97.90 ng/ml



#29 AR-1254-4

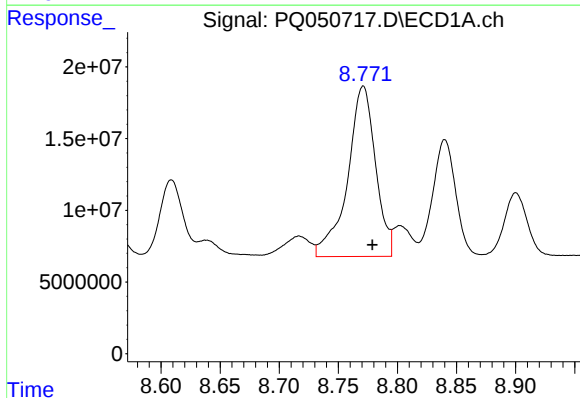
R.T.: 8.340 min
Delta R.T.: -0.009 min
Response: 25951796
Conc: 39.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



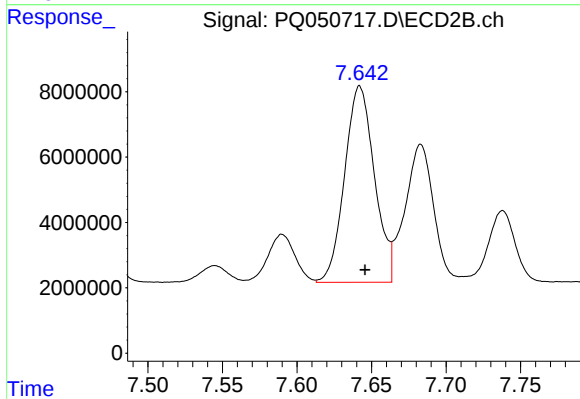
#29 AR-1254-4

R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 4743429
Conc: 16.54 ng/ml



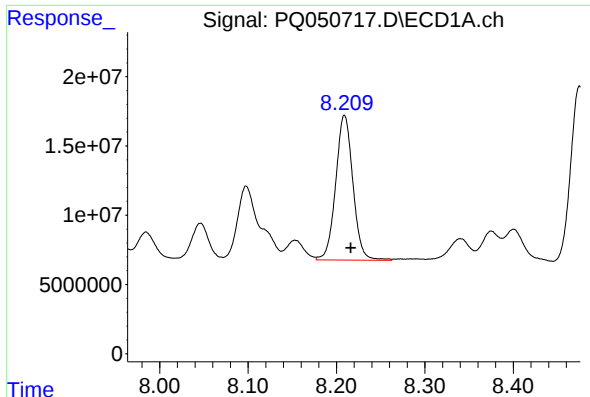
#30 AR-1254-5

R.T.: 8.771 min
Delta R.T.: -0.008 min
Response: 195621665
Conc: 306.66 ng/ml



#30 AR-1254-5

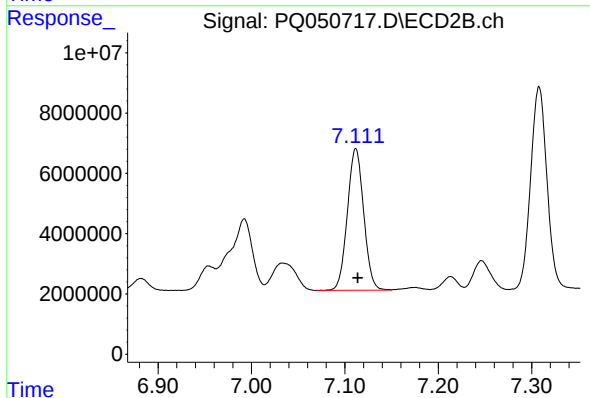
R.T.: 7.642 min
Delta R.T.: -0.004 min
Response: 83664110
Conc: 220.79 ng/ml



#31 AR-1260-1

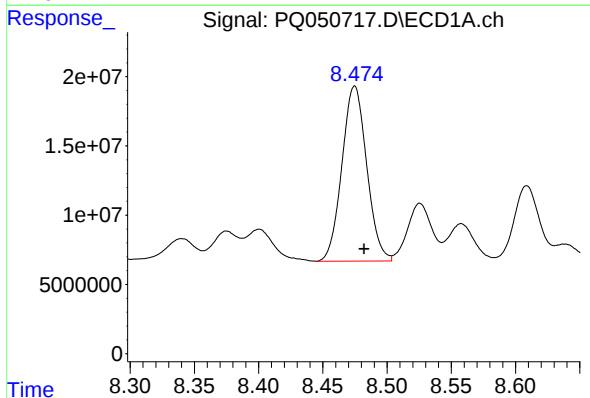
R.T.: 8.209 min
Delta R.T.: -0.007 min
Response: 141579989
Conc: 183.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



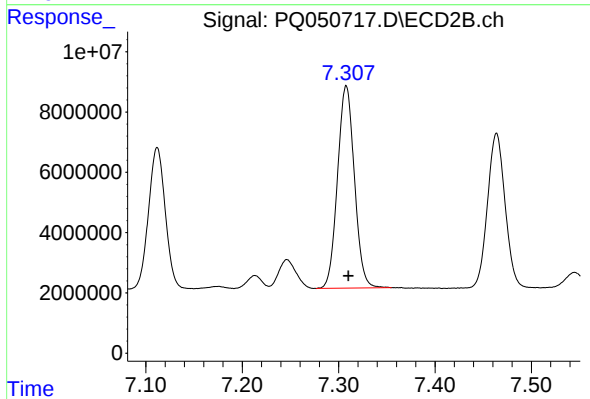
#31 AR-1260-1

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 57127837
Conc: 178.68 ng/ml



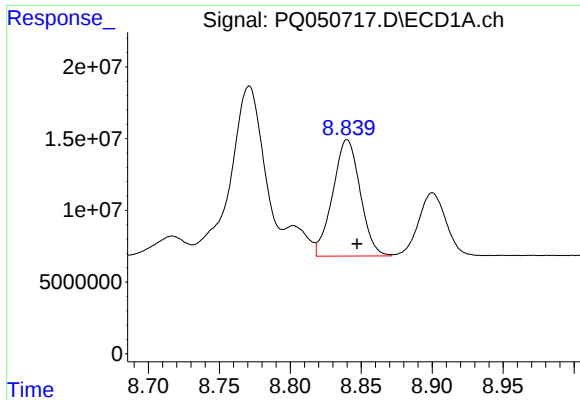
#32 AR-1260-2

R.T.: 8.475 min
Delta R.T.: -0.007 min
Response: 169704716
Conc: 179.34 ng/ml



#32 AR-1260-2

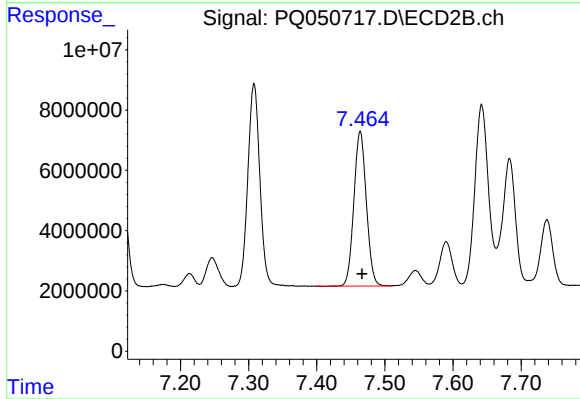
R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 81738605
Conc: 193.79 ng/ml



#33 AR-1260-3

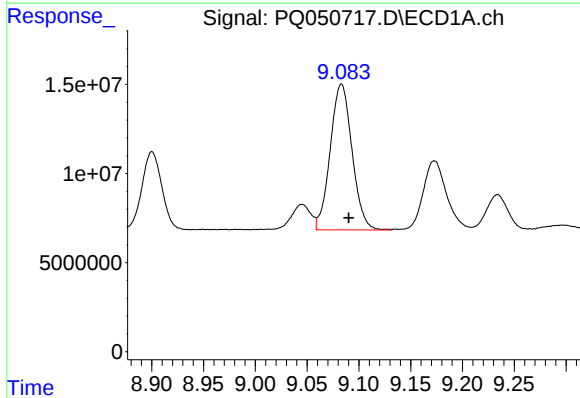
R.T.: 8.840 min
Delta R.T.: -0.007 min
Response: 109293384
Conc: 152.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



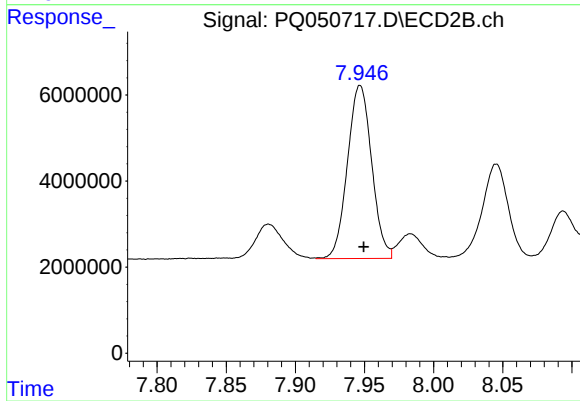
#33 AR-1260-3

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 65317705
Conc: 176.88 ng/ml



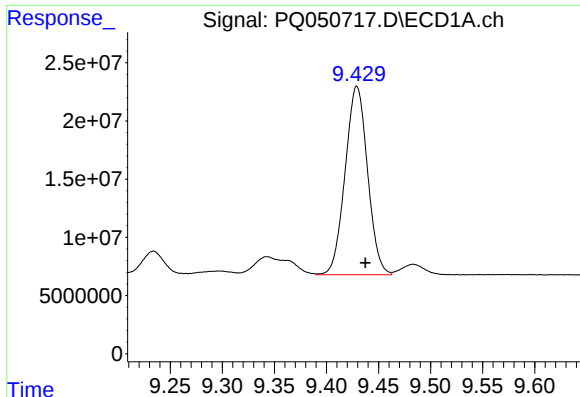
#34 AR-1260-4

R.T.: 9.083 min
Delta R.T.: -0.007 min
Response: 120021605
Conc: 164.61 ng/ml



#34 AR-1260-4

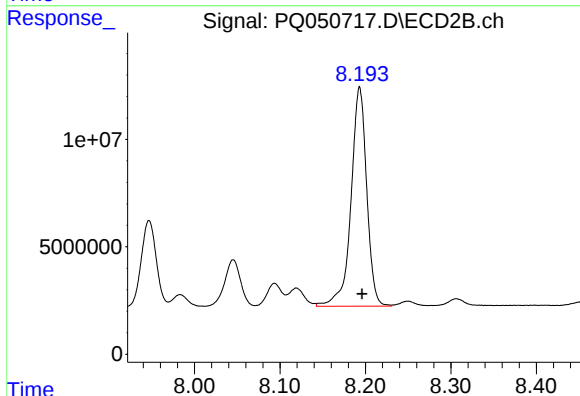
R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 49017957
Conc: 153.73 ng/ml



#35 AR-1260-5

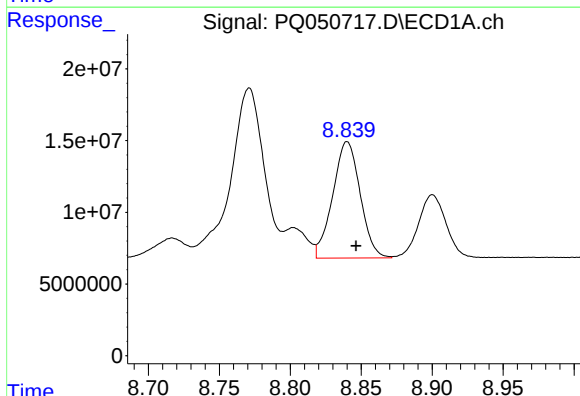
R.T.: 9.429 min
Delta R.T.: -0.008 min
Response: 242674465
Conc: 161.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



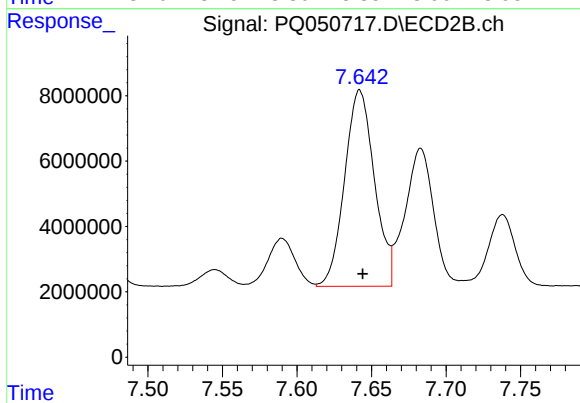
#35 AR-1260-5

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 130321615
Conc: 149.29 ng/ml



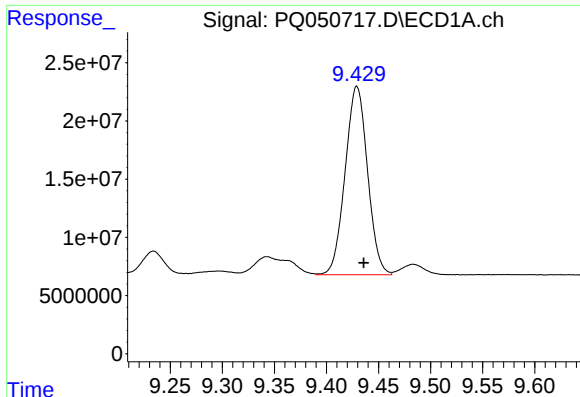
#36 AR-1262-1

R.T.: 8.840 min
Delta R.T.: -0.006 min
Response: 109293384
Conc: 135.79 ng/ml



#36 AR-1262-1

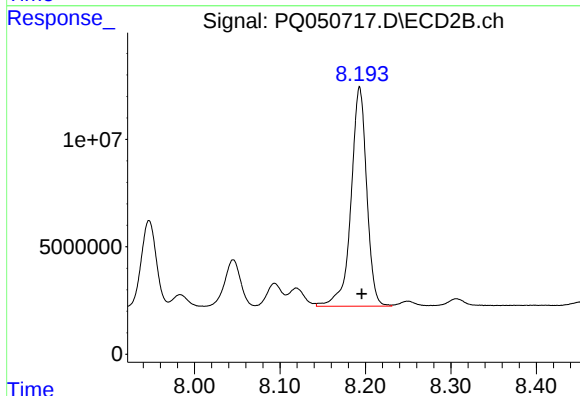
R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 83664110
Conc: 406.69 ng/ml



#37 AR-1262-2

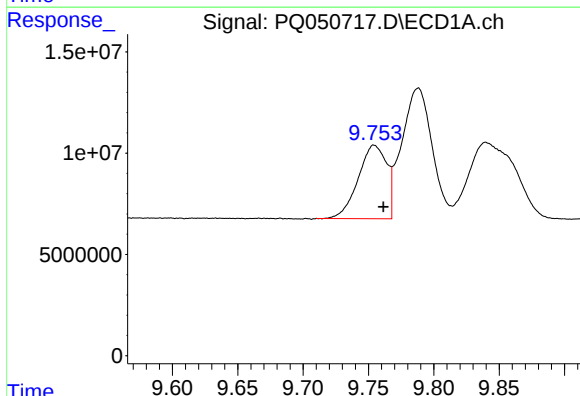
R.T.: 9.429 min
Delta R.T.: -0.007 min
Response: 242674465
Conc: 180.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



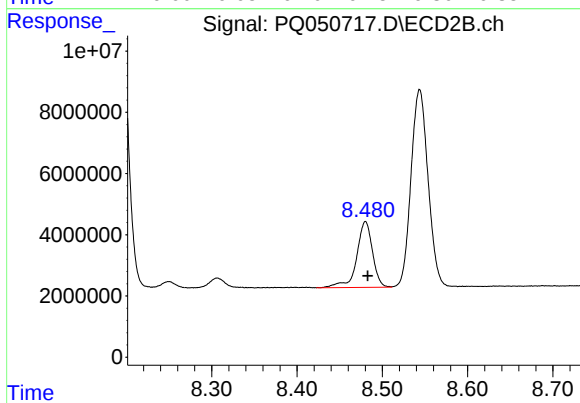
#37 AR-1262-2

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 130321615
Conc: 159.21 ng/ml



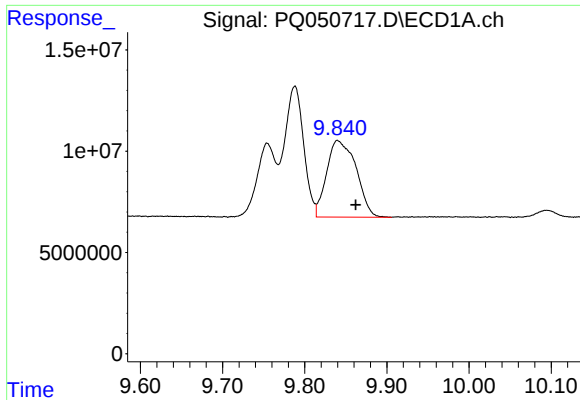
#38 AR-1262-3

R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 55198207
Conc: 91.73 ng/ml



#38 AR-1262-3

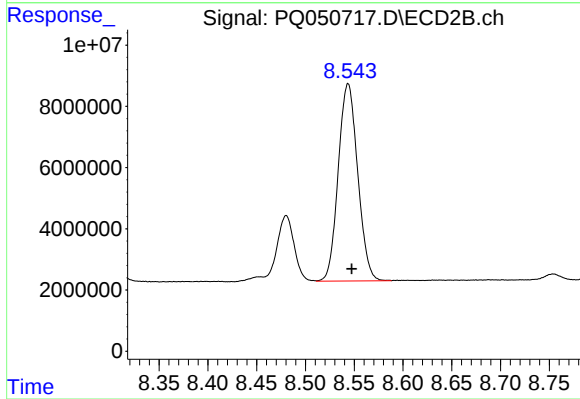
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 27676963
Conc: 79.32 ng/ml



#39 AR-1262-4

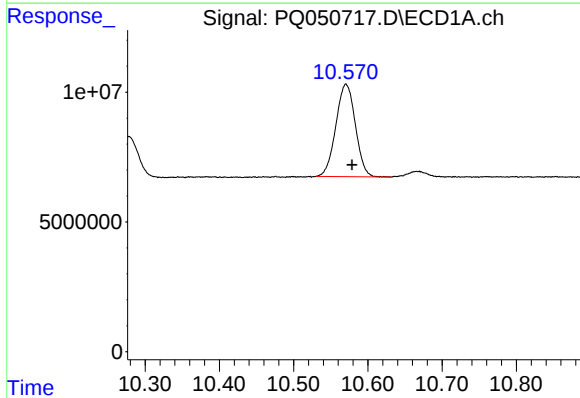
R.T.: 9.840 min
Delta R.T.: -0.022 min
Response: 94256105
Conc: 132.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



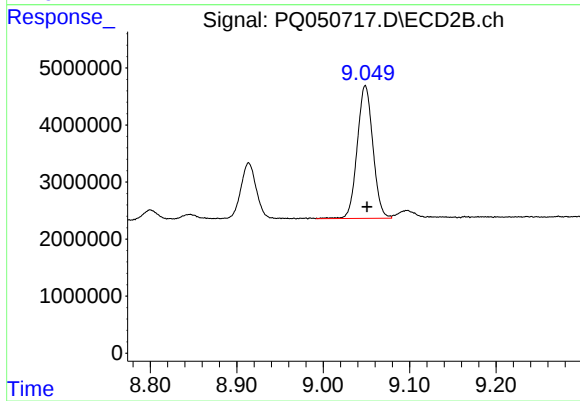
#39 AR-1262-4

R.T.: 8.544 min
Delta R.T.: -0.004 min
Response: 89516287
Conc: 153.66 ng/ml



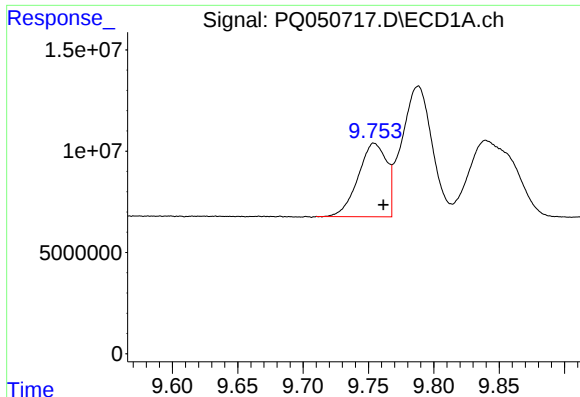
#40 AR-1262-5

R.T.: 10.570 min
Delta R.T.: -0.008 min
Response: 64961470
Conc: 133.09 ng/ml



#40 AR-1262-5

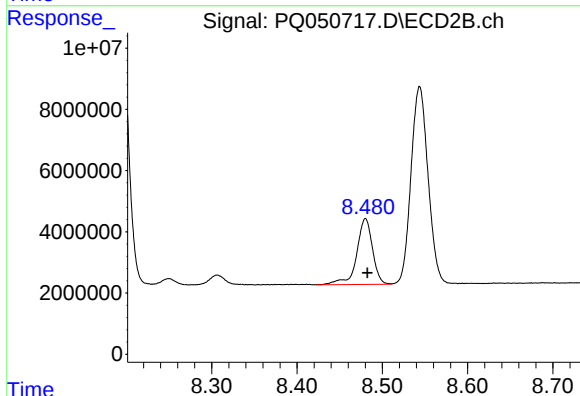
R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 29352574
Conc: 102.58 ng/ml



#41 AR-1268-1

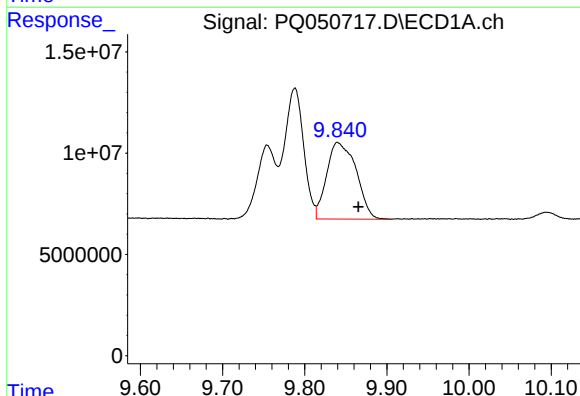
R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 55198207
Conc: 36.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



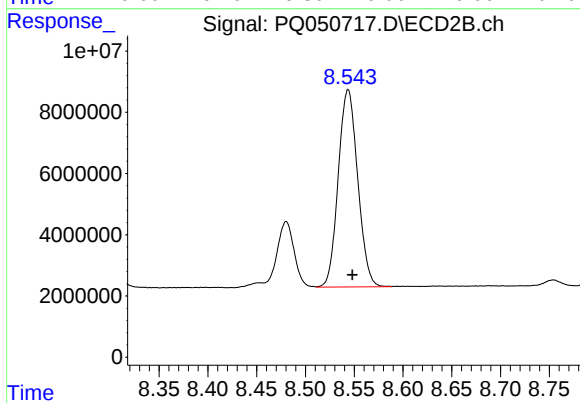
#41 AR-1268-1

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 27676963
Conc: 29.15 ng/ml



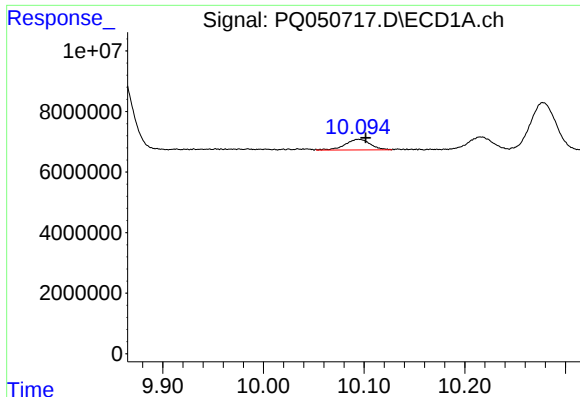
#42 AR-1268-2

R.T.: 9.840 min
Delta R.T.: -0.026 min
Response: 94256105
Conc: 67.83 ng/ml



#42 AR-1268-2

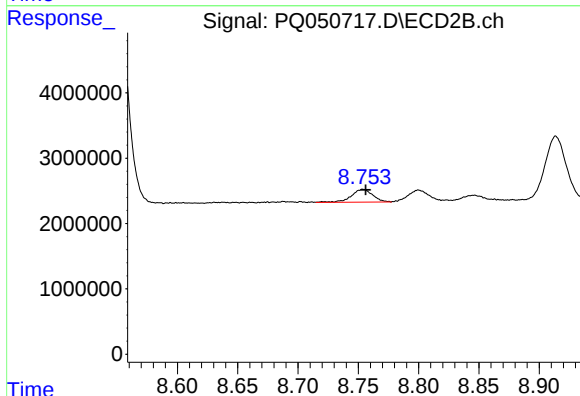
R.T.: 8.544 min
Delta R.T.: -0.004 min
Response: 89516287
Conc: 107.42 ng/ml



#43 AR-1268-3

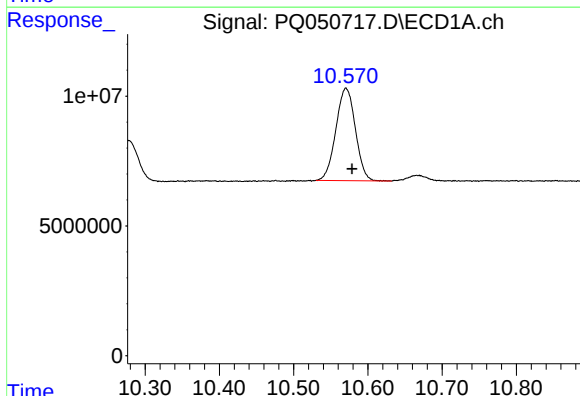
R.T.: 10.094 min
Delta R.T.: -0.007 min
Response: 6101936
Conc: 5.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



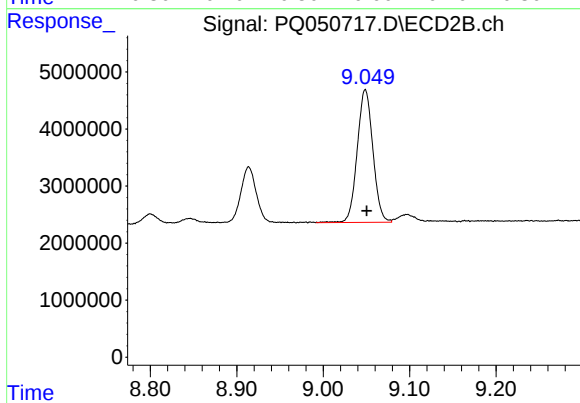
#43 AR-1268-3

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 2427124
Conc: 3.43 ng/ml



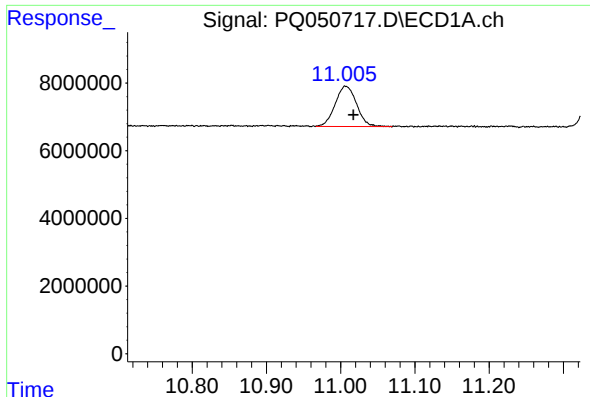
#44 AR-1268-4

R.T.: 10.570 min
Delta R.T.: -0.008 min
Response: 64961470
Conc: 124.44 ng/ml



#44 AR-1268-4

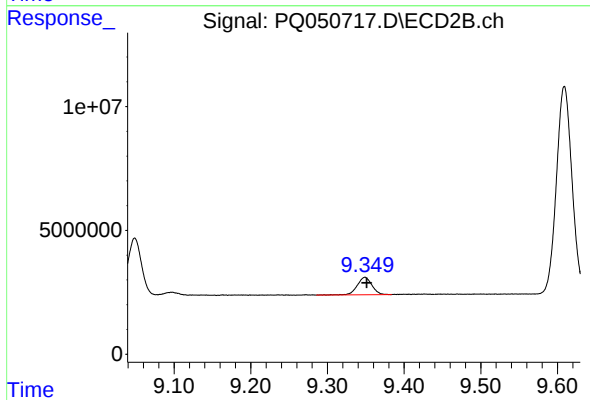
R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 29352574
Conc: 95.57 ng/ml



#45 AR-1268-5

R.T.: 11.006 min
Delta R.T.: -0.011 min
Response: 23878312
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 9467076
Conc: 4.50 ng/ml