

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112519\
 Data File : PQ045424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 13:50
 Operator : SM\AJ
 Sample : K5985-10DL2 100X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 14:07:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 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...	0.000	4.305	0	703527	N.D.	0.412 #
2)	SA Decachlor...	11.155	9.717	5760243	1577207	0.883	0.301 #
Target Compounds							
3)	L1 AR-1016-1	6.442	5.606	3326290	1063552	27.024	15.283 #
4)	L1 AR-1016-2	6.442	5.606	3326290	1063552	17.042	10.029 #
5)	L1 AR-1016-3	6.442	5.817	3326290	1882291	27.400	35.473 #
6)	L1 AR-1016-4	6.606	5.851	2609090	24370953	26.995	521.353 #
7)	L1 AR-1016-5	6.923	6.084	32084167	25855113	315.826	407.692 #
8)	L2 AR-1221-1	0.000	4.564	0	547419	N.D.	26.192 #
12)	L3 AR-1232-2	0.000	5.606	0	1063552	N.D.	23.963 #
13)	L3 AR-1232-3	6.442	5.817	3326290	1882291	41.296	84.994 #
14)	L3 AR-1232-4	6.606	5.894	2609090	13192093	66.011	584.606 #
15)	L3 AR-1232-5	6.705	6.084	49625297	25855113	1486.393	1064.666 #
16)	L4 AR-1242-1	6.442	5.606	3326290	1063552	32.166	18.031 #
17)	L4 AR-1242-2	6.442	5.606	3326290	1063552	20.392	12.132 #
18)	L4 AR-1242-3	6.442	5.817	3326290	1882291	32.522	41.771 #
19)	L4 AR-1242-4	6.606	5.894	2609090	13192093	32.455	271.787 #
20)	L4 AR-1242-5	7.391	6.465	50094731	86064999	533.815	1240.195 #
21)	L5 AR-1248-1	6.442	5.606	3326290	1063552	41.051	22.983 #
22)	L5 AR-1248-2	6.705	5.851	49625297	24370953	390.484	361.550
23)	L5 AR-1248-3	6.923	5.894	32084167	13192093	230.393	185.769
24)	L5 AR-1248-4	7.348	6.084	43924647	25855113	270.525	297.271
25)	L5 AR-1248-5	7.391	6.509	50094731	20315492	319.794	214.889 #
26)	L6 AR-1254-1	7.321	6.465	112.3E6	86064999	682.590	593.046
27)	L6 AR-1254-2	7.549	6.624	205.6E6	107.2E6	784.521	801.551
28)	L6 AR-1254-3	7.930	7.051	234.8E6	187.6E6	821.185	782.526
29)	L6 AR-1254-4	8.224	7.290	186.6E6	143.7E6	861.234	860.876
30)	L6 AR-1254-5	8.654	7.723	230.2E6	208.4E6	935.403	808.855
31)	L7 AR-1260-1	8.098	7.187	69837007	83662691	326.891	546.558 #
32)	L7 AR-1260-2	8.361	7.383	133.0E6	84465128	545.624	422.830
33)	L7 AR-1260-3	8.717	7.542	23406646	74217202	118.074	403.384 #
34)	L7 AR-1260-4	8.952	8.028	81606065	10556850	356.957	58.187 #
35)	L7 AR-1260-5	9.293	8.275	37498172	29491852	72.059	57.643
36)	L8 AR-1262-1	8.787	7.723	6203399	208.4E6	44.864	1428.776 #
37)	L8 AR-1262-2	9.293	8.275	37498172	29491852	57.848	45.328
38)	L8 AR-1262-3	9.634	8.564	26723516	4966476	58.409	18.643 #
39)	L8 AR-1262-4	9.685	8.630	8726502	31094832	23.936	59.398 #
40)	L8 AR-1262-5	10.387	9.143	11697658	12281327	41.041	44.657
41)	L9 AR-1268-1	9.634	8.564	26723516	4966476	31.625	6.184 #
42)	L9 AR-1268-2	9.685	8.630	8726502	31094832	10.550	40.882 #
43)	L9 AR-1268-3	9.888	8.838	1398123	3725530	1.991	5.962 #
44)	L9 AR-1268-4	10.387	9.143	11697658	12281327	35.584	38.590

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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	10.815	9.448	2201412	5609944	0.818	2.325 #

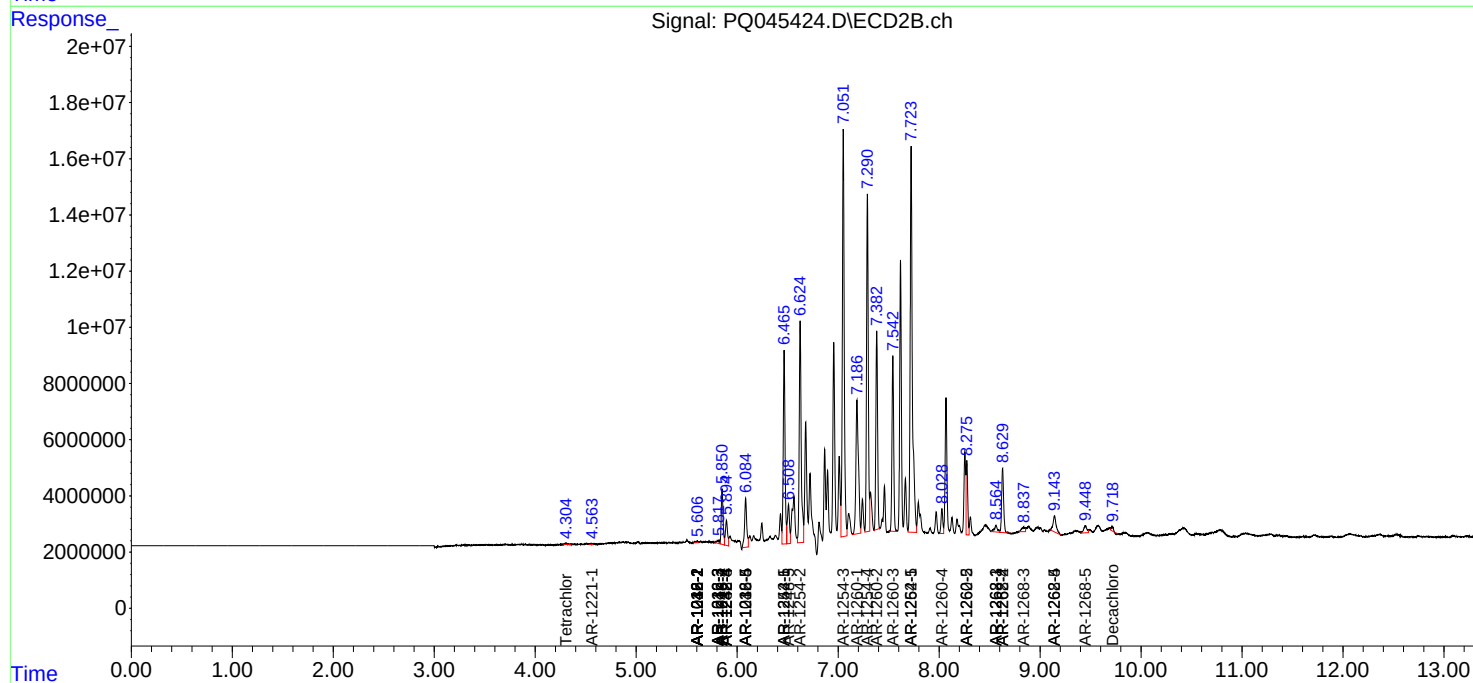
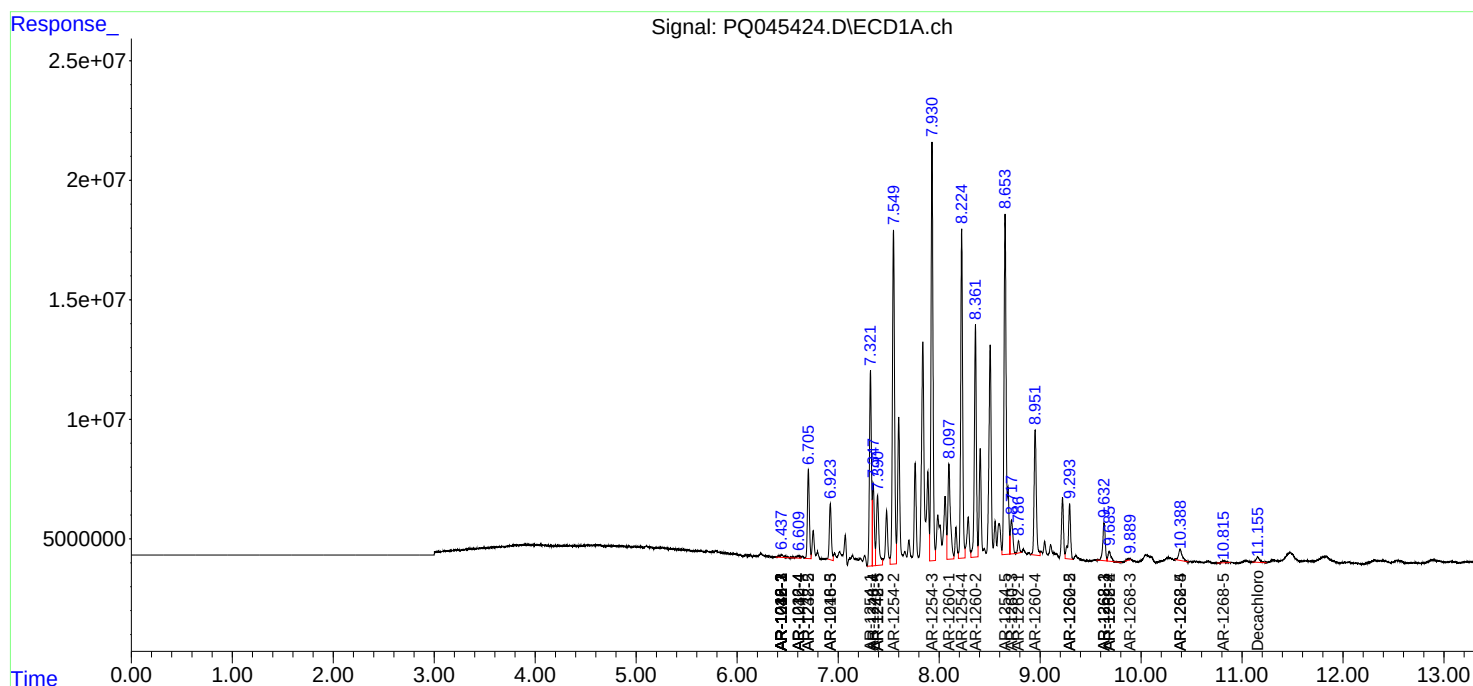
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

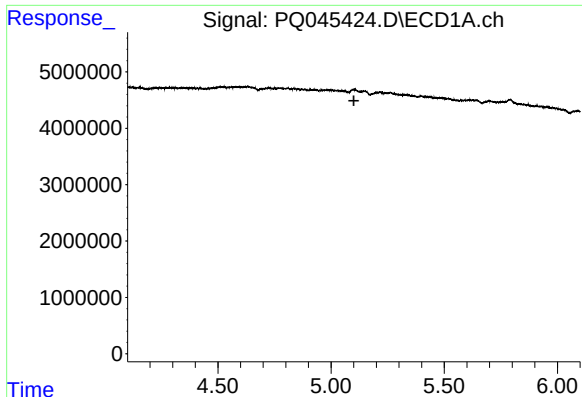
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112519\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

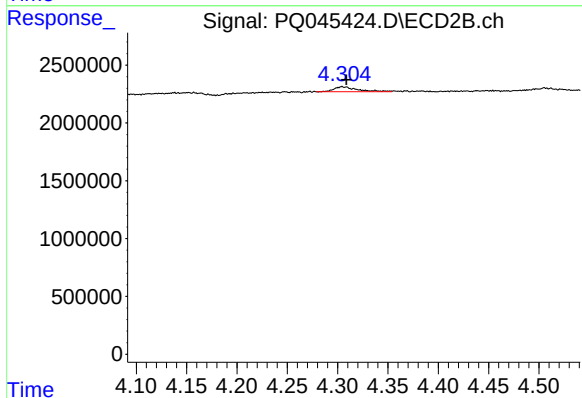




#1 Tetrachloro-m-xylene

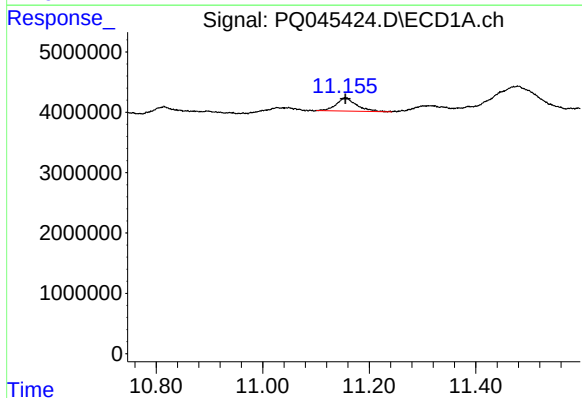
R.T.: 0.000 min
Exp R.T.: 5.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



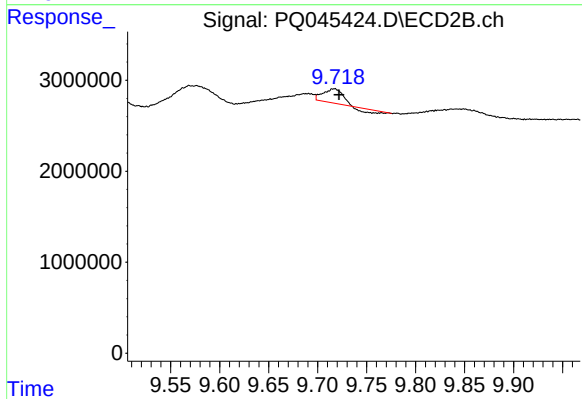
#1 Tetrachloro-m-xylene

R.T.: 4.305 min
Delta R.T.: -0.004 min
Response: 703527
Conc: 0.41 ng/ml



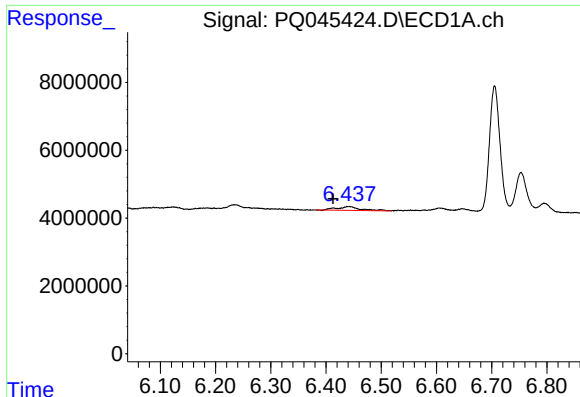
#2 Decachlorobiphenyl

R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 5760243
Conc: 0.88 ng/ml



#2 Decachlorobiphenyl

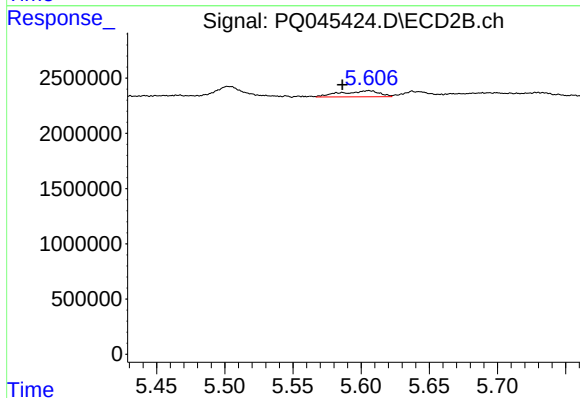
R.T.: 9.717 min
Delta R.T.: -0.005 min
Response: 1577207
Conc: 0.30 ng/ml



#3 AR-1016-1

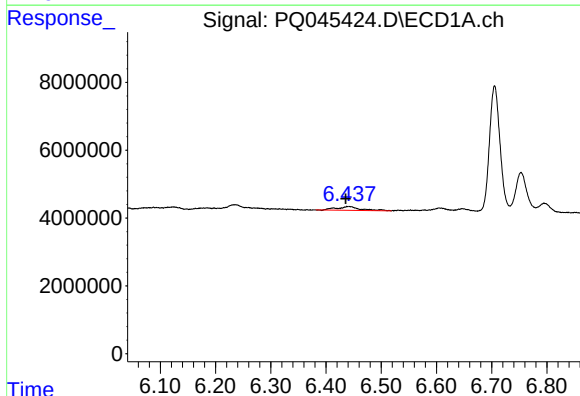
R.T.: 6.442 min
Delta R.T.: 0.029 min
Response: 3326290
Conc: 27.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



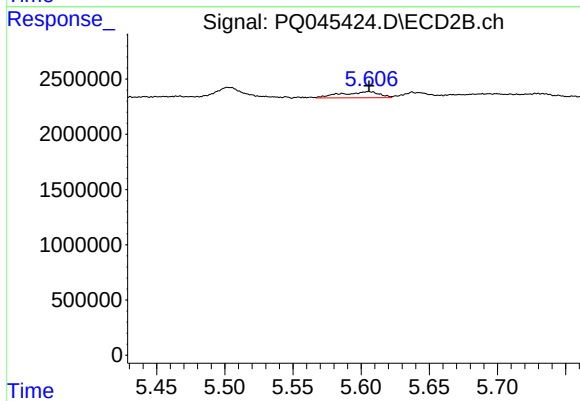
#3 AR-1016-1

R.T.: 5.606 min
Delta R.T.: 0.019 min
Response: 1063552
Conc: 15.28 ng/ml



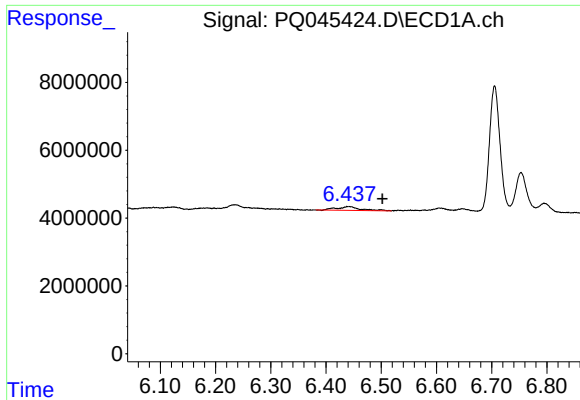
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.006 min
Response: 3326290
Conc: 17.04 ng/ml



#4 AR-1016-2

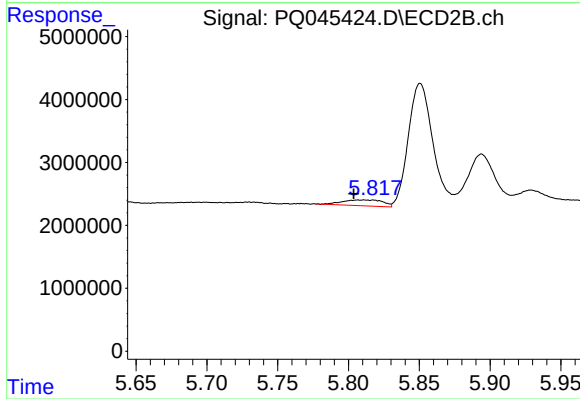
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1063552
Conc: 10.03 ng/ml



#5 AR-1016-3

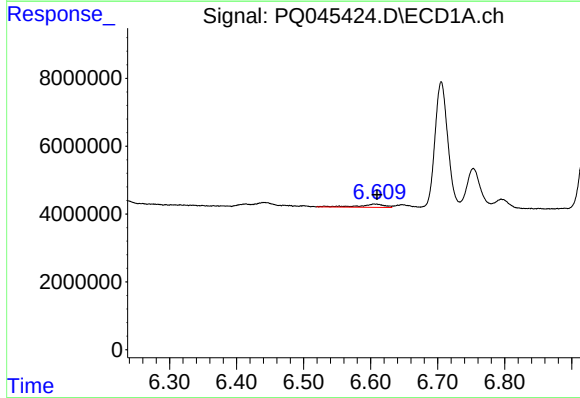
R.T.: 6.442 min
Delta R.T.: -0.061 min
Response: 3326290
Conc: 27.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



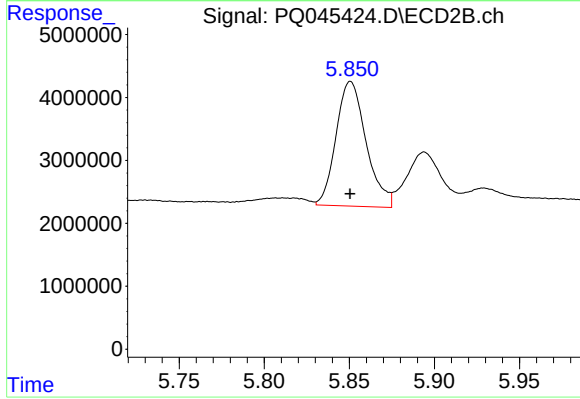
#5 AR-1016-3

R.T.: 5.817 min
Delta R.T.: 0.013 min
Response: 1882291
Conc: 35.47 ng/ml



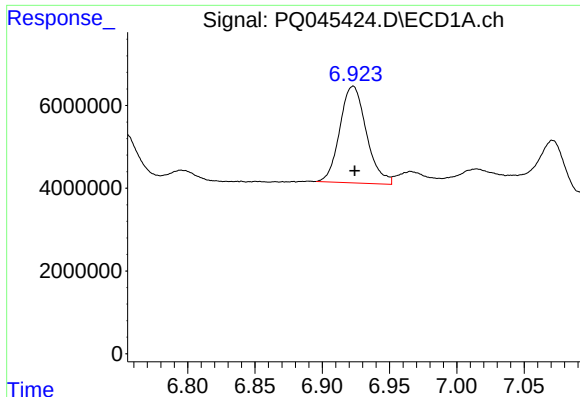
#6 AR-1016-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 2609090
Conc: 27.00 ng/ml



#6 AR-1016-4

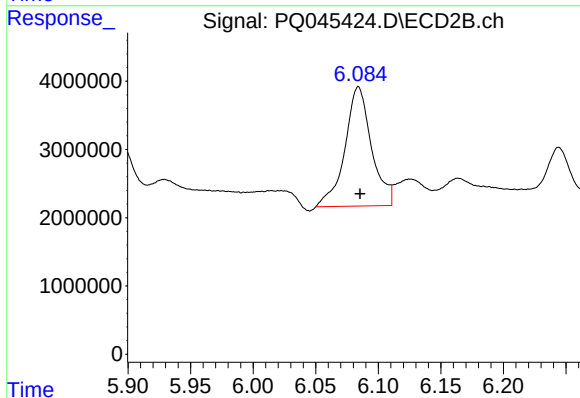
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 24370953
Conc: 521.35 ng/ml



#7 AR-1016-5

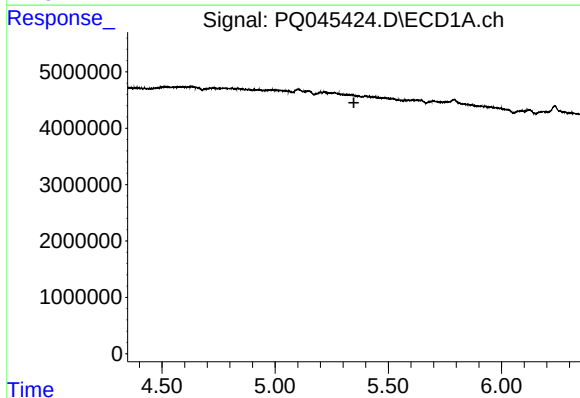
R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 32084167
Conc: 315.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



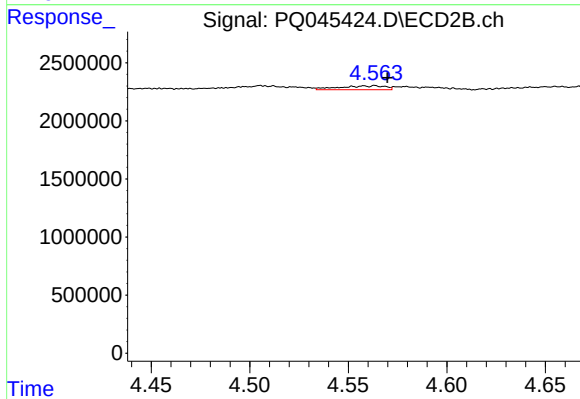
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 25855113
Conc: 407.69 ng/ml



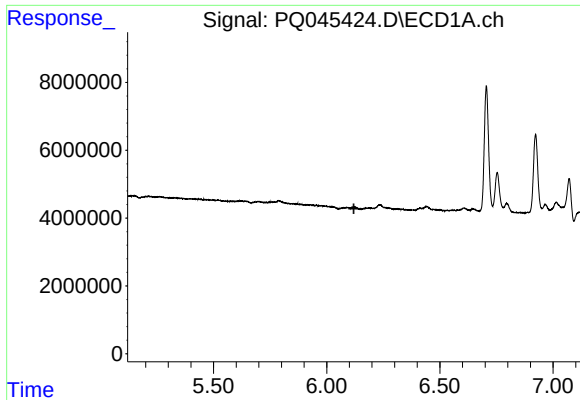
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

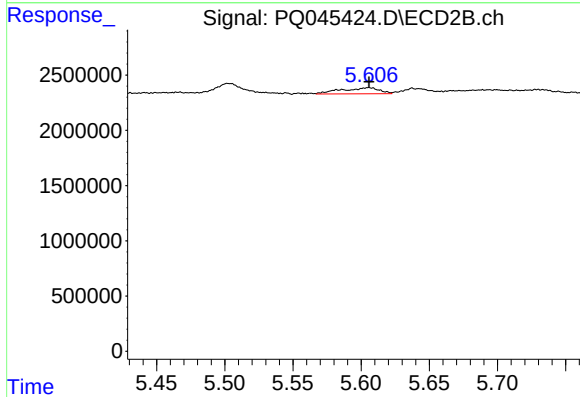
R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 547419
Conc: 26.19 ng/ml



#12 AR-1232-2

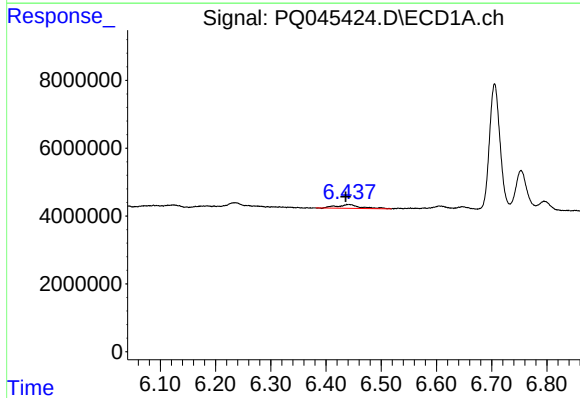
R.T.: 0.000 min
Exp R.T.: 6.120 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



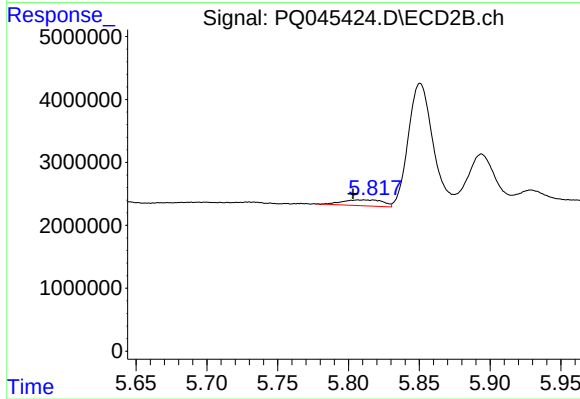
#12 AR-1232-2

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1063552
Conc: 23.96 ng/ml



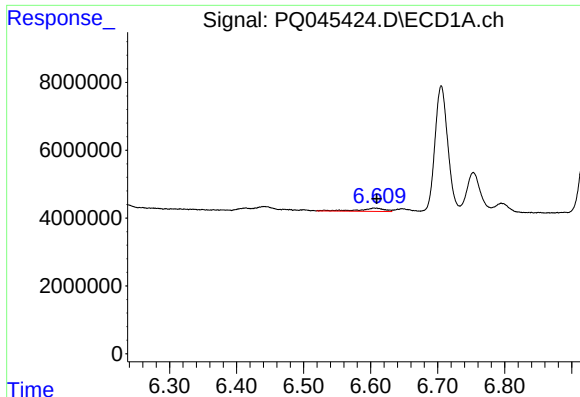
#13 AR-1232-3

R.T.: 6.442 min
Delta R.T.: 0.006 min
Response: 3326290
Conc: 41.30 ng/ml



#13 AR-1232-3

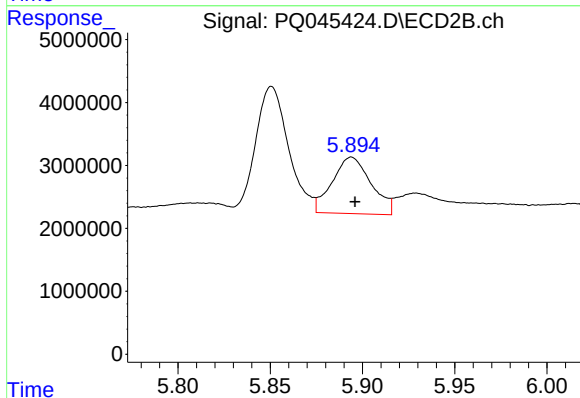
R.T.: 5.817 min
Delta R.T.: 0.014 min
Response: 1882291
Conc: 84.99 ng/ml



#14 AR-1232-4

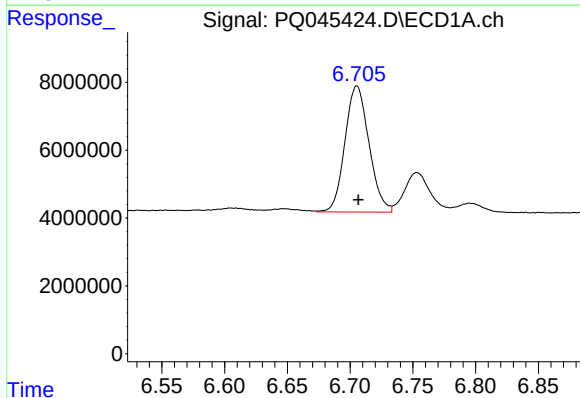
R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 2609090
Conc: 66.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



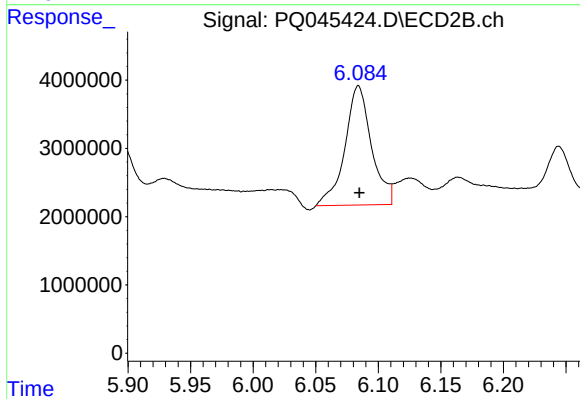
#14 AR-1232-4

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 13192093
Conc: 584.61 ng/ml



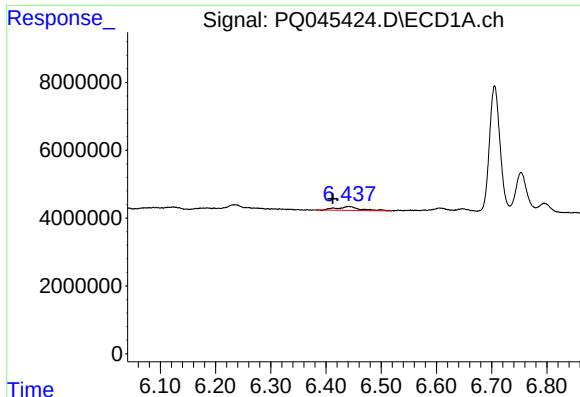
#15 AR-1232-5

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 49625297
Conc: 1486.39 ng/ml



#15 AR-1232-5

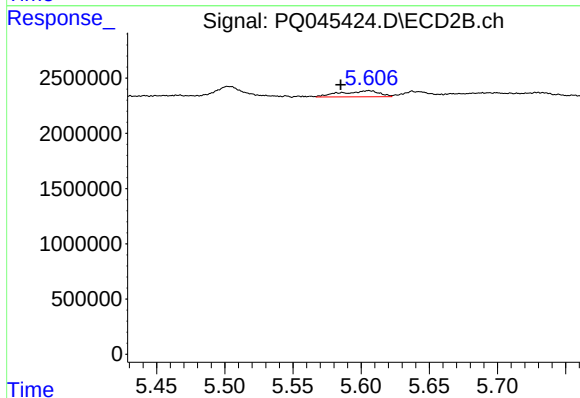
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 25855113
Conc: 1064.67 ng/ml



#16 AR-1242-1

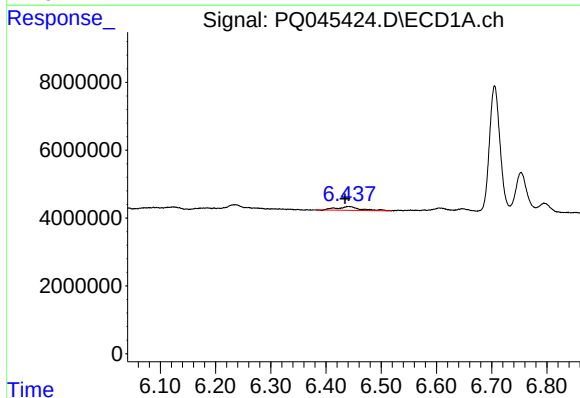
R.T.: 6.442 min
Delta R.T.: 0.029 min
Response: 3326290
Conc: 32.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



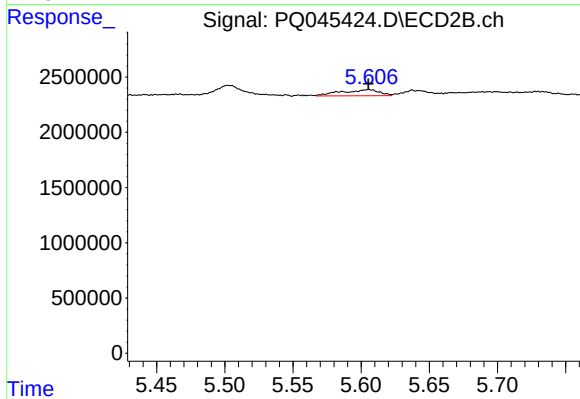
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: 0.021 min
Response: 1063552
Conc: 18.03 ng/ml



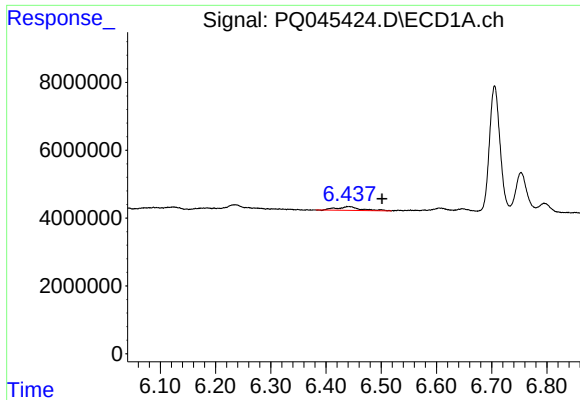
#17 AR-1242-2

R.T.: 6.442 min
Delta R.T.: 0.007 min
Response: 3326290
Conc: 20.39 ng/ml



#17 AR-1242-2

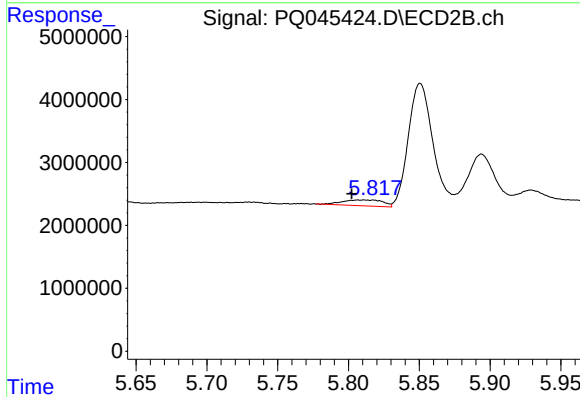
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1063552
Conc: 12.13 ng/ml



#18 AR-1242-3

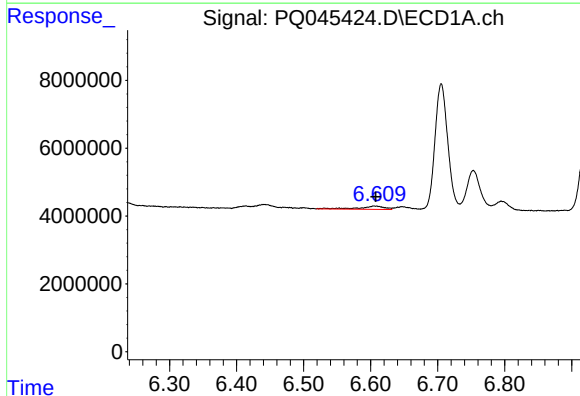
R.T.: 6.442 min
Delta R.T.: -0.060 min
Response: 3326290
Conc: 32.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



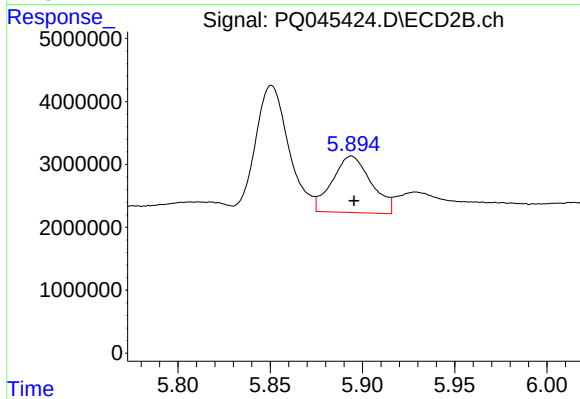
#18 AR-1242-3

R.T.: 5.817 min
Delta R.T.: 0.015 min
Response: 1882291
Conc: 41.77 ng/ml



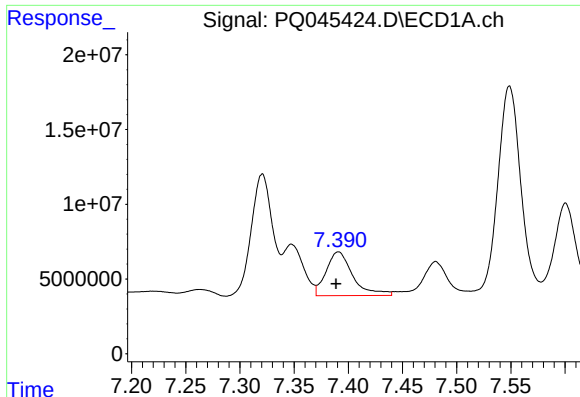
#19 AR-1242-4

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 2609090
Conc: 32.45 ng/ml



#19 AR-1242-4

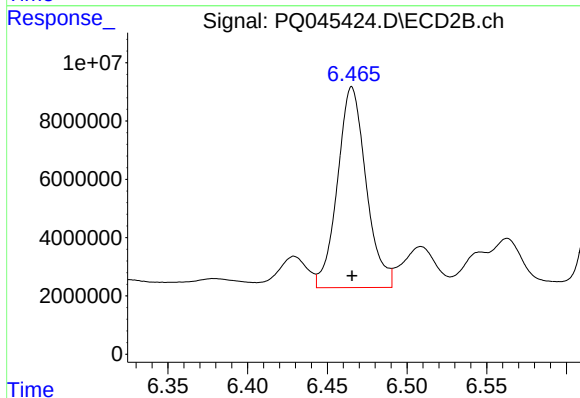
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 13192093
Conc: 271.79 ng/ml



#20 AR-1242-5

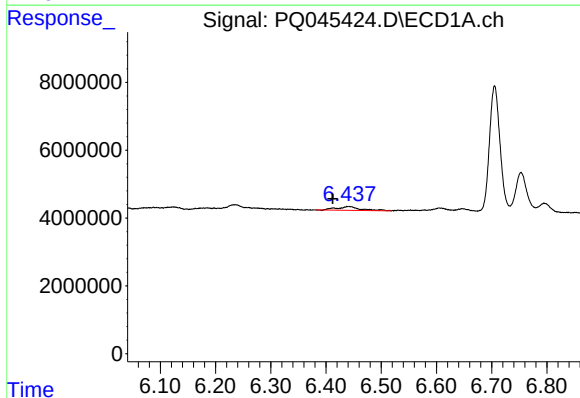
R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 50094731
Conc: 533.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



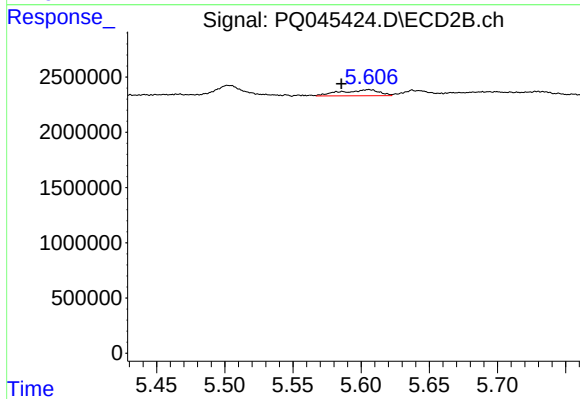
#20 AR-1242-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 86064999
Conc: 1240.19 ng/ml



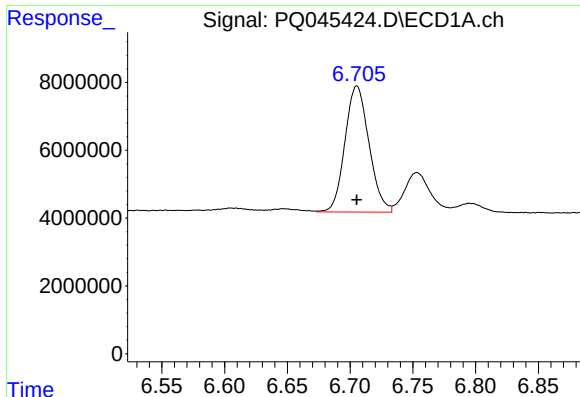
#21 AR-1248-1

R.T.: 6.442 min
Delta R.T.: 0.029 min
Response: 3326290
Conc: 41.05 ng/ml



#21 AR-1248-1

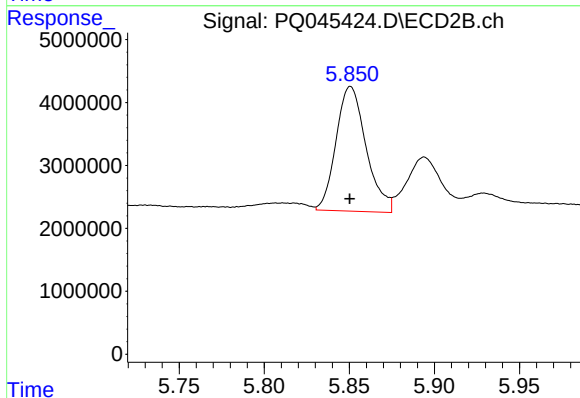
R.T.: 5.606 min
Delta R.T.: 0.020 min
Response: 1063552
Conc: 22.98 ng/ml



#22 AR-1248-2

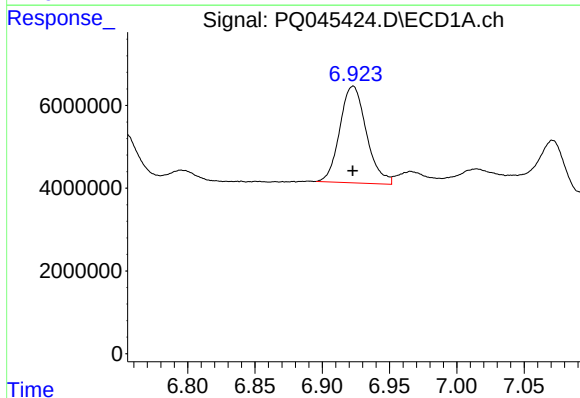
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 49625297
Conc: 390.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



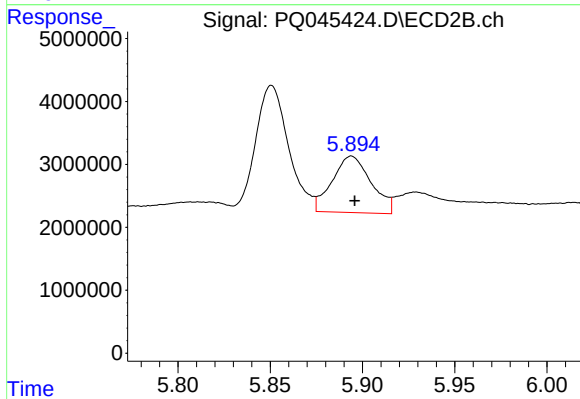
#22 AR-1248-2

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 24370953
Conc: 361.55 ng/ml



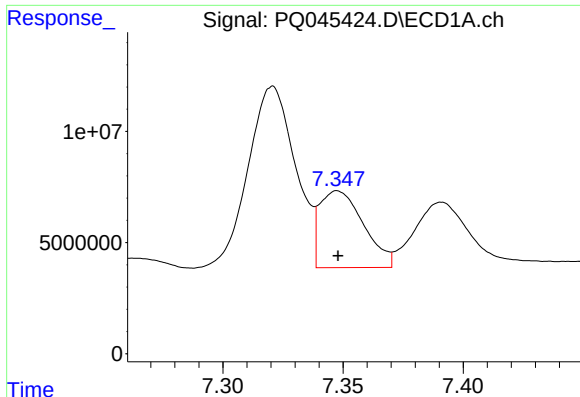
#23 AR-1248-3

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 32084167
Conc: 230.39 ng/ml



#23 AR-1248-3

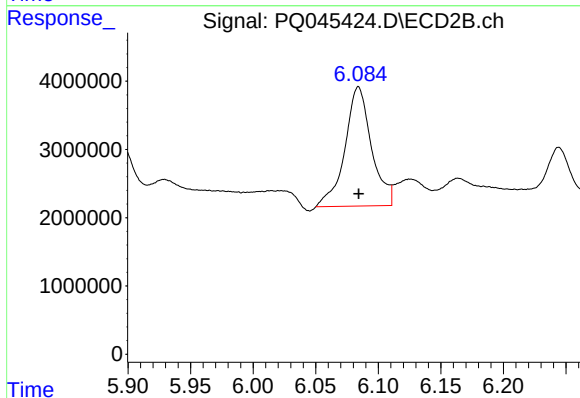
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 13192093
Conc: 185.77 ng/ml



#24 AR-1248-4

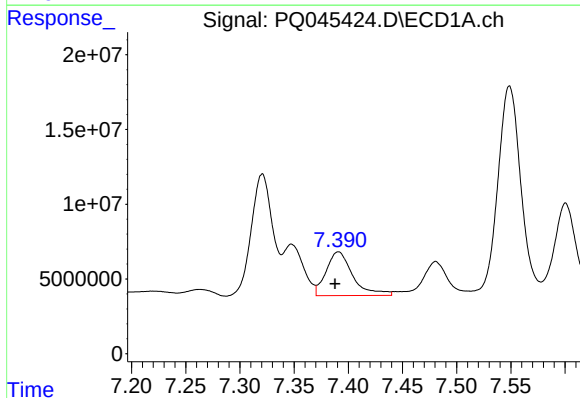
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 43924647
Conc: 270.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



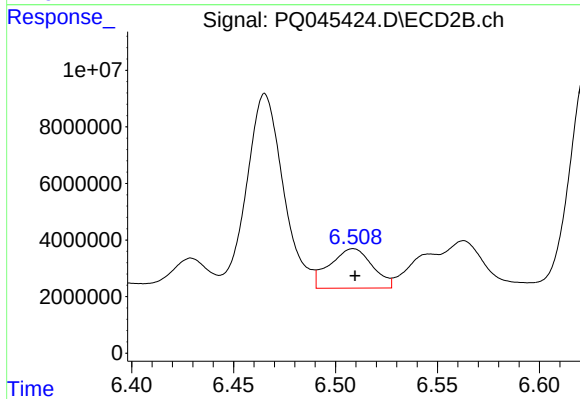
#24 AR-1248-4

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 25855113
Conc: 297.27 ng/ml



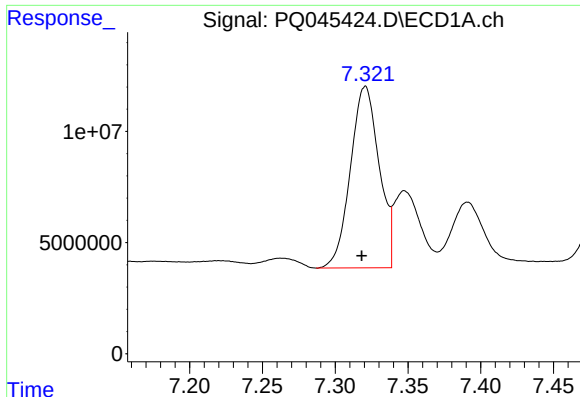
#25 AR-1248-5

R.T.: 7.391 min
Delta R.T.: 0.003 min
Response: 50094731
Conc: 319.79 ng/ml



#25 AR-1248-5

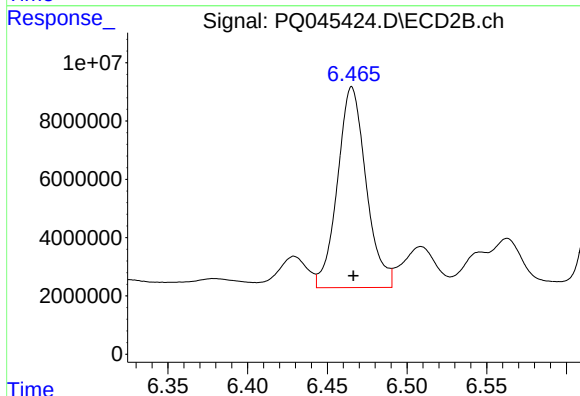
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 20315492
Conc: 214.89 ng/ml



#26 AR-1254-1

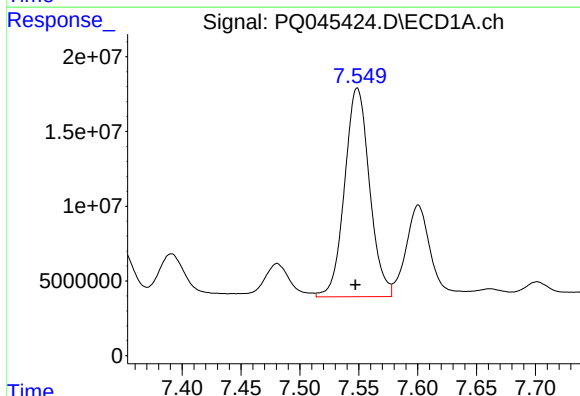
R.T.: 7.321 min
Delta R.T.: 0.002 min
Response: 112296322
Conc: 682.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



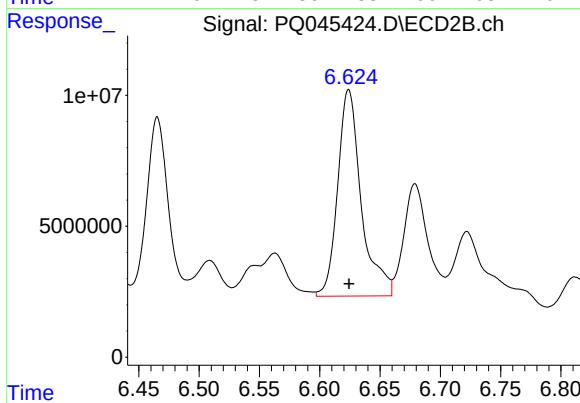
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 86064999
Conc: 593.05 ng/ml



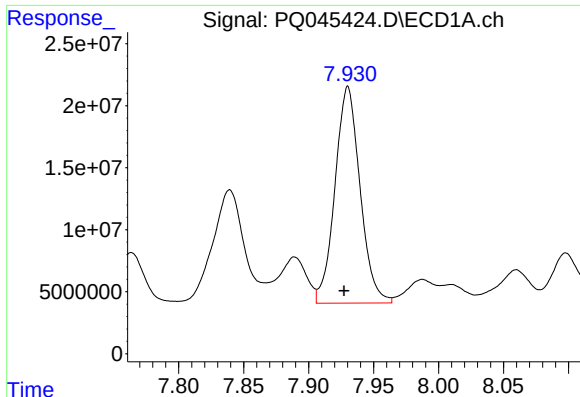
#27 AR-1254-2

R.T.: 7.549 min
Delta R.T.: 0.002 min
Response: 205630068
Conc: 784.52 ng/ml



#27 AR-1254-2

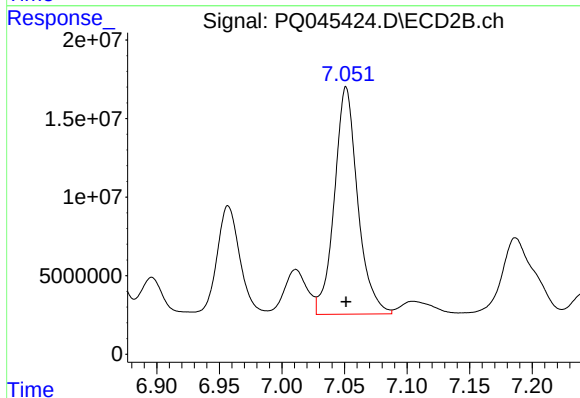
R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 107238346
Conc: 801.55 ng/ml



#28 AR-1254-3

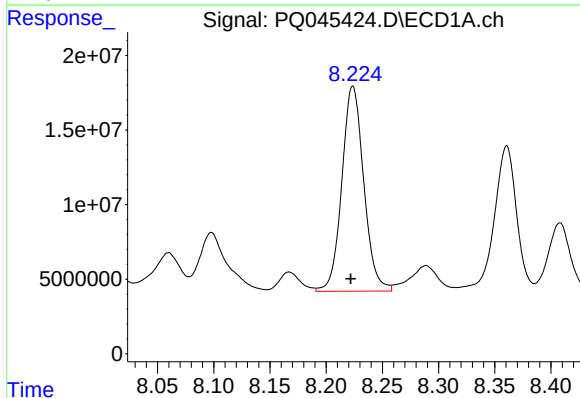
R.T.: 7.930 min
Delta R.T.: 0.003 min
Response: 234776464
Conc: 821.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



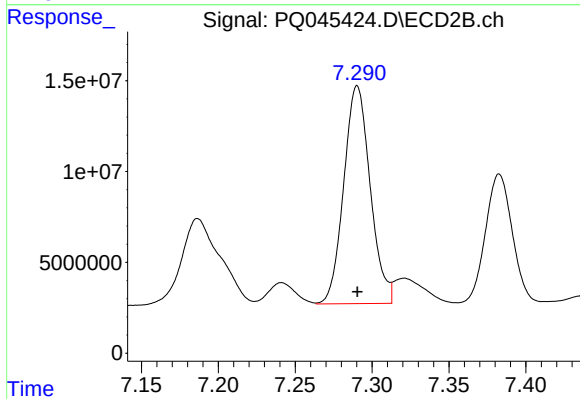
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 187575336
Conc: 782.53 ng/ml



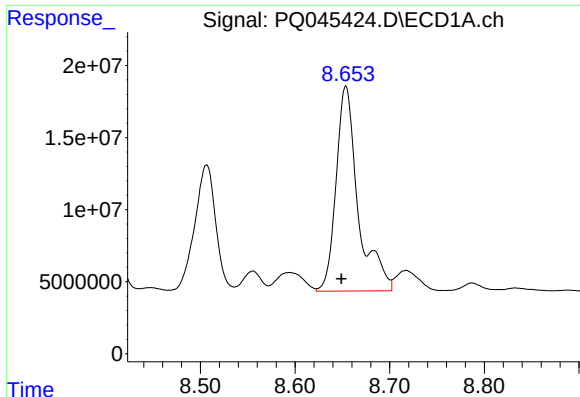
#29 AR-1254-4

R.T.: 8.224 min
Delta R.T.: 0.002 min
Response: 186616192
Conc: 861.23 ng/ml



#29 AR-1254-4

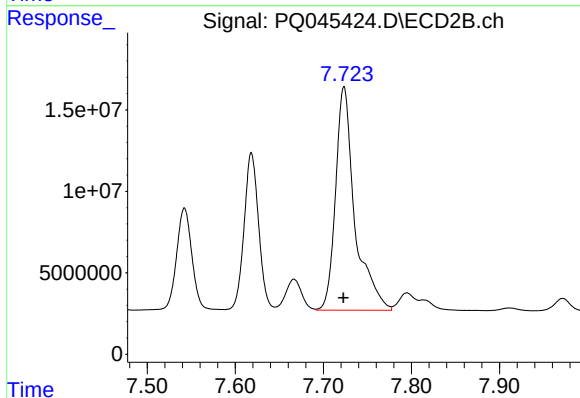
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 143742922
Conc: 860.88 ng/ml



#30 AR-1254-5

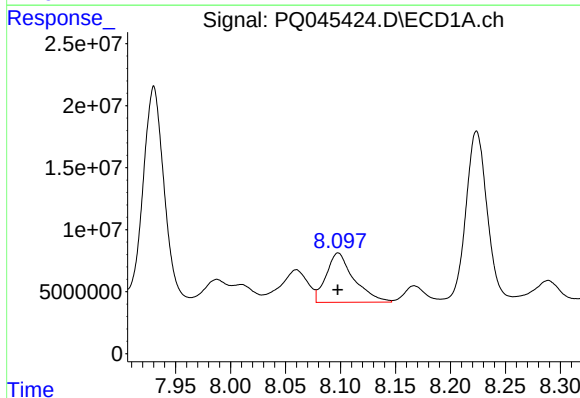
R.T.: 8.654 min
Delta R.T.: 0.005 min
Response: 230179841
Conc: 935.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



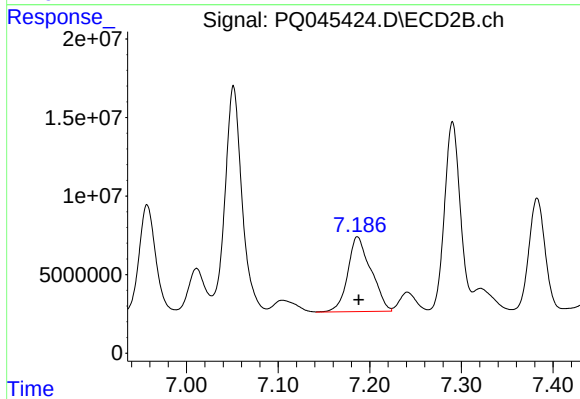
#30 AR-1254-5

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 208426881
Conc: 808.86 ng/ml



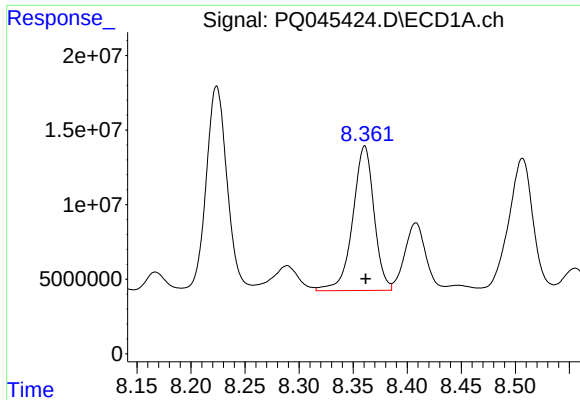
#31 AR-1260-1

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 69837007
Conc: 326.89 ng/ml



#31 AR-1260-1

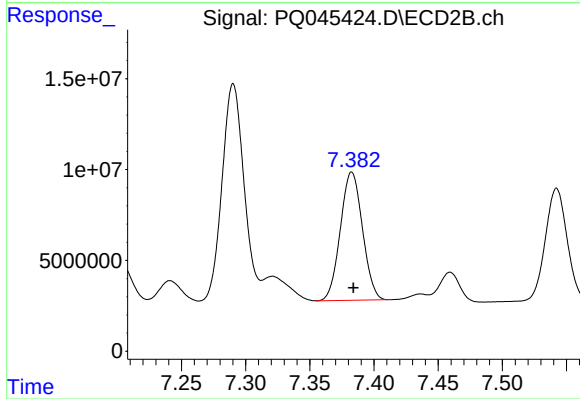
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 83662691
Conc: 546.56 ng/ml



#32 AR-1260-2

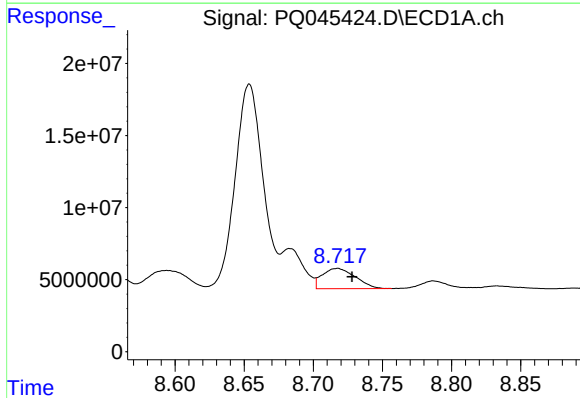
R.T.: 8.361 min
Delta R.T.: -0.001 min
Response: 132958251
Conc: 545.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



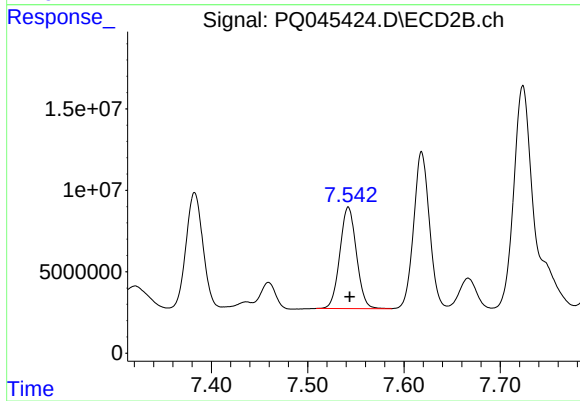
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: -0.001 min
Response: 84465128
Conc: 422.83 ng/ml



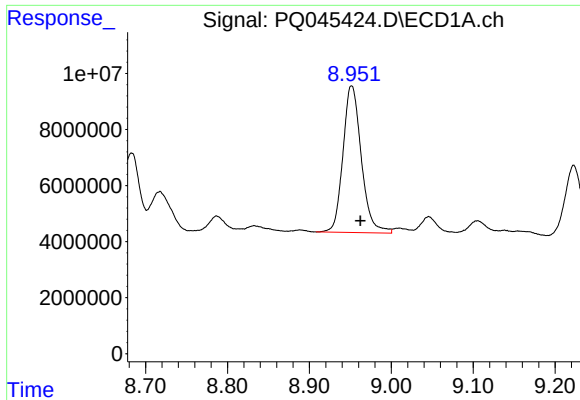
#33 AR-1260-3

R.T.: 8.717 min
Delta R.T.: -0.011 min
Response: 23406646
Conc: 118.07 ng/ml



#33 AR-1260-3

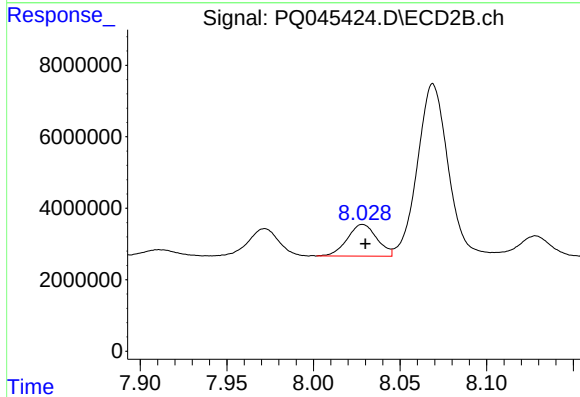
R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 74217202
Conc: 403.38 ng/ml



#34 AR-1260-4

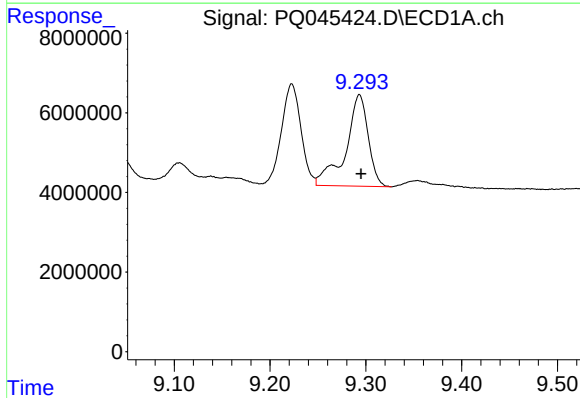
R.T.: 8.952 min
Delta R.T.: -0.011 min
Response: 81606065
Conc: 356.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



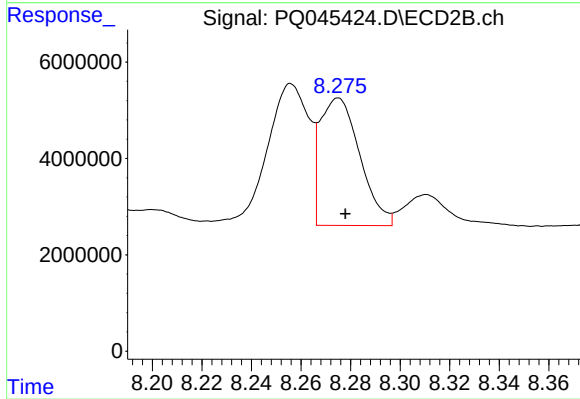
#34 AR-1260-4

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 10556850
Conc: 58.19 ng/ml



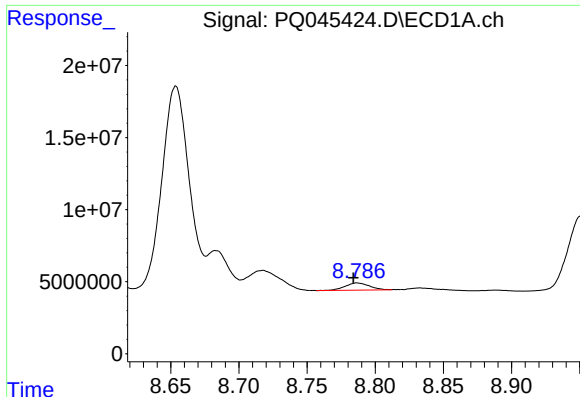
#35 AR-1260-5

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 37498172
Conc: 72.06 ng/ml



#35 AR-1260-5

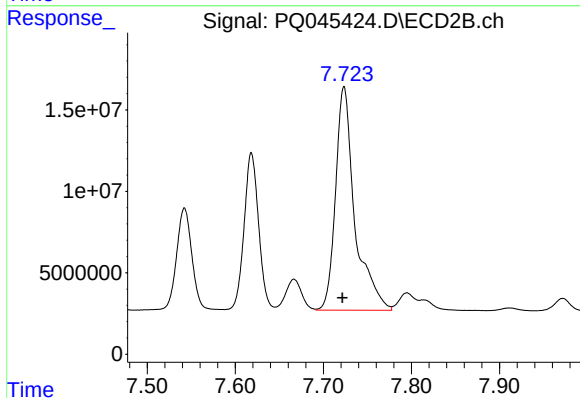
R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 29491852
Conc: 57.64 ng/ml



#36 AR-1262-1

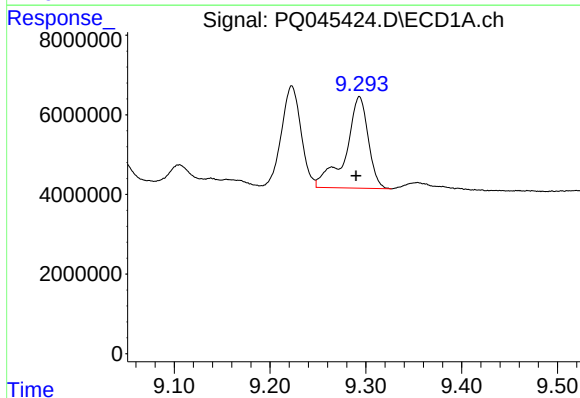
R.T.: 8.787 min
Delta R.T.: 0.003 min
Response: 6203399
Conc: 44.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



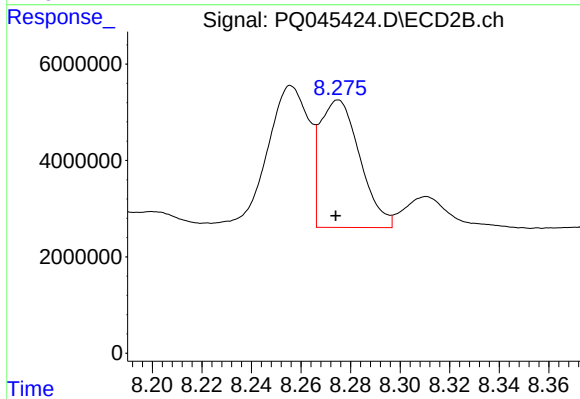
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 208426881
Conc: 1428.78 ng/ml



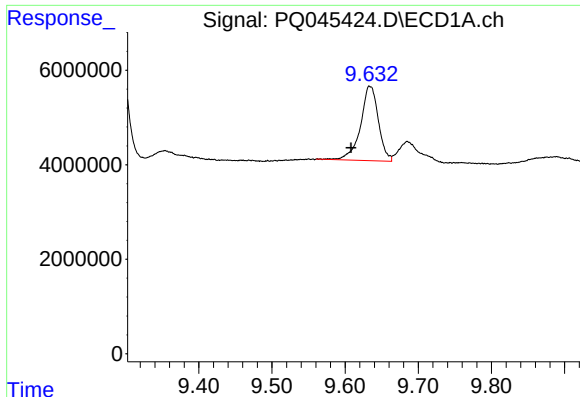
#37 AR-1262-2

R.T.: 9.293 min
Delta R.T.: 0.004 min
Response: 37498172
Conc: 57.85 ng/ml



#37 AR-1262-2

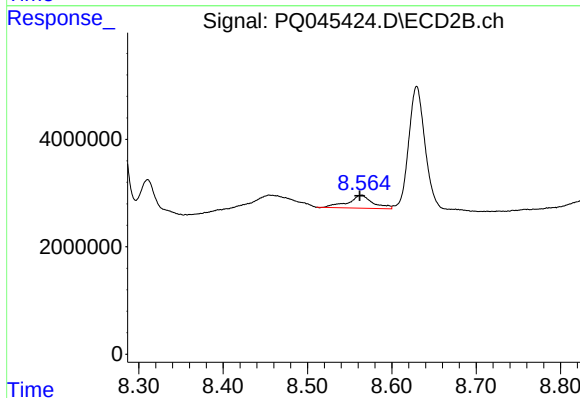
R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 29491852
Conc: 45.33 ng/ml



#38 AR-1262-3

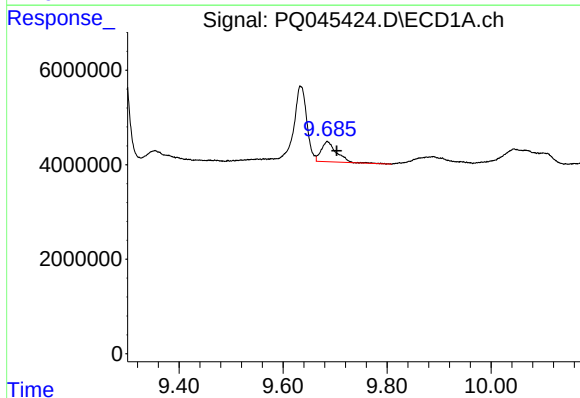
R.T.: 9.634 min
Delta R.T.: 0.026 min
Response: 26723516
Conc: 58.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



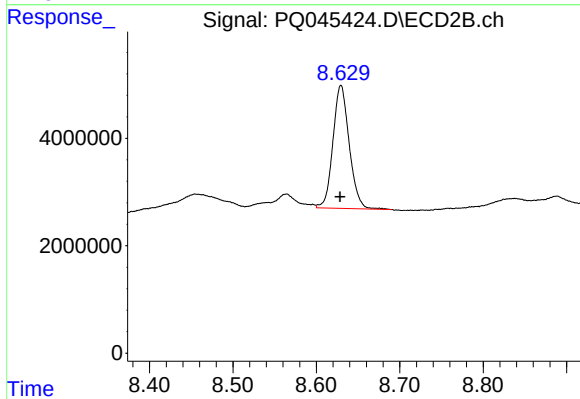
#38 AR-1262-3

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 4966476
Conc: 18.64 ng/ml



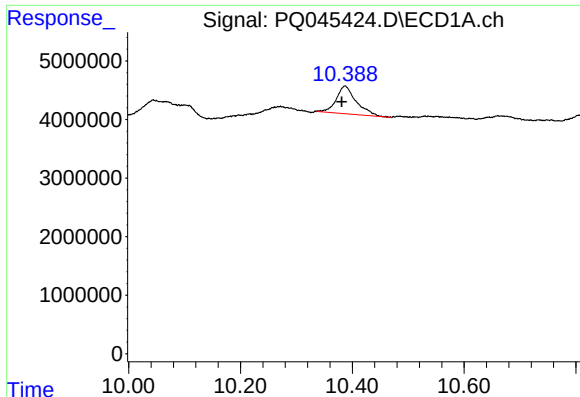
#39 AR-1262-4

R.T.: 9.685 min
Delta R.T.: -0.018 min
Response: 8726502
Conc: 23.94 ng/ml



#39 AR-1262-4

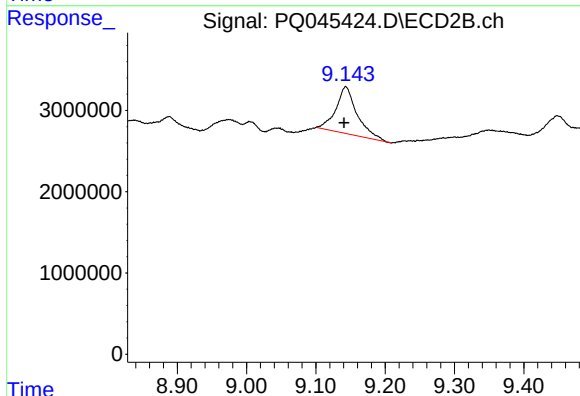
R.T.: 8.630 min
Delta R.T.: 0.001 min
Response: 31094832
Conc: 59.40 ng/ml



#40 AR-1262-5

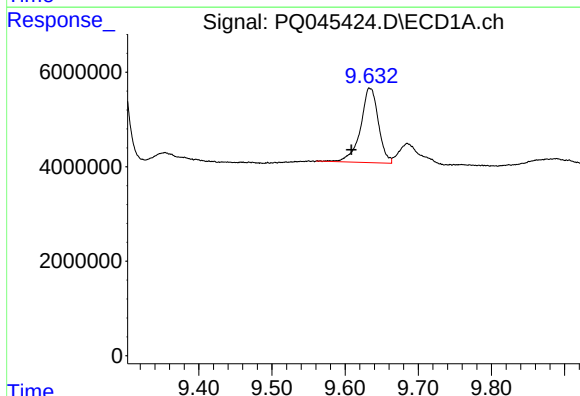
R.T.: 10.387 min
Delta R.T.: 0.006 min
Response: 11697658
Conc: 41.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



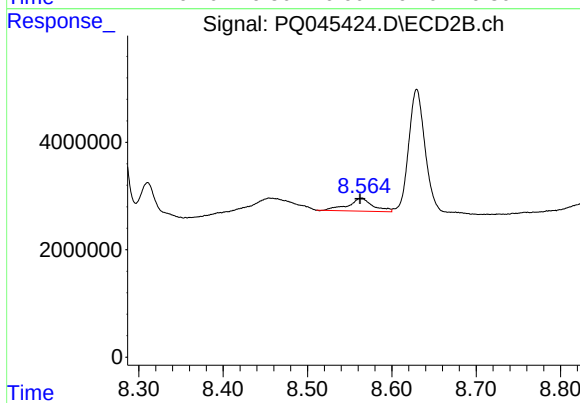
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: 0.003 min
Response: 12281327
Conc: 44.66 ng/ml



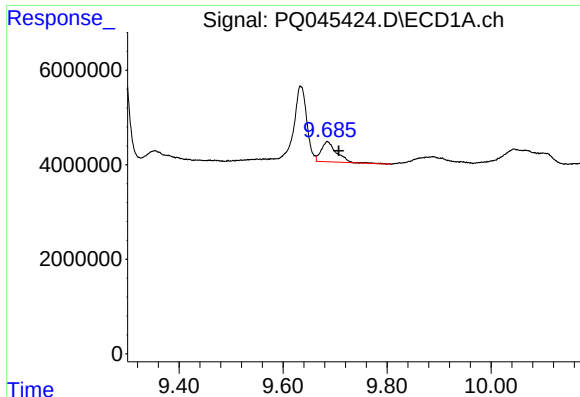
#41 AR-1268-1

R.T.: 9.634 min
Delta R.T.: 0.026 min
Response: 26723516
Conc: 31.63 ng/ml



#41 AR-1268-1

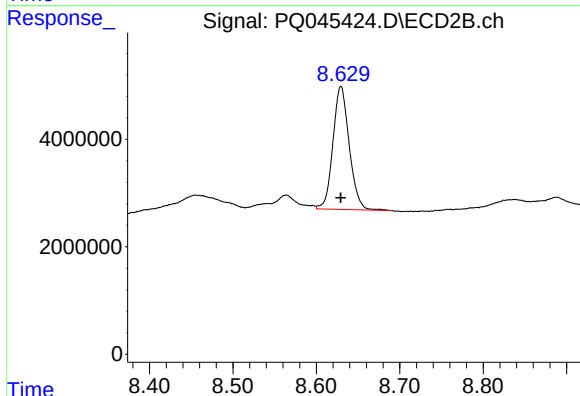
R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 4966476
Conc: 6.18 ng/ml



#42 AR-1268-2

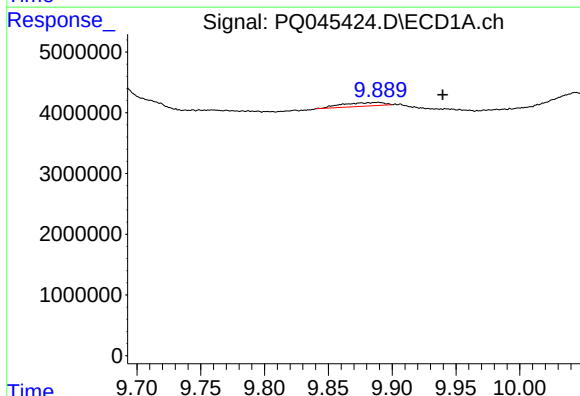
R.T.: 9.685 min
Delta R.T.: -0.021 min
Response: 8726502
Conc: 10.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



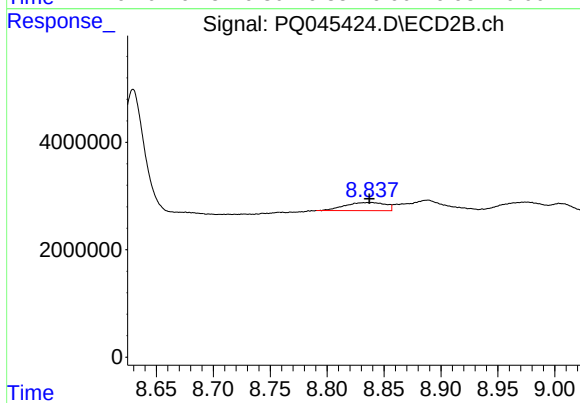
#42 AR-1268-2

R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 31094832
Conc: 40.88 ng/ml



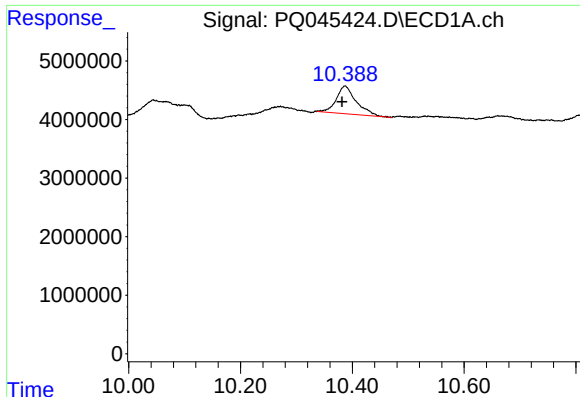
#43 AR-1268-3

R.T.: 9.888 min
Delta R.T.: -0.052 min
Response: 1398123
Conc: 1.99 ng/ml



#43 AR-1268-3

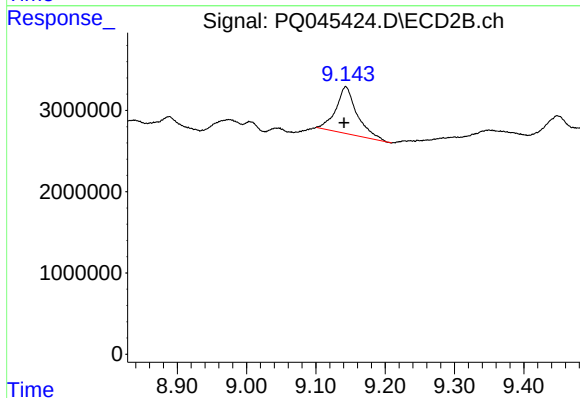
R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 3725530
Conc: 5.96 ng/ml



#44 AR-1268-4

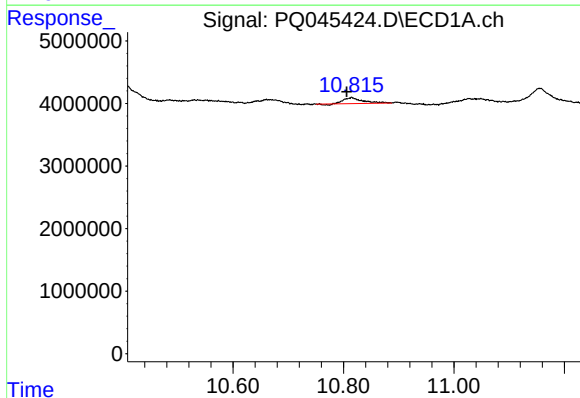
R.T.: 10.387 min
Delta R.T.: 0.005 min
Response: 11697658
Conc: 35.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



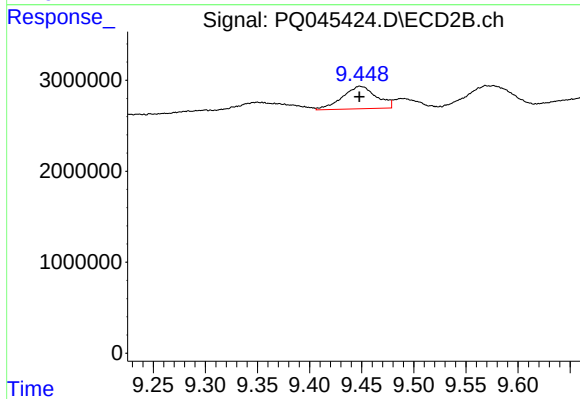
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: 0.002 min
Response: 12281327
Conc: 38.59 ng/ml



#45 AR-1268-5

R.T.: 10.815 min
Delta R.T.: 0.009 min
Response: 2201412
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 5609944
Conc: 2.32 ng/ml