

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090719\
 Data File : PQ043375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2019 16:31
 Operator : SM\AJ
 Sample : K4717-19MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:21:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 03:03:15 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...	5.696	4.785	93398364	32301166	24.754	24.202
2)	SA Decachlor...	12.089	10.563	351.7E6	152.6E6	38.415	33.683
Target Compounds							
3)	L1 AR-1016-1	7.139	6.241	80051609	32297522	497.099	473.754
4)	L1 AR-1016-2	7.164	6.264	116.6E6	43348204	505.000	473.817
5)	L1 AR-1016-3	7.235	6.478	70184892	23812799	491.389	470.840
6)	L1 AR-1016-4	7.347	6.532	58868270	18832145	495.097	459.464
7)	L1 AR-1016-5	7.682	6.784	57865376	25322424	481.627	446.095
8)	L2 AR-1221-1	5.968	5.094	5972059	2044144	123.797	116.106
9)	L2 AR-1221-2	6.083	5.210	7800361	2915202	234.225	226.349
10)	L2 AR-1221-3	6.178	5.316	34282915	12746159	302.105	281.687
11)	L3 AR-1232-1	6.178	5.316	34282915	12746159	495.305	469.343
12)	L3 AR-1232-2	6.822	6.264	52896449	43348204	1241.465	1403.694
13)	L3 AR-1232-3	7.164	6.478	116.6E6	23812799	1441.495	1387.321
14)	L3 AR-1232-4	7.347	6.582	58868270	23622331	1349.737	1537.155
15)	L3 AR-1232-5	7.454	6.784	45497799	25322424	1571.544	1421.813
16)	L4 AR-1242-1	7.139	6.241	80051609	32297522	583.327	574.772
17)	L4 AR-1242-2	7.164	6.264	116.6E6	43348204	588.245	578.570
18)	L4 AR-1242-3	7.235	6.478	70184892	23812799	569.124	569.749
19)	L4 AR-1242-4	7.347	6.582	58868270	23622331	588.928	570.712
20)	L4 AR-1242-5	8.171	7.195	9010612	22279274	70.756	362.564 #
21)	L5 AR-1248-1	7.139	6.241	80051609	32297522	671.958	653.958
22)	L5 AR-1248-2	7.454	6.532	45497799	18832145	286.614	284.135
23)	L5 AR-1248-3	7.682	6.582	57865376	23622331	295.946	344.186
24)	L5 AR-1248-4	8.128	6.784	9240972	25322424	38.535	293.633 #
25)	L5 AR-1248-5	8.171	7.241	9010612	3676680	38.626	37.134
26)	L6 AR-1254-1	8.099	7.195	46662340	22279274	216.538	162.768
27)	L6 AR-1254-2	8.337	7.362	53166966	22827148	149.361	181.137
28)	L6 AR-1254-3	8.731	7.827	31392383	44457624	76.369	195.744 #
29)	L6 AR-1254-4	9.033	8.058	21369187	6244111	65.885	39.883 #
30)	L6 AR-1254-5	9.471	8.506	226.2E6	109.1E6	611.815	466.635
31)	L7 AR-1260-1	8.904	7.952	132.2E6	66771365	519.392	508.124
32)	L7 AR-1260-2	9.175	8.154	174.6E6	87119070	536.244	515.465
33)	L7 AR-1260-3	9.550	8.320	115.2E6	81423892	438.041	511.790
34)	L7 AR-1260-4	9.792	8.820	148.4E6	65908649	460.606	429.466
35)	L7 AR-1260-5	10.138	9.070	314.6E6	173.1E6	443.182	427.380
36)	L8 AR-1262-1	9.550	8.602	115.2E6	34778484	248.564	350.017 #
37)	L8 AR-1262-2	10.138	9.070	314.6E6	173.1E6	340.104	342.548
38)	L8 AR-1262-3	10.492	9.365	211.3E6	32828285	316.620	154.232 #
39)	L8 AR-1262-4	10.548	9.431	113.3E6	126.1E6	228.085	314.100 #
40)	L8 AR-1262-5	11.278	9.957	106.9E6	41416489	255.649	211.914
41)	L9 AR-1268-1	10.492	9.365	211.3E6	32828285	192.515	58.090 #

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 Acq On : 07 Sep 2019 16:31
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 Sample : K4717-19MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

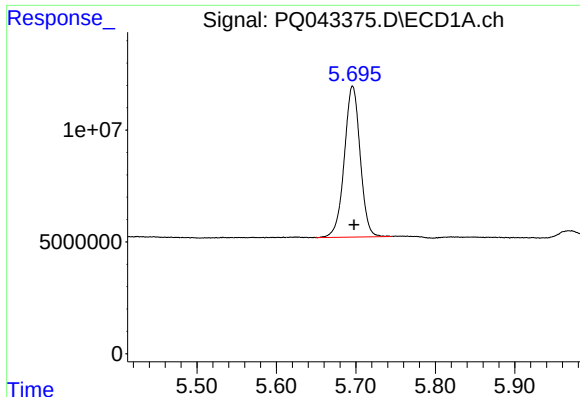
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:21:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
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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
42) L9	AR-1268-2	10.548	9.431	113.3E6	126.1E6	109.758	242.245 #
43) L9	AR-1268-3	10.818	9.650	6346068	3532566	7.335	8.587
44) L9	AR-1268-4	11.278	9.957	106.9E6	41416489	246.688	203.570
45) L9	AR-1268-5	11.724	10.279	33412023	14144650	9.709	8.917

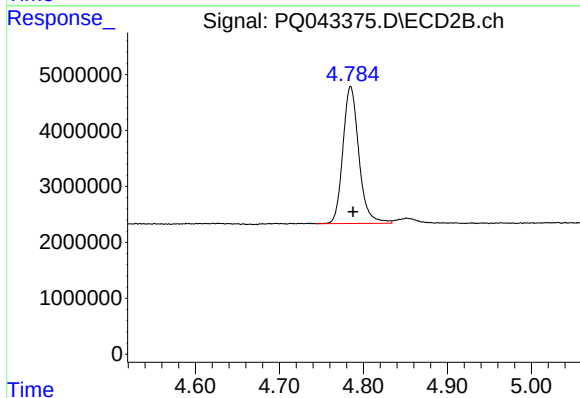
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

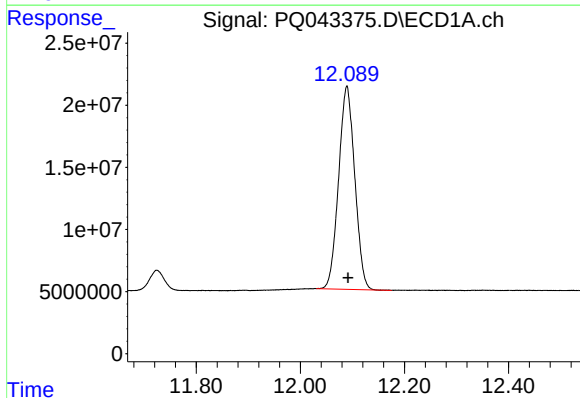
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 93398364
Conc: 24.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



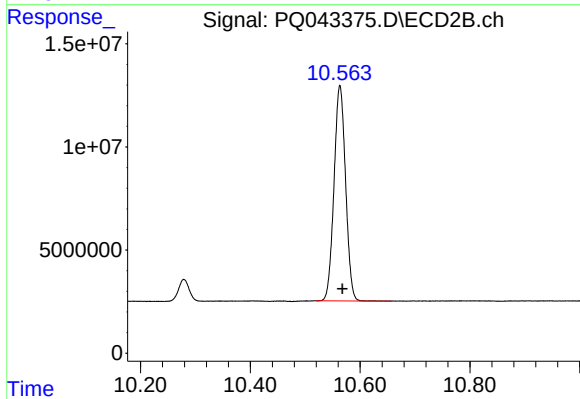
#1 Tetrachloro-m-xylene

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 32301166
Conc: 24.20 ng/ml



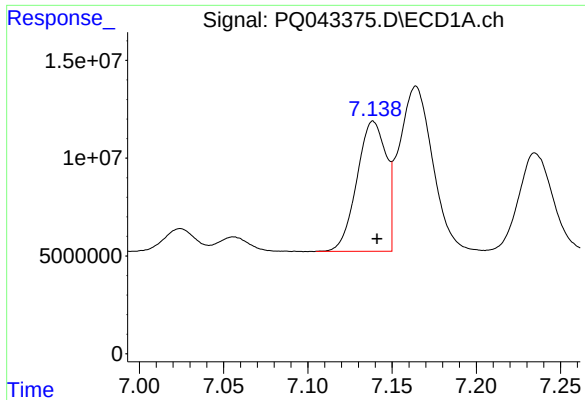
#2 Decachlorobiphenyl

R.T.: 12.089 min
Delta R.T.: -0.002 min
Response: 351669420
Conc: 38.42 ng/ml



#2 Decachlorobiphenyl

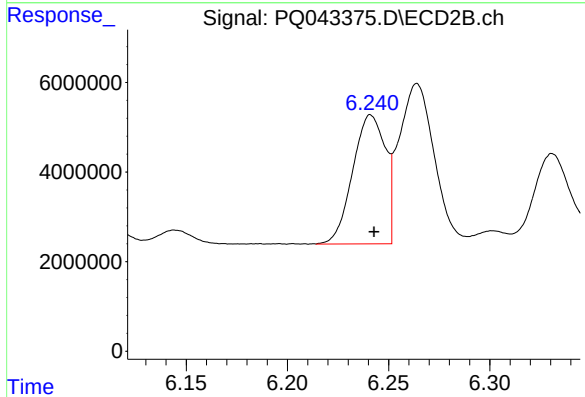
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 152649885
Conc: 33.68 ng/ml



#3 AR-1016-1

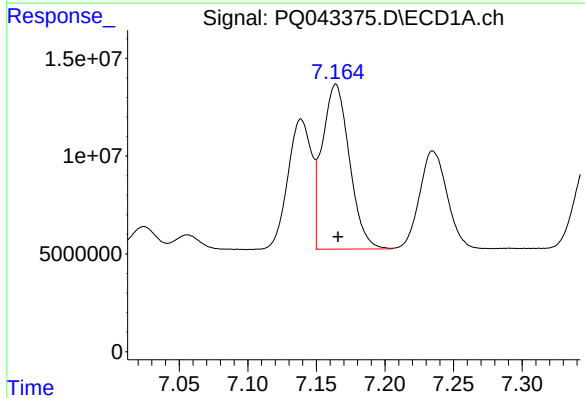
R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 80051609
Conc: 497.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



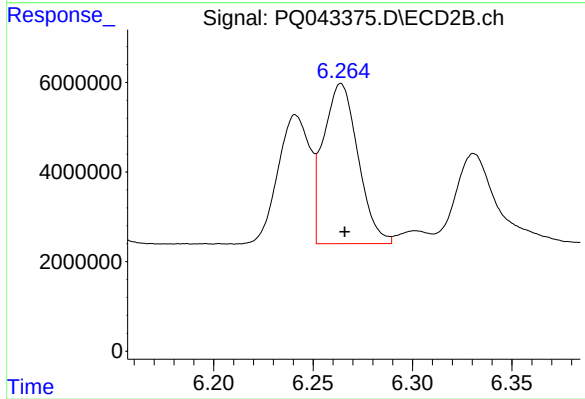
#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 32297522
Conc: 473.75 ng/ml



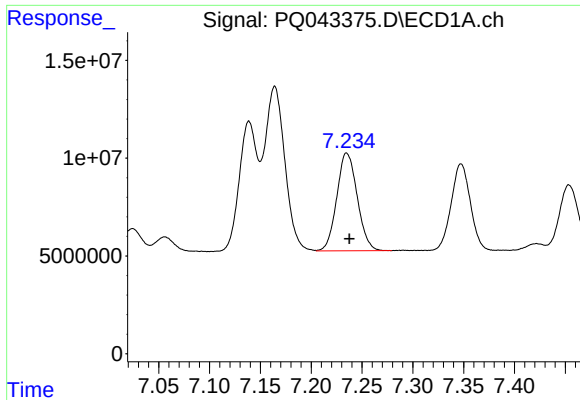
#4 AR-1016-2

R.T.: 7.164 min
Delta R.T.: -0.002 min
Response: 116603410
Conc: 505.00 ng/ml



#4 AR-1016-2

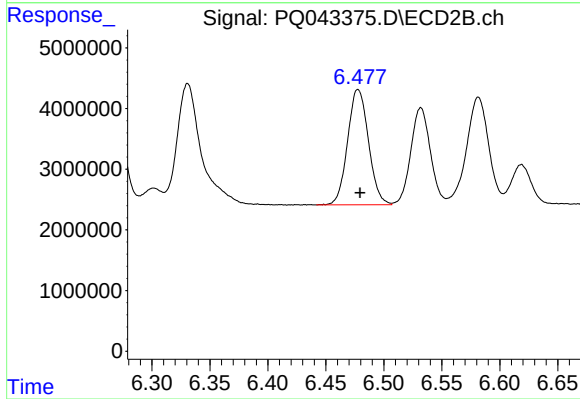
R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 43348204
Conc: 473.82 ng/ml



#5 AR-1016-3

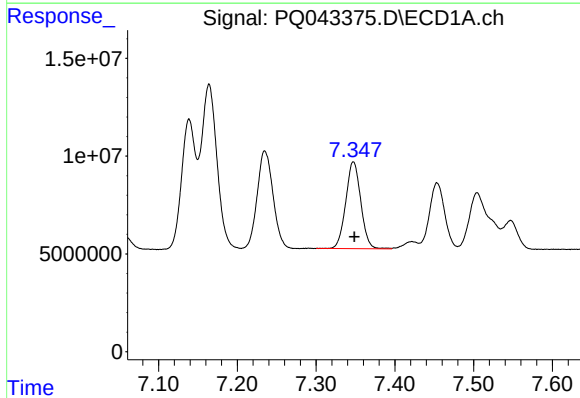
R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 70184892
Conc: 491.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



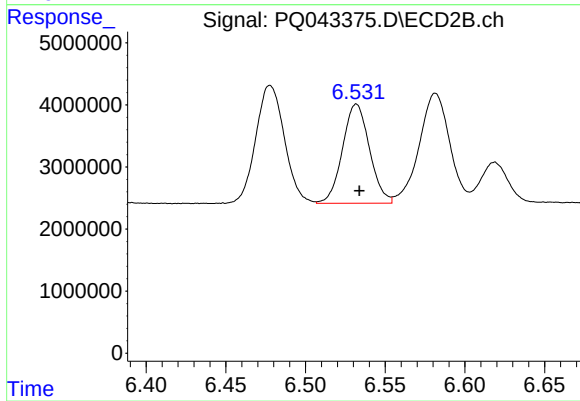
#5 AR-1016-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 23812799
Conc: 470.84 ng/ml



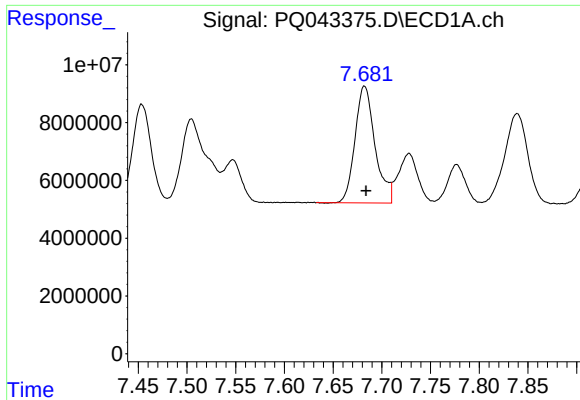
#6 AR-1016-4

R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 58868270
Conc: 495.10 ng/ml



#6 AR-1016-4

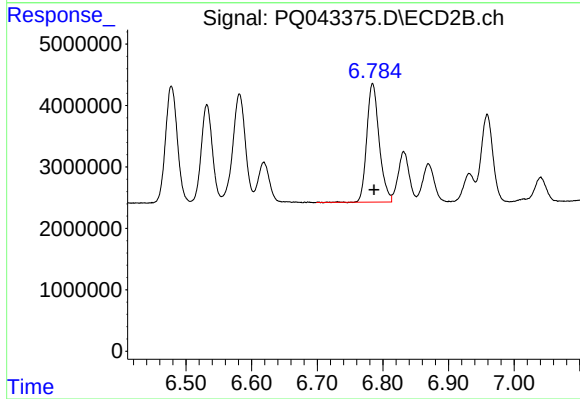
R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 18832145
Conc: 459.46 ng/ml



#7 AR-1016-5

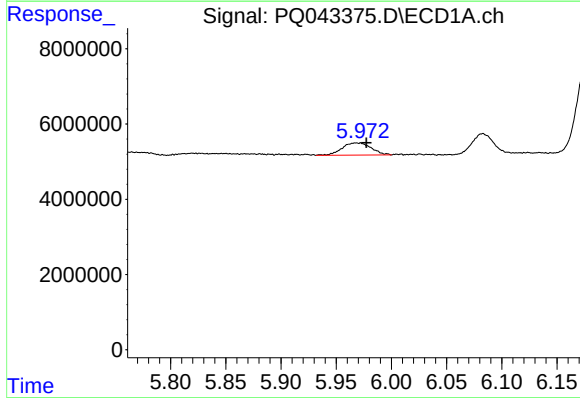
R.T.: 7.682 min
Delta R.T.: -0.002 min
Response: 57865376
Conc: 481.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



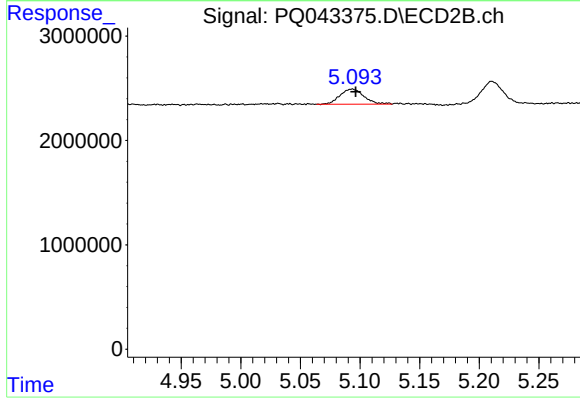
#7 AR-1016-5

R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 25322424
Conc: 446.09 ng/ml



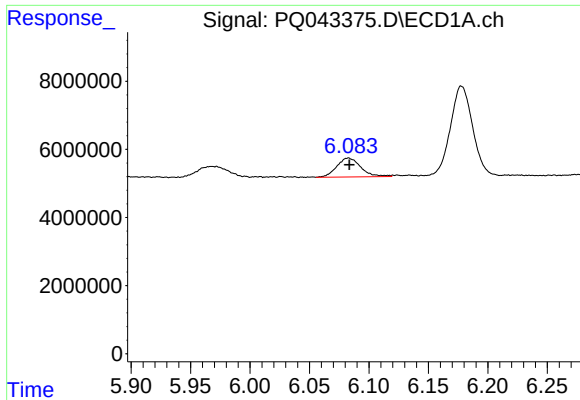
#8 AR-1221-1

R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 5972059
Conc: 123.80 ng/ml



#8 AR-1221-1

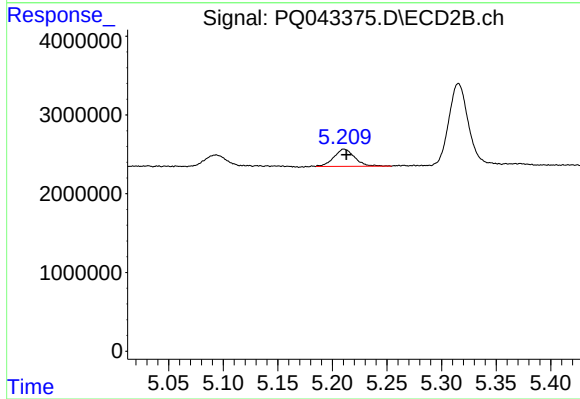
R.T.: 5.094 min
Delta R.T.: -0.003 min
Response: 2044144
Conc: 116.11 ng/ml



#9 AR-1221-2

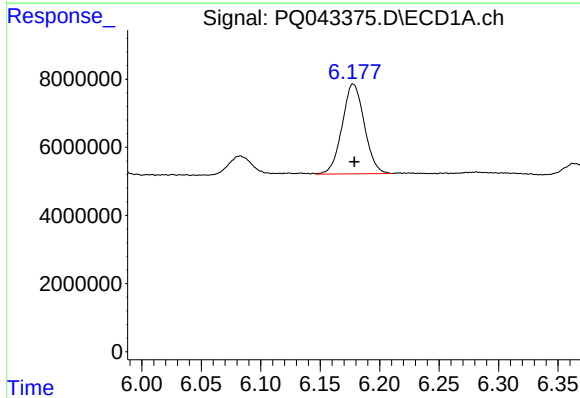
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 7800361
Conc: 234.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



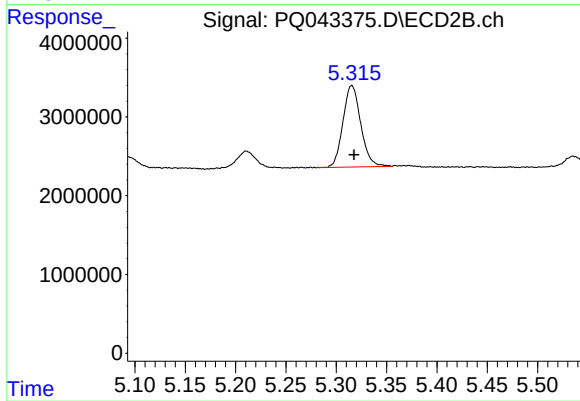
#9 AR-1221-2

R.T.: 5.210 min
Delta R.T.: -0.002 min
Response: 2915202
Conc: 226.35 ng/ml



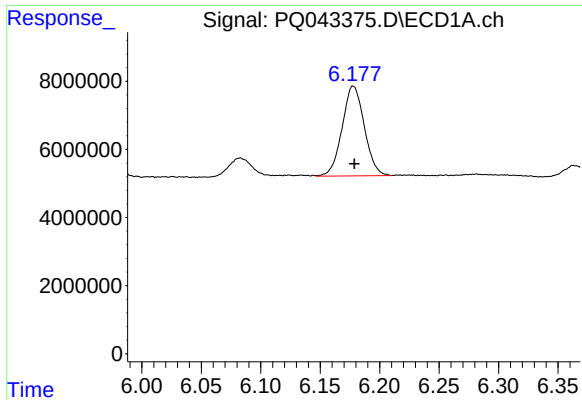
#10 AR-1221-3

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 34282915
Conc: 302.10 ng/ml



#10 AR-1221-3

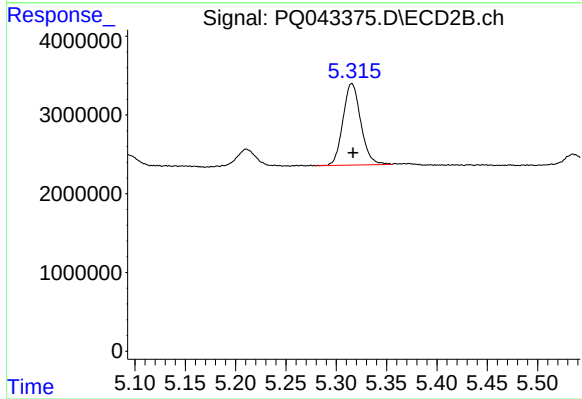
R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 12746159
Conc: 281.69 ng/ml



#11 AR-1232-1

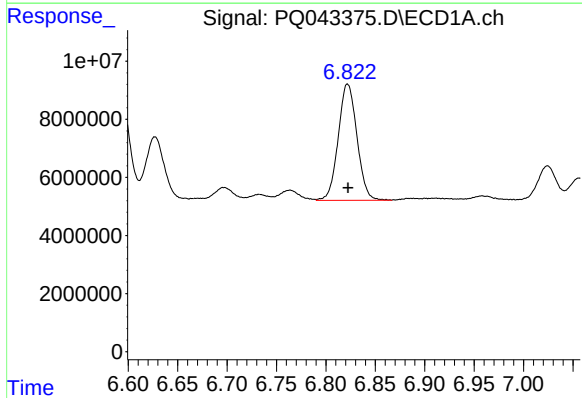
R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 34282915
Conc: 495.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



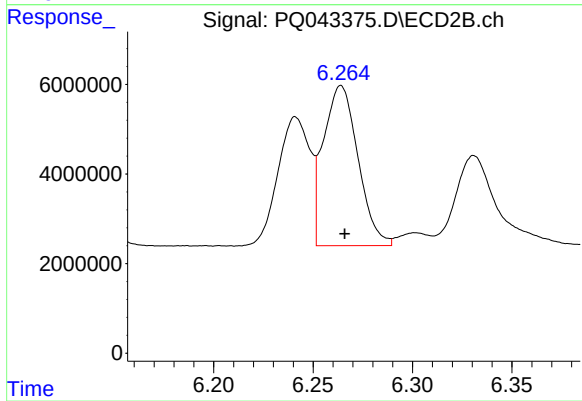
#11 AR-1232-1

R.T.: 5.316 min
Delta R.T.: -0.001 min
Response: 12746159
Conc: 469.34 ng/ml



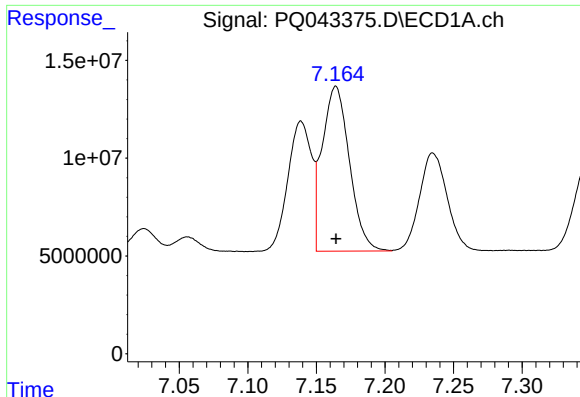
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 52896449
Conc: 1241.46 ng/ml



#12 AR-1232-2

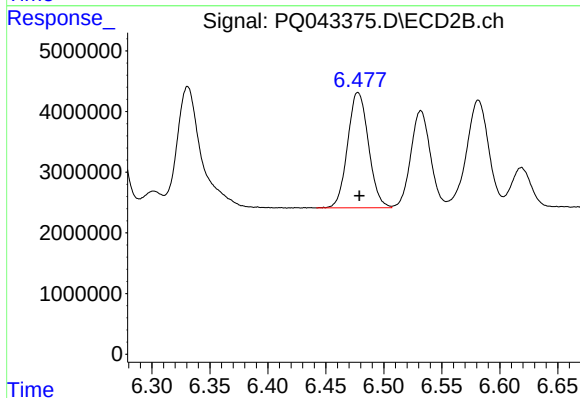
R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 43348204
Conc: 1403.69 ng/ml



#13 AR-1232-3

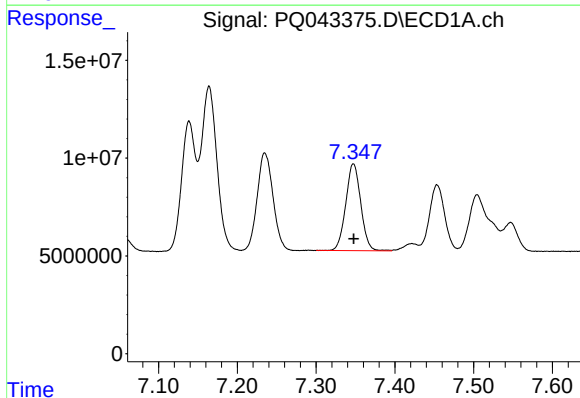
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 116603410
Conc: 1441.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



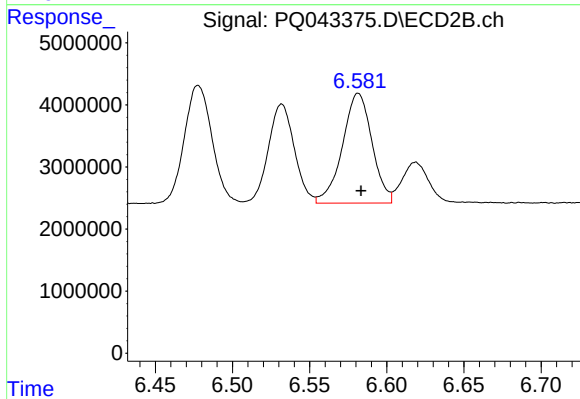
#13 AR-1232-3

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 23812799
Conc: 1387.32 ng/ml



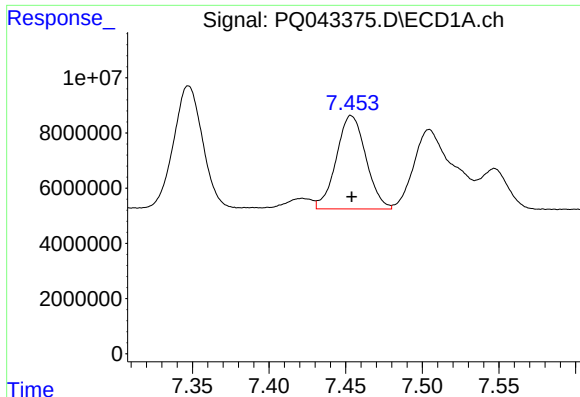
#14 AR-1232-4

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 58868270
Conc: 1349.74 ng/ml



#14 AR-1232-4

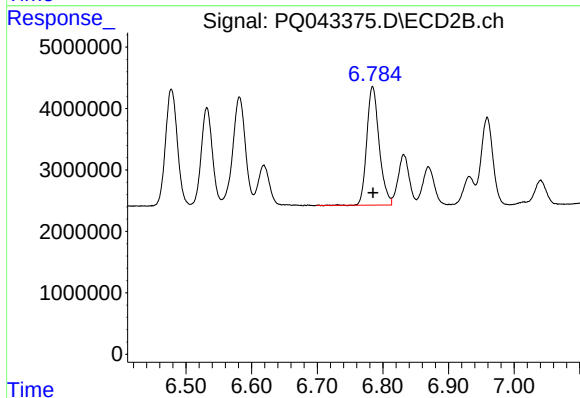
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 23622331
Conc: 1537.16 ng/ml



#15 AR-1232-5

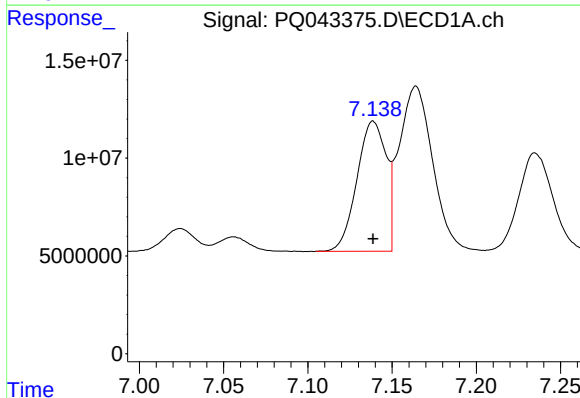
R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 45497799
Conc: 1571.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



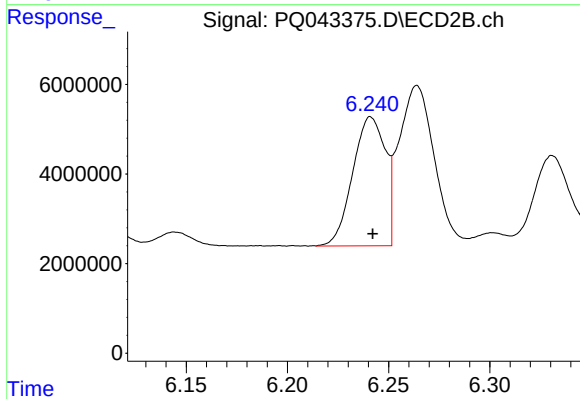
#15 AR-1232-5

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 25322424
Conc: 1421.81 ng/ml



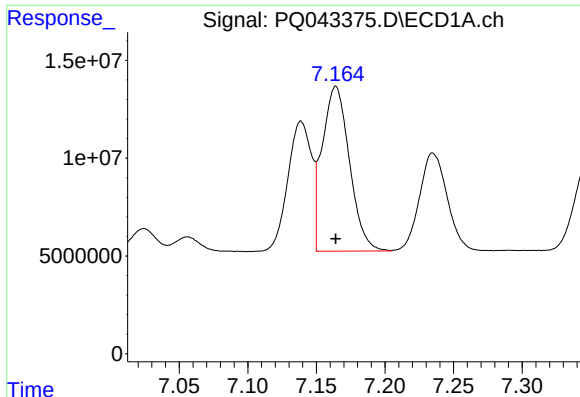
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 80051609
Conc: 583.33 ng/ml



#16 AR-1242-1

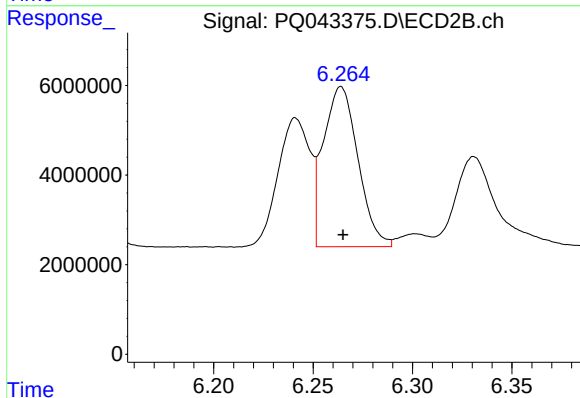
R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 32297522
Conc: 574.77 ng/ml



#17 AR-1242-2

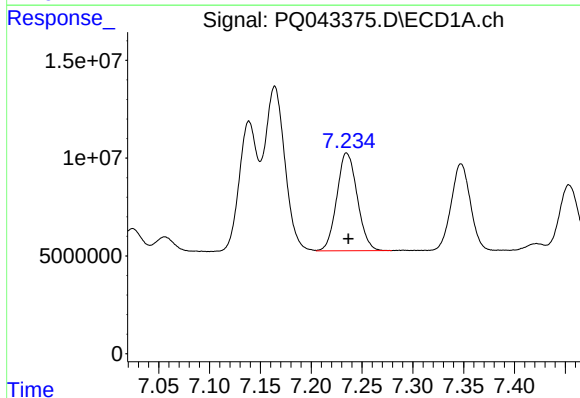
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 116603410
Conc: 588.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



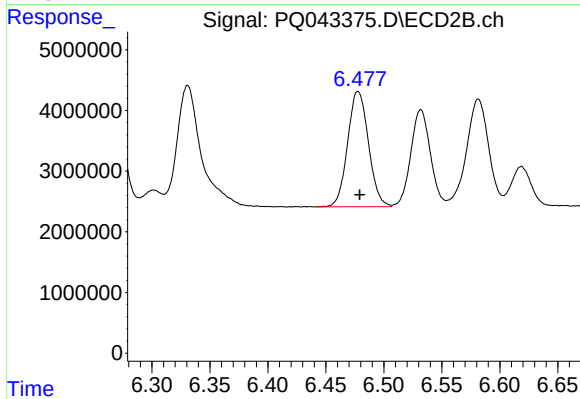
#17 AR-1242-2

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 43348204
Conc: 578.57 ng/ml



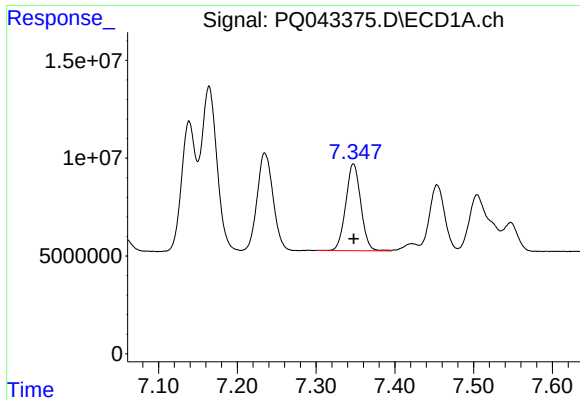
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 70184892
Conc: 569.12 ng/ml



#18 AR-1242-3

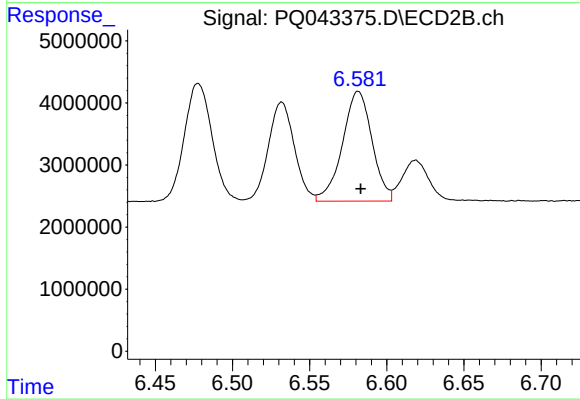
R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 23812799
Conc: 569.75 ng/ml



#19 AR-1242-4

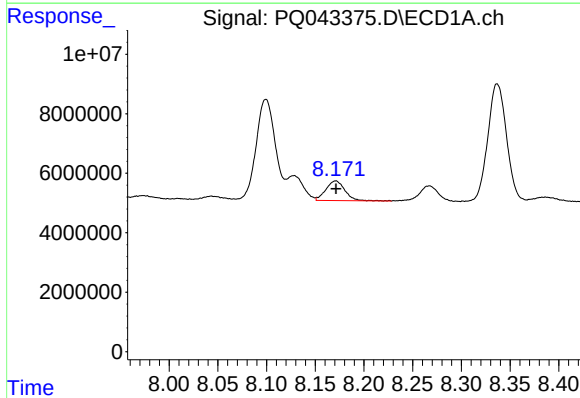
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 58868270
Conc: 588.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



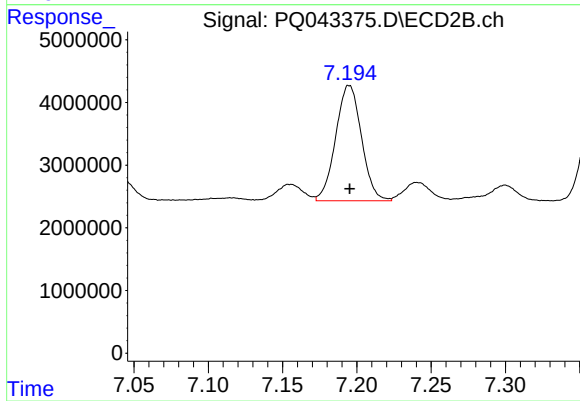
#19 AR-1242-4

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 23622331
Conc: 570.71 ng/ml



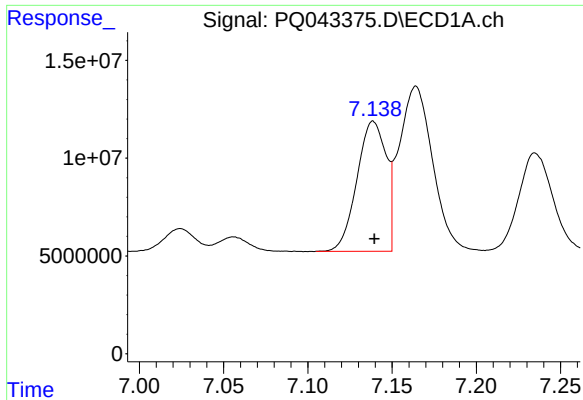
#20 AR-1242-5

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 9010612
Conc: 70.76 ng/ml



#20 AR-1242-5

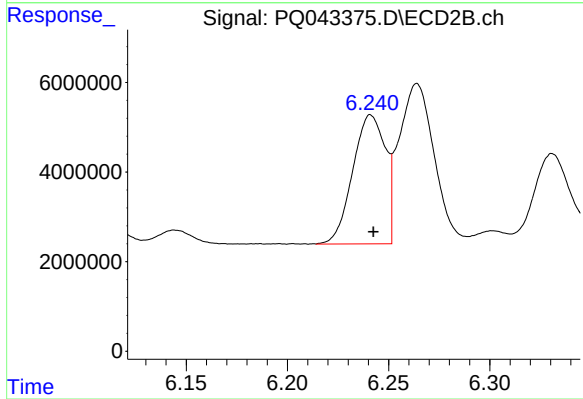
R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 22279274
Conc: 362.56 ng/ml



#21 AR-1248-1

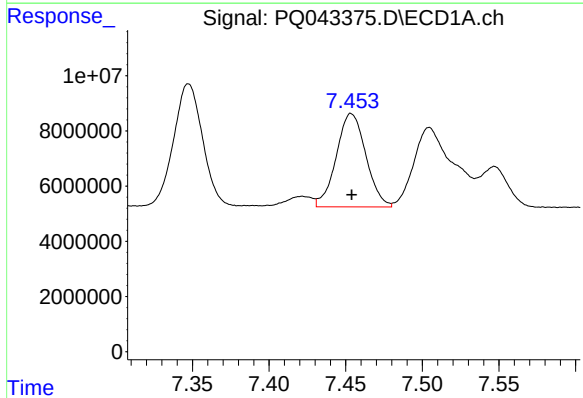
R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 80051609
Conc: 671.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



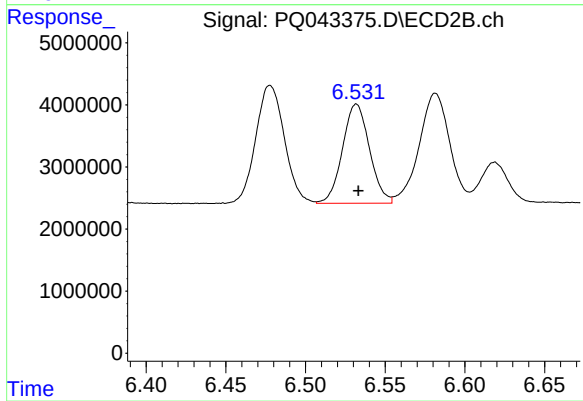
#21 AR-1248-1

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 32297522
Conc: 653.96 ng/ml



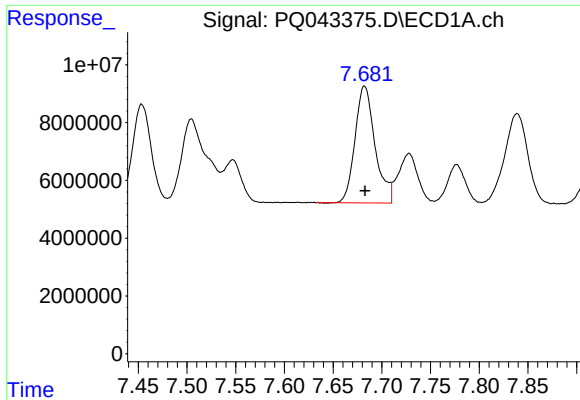
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 45497799
Conc: 286.61 ng/ml



#22 AR-1248-2

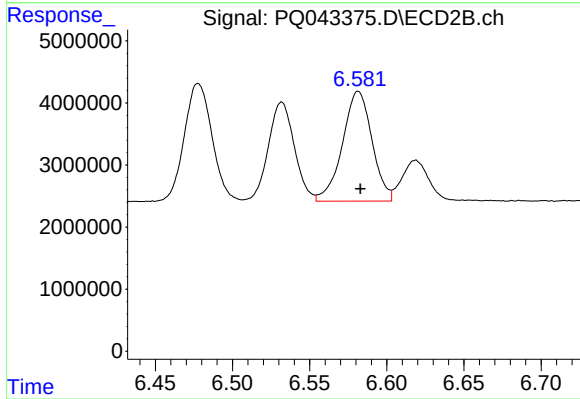
R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 18832145
Conc: 284.13 ng/ml



#23 AR-1248-3

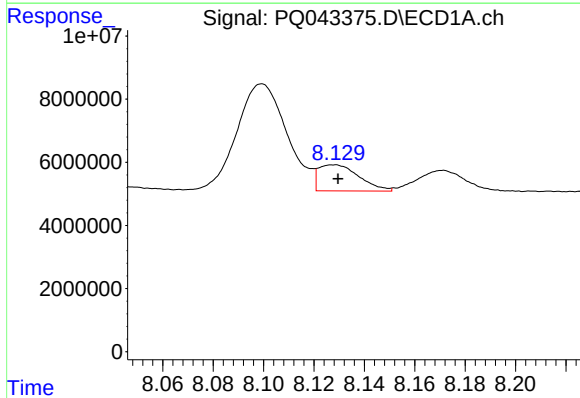
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 57865376
Conc: 295.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



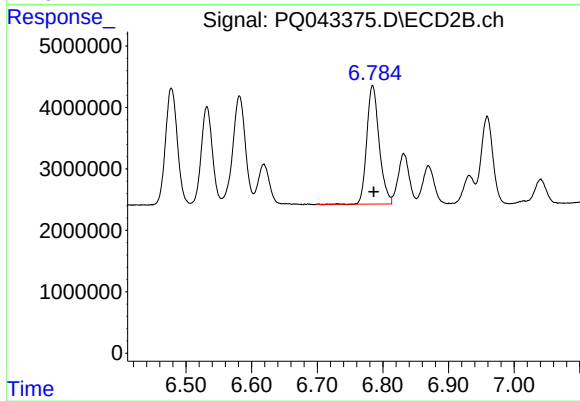
#23 AR-1248-3

R.T.: 6.582 min
Delta R.T.: -0.001 min
Response: 23622331
Conc: 344.19 ng/ml



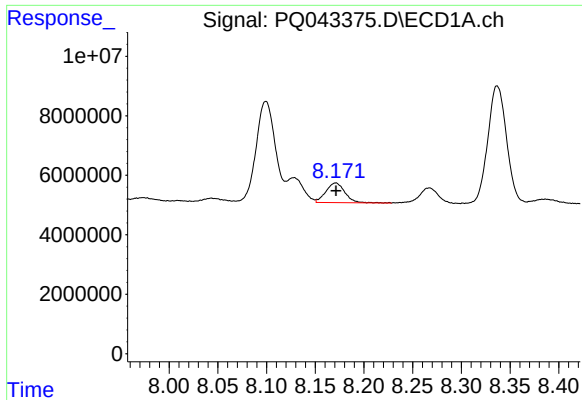
#24 AR-1248-4

R.T.: 8.128 min
Delta R.T.: -0.002 min
Response: 9240972
Conc: 38.54 ng/ml



#24 AR-1248-4

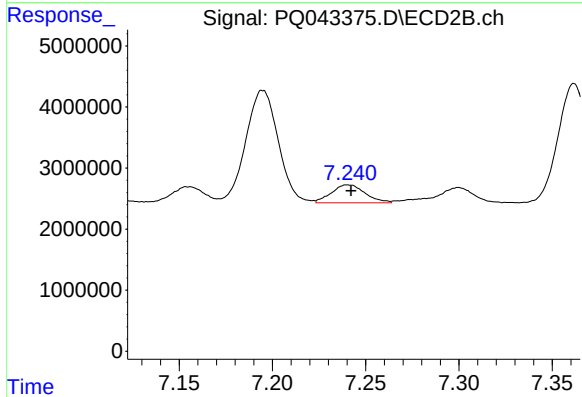
R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 25322424
Conc: 293.63 ng/ml



#25 AR-1248-5

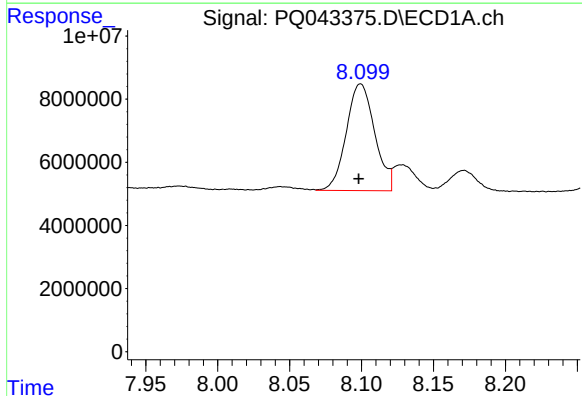
R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 9010612
Conc: 38.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



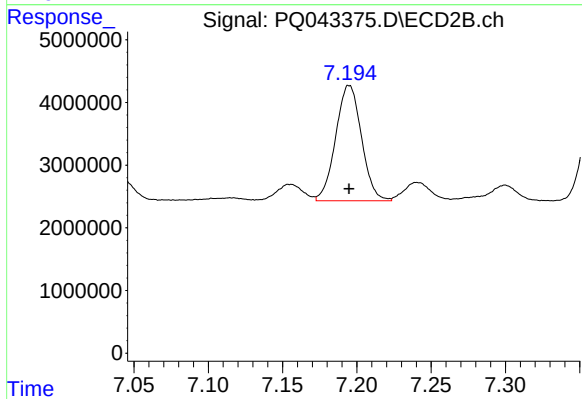
#25 AR-1248-5

R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 3676680
Conc: 37.13 ng/ml



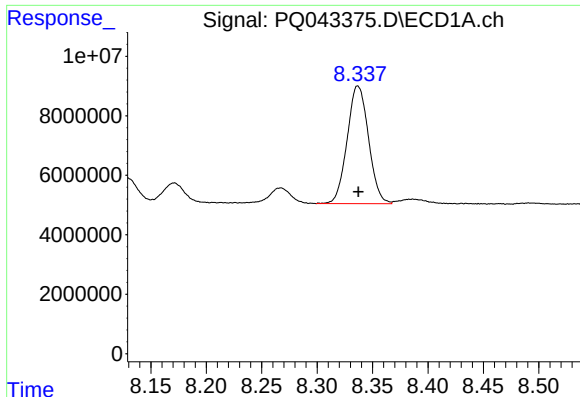
#26 AR-1254-1

R.T.: 8.099 min
Delta R.T.: 0.001 min
Response: 46662340
Conc: 216.54 ng/ml



#26 AR-1254-1

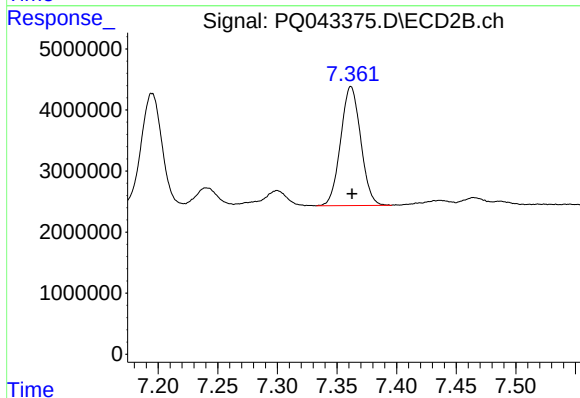
R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 22279274
Conc: 162.77 ng/ml



#27 AR-1254-2

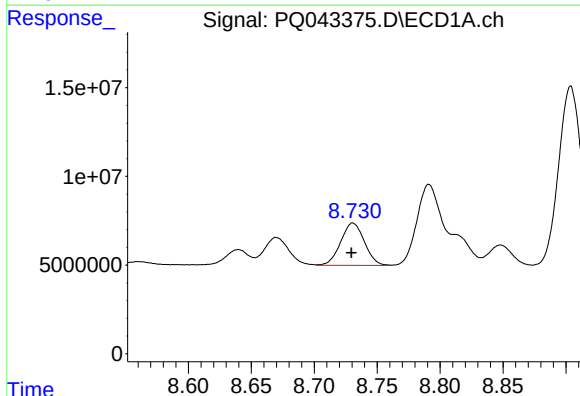
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 53166966
Conc: 149.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



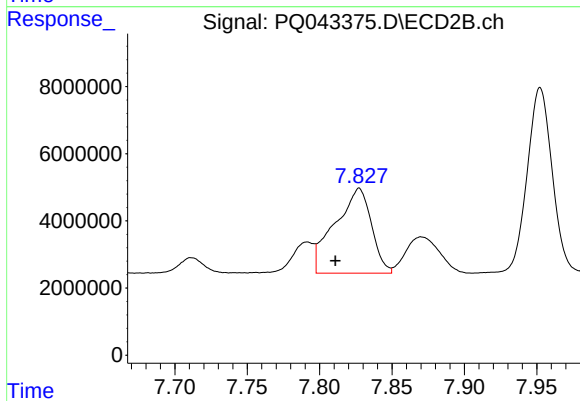
#27 AR-1254-2

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 22827148
Conc: 181.14 ng/ml



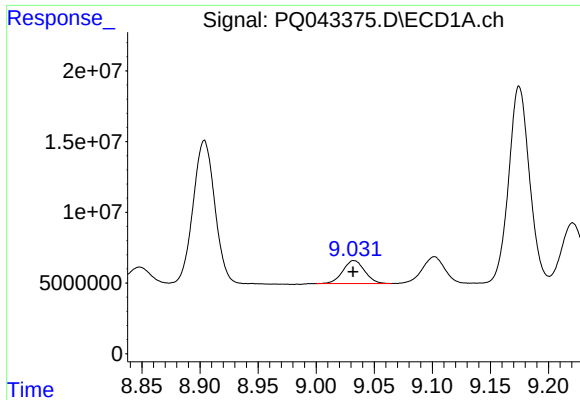
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: 0.001 min
Response: 31392383
Conc: 76.37 ng/ml



#28 AR-1254-3

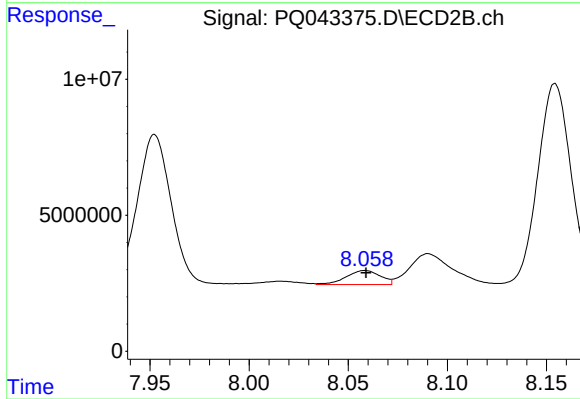
R.T.: 7.827 min
Delta R.T.: 0.016 min
Response: 44457624
Conc: 195.74 ng/ml



#29 AR-1254-4

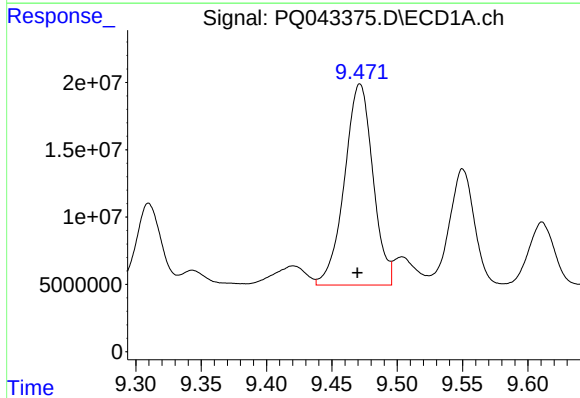
R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 21369187
Conc: 65.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



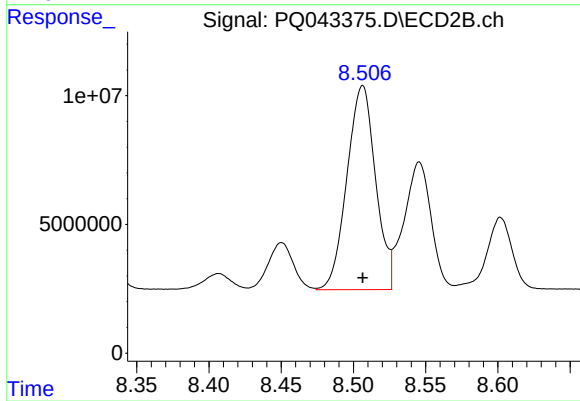
#29 AR-1254-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 6244111
Conc: 39.88 ng/ml



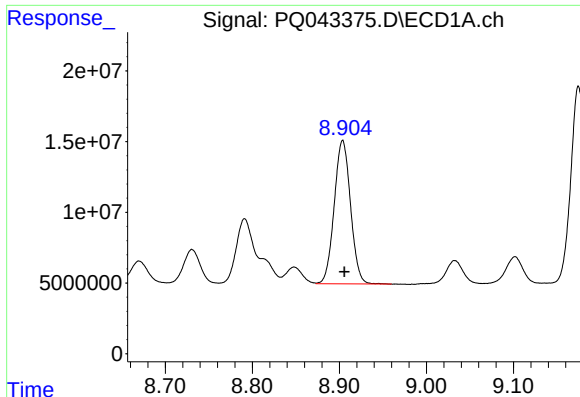
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: 0.002 min
Response: 226208588
Conc: 611.81 ng/ml



#30 AR-1254-5

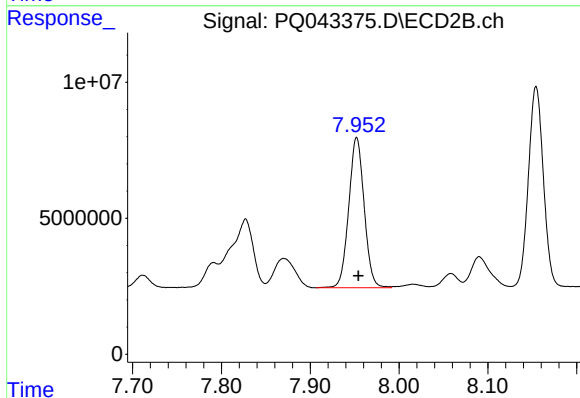
R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 109142099
Conc: 466.63 ng/ml



#31 AR-1260-1

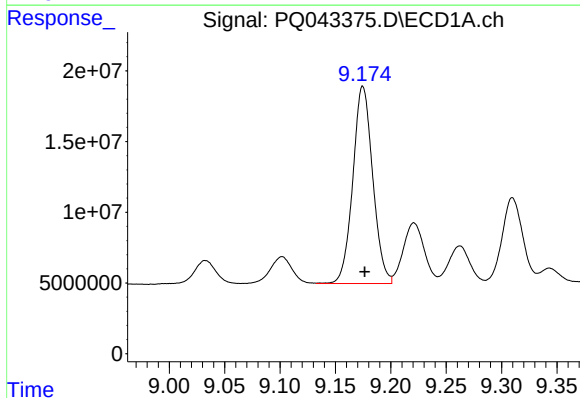
R.T.: 8.904 min
Delta R.T.: -0.002 min
Response: 132176317
Conc: 519.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



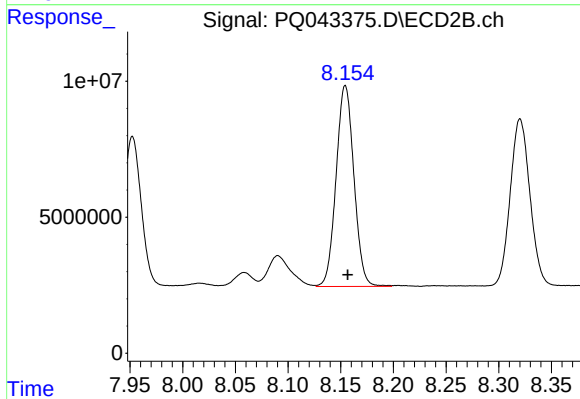
#31 AR-1260-1

R.T.: 7.952 min
Delta R.T.: -0.002 min
Response: 66771365
Conc: 508.12 ng/ml



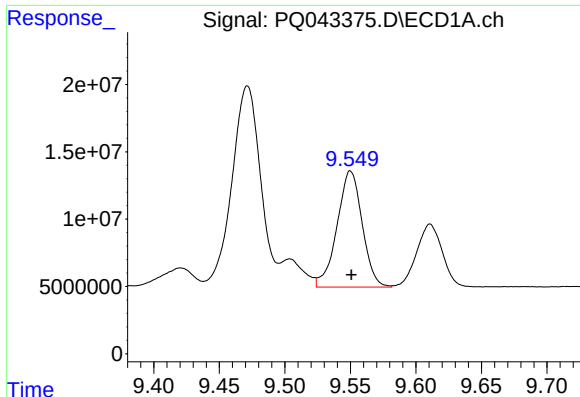
#32 AR-1260-2

R.T.: 9.175 min
Delta R.T.: -0.002 min
Response: 174638579
Conc: 536.24 ng/ml



#32 AR-1260-2

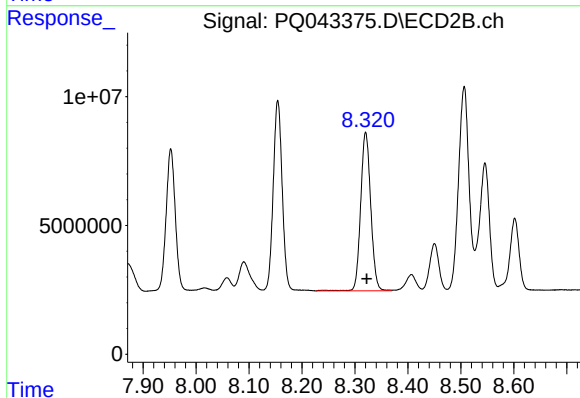
R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 87119070
Conc: 515.47 ng/ml



#33 AR-1260-3

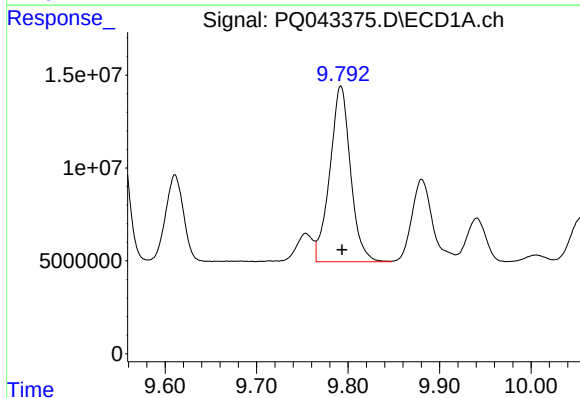
R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 115165340
Conc: 438.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



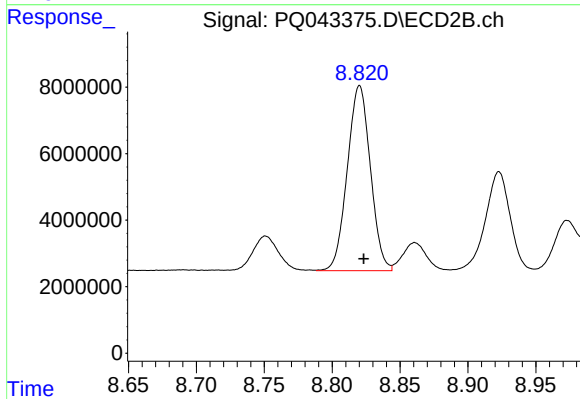
#33 AR-1260-3

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 81423892
Conc: 511.79 ng/ml



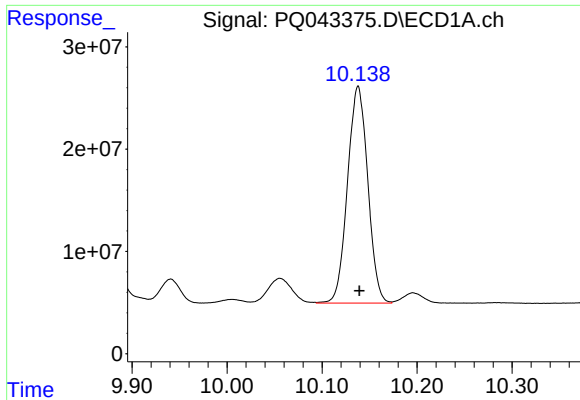
#34 AR-1260-4

R.T.: 9.792 min
Delta R.T.: -0.001 min
Response: 148407738
Conc: 460.61 ng/ml



#34 AR-1260-4

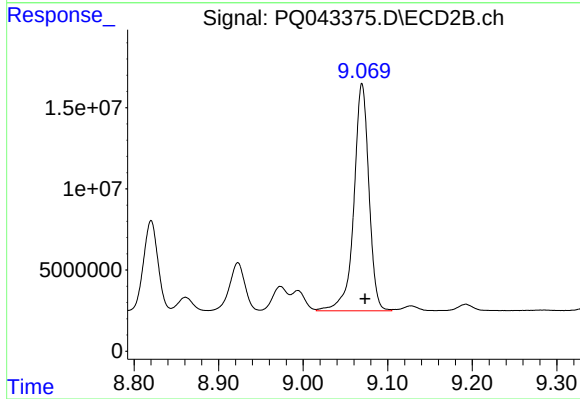
R.T.: 8.820 min
Delta R.T.: -0.003 min
Response: 65908649
Conc: 429.47 ng/ml



#35 AR-1260-5

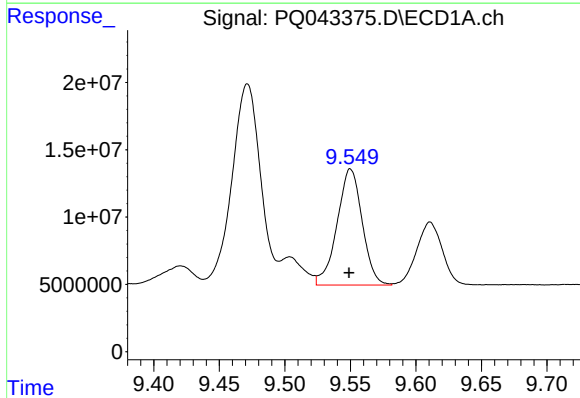
R.T.: 10.138 min
Delta R.T.: -0.001 min
Response: 314578733
Conc: 443.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



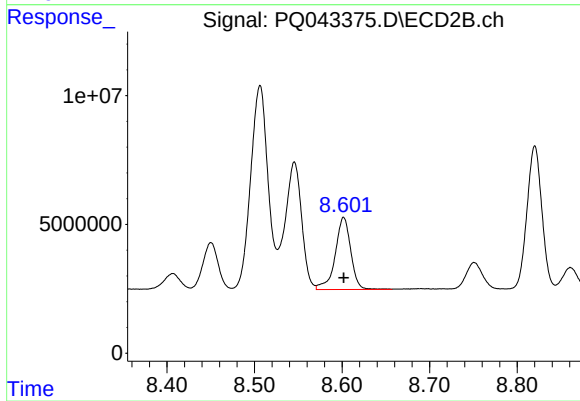
#35 AR-1260-5

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 173069148
Conc: 427.38 ng/ml



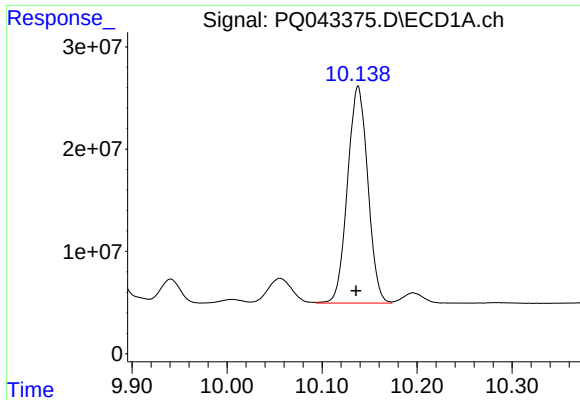
#36 AR-1262-1

R.T.: 9.550 min
Delta R.T.: 0.001 min
Response: 115165340
Conc: 248.56 ng/ml



#36 AR-1262-1

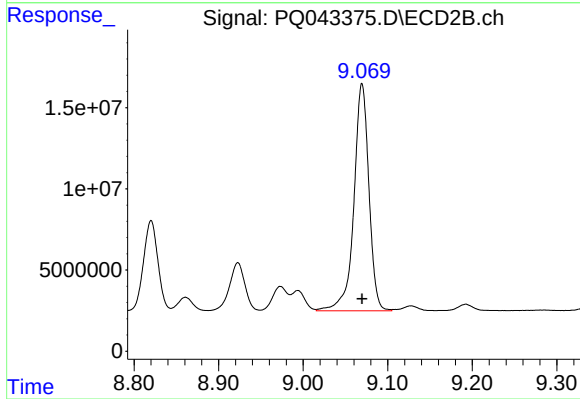
R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 34778484
Conc: 350.02 ng/ml



#37 AR-1262-2

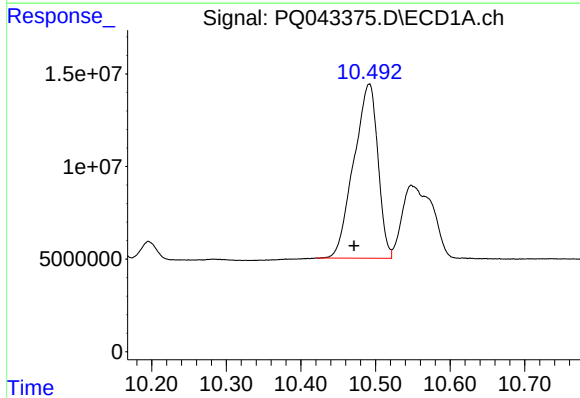
R.T.: 10.138 min
Delta R.T.: 0.002 min
Response: 314578733
Conc: 340.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



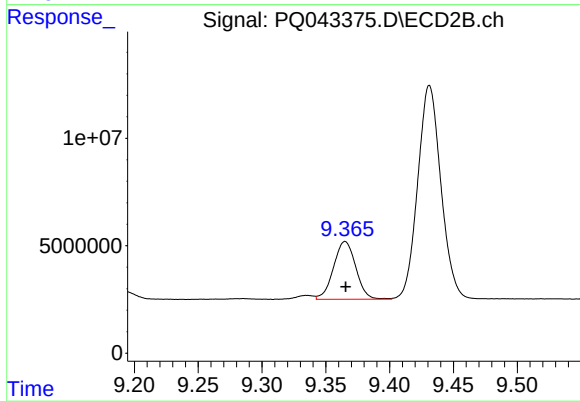
#37 AR-1262-2

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 173069148
Conc: 342.55 ng/ml



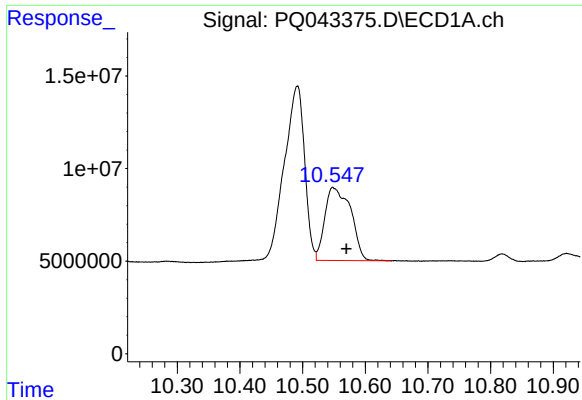
#38 AR-1262-3

R.T.: 10.492 min
Delta R.T.: 0.020 min
Response: 211267336
Conc: 316.62 ng/ml



#38 AR-1262-3

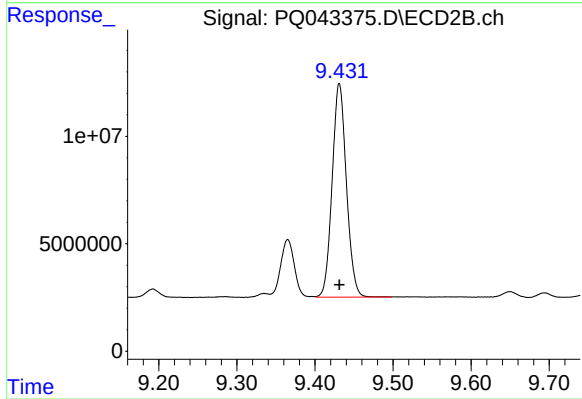
R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 32828285
Conc: 154.23 ng/ml



#39 AR-1262-4

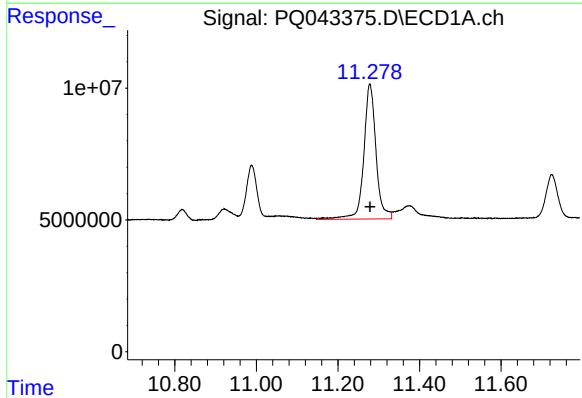
R.T.: 10.548 min
Delta R.T.: -0.022 min
Response: 113347668
Conc: 228.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



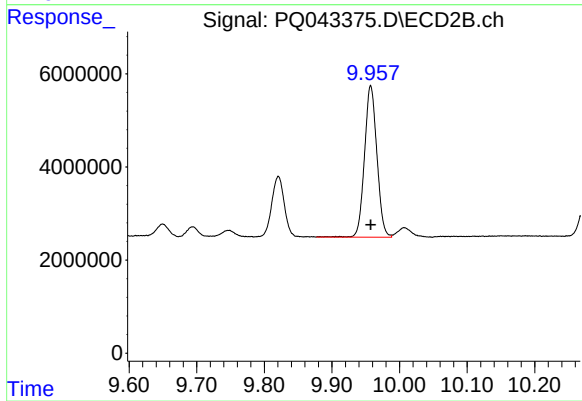
#39 AR-1262-4

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 126093947
Conc: 314.10 ng/ml



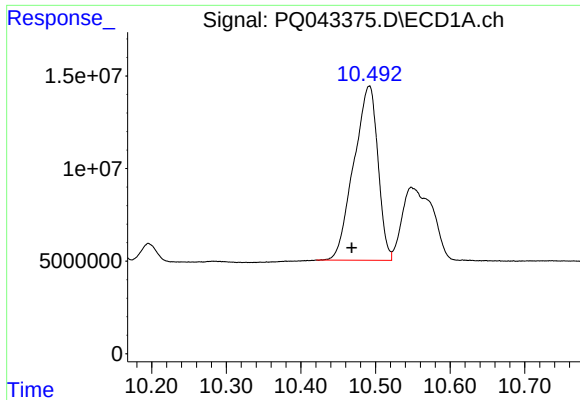
#40 AR-1262-5

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 106893999
Conc: 255.65 ng/ml



#40 AR-1262-5

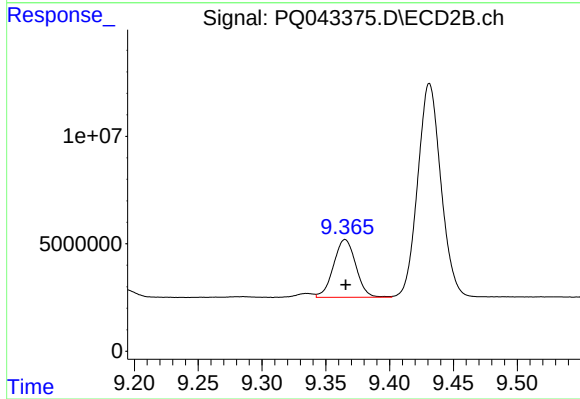
R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 41416489
Conc: 211.91 ng/ml



#41 AR-1268-1

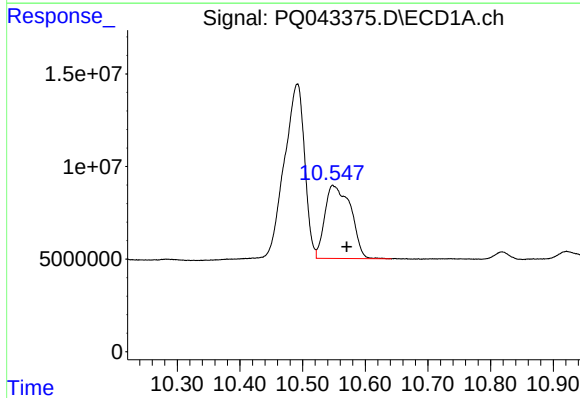
R.T.: 10.492 min
Delta R.T.: 0.023 min
Response: 211267336
Conc: 192.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



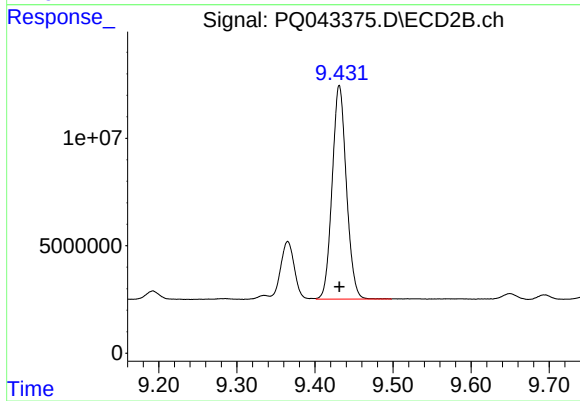
#41 AR-1268-1

R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 32828285
Conc: 58.09 ng/ml



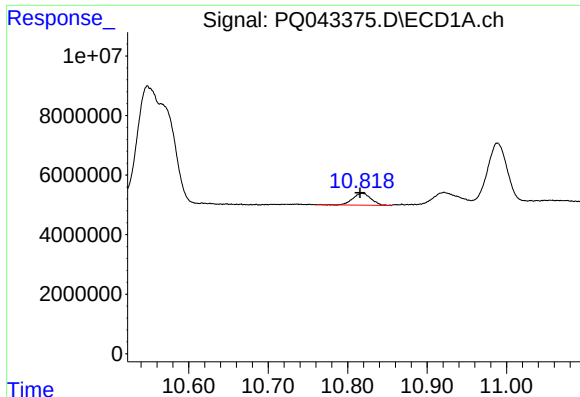
#42 AR-1268-2

R.T.: 10.548 min
Delta R.T.: -0.022 min
Response: 113347668
Conc: 109.76 ng/ml



#42 AR-1268-2

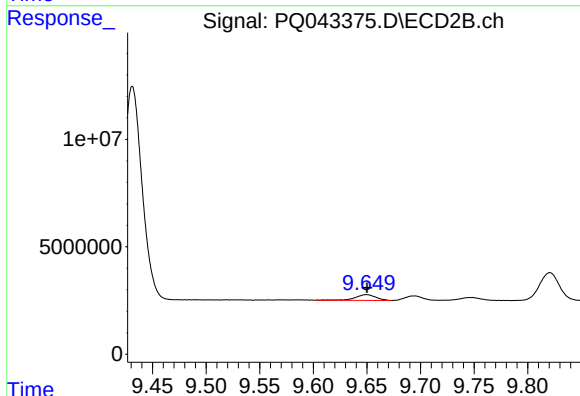
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 126093947
Conc: 242.24 ng/ml



#43 AR-1268-3

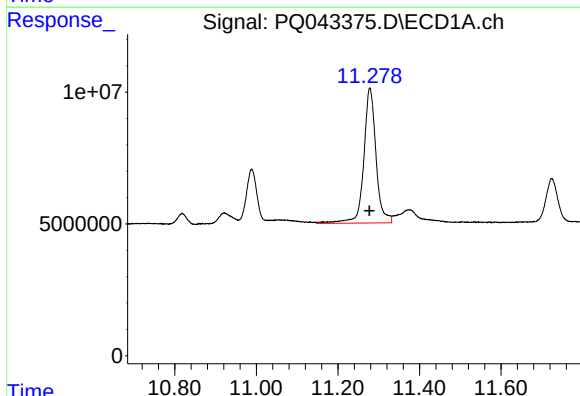
R.T.: 10.818 min
Delta R.T.: 0.003 min
Response: 6346068
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



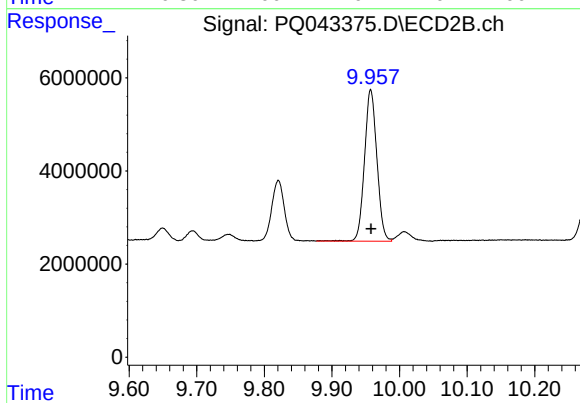
#43 AR-1268-3

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 3532566
Conc: 8.59 ng/ml



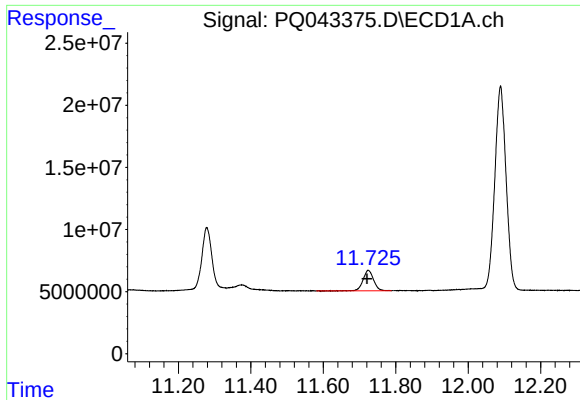
#44 AR-1268-4

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 106893999
Conc: 246.69 ng/ml



#44 AR-1268-4

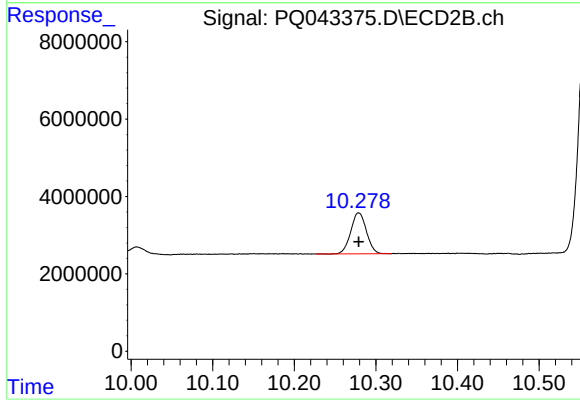
R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 41416489
Conc: 203.57 ng/ml



#45 AR-1268-5

R.T.: 11.724 min
Delta R.T.: 0.003 min
Response: 33412023
Conc: 9.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 14144650
Conc: 8.92 ng/ml