

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 09:27
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660350

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 23:50:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.586	4.727	69759849	50059429	21.295	23.308
2)	SA Decachlor...	11.882	10.442	269.5E6	167.3E6	37.726	40.244
Target Compounds							
3)	L1 AR-1016-1	7.034	6.192	71688924	158.3E6	428.525	1234.082 #
4)	L1 AR-1016-2	7.058	6.192	113.8E6	158.3E6	432.823	820.180 #
5)	L1 AR-1016-3	7.129	6.406	71025329	47658211	416.136	441.896
6)	L1 AR-1016-4	7.244	6.460	50478872	38541566	365.196	452.637
7)	L1 AR-1016-5	7.620	6.712	26129840	58300980	188.358	506.348 #
8)	L2 AR-1221-1	0.000	5.029	0	4931705	N.D.	201.238 #
9)	L2 AR-1221-2	5.980	5.147	7917166	6770286	359.350	415.668
10)	L2 AR-1221-3	6.075	5.250	35519173	27349882	402.070	449.784
11)	L3 AR-1232-1	6.075	5.250	35519173	27349882	548.407	596.856
12)	L3 AR-1232-2	6.718	6.192	53667804	158.3E6	1353.620	2639.015 #
13)	L3 AR-1232-3	7.058	6.406	113.8E6	47658211	1408.078	1355.165
14)	L3 AR-1232-4	7.244	6.508	50478872	47513398	1207.675	1607.993 #
15)	L3 AR-1232-5	7.397	6.712	51035019	58300980	1610.319	1936.628
16)	L4 AR-1242-1	7.034	6.192	71688924	158.3E6	739.397	2140.763 #
17)	L4 AR-1242-2	7.058	6.192	113.8E6	158.3E6	787.374	1487.000 #
18)	L4 AR-1242-3	7.129	6.406	71025329	47658211	762.970	790.032
19)	L4 AR-1242-4	7.244	6.508	50478872	47513398	671.167	797.199
20)	L4 AR-1242-5	8.063	7.119	21248056	57387357	245.094	712.104 #
21)	L5 AR-1248-1	7.058	6.192	113.8E6	158.3E6	1470.108	2747.242 #
22)	L5 AR-1248-2	7.397	6.460	51035019	38541566	453.113	438.373
23)	L5 AR-1248-3	7.620	6.544	26129840	15868531	189.310	175.375
24)	L5 AR-1248-4	8.063	6.712	21248056	58300980	140.744	527.948 #
25)	L5 AR-1248-5	8.063	7.200	21248056	3062116	141.128	26.971 #
26)	L6 AR-1254-1	8.021	7.119	22299462	57387357	127.868	299.617 #
27)	L6 AR-1254-2	8.277	7.287	3778699	41585978	13.664	239.371 #
28)	L6 AR-1254-3	8.623	7.747	26502488	80690528	89.299	279.223 #
29)	L6 AR-1254-4	8.923	8.013	18408980	26459483	88.578	148.193 #
30)	L6 AR-1254-5	9.362	8.463	226.2E6	133.8E6	785.563	519.391 #
31)	L7 AR-1260-1	8.793	7.872	140.3E6	122.6E6	421.968	447.142
32)	L7 AR-1260-2	9.112	8.078	52017176	155.2E6	128.766	448.677 #
33)	L7 AR-1260-3	9.495	8.240	76586924	141.9E6	232.160	442.473 #
34)	L7 AR-1260-4	9.675	8.736	144.5E6	119.7E6	392.144	440.525
35)	L7 AR-1260-5	10.066	8.991	30683422	297.3E6	39.845	442.221 #
36)	L8 AR-1262-1	9.495	8.520	76586924	65512634	550.931	576.966
37)	L8 AR-1262-2	10.066	8.991	30683422	297.3E6	53.017	599.129 #
38)	L8 AR-1262-3	10.361	9.280	124.8E6	63169816	295.106	300.449
39)	L8 AR-1262-4	10.416	9.349	145.6E6	215.5E6	385.486	569.158 #
40)	L8 AR-1262-5	11.118	9.870	105.0E6	71338279	446.978	440.002
41)	L9 AR-1268-1	10.361	9.280	124.8E6	63169816	207.139	138.428 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 09:27
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

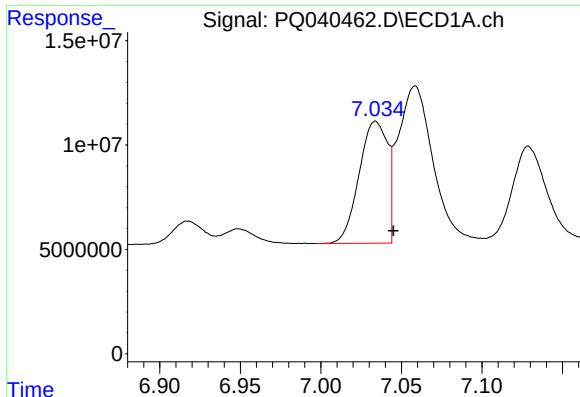
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660350

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 23:50:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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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	10.416	9.349	145.6E6	215.5E6	236.620	492.921 #
43) L9	AR-1268-3	10.665	9.556	1363642	2671705	2.510	7.117 #
44) L9	AR-1268-4	11.118	9.870	105.0E6	71338279	514.905	517.753
45) L9	AR-1268-5	11.542	10.177	30190542	18960138	16.338	16.065

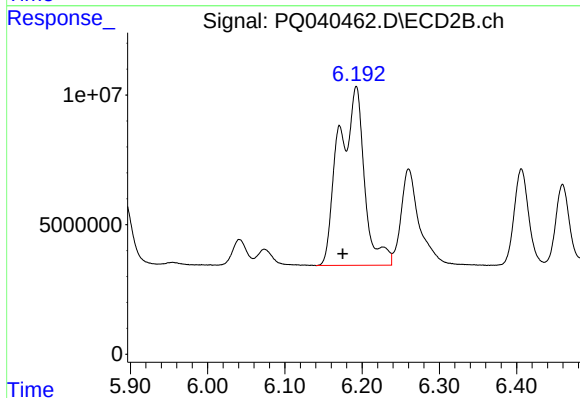
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

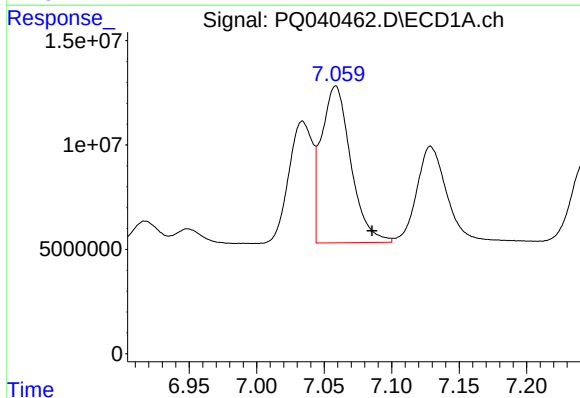
R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 71688924
Conc: 428.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



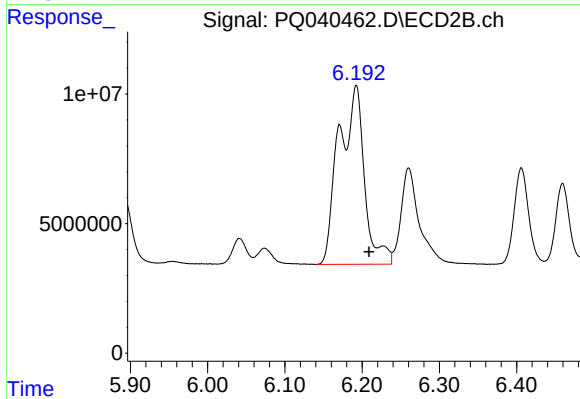
#3 AR-1016-1

R.T.: 6.192 min
Delta R.T.: 0.017 min
Response: 158305262
Conc: 1234.08 ng/ml



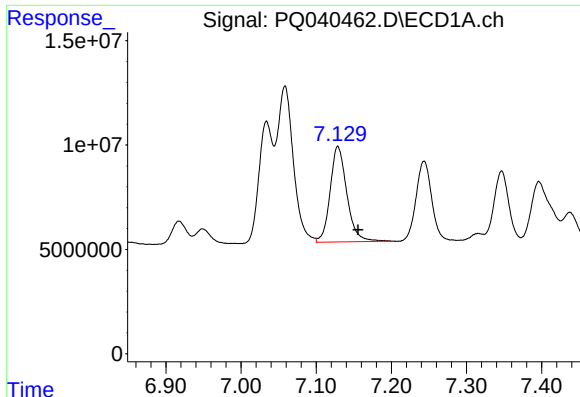
#4 AR-1016-2

R.T.: 7.058 min
Delta R.T.: -0.027 min
Response: 113789892
Conc: 432.82 ng/ml



#4 AR-1016-2

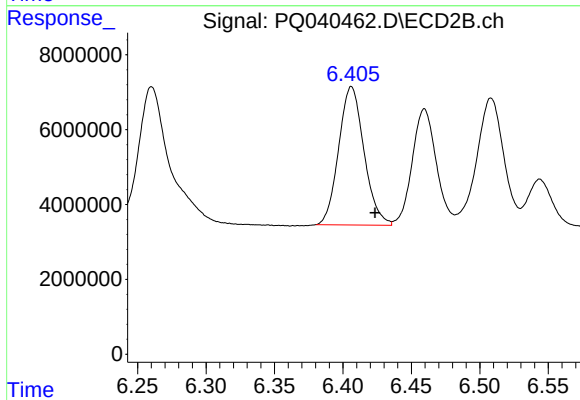
R.T.: 6.192 min
Delta R.T.: -0.017 min
Response: 158305262
Conc: 820.18 ng/ml



#5 AR-1016-3

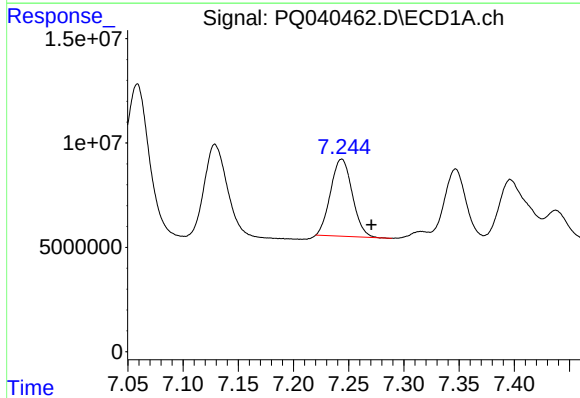
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 71025329
Conc: 416.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



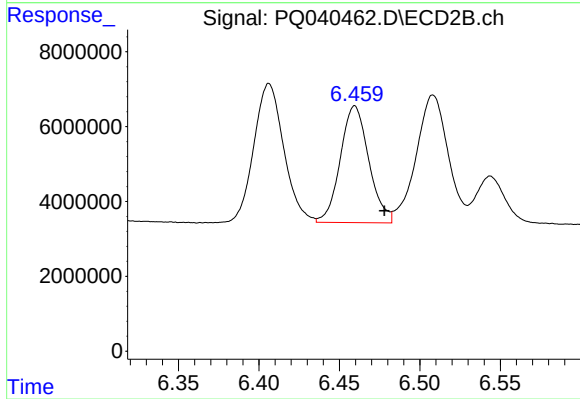
#5 AR-1016-3

R.T.: 6.406 min
Delta R.T.: -0.017 min
Response: 47658211
Conc: 441.90 ng/ml



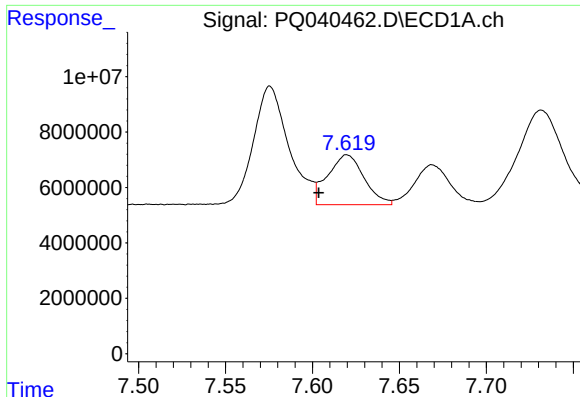
#6 AR-1016-4

R.T.: 7.244 min
Delta R.T.: -0.027 min
Response: 50478872
Conc: 365.20 ng/ml



#6 AR-1016-4

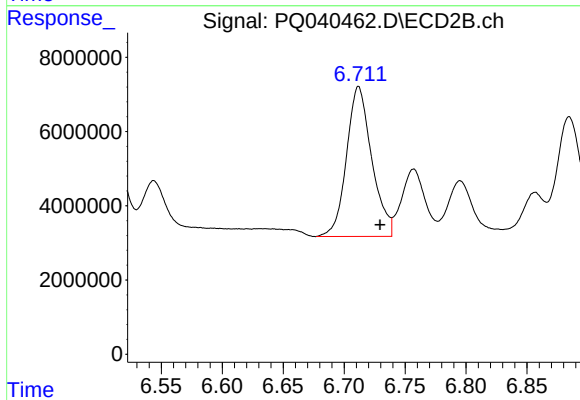
R.T.: 6.460 min
Delta R.T.: -0.018 min
Response: 38541566
Conc: 452.64 ng/ml



#7 AR-1016-5

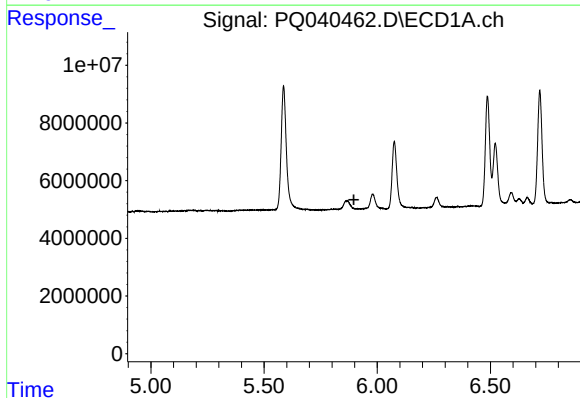
R.T.: 7.620 min
Delta R.T.: 0.016 min
Response: 26129840
Conc: 188.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



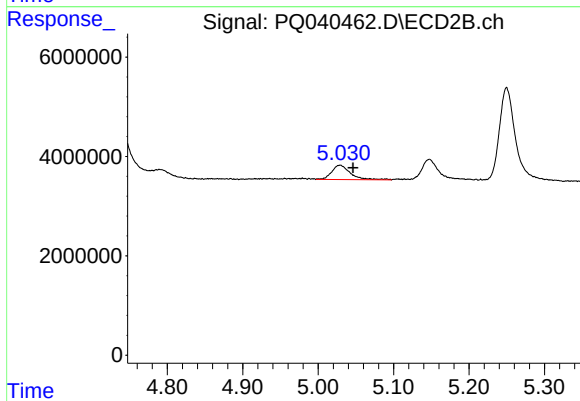
#7 AR-1016-5

R.T.: 6.712 min
Delta R.T.: -0.018 min
Response: 58300980
Conc: 506.35 ng/ml



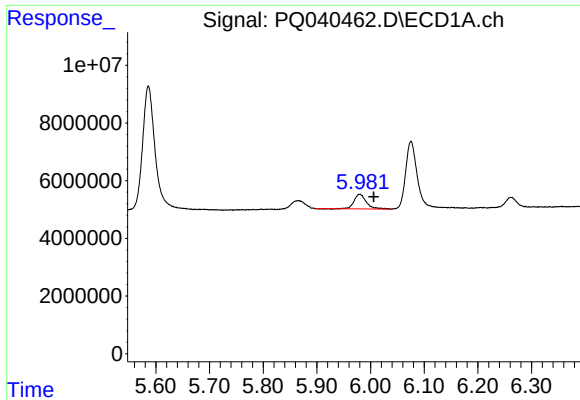
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

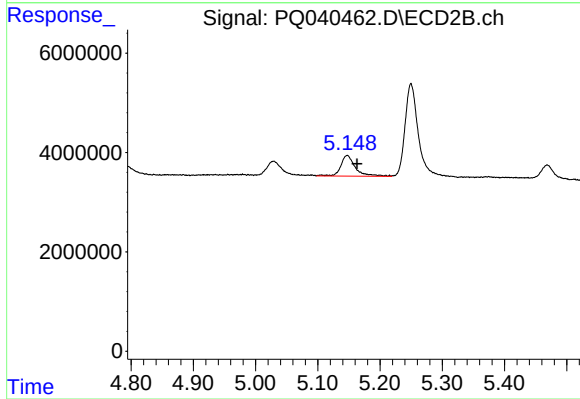
R.T.: 5.029 min
Delta R.T.: -0.017 min
Response: 4931705
Conc: 201.24 ng/ml



#9 AR-1221-2

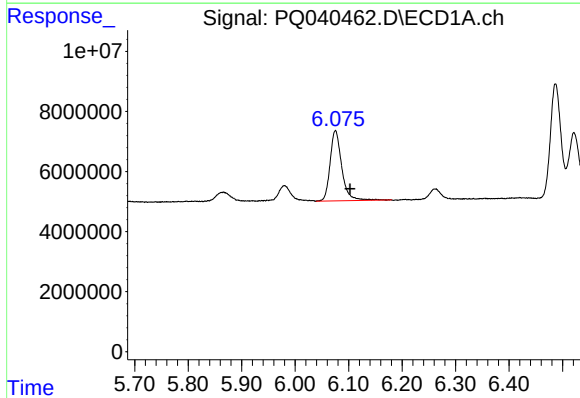
R.T.: 5.980 min
Delta R.T.: -0.026 min
Response: 7917166
Conc: 359.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



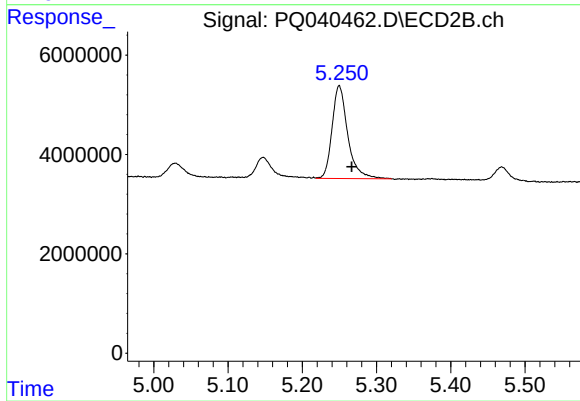
#9 AR-1221-2

R.T.: 5.147 min
Delta R.T.: -0.016 min
Response: 6770286
Conc: 415.67 ng/ml



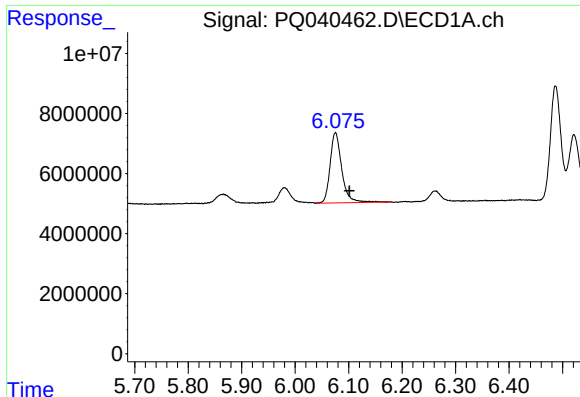
#10 AR-1221-3

R.T.: 6.075 min
Delta R.T.: -0.028 min
Response: 35519173
Conc: 402.07 ng/ml



#10 AR-1221-3

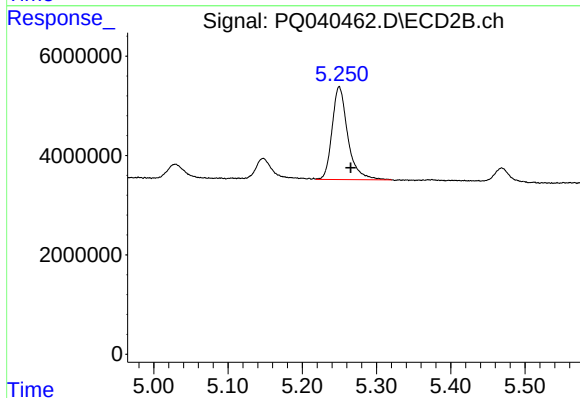
R.T.: 5.250 min
Delta R.T.: -0.017 min
Response: 27349882
Conc: 449.78 ng/ml



#11 AR-1232-1

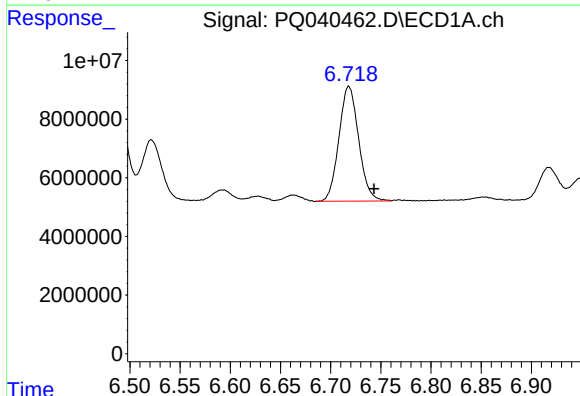
R.T.: 6.075 min
Delta R.T.: -0.026 min
Response: 35519173
Conc: 548.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



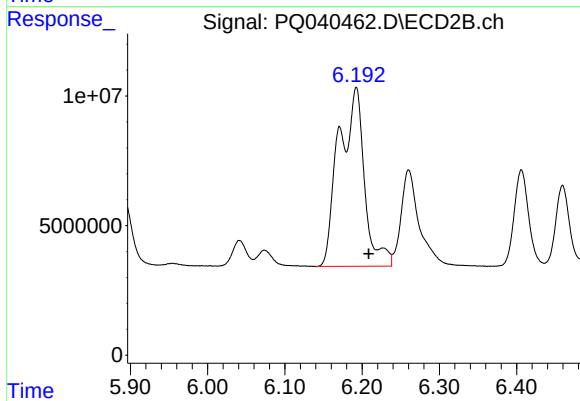
#11 AR-1232-1

R.T.: 5.250 min
Delta R.T.: -0.015 min
Response: 27349882
Conc: 596.86 ng/ml



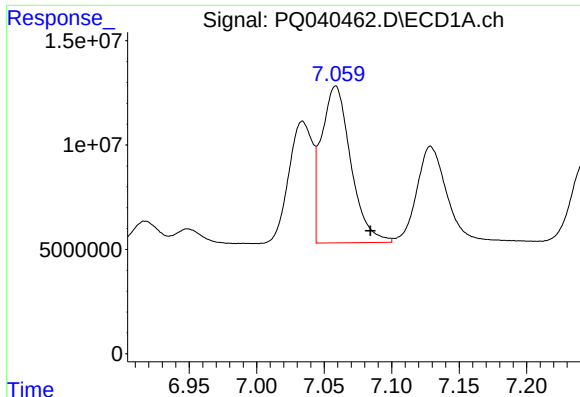
#12 AR-1232-2

R.T.: 6.718 min
Delta R.T.: -0.025 min
Response: 53667804
Conc: 1353.62 ng/ml



#12 AR-1232-2

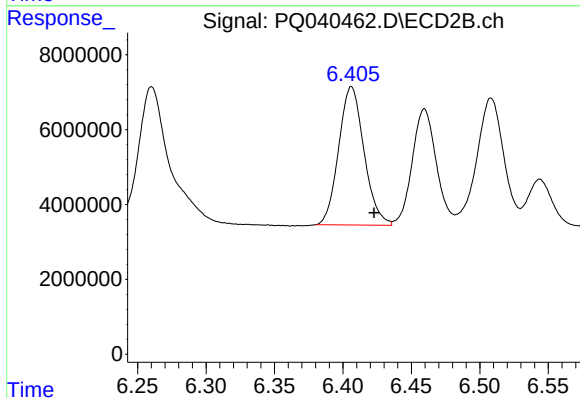
R.T.: 6.192 min
Delta R.T.: -0.016 min
Response: 158305262
Conc: 2639.01 ng/ml



#13 AR-1232-3

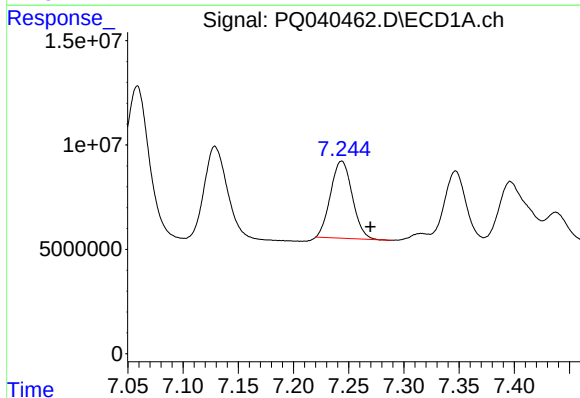
R.T.: 7.058 min
Delta R.T.: -0.026 min
Response: 113789892
Conc: 1408.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



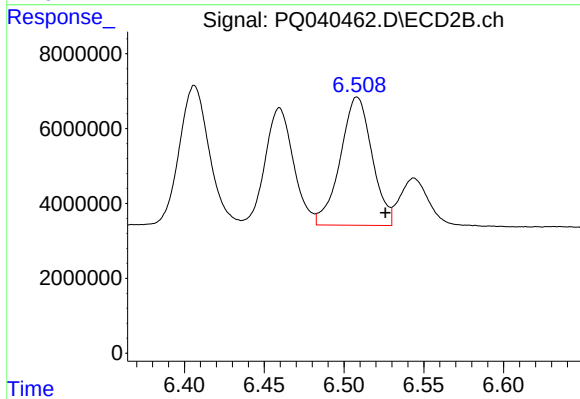
#13 AR-1232-3

R.T.: 6.406 min
Delta R.T.: -0.017 min
Response: 47658211
Conc: 1355.17 ng/ml



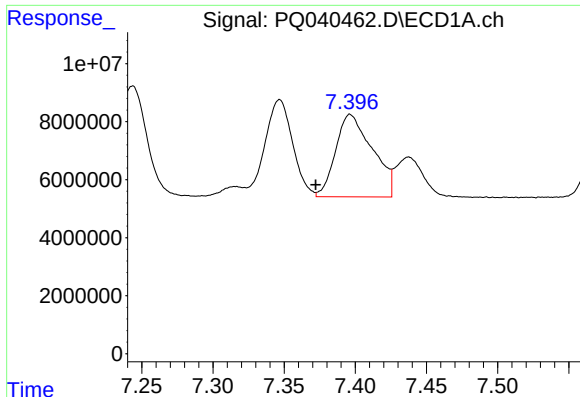
#14 AR-1232-4

R.T.: 7.244 min
Delta R.T.: -0.026 min
Response: 50478872
Conc: 1207.67 ng/ml



#14 AR-1232-4

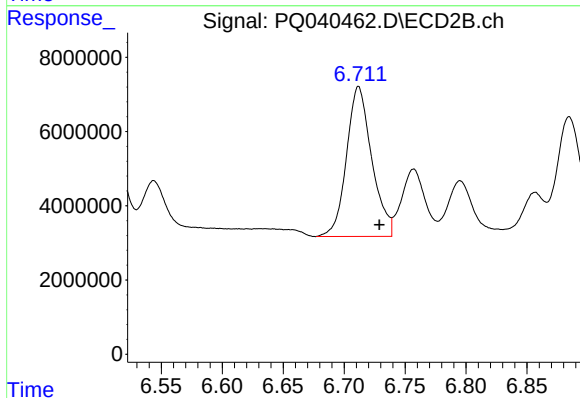
R.T.: 6.508 min
Delta R.T.: -0.018 min
Response: 47513398
Conc: 1607.99 ng/ml



#15 AR-1232-5

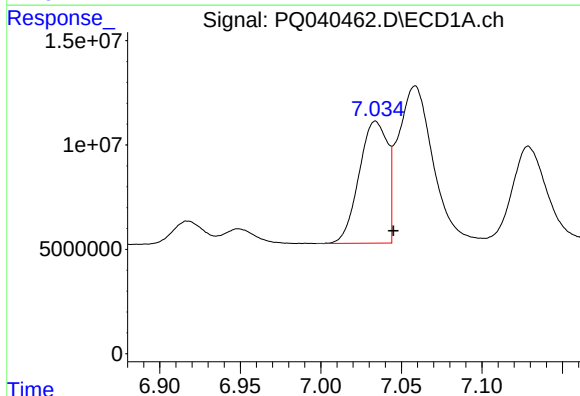
R.T.: 7.397 min
Delta R.T.: 0.024 min
Response: 51035019
Conc: 1610.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



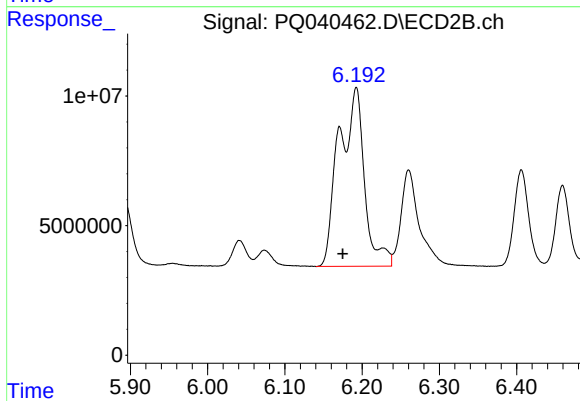
#15 AR-1232-5

R.T.: 6.712 min
Delta R.T.: -0.017 min
Response: 58300980
Conc: 1936.63 ng/ml



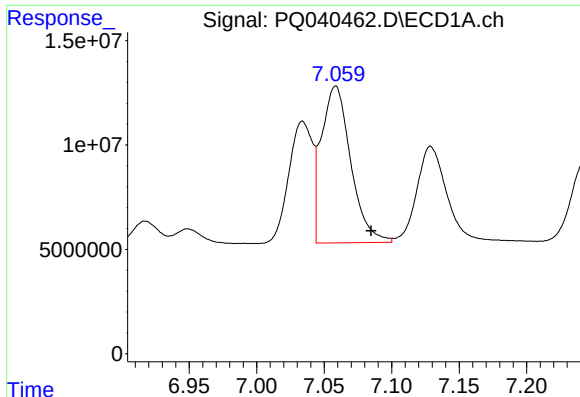
#16 AR-1242-1

R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 71688924
Conc: 739.40 ng/ml



#16 AR-1242-1

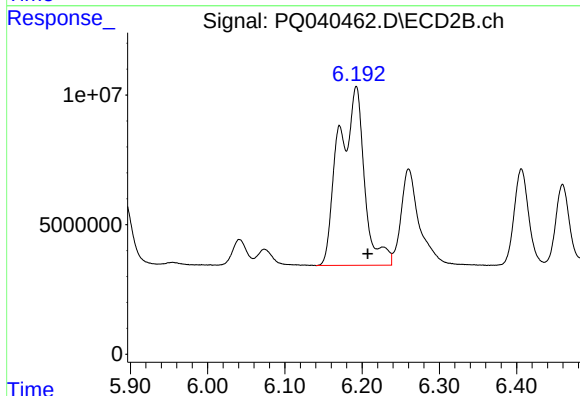
R.T.: 6.192 min
Delta R.T.: 0.017 min
Response: 158305262
Conc: 2140.76 ng/ml



#17 AR-1242-2

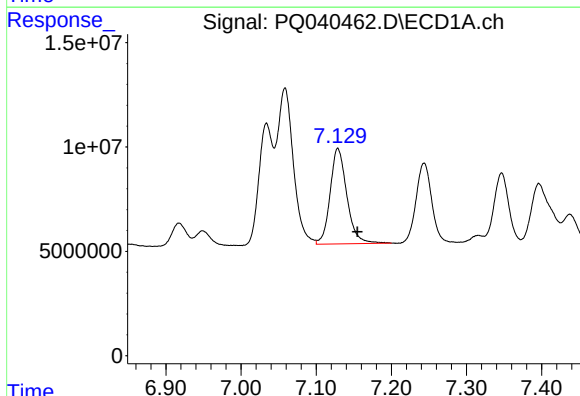
R.T.: 7.058 min
Delta R.T.: -0.026 min
Response: 113789892
Conc: 787.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



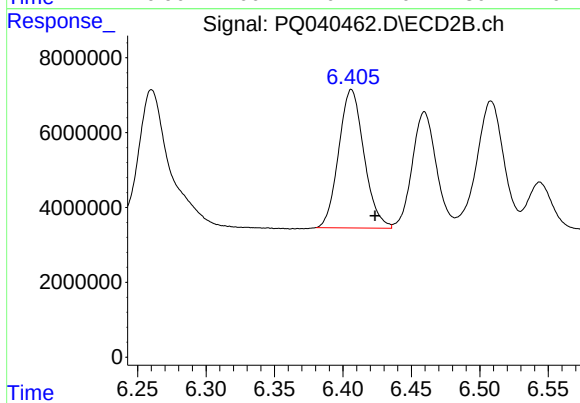
#17 AR-1242-2

R.T.: 6.192 min
Delta R.T.: -0.015 min
Response: 158305262
Conc: 1487.00 ng/ml



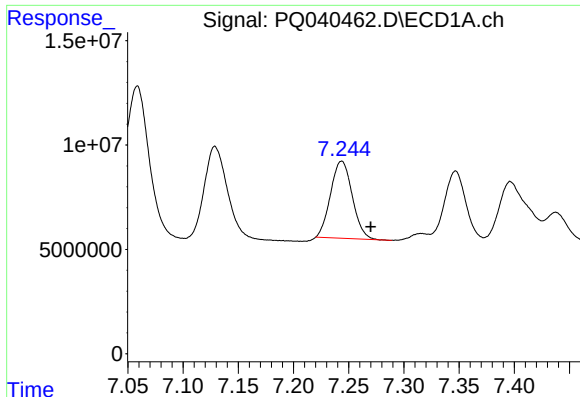
#18 AR-1242-3

R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 71025329
Conc: 762.97 ng/ml



#18 AR-1242-3

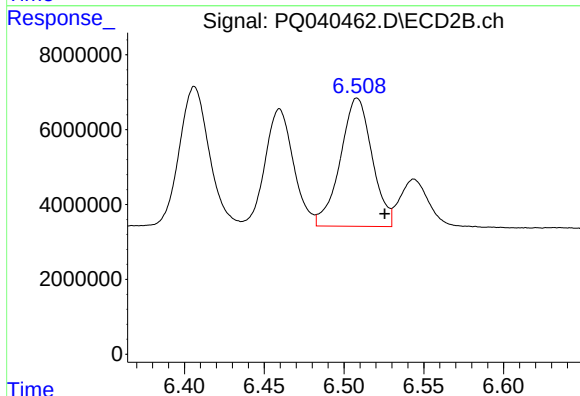
R.T.: 6.406 min
Delta R.T.: -0.017 min
Response: 47658211
Conc: 790.03 ng/ml



#19 AR-1242-4

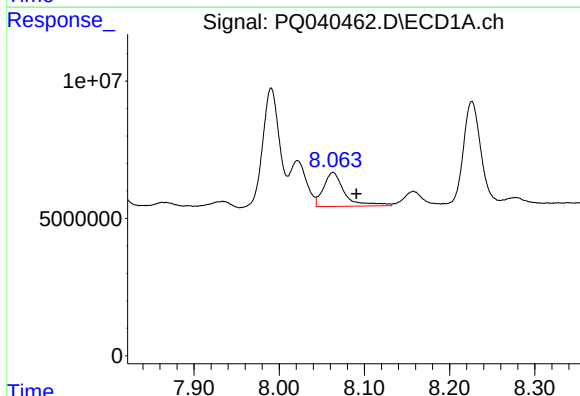
R.T.: 7.244 min
Delta R.T.: -0.026 min
Response: 50478872
Conc: 671.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



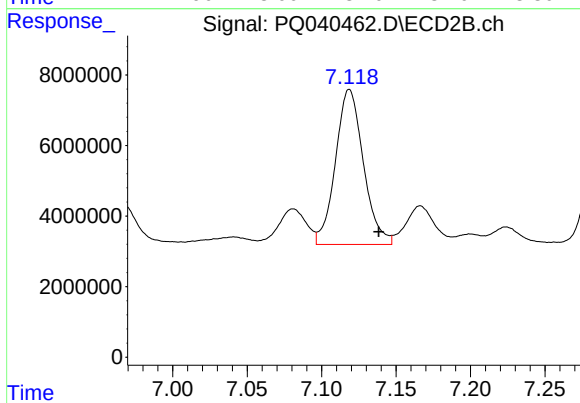
#19 AR-1242-4

R.T.: 6.508 min
Delta R.T.: -0.017 min
Response: 47513398
Conc: 797.20 ng/ml



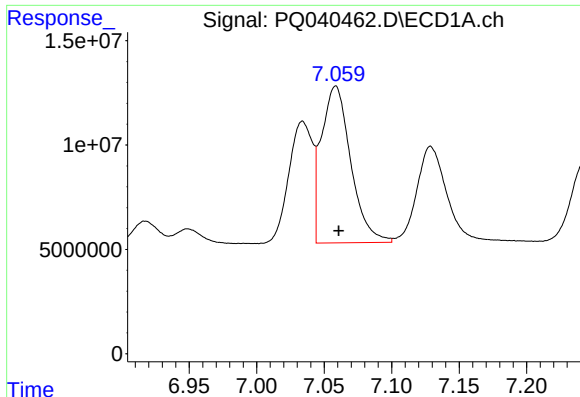
#20 AR-1242-5

R.T.: 8.063 min
Delta R.T.: -0.027 min
Response: 21248056
Conc: 245.09 ng/ml



#20 AR-1242-5

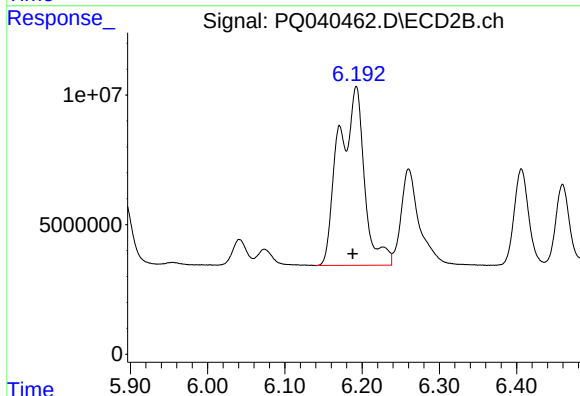
R.T.: 7.119 min
Delta R.T.: -0.020 min
Response: 57387357
Conc: 712.10 ng/ml



#21 AR-1248-1

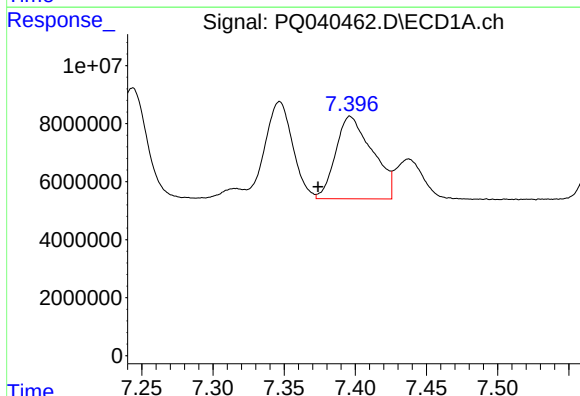
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 113789892
Conc: 1470.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



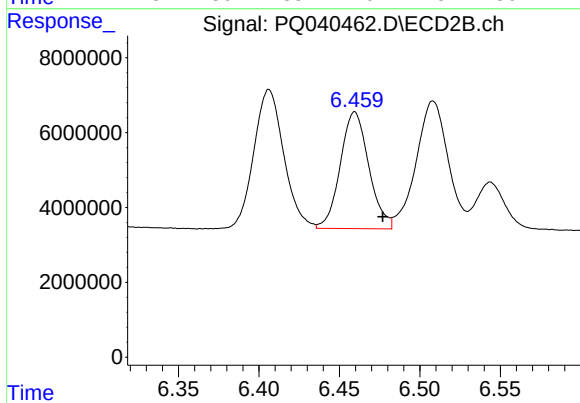
#21 AR-1248-1

R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 158305262
Conc: 2747.24 ng/ml



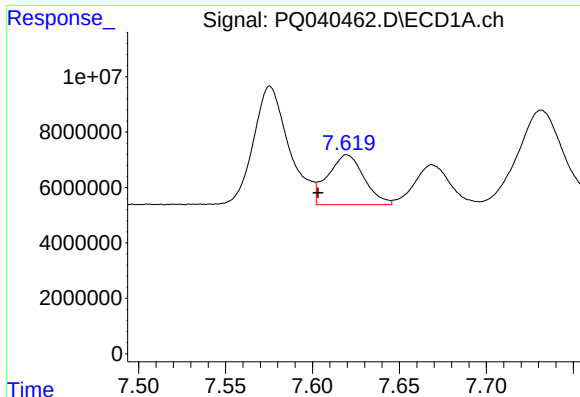
#22 AR-1248-2

R.T.: 7.397 min
Delta R.T.: 0.023 min
Response: 51035019
Conc: 453.11 ng/ml



#22 AR-1248-2

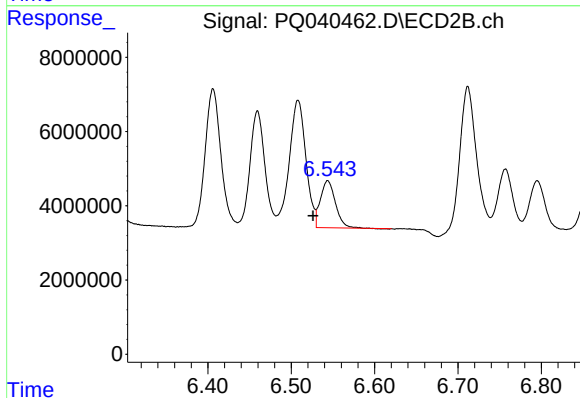
R.T.: 6.460 min
Delta R.T.: -0.017 min
Response: 38541566
Conc: 438.37 ng/ml



#23 AR-1248-3

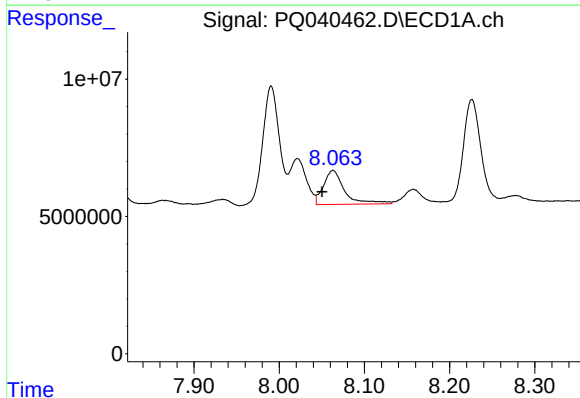
R.T.: 7.620 min
Delta R.T.: 0.017 min
Response: 26129840
Conc: 189.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



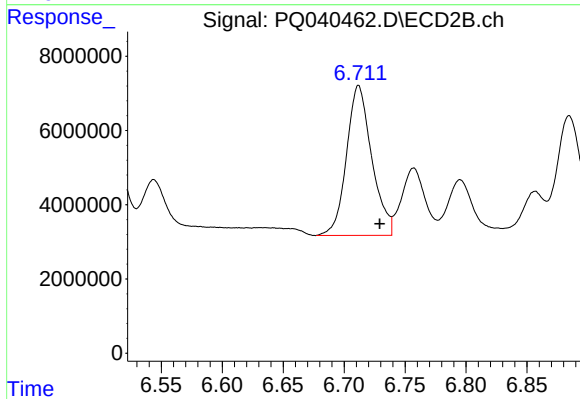
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: 0.018 min
Response: 15868531
Conc: 175.37 ng/ml



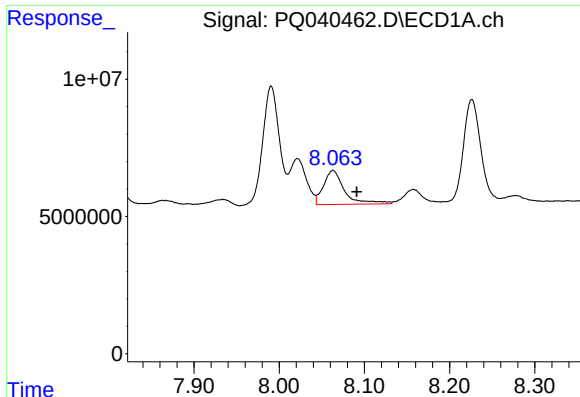
#24 AR-1248-4

R.T.: 8.063 min
Delta R.T.: 0.013 min
Response: 21248056
Conc: 140.74 ng/ml



#24 AR-1248-4

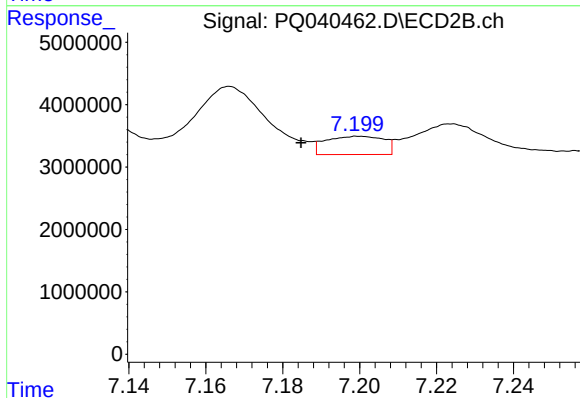
R.T.: 6.712 min
Delta R.T.: -0.017 min
Response: 58300980
Conc: 527.95 ng/ml



#25 AR-1248-5

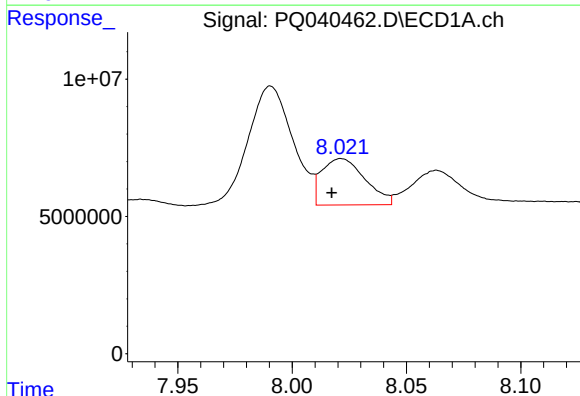
R.T.: 8.063 min
Delta R.T.: -0.028 min
Response: 21248056
Conc: 141.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



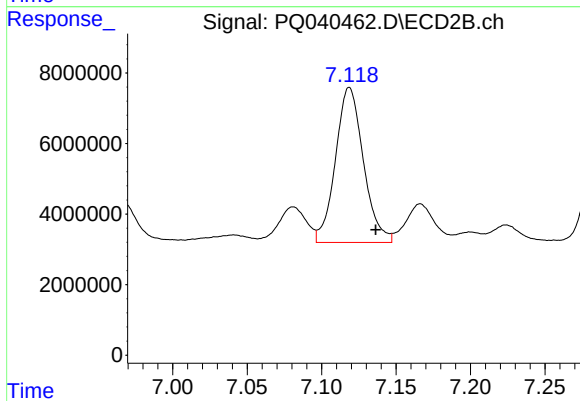
#25 AR-1248-5

R.T.: 7.200 min
Delta R.T.: 0.015 min
Response: 3062116
Conc: 26.97 ng/ml



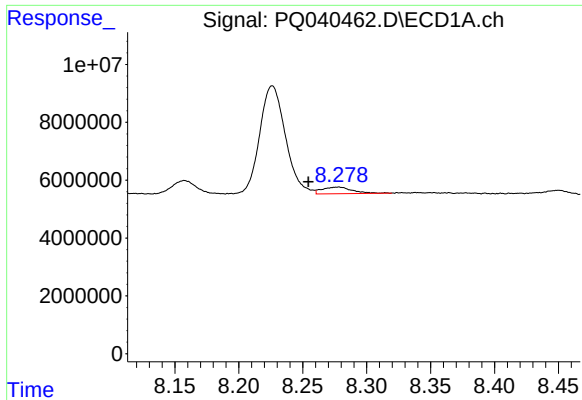
#26 AR-1254-1

R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 22299462
Conc: 127.87 ng/ml



#26 AR-1254-1

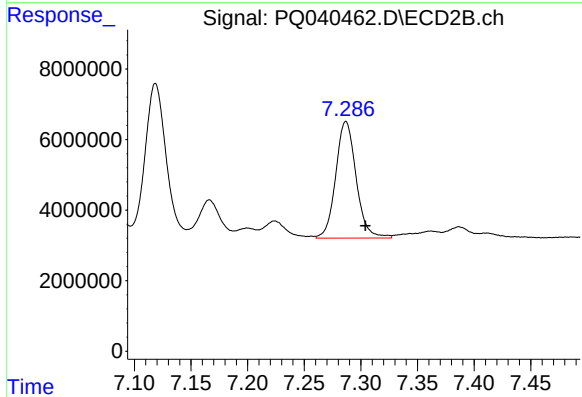
R.T.: 7.119 min
Delta R.T.: -0.018 min
Response: 57387357
Conc: 299.62 ng/ml



#27 AR-1254-2

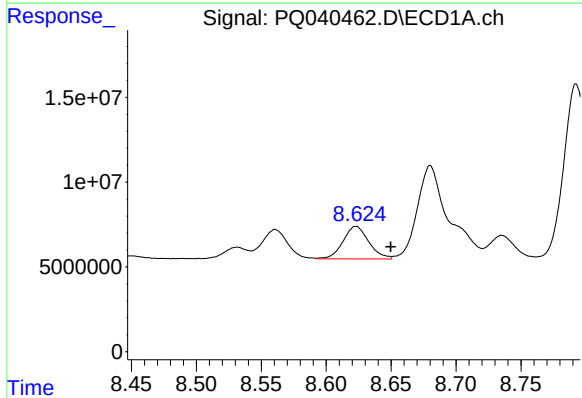
R.T.: 8.277 min
Delta R.T.: 0.023 min
Response: 3778699
Conc: 13.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



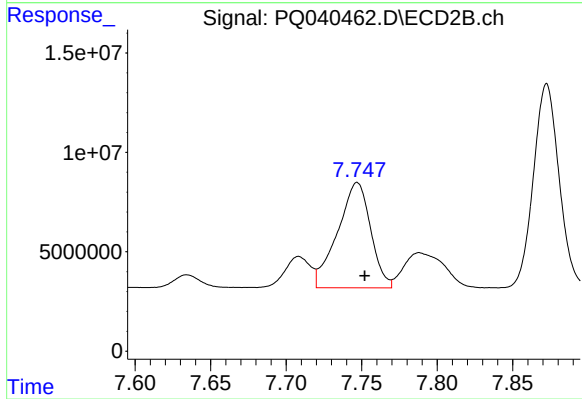
#27 AR-1254-2

R.T.: 7.287 min
Delta R.T.: -0.017 min
Response: 41585978
Conc: 239.37 ng/ml



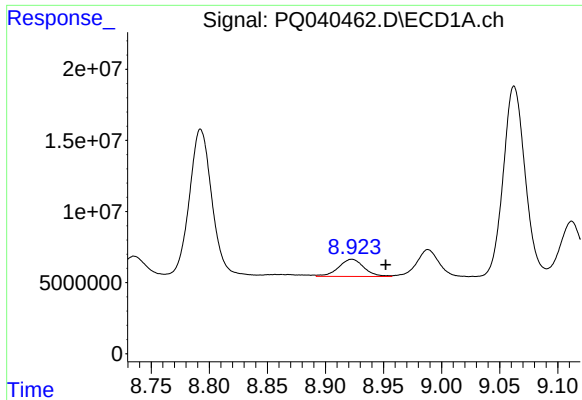
#28 AR-1254-3

R.T.: 8.623 min
Delta R.T.: -0.027 min
Response: 26502488
Conc: 89.30 ng/ml



#28 AR-1254-3

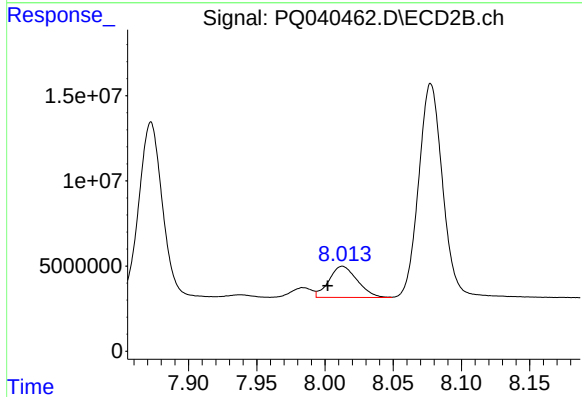
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 80690528
Conc: 279.22 ng/ml



#29 AR-1254-4

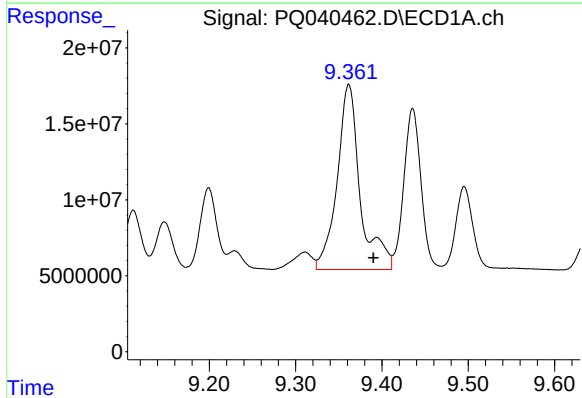
R.T.: 8.923 min
Delta R.T.: -0.029 min
Response: 18408980
Conc: 88.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



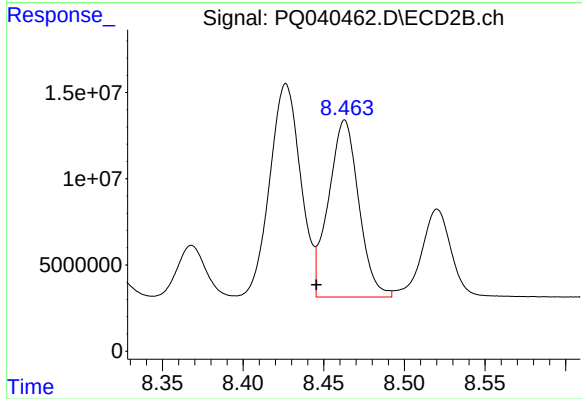
#29 AR-1254-4

R.T.: 8.013 min
Delta R.T.: 0.011 min
Response: 26459483
Conc: 148.19 ng/ml



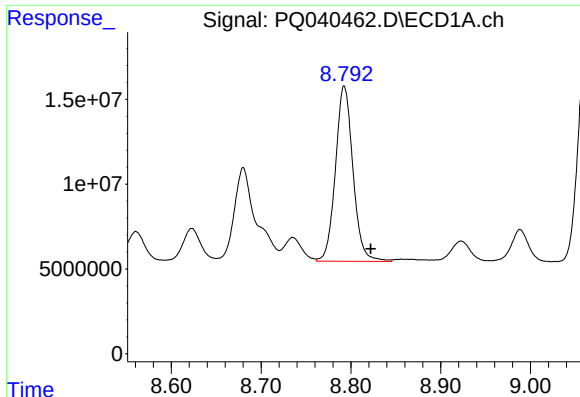
#30 AR-1254-5

R.T.: 9.362 min
Delta R.T.: -0.029 min
Response: 226237064
Conc: 785.56 ng/ml



#30 AR-1254-5

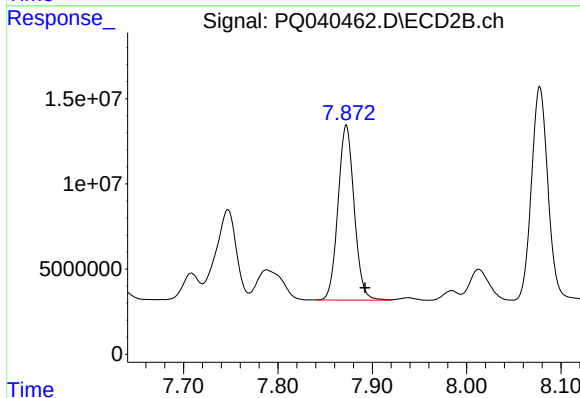
R.T.: 8.463 min
Delta R.T.: 0.017 min
Response: 133810735
Conc: 519.39 ng/ml



#31 AR-1260-1

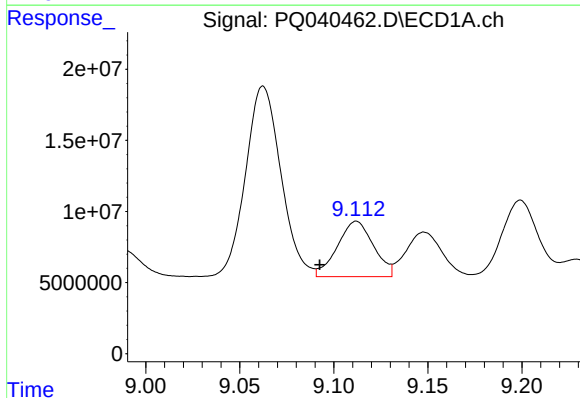
R.T.: 8.793 min
Delta R.T.: -0.030 min
Response: 140265920
Conc: 421.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



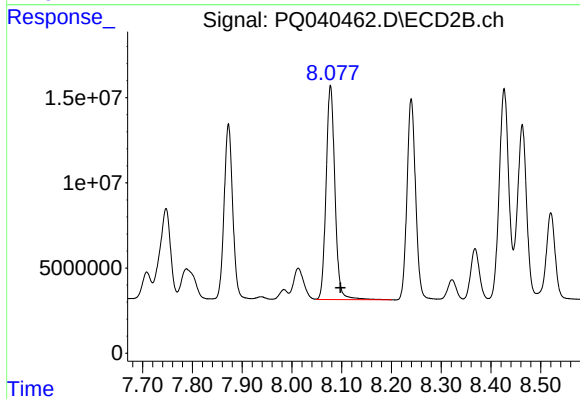
#31 AR-1260-1

R.T.: 7.872 min
Delta R.T.: -0.020 min
Response: 122578550
Conc: 447.14 ng/ml



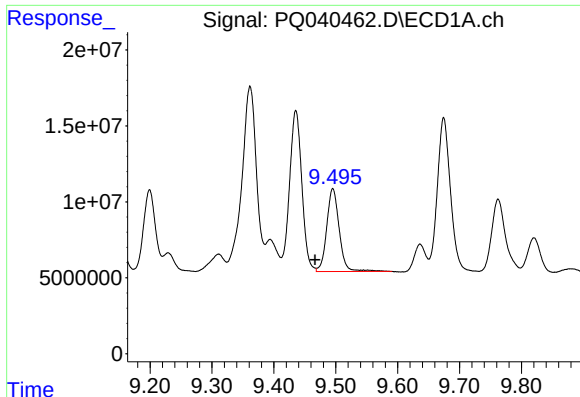
#32 AR-1260-2

R.T.: 9.112 min
Delta R.T.: 0.019 min
Response: 52017176
Conc: 128.77 ng/ml



#32 AR-1260-2

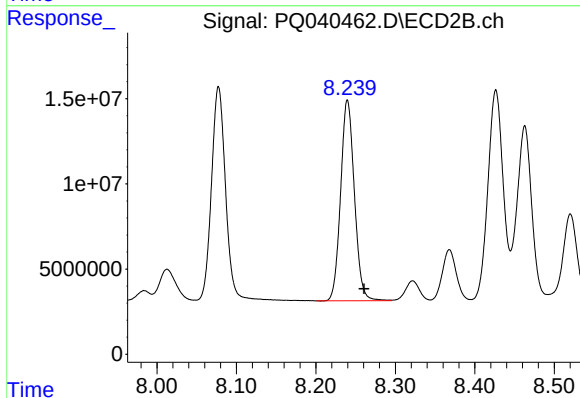
R.T.: 8.078 min
Delta R.T.: -0.020 min
Response: 155204700
Conc: 448.68 ng/ml



#33 AR-1260-3

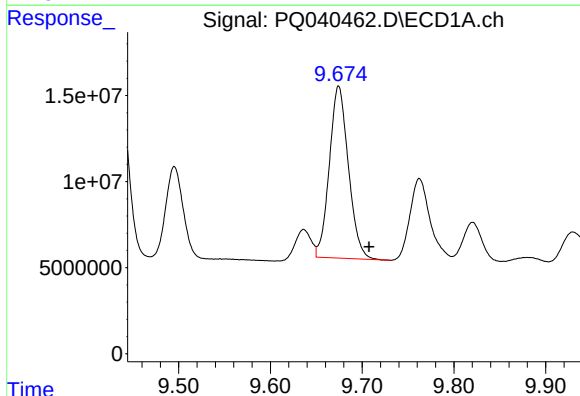
R.T.: 9.495 min
Delta R.T.: 0.029 min
Response: 76586924
Conc: 232.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



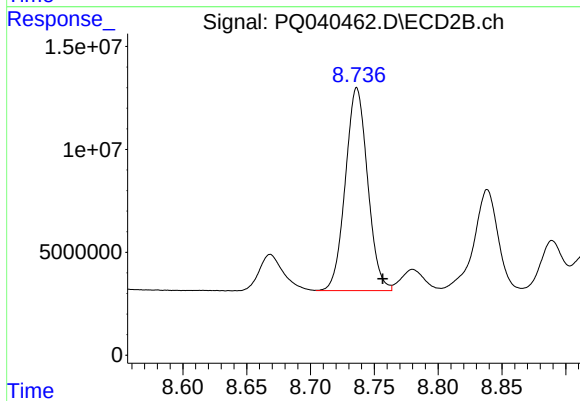
#33 AR-1260-3

R.T.: 8.240 min
Delta R.T.: -0.021 min
Response: 141903040
Conc: 442.47 ng/ml



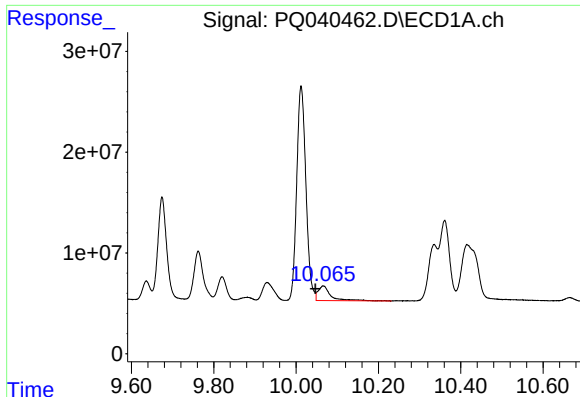
#34 AR-1260-4

R.T.: 9.675 min
Delta R.T.: -0.033 min
Response: 144518048
Conc: 392.14 ng/ml



#34 AR-1260-4

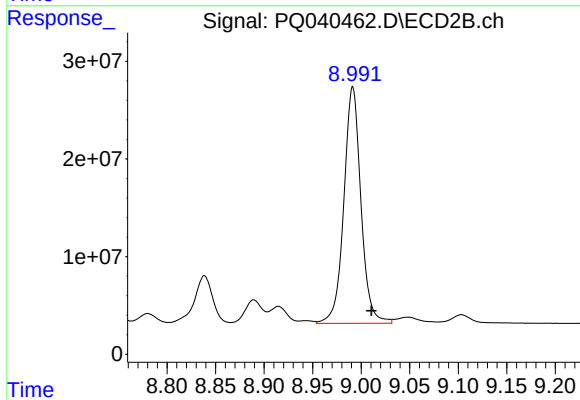
R.T.: 8.736 min
Delta R.T.: -0.020 min
Response: 119699246
Conc: 440.52 ng/ml



#35 AR-1260-5

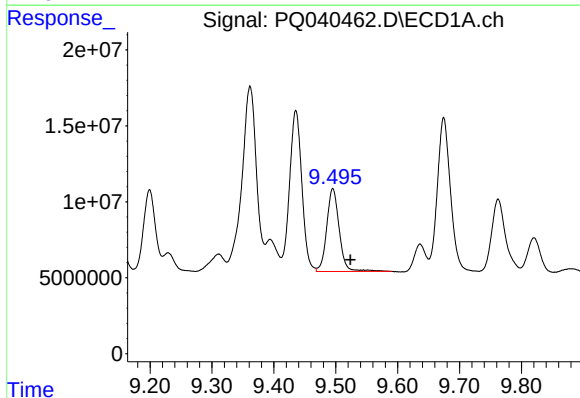
R.T.: 10.066 min
Delta R.T.: 0.019 min
Response: 30683422
Conc: 39.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



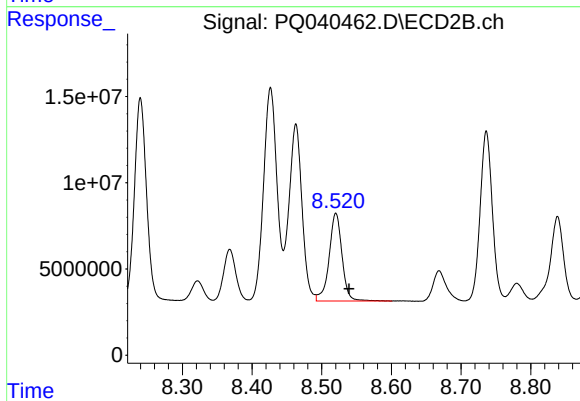
#35 AR-1260-5

R.T.: 8.991 min
Delta R.T.: -0.019 min
Response: 297252006
Conc: 442.22 ng/ml



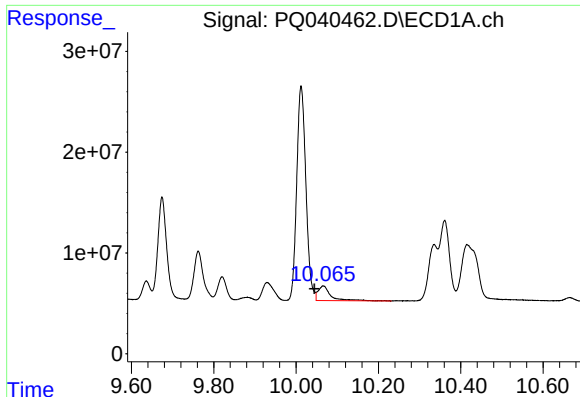
#36 AR-1262-1

R.T.: 9.495 min
Delta R.T.: -0.028 min
Response: 76586924
Conc: 550.93 ng/ml



#36 AR-1262-1

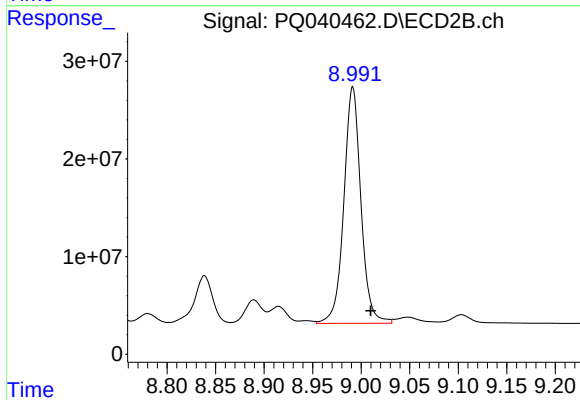
R.T.: 8.520 min
Delta R.T.: -0.019 min
Response: 65512634
Conc: 576.97 ng/ml



#37 AR-1262-2

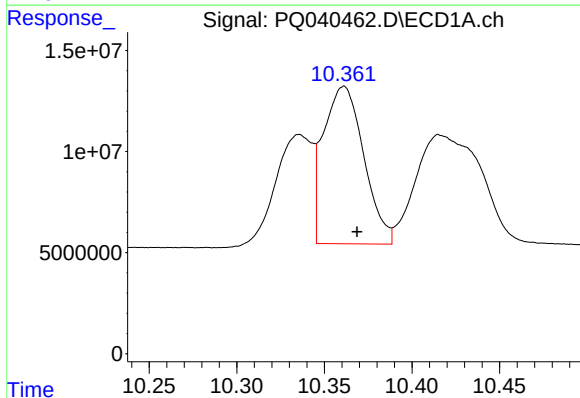
R.T.: 10.066 min
Delta R.T.: 0.022 min
Response: 30683422
Conc: 53.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



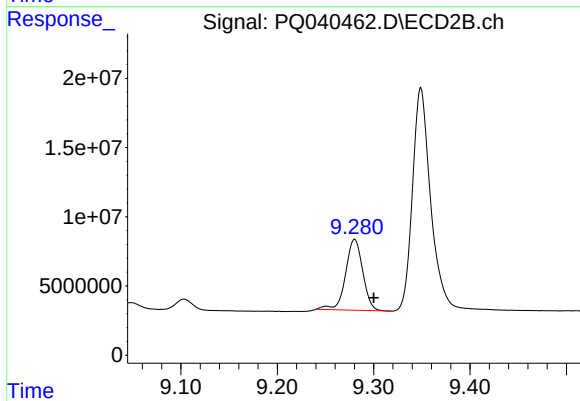
#37 AR-1262-2

R.T.: 8.991 min
Delta R.T.: -0.018 min
Response: 297252006
Conc: 599.13 ng/ml



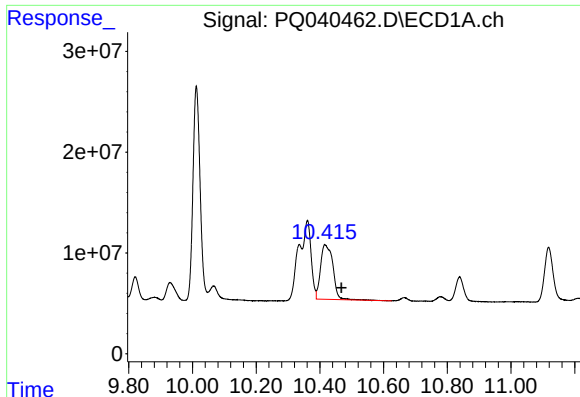
#38 AR-1262-3

R.T.: 10.361 min
Delta R.T.: -0.008 min
Response: 124775434
Conc: 295.11 ng/ml



#38 AR-1262-3

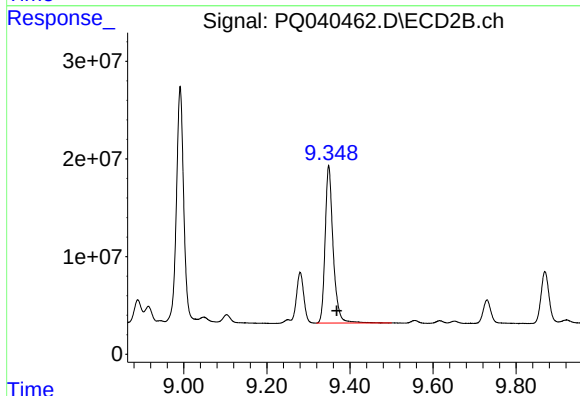
R.T.: 9.280 min
Delta R.T.: -0.020 min
Response: 63169816
Conc: 300.45 ng/ml



#39 AR-1262-4

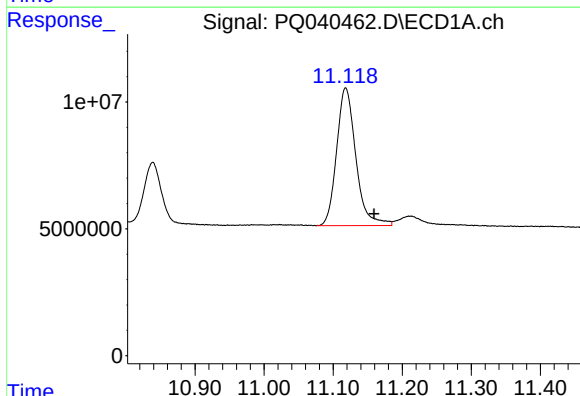
R.T.: 10.416 min
Delta R.T.: -0.051 min
Response: 145596485
Conc: 385.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



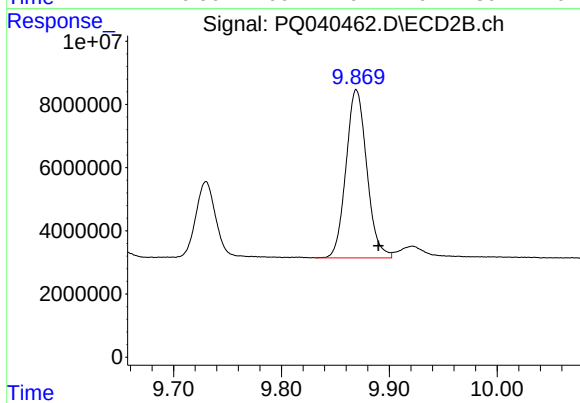
#39 AR-1262-4

R.T.: 9.349 min
Delta R.T.: -0.019 min
Response: 215497799
Conc: 569.16 ng/ml



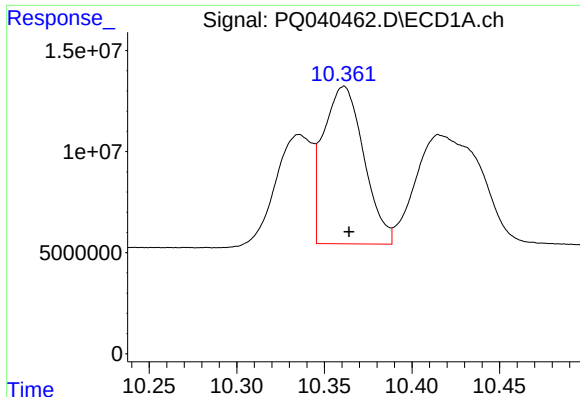
#40 AR-1262-5

R.T.: 11.118 min
Delta R.T.: -0.041 min
Response: 105021758
Conc: 446.98 ng/ml



#40 AR-1262-5

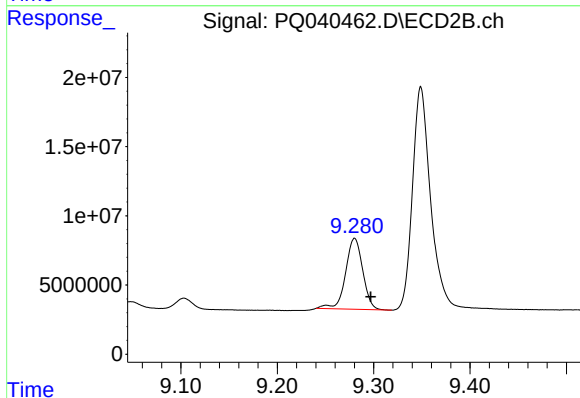
R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 71338279
Conc: 440.00 ng/ml



#41 AR-1268-1

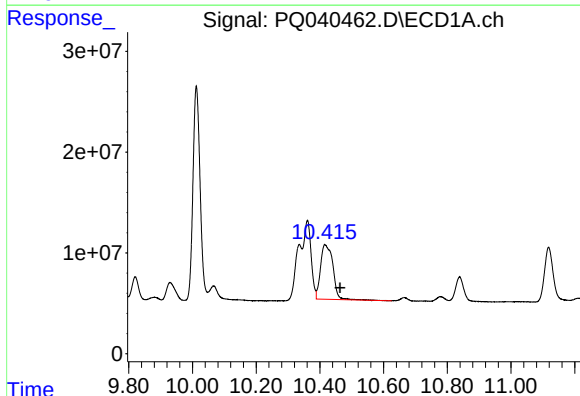
R.T.: 10.361 min
Delta R.T.: -0.003 min
Response: 124775434
Conc: 207.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



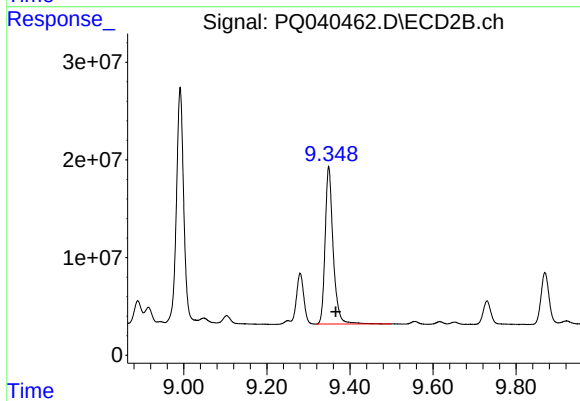
#41 AR-1268-1

R.T.: 9.280 min
Delta R.T.: -0.017 min
Response: 63169816
Conc: 138.43 ng/ml



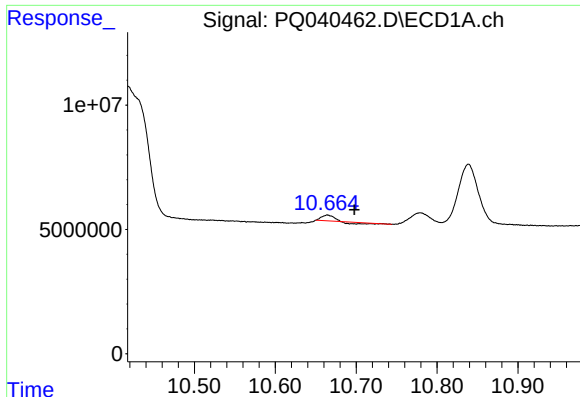
#42 AR-1268-2

R.T.: 10.416 min
Delta R.T.: -0.047 min
Response: 145596485
Conc: 236.62 ng/ml



#42 AR-1268-2

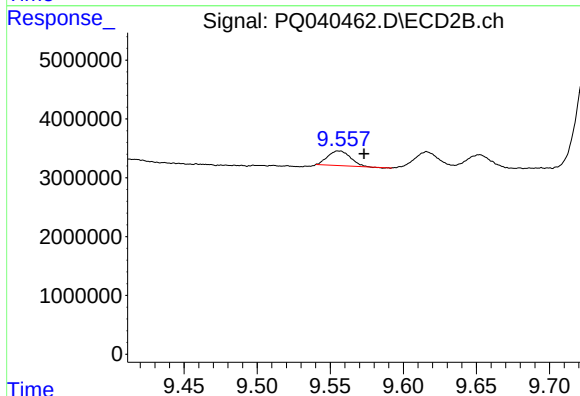
R.T.: 9.349 min
Delta R.T.: -0.017 min
Response: 215497799
Conc: 492.92 ng/ml



#43 AR-1268-3

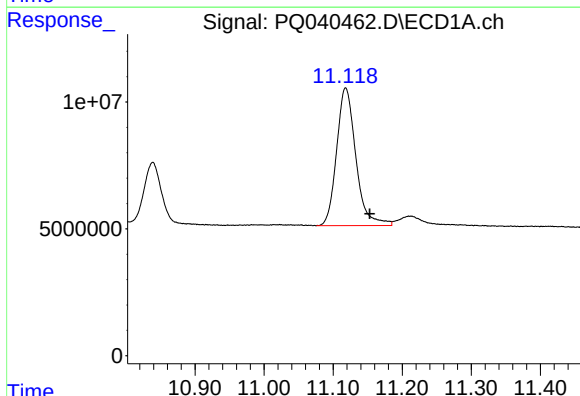
R.T.: 10.665 min
Delta R.T.: -0.033 min
Response: 1363642
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



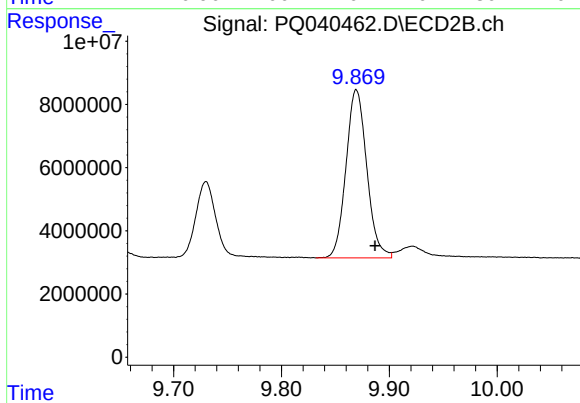
#43 AR-1268-3

R.T.: 9.556 min
Delta R.T.: -0.017 min
Response: 2671705
Conc: 7.12 ng/ml



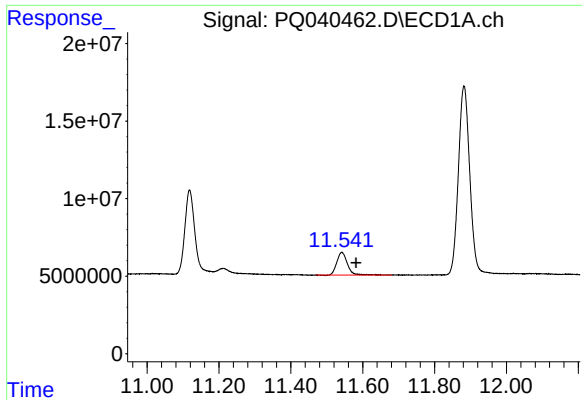
#44 AR-1268-4

R.T.: 11.118 min
Delta R.T.: -0.035 min
Response: 105021758
Conc: 514.90 ng/ml



#44 AR-1268-4

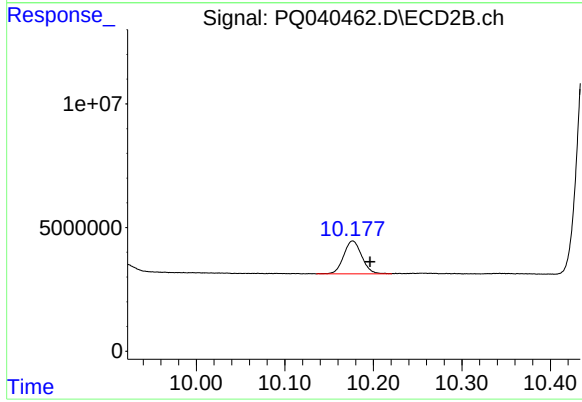
R.T.: 9.870 min
Delta R.T.: -0.017 min
Response: 71338279
Conc: 517.75 ng/ml



#45 AR-1268-5

R.T.: 11.542 min
Delta R.T.: -0.040 min
Response: 30190542
Conc: 16.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660350



#45 AR-1268-5

R.T.: 10.177 min
Delta R.T.: -0.020 min
Response: 18960138
Conc: 16.07 ng/ml