

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090118\
 Data File : PQ031578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 03:28
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:22:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.607	3.885	66869590	51063015	45.826	44.815
2)	SA Decachlor...	10.464	8.967	108.5E6	103.6E6	50.587	49.446
Target Compounds							
3)	L1 AR-1016-1	5.319	4.568	18821488	15899304	481.960	495.577
4)	L1 AR-1016-2	5.516	4.984	19220173	25143594	479.179	501.412
5)	L1 AR-1016-3	5.784	5.004	28969280	36307091	471.529	503.807
6)	L1 AR-1016-4	5.869	5.061	26235043	24396323	486.197	548.616
7)	L1 AR-1016-5	6.263	5.438	22926318	21343529	504.371	532.186
8)	L2 AR-1221-1	4.811	4.101	1836919	1702545	104.940	123.067
9)	L2 AR-1221-2	4.905	4.189	2948060	2612936	225.552	239.930
10)	L2 AR-1221-3	4.982	4.266	12566018	10105248	292.558	291.168
11)	L3 AR-1232-1	5.806	4.764	42059980	17002434	1390.117	1347.915
12)	L3 AR-1232-2	5.969	4.877	21461546	5002611	1384.286	1395.245
13)	L3 AR-1232-3	6.141	5.264	7048005	18919431	1721.290	1534.757
14)	L3 AR-1232-4	6.473	5.589	6085008	24721041	1370.217	1637.693
15)	L3 AR-1232-5	7.336	0.000	2749697	0	1034.198	N.D. #
16)	L4 AR-1242-1	5.350	4.589	11405103	9358619	623.772	669.056
17)	L4 AR-1242-2	6.103	5.183	19922073	19826015	647.260	690.904
18)	L4 AR-1242-3	6.305	5.297	9922739	6304401	615.480	656.109
19)	L4 AR-1242-4	6.349	5.662	7657930	6592140	563.839	749.496 #
20)	L4 AR-1242-5	6.405	6.036	24742025	1861507	630.940	81.381 #
21)	L5 AR-1248-1	6.057	5.221	18904444	15187376	333.284	321.671
22)	L5 AR-1248-2	6.640	5.792	22133880	22821663	372.632	244.845 #
23)	L5 AR-1248-3	6.666	5.833	8057204	5582832	101.136	87.342
24)	L5 AR-1248-4	6.706	6.036	6846627	1861507	89.956	32.345 #
25)	L5 AR-1248-5	6.857	6.359	19460135	41008822	380.388	887.940 #
26)	L6 AR-1254-1	6.857	5.937	19460135	16605332	134.157	166.346
27)	L6 AR-1254-2	7.141	6.256	3295480	3479649	36.650	39.683
28)	L6 AR-1254-3	7.227	6.572	9940116	3682694	60.651	31.872 #
29)	L6 AR-1254-4	7.512	6.899	6963385	6123255	56.945	73.742 #
30)	L6 AR-1254-5	7.775	6.991	27662580	73148004	291.509	439.958 #
31)	L7 AR-1260-1	7.389	6.475	51091066	51452138	464.997	509.416
32)	L7 AR-1260-2	7.644	6.659	63098103	64519099	476.247	499.405
33)	L7 AR-1260-3	7.930	6.818	75750711	60100936	480.028	499.805
34)	L7 AR-1260-4	8.238	7.290	55475529	50926689	474.390	492.489
35)	L7 AR-1260-5	8.570	7.528	114.3E6	127.1E6	481.260	499.104
36)	L8 AR-1262-1	7.283	6.359	27770566	41008822	482.139	817.216 #
37)	L8 AR-1262-2	8.062	7.081	23907003	25768089	447.176	473.476
38)	L8 AR-1262-3	8.322	7.388	26423694	27255489	431.956	439.496
39)	L8 AR-1262-4	8.971	7.813	42206981	26004123	329.692	248.288
40)	L8 AR-1262-5	9.676	8.384	31965895	31721223	331.558	335.270
41)	L9 AR-1268-1	8.005	7.028	45906626	52194178	864.816	969.308

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090118\
 Data File : PQ031578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 03:28
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

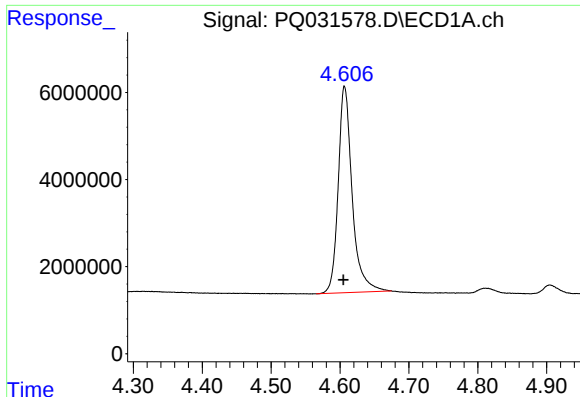
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:22:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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	8.238	7.877	55475529	91955229	794.842	304.202 #
43) L9	AR-1268-3	8.913	8.087	73383334	1969840	225.177	7.874 #
44) L9	AR-1268-4	9.230	8.180	2051923	1763513	8.205	26.212 #
45) L9	AR-1268-5	10.108	8.694	9159269	7921731	10.711	9.407

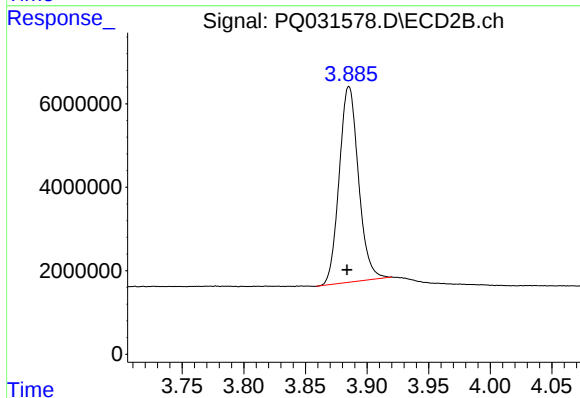
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

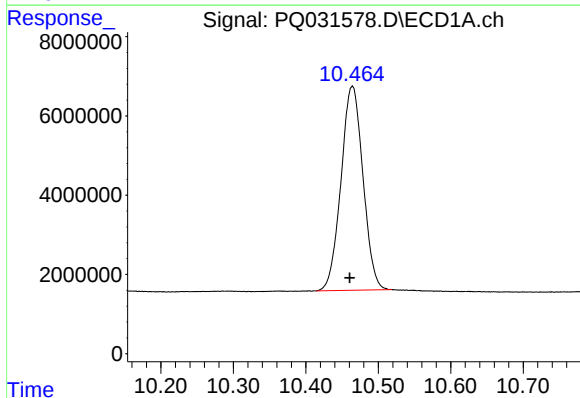
R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 66869590
Conc: 45.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



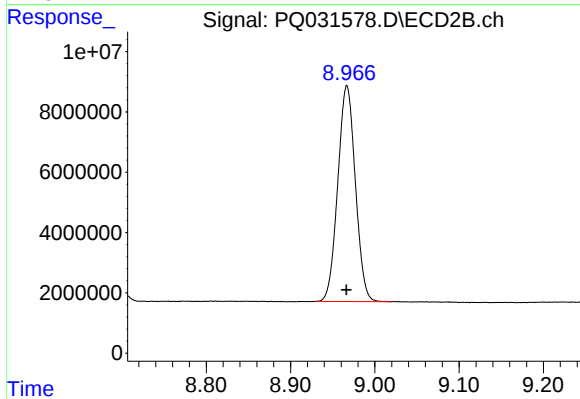
#1 Tetrachloro-m-xylene

R.T.: 3.885 min
Delta R.T.: 0.001 min
Response: 51063015
Conc: 44.82 ng/ml



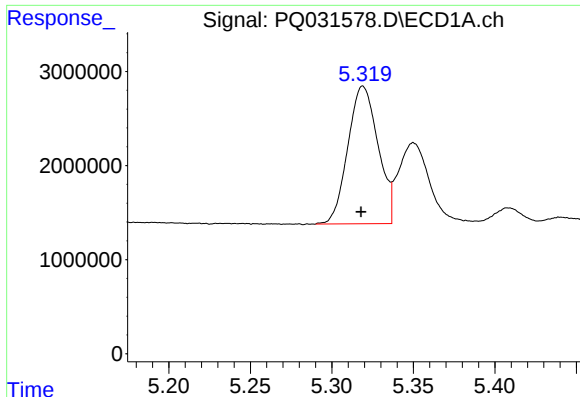
#2 Decachlorobiphenyl

R.T.: 10.464 min
Delta R.T.: 0.004 min
Response: 108470229
Conc: 50.59 ng/ml



#2 Decachlorobiphenyl

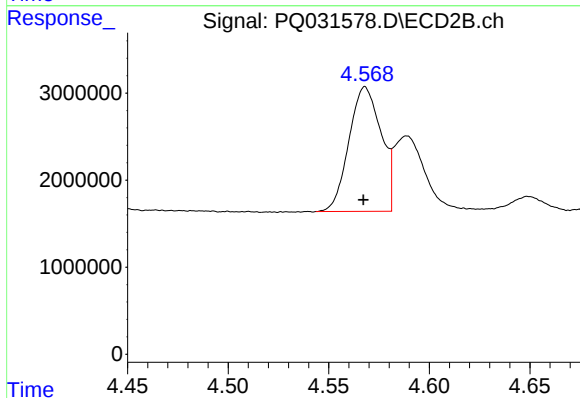
R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 103622806
Conc: 49.45 ng/ml



#3 AR-1016-1

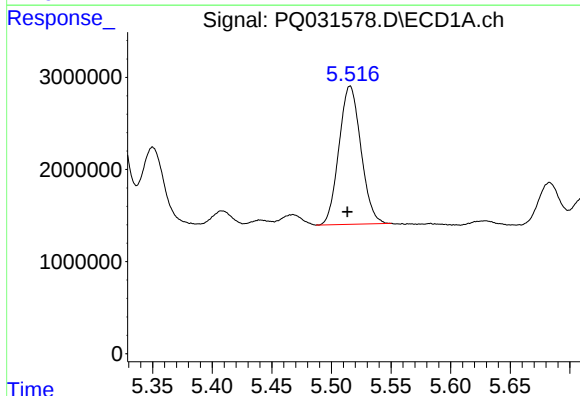
R.T.: 5.319 min
Delta R.T.: 0.001 min
Response: 18821488
Conc: 481.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



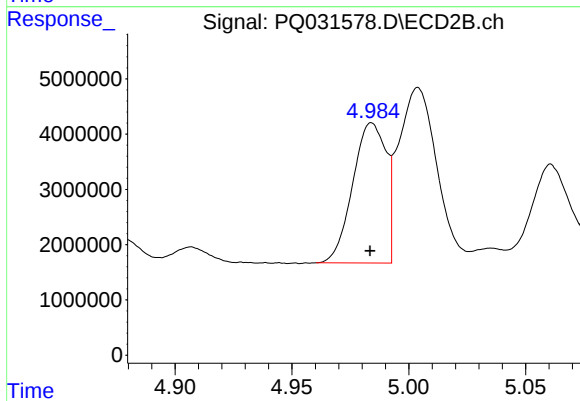
#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 15899304
Conc: 495.58 ng/ml



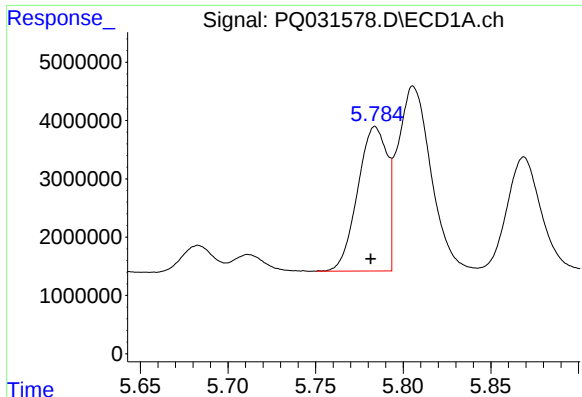
#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: 0.002 min
Response: 19220173
Conc: 479.18 ng/ml



#4 AR-1016-2

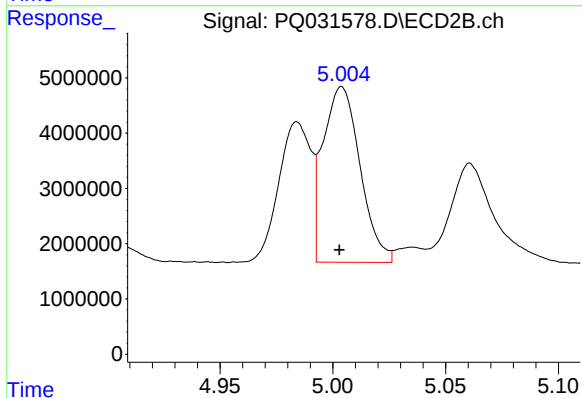
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 25143594
Conc: 501.41 ng/ml



#5 AR-1016-3

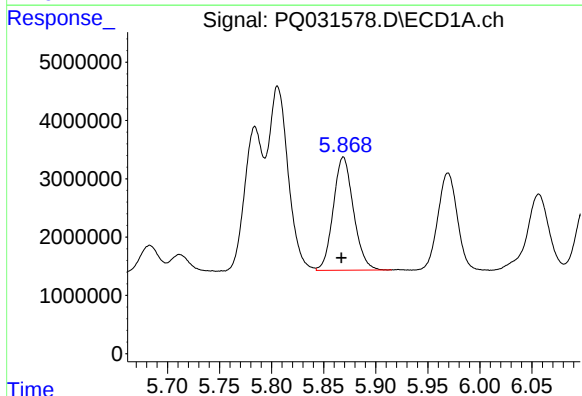
R.T.: 5.784 min
Delta R.T.: 0.003 min
Response: 28969280
Conc: 471.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



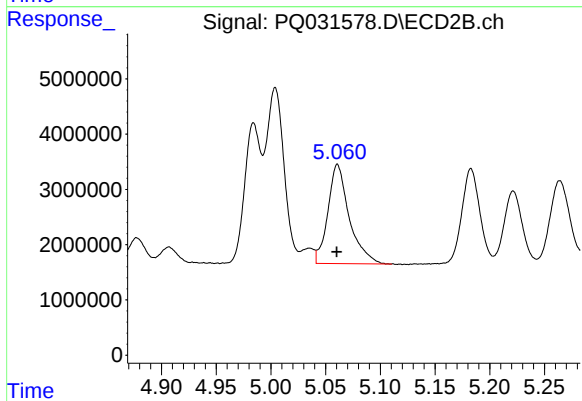
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 36307091
Conc: 503.81 ng/ml



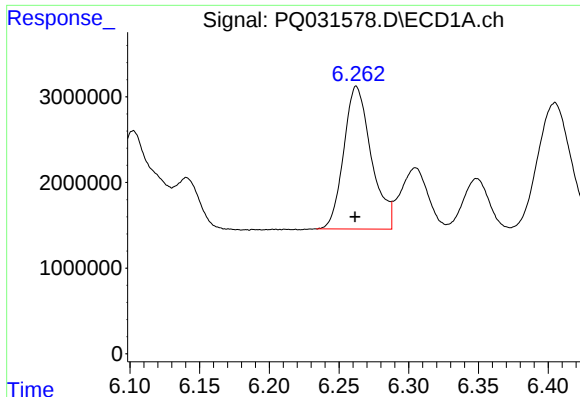
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.002 min
Response: 26235043
Conc: 486.20 ng/ml



#6 AR-1016-4

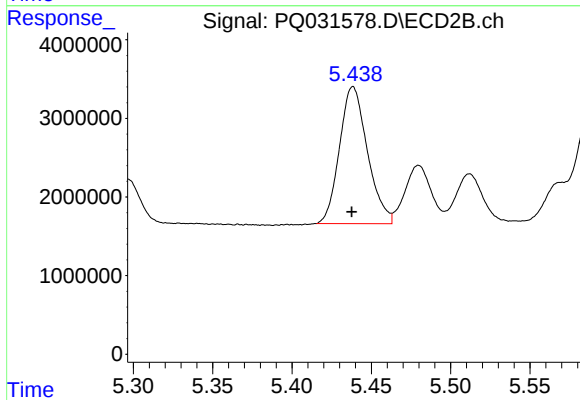
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 24396323
Conc: 548.62 ng/ml



#7 AR-1016-5

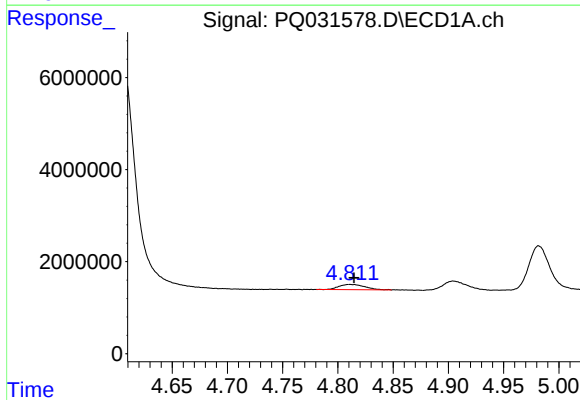
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 22926318
Conc: 504.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



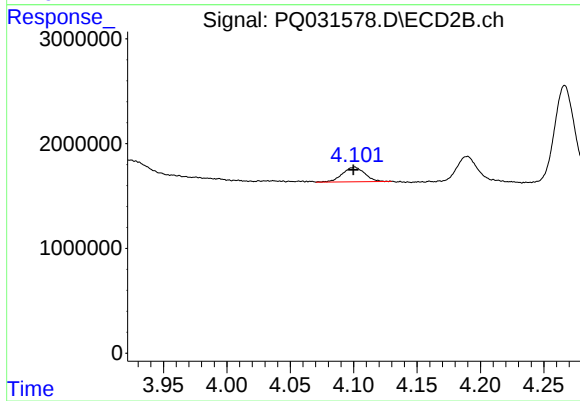
#7 AR-1016-5

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 21343529
Conc: 532.19 ng/ml



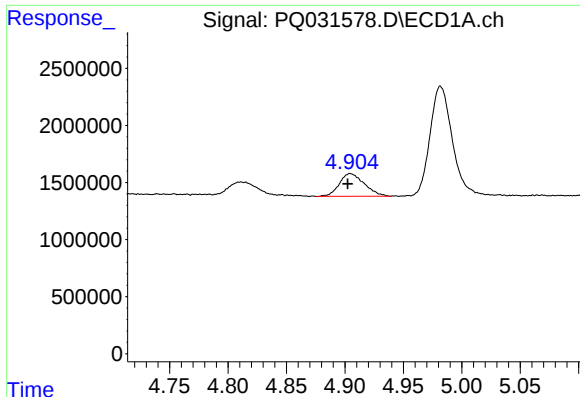
#8 AR-1221-1

R.T.: 4.811 min
Delta R.T.: -0.004 min
Response: 1836919
Conc: 104.94 ng/ml



#8 AR-1221-1

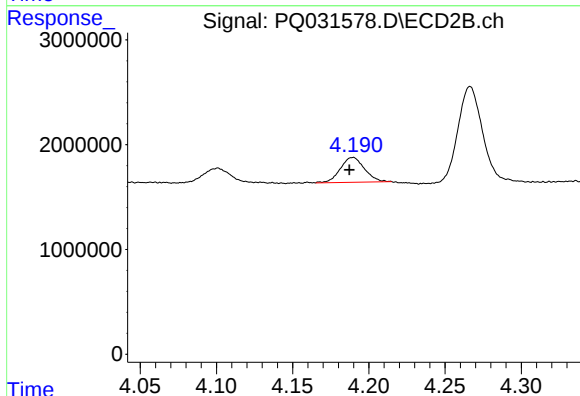
R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 1702545
Conc: 123.07 ng/ml



#9 AR-1221-2

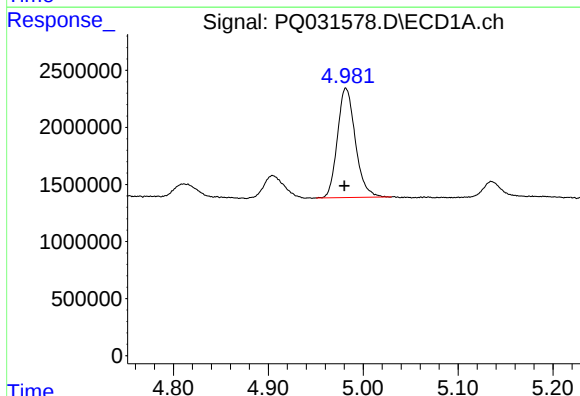
R.T.: 4.905 min
Delta R.T.: 0.002 min
Response: 2948060
Conc: 225.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



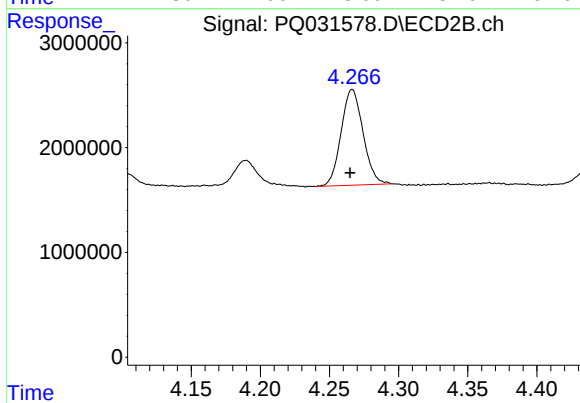
#9 AR-1221-2

R.T.: 4.189 min
Delta R.T.: 0.002 min
Response: 2612936
Conc: 239.93 ng/ml



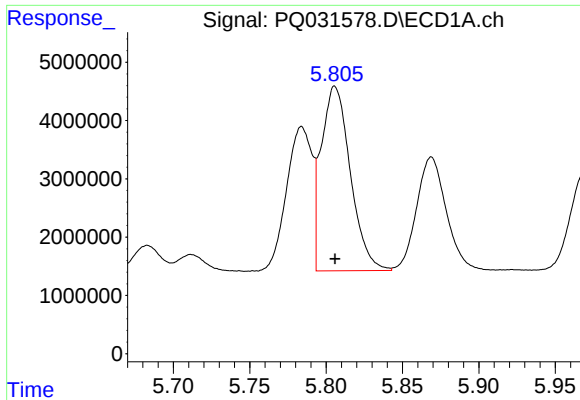
#10 AR-1221-3

R.T.: 4.982 min
Delta R.T.: 0.002 min
Response: 12566018
Conc: 292.56 ng/ml



#10 AR-1221-3

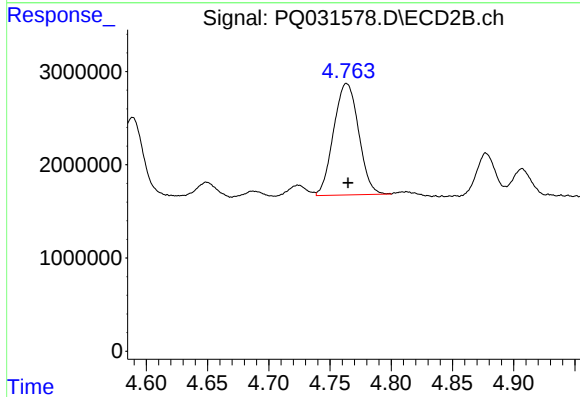
R.T.: 4.266 min
Delta R.T.: 0.002 min
Response: 10105248
Conc: 291.17 ng/ml



#11 AR-1232-1

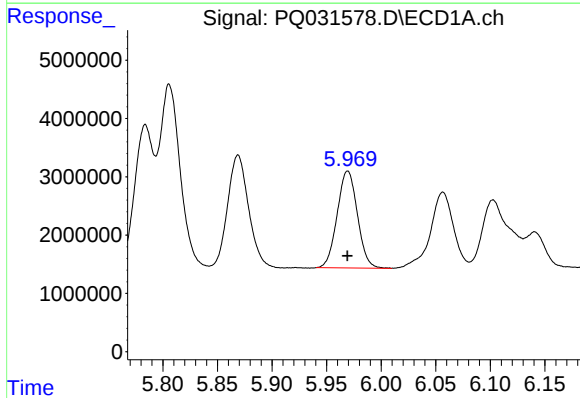
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 42059980
Conc: 1390.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



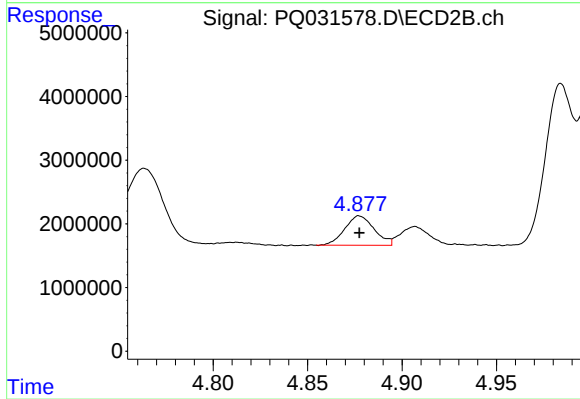
#11 AR-1232-1

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 17002434
Conc: 1347.92 ng/ml



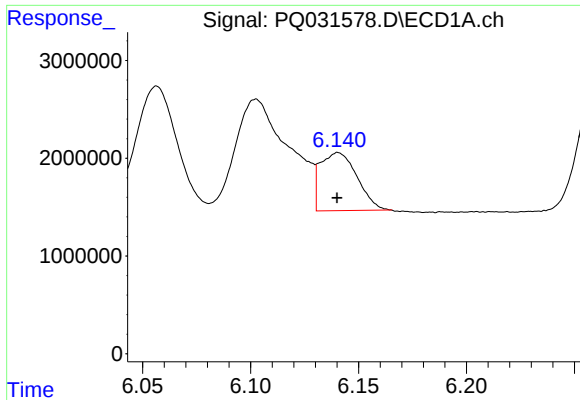
#12 AR-1232-2

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 21461546
Conc: 1384.29 ng/ml



#12 AR-1232-2

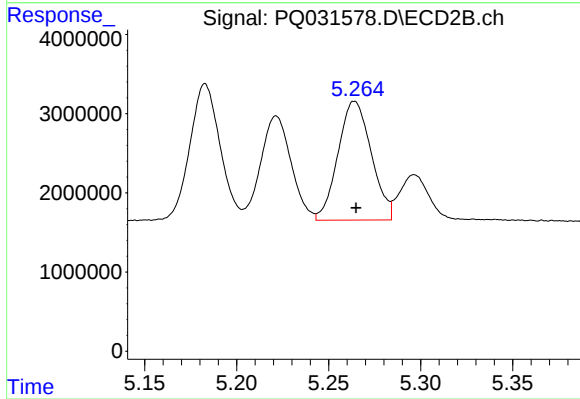
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 5002611
Conc: 1395.24 ng/ml



#13 AR-1232-3

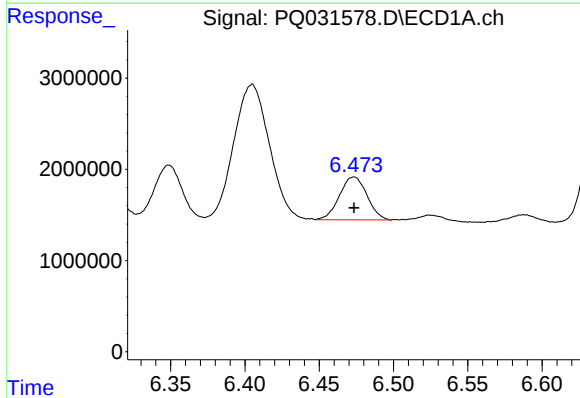
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 7048005
Conc: 1721.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



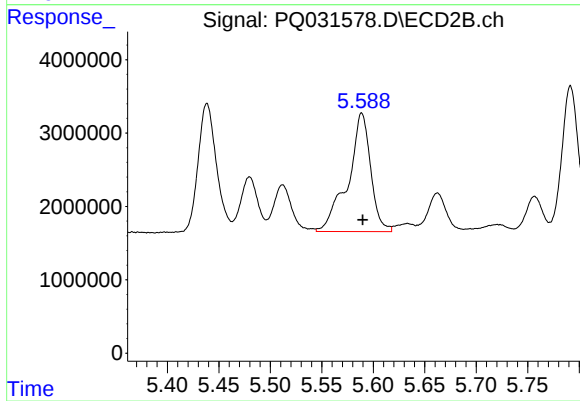
#13 AR-1232-3

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 18919431
Conc: 1534.76 ng/ml



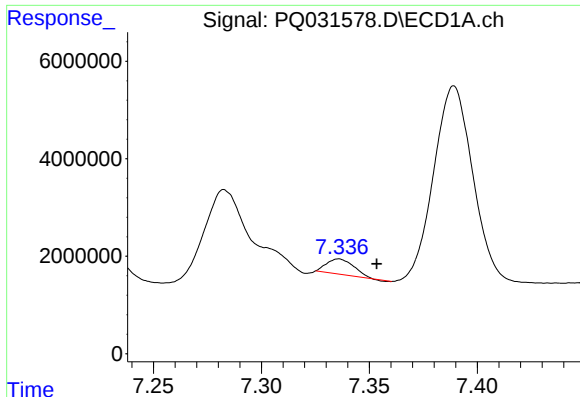
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 6085008
Conc: 1370.22 ng/ml



#14 AR-1232-4

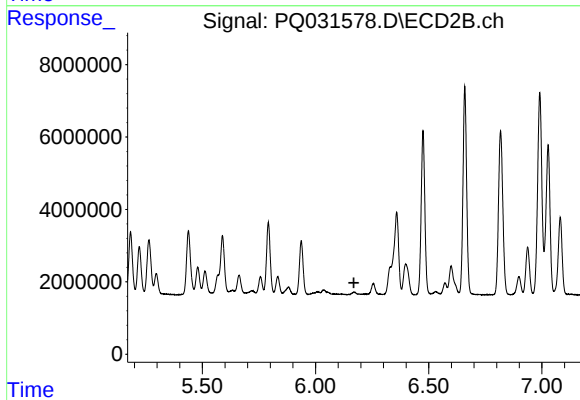
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 24721041
Conc: 1637.69 ng/ml



#15 AR-1232-5

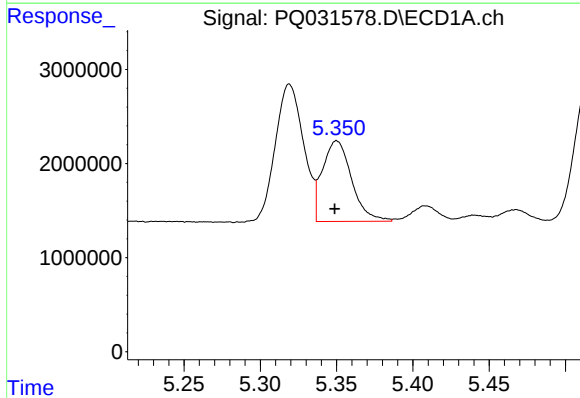
R.T.: 7.336 min
Delta R.T.: -0.017 min
Response: 2749697
Conc: 1034.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



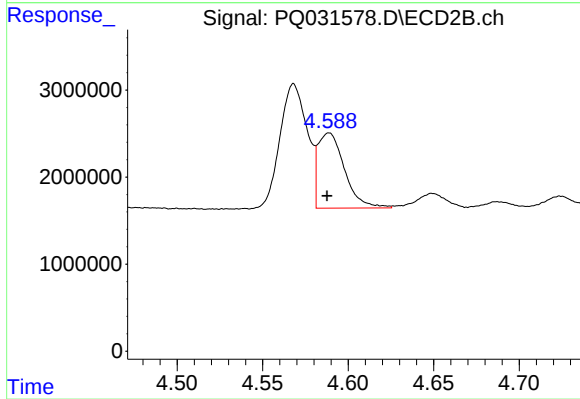
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



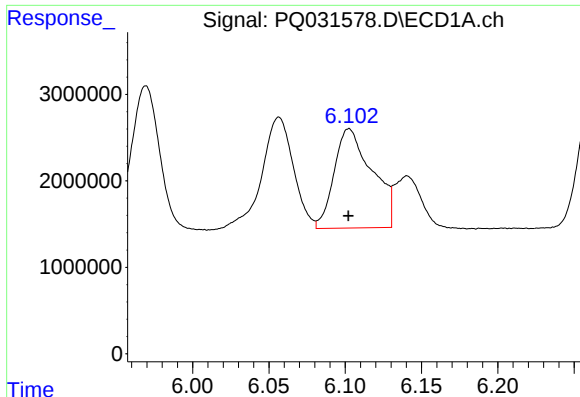
#16 AR-1242-1

R.T.: 5.350 min
Delta R.T.: 0.001 min
Response: 11405103
Conc: 623.77 ng/ml



#16 AR-1242-1

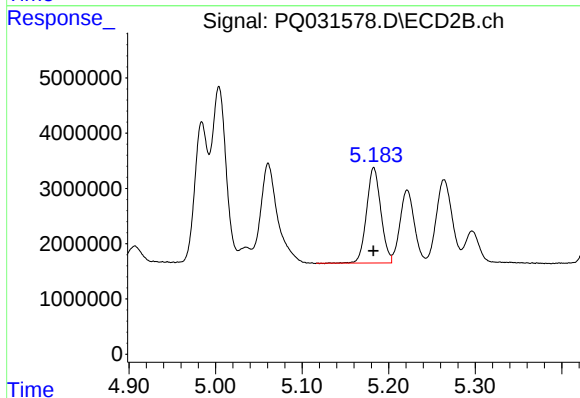
R.T.: 4.589 min
Delta R.T.: 0.001 min
Response: 9358619
Conc: 669.06 ng/ml



#17 AR-1242-2

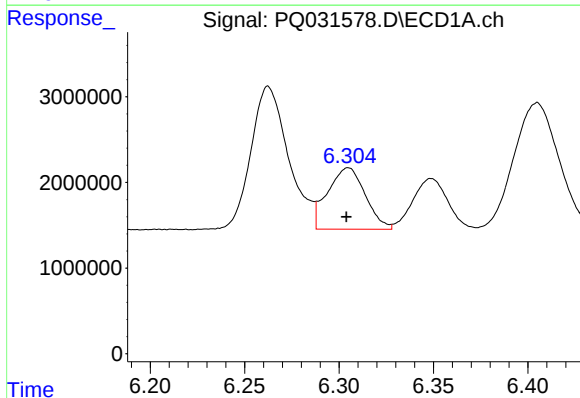
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 19922073
Conc: 647.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



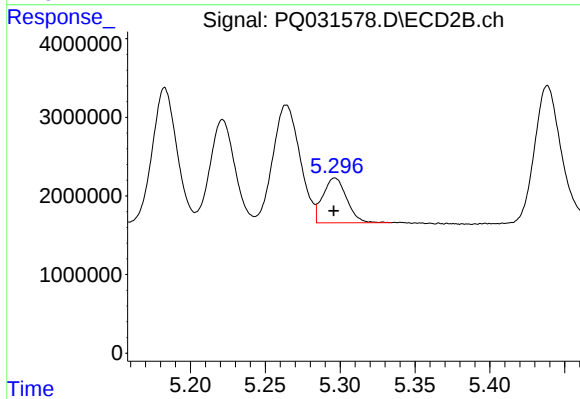
#17 AR-1242-2

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 19826015
Conc: 690.90 ng/ml



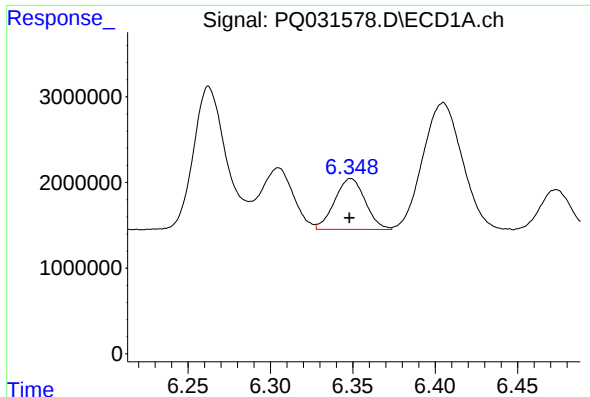
#18 AR-1242-3

R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 9922739
Conc: 615.48 ng/ml



#18 AR-1242-3

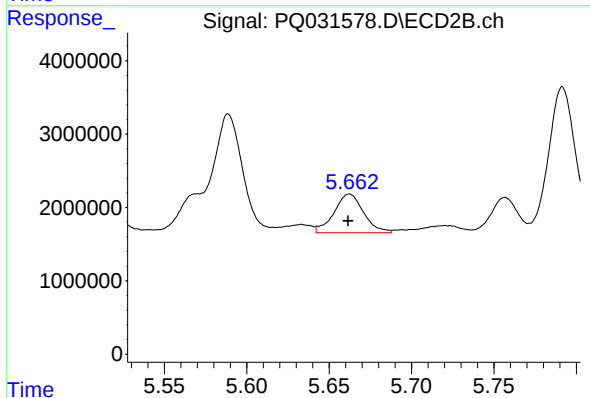
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 6304401
Conc: 656.11 ng/ml



#19 AR-1242-4

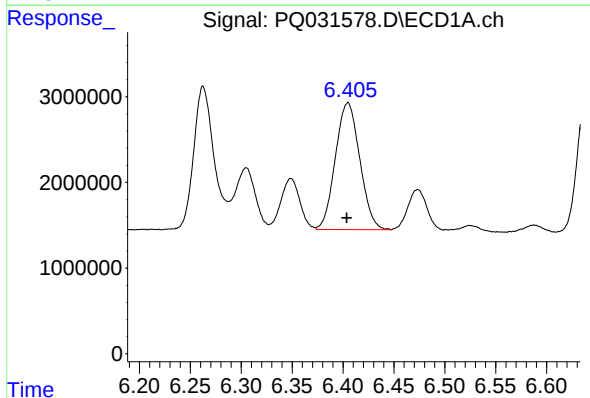
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 7657930
Conc: 563.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



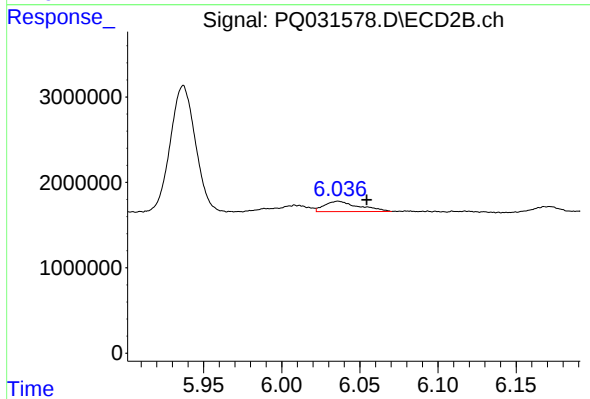
#19 AR-1242-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 6592140
Conc: 749.50 ng/ml



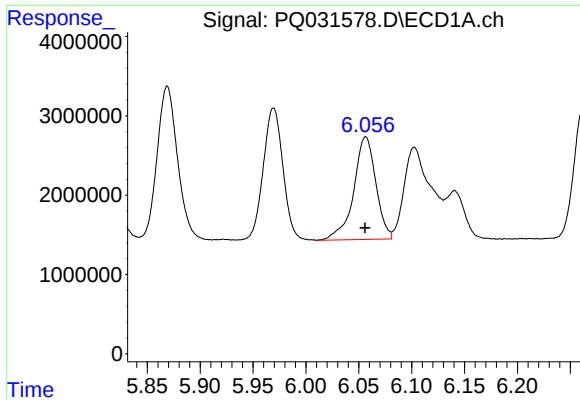
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 24742025
Conc: 630.94 ng/ml



#20 AR-1242-5

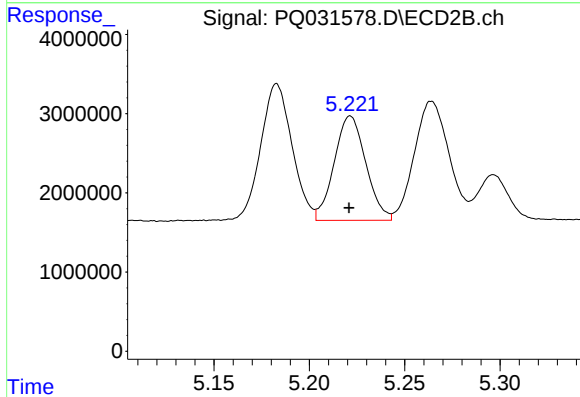
R.T.: 6.036 min
Delta R.T.: -0.018 min
Response: 1861507
Conc: 81.38 ng/ml



#21 AR-1248-1

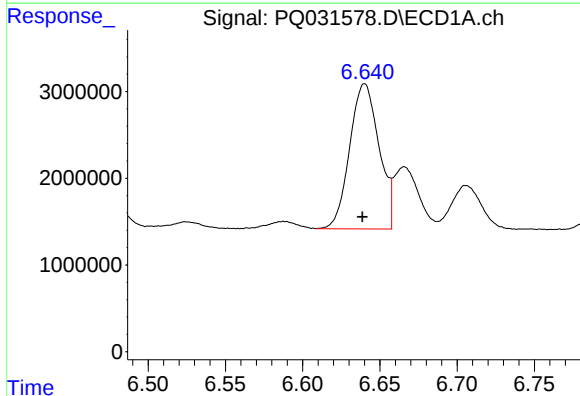
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 18904444
Conc: 333.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



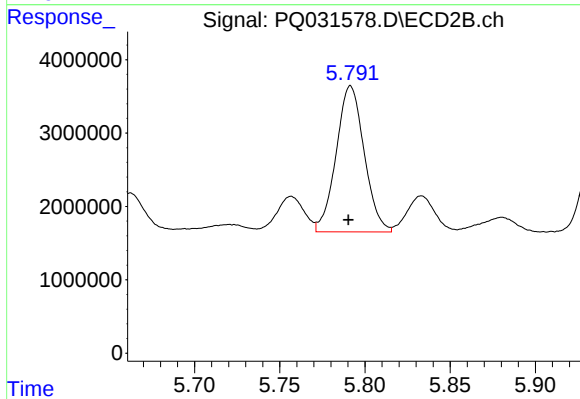
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 15187376
Conc: 321.67 ng/ml



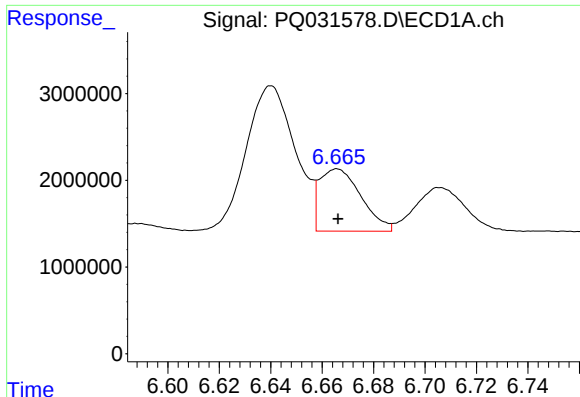
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 22133880
Conc: 372.63 ng/ml



#22 AR-1248-2

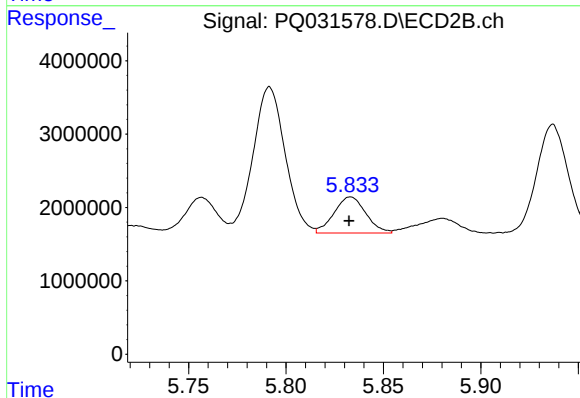
R.T.: 5.792 min
Delta R.T.: 0.001 min
Response: 22821663
Conc: 244.85 ng/ml



#23 AR-1248-3

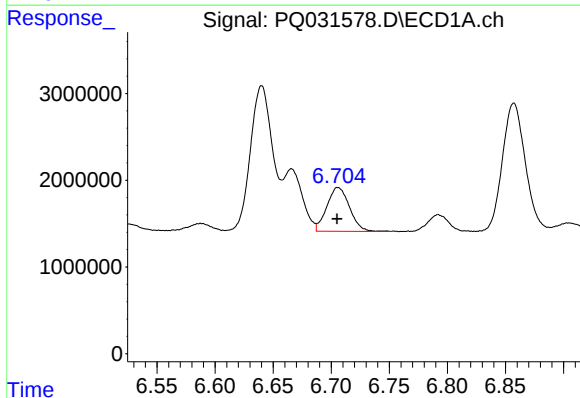
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 8057204
Conc: 101.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



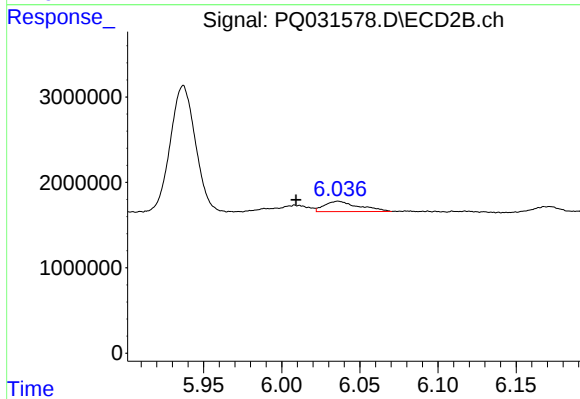
#23 AR-1248-3

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 5582832
Conc: 87.34 ng/ml



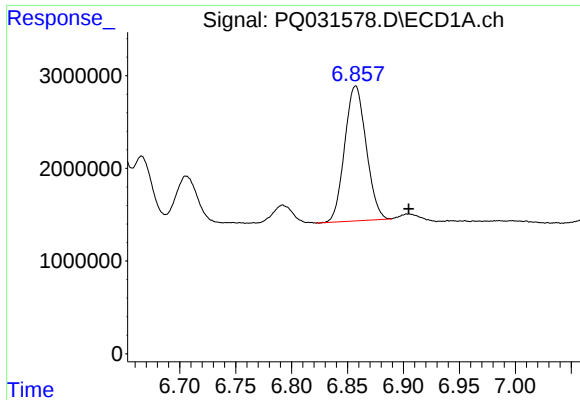
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 6846627
Conc: 89.96 ng/ml



#24 AR-1248-4

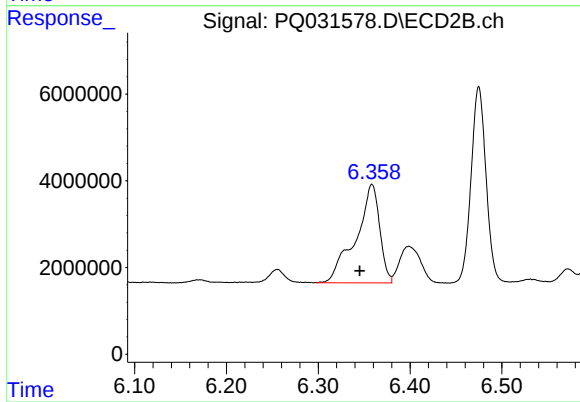
R.T.: 6.036 min
Delta R.T.: 0.027 min
Response: 1861507
Conc: 32.35 ng/ml



#25 AR-1248-5

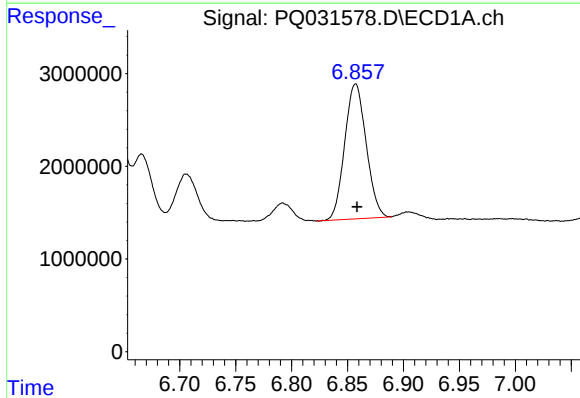
R.T.: 6.857 min
Delta R.T.: -0.048 min
Response: 19460135
Conc: 380.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



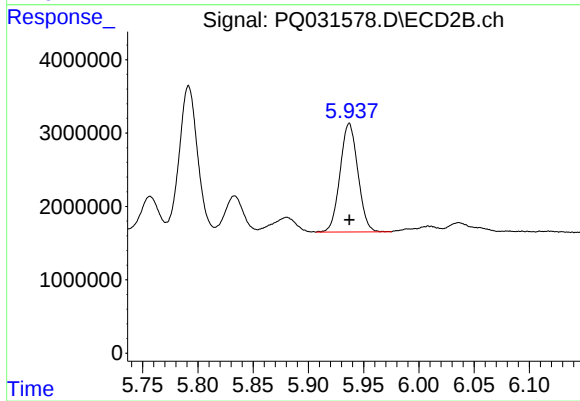
#25 AR-1248-5

R.T.: 6.359 min
Delta R.T.: 0.013 min
Response: 41008822
Conc: 887.94 ng/ml



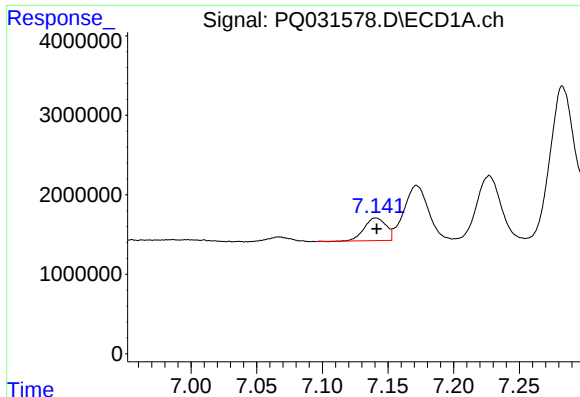
#26 AR-1254-1

R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 19460135
Conc: 134.16 ng/ml



#26 AR-1254-1

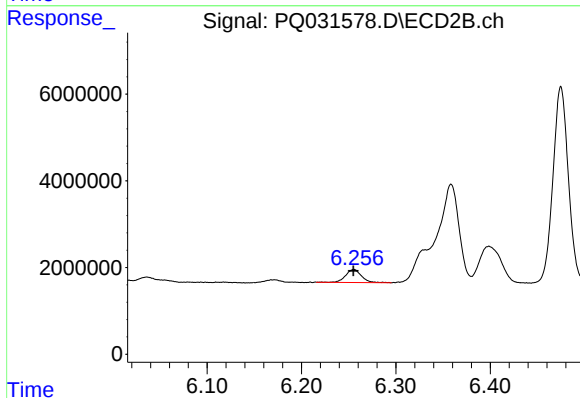
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 16605332
Conc: 166.35 ng/ml



#27 AR-1254-2

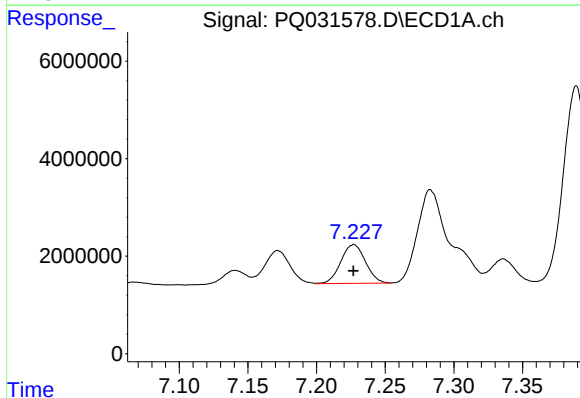
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 3295480
Conc: 36.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



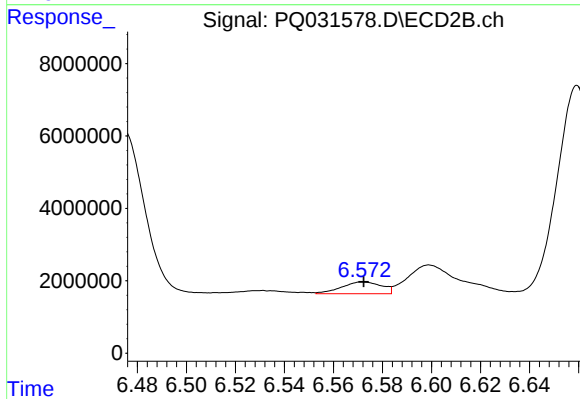
#27 AR-1254-2

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 3479649
Conc: 39.68 ng/ml



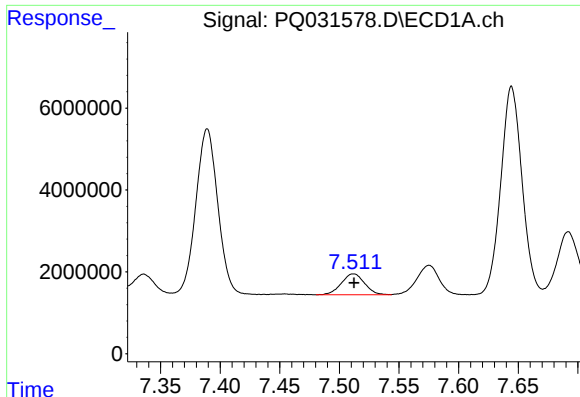
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 9940116
Conc: 60.65 ng/ml



#28 AR-1254-3

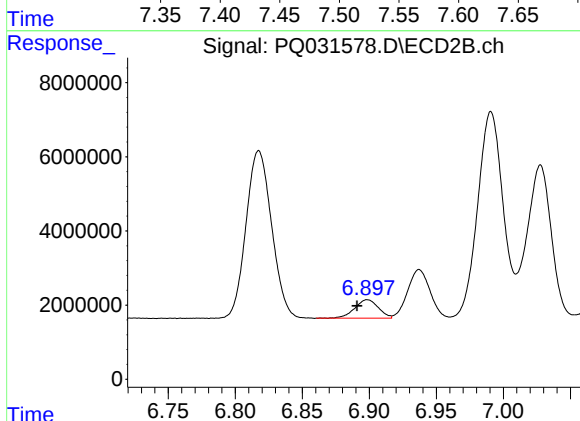
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 3682694
Conc: 31.87 ng/ml



#29 AR-1254-4

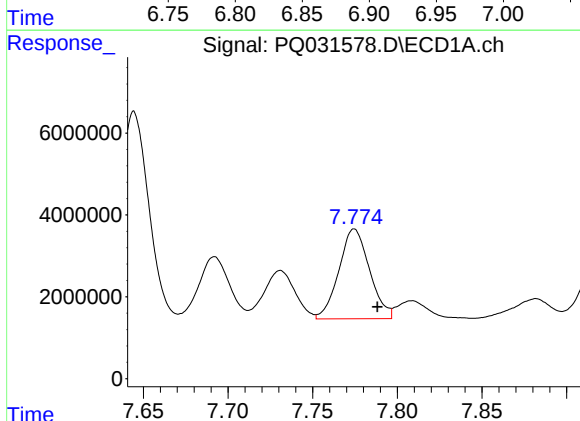
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 6963385
Conc: 56.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



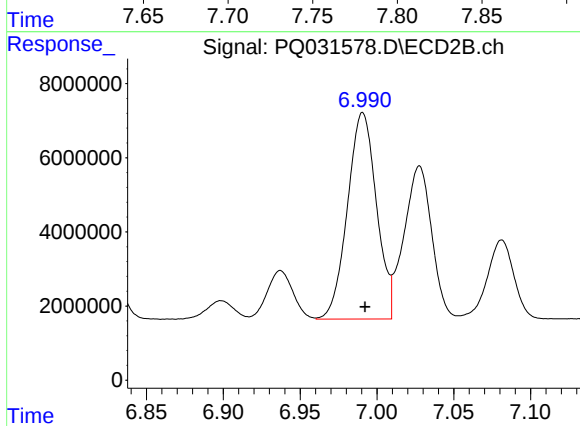
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.008 min
Response: 6123255
Conc: 73.74 ng/ml



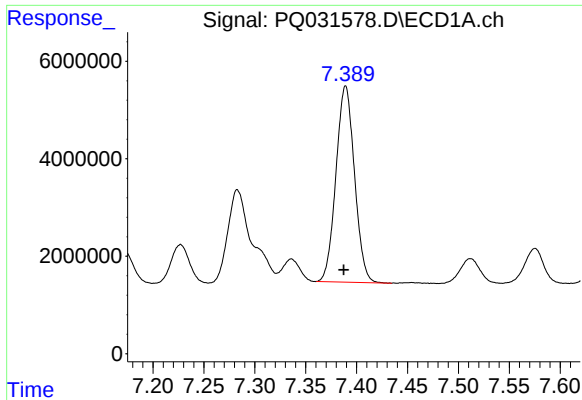
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: -0.014 min
Response: 27662580
Conc: 291.51 ng/ml



#30 AR-1254-5

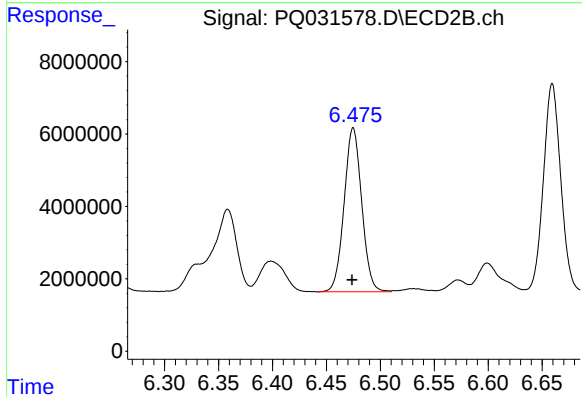
R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 73148004
Conc: 439.96 ng/ml



#31 AR-1260-1

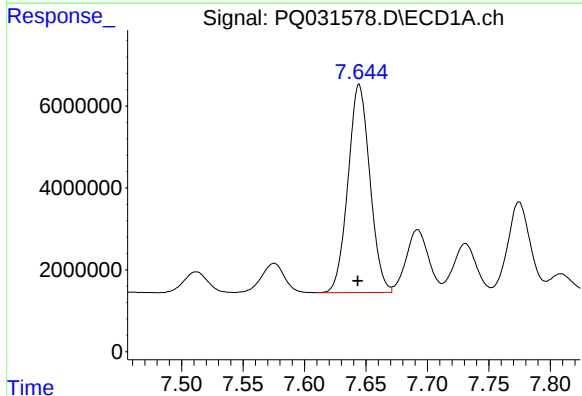
R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 51091066
Conc: 465.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



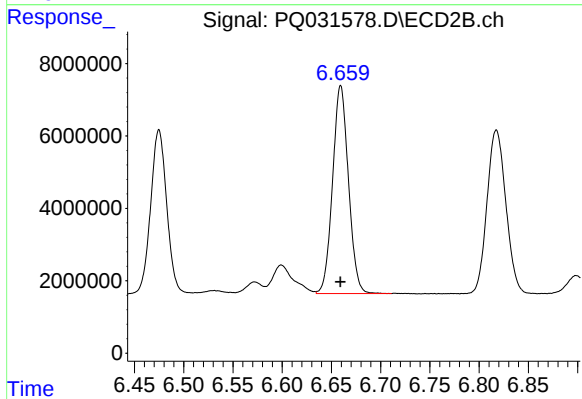
#31 AR-1260-1

R.T.: 6.475 min
Delta R.T.: 0.001 min
Response: 51452138
Conc: 509.42 ng/ml



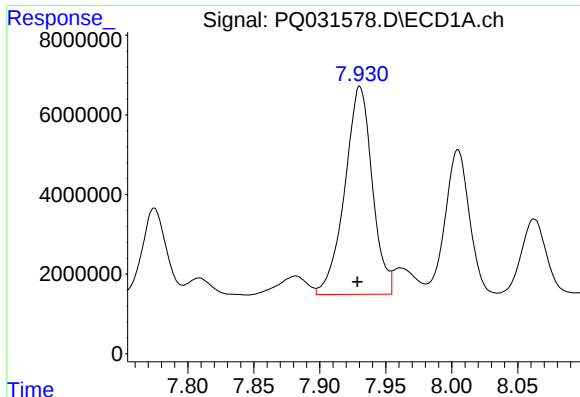
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 63098103
Conc: 476.25 ng/ml



#32 AR-1260-2

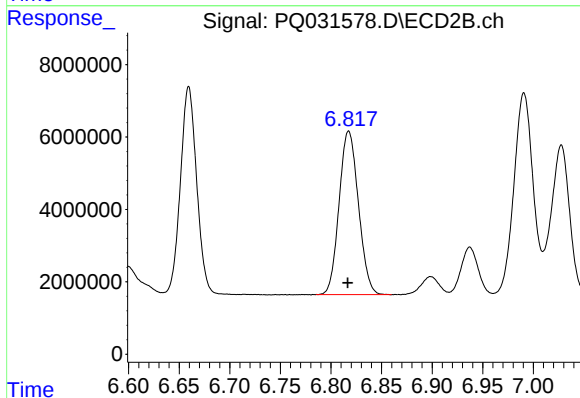
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 64519099
Conc: 499.41 ng/ml



#33 AR-1260-3

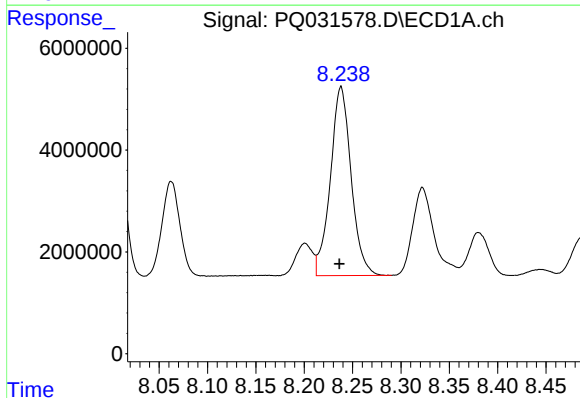
R.T.: 7.930 min
Delta R.T.: 0.002 min
Response: 75750711
Conc: 480.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



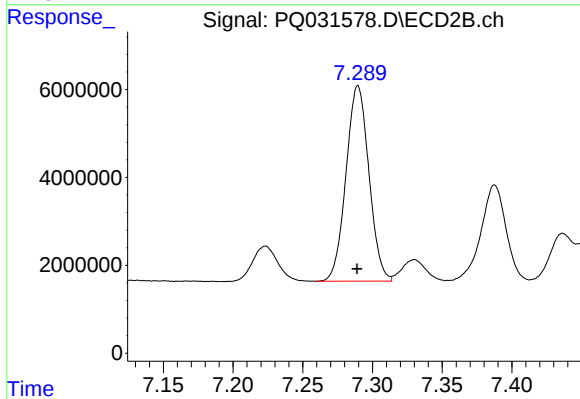
#33 AR-1260-3

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 60100936
Conc: 499.80 ng/ml



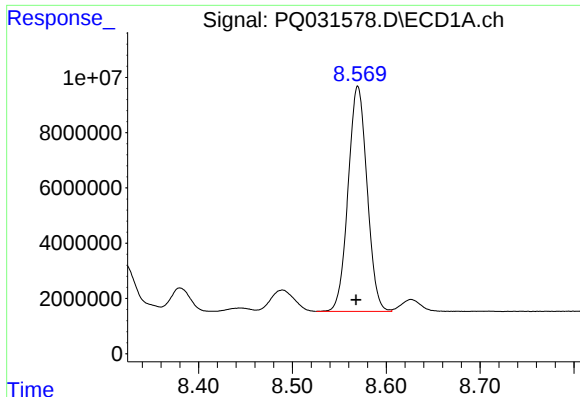
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 55475529
Conc: 474.39 ng/ml



#34 AR-1260-4

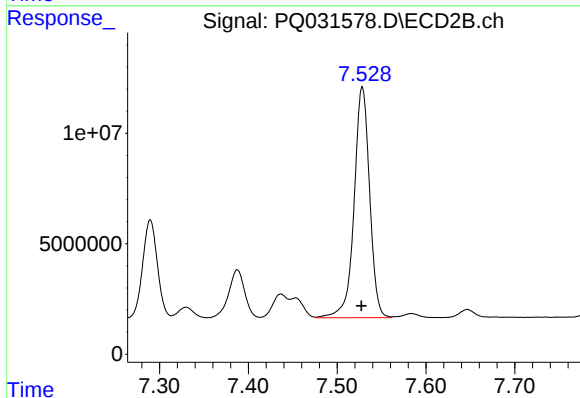
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 50926689
Conc: 492.49 ng/ml



#35 AR-1260-5

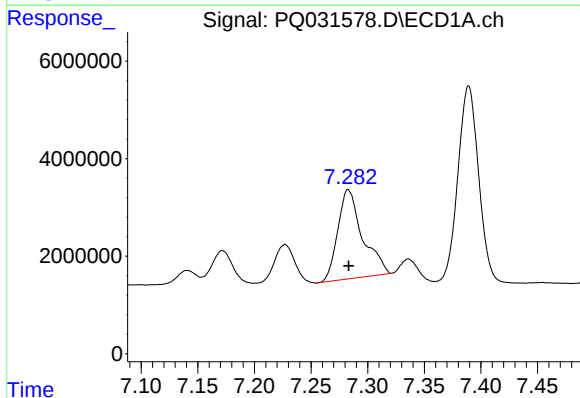
R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 114312054
Conc: 481.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



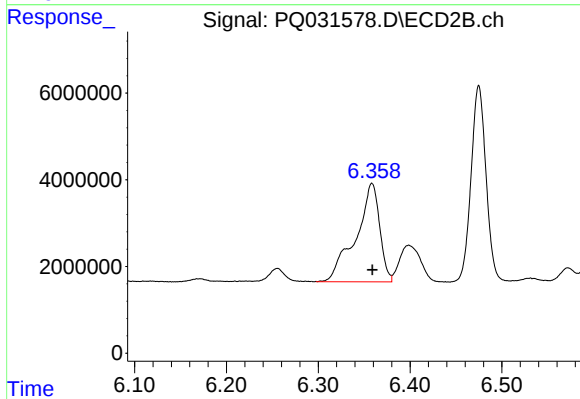
#35 AR-1260-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 127090507
Conc: 499.10 ng/ml



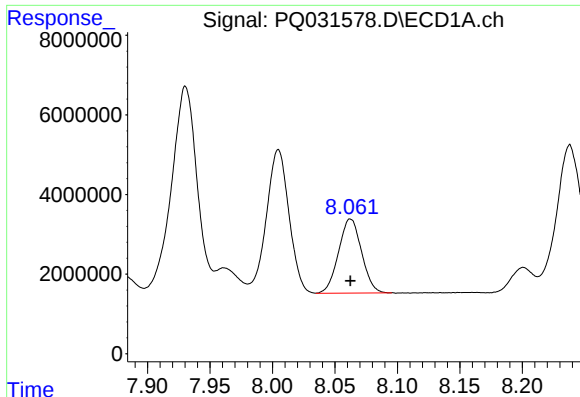
#36 AR-1262-1

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 27770566
Conc: 482.14 ng/ml



#36 AR-1262-1

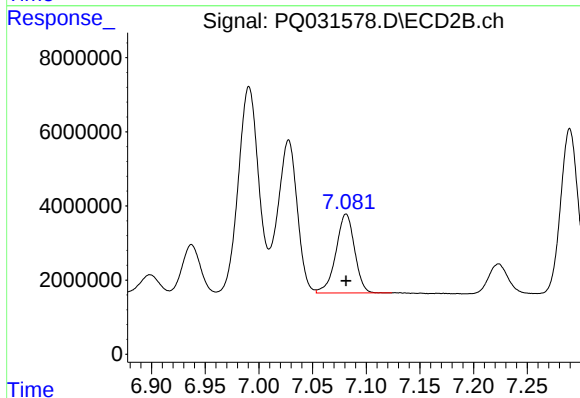
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 41008822
Conc: 817.22 ng/ml



#37 AR-1262-2

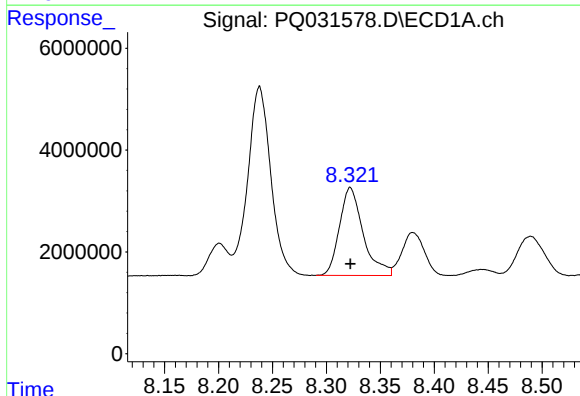
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 23907003
Conc: 447.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



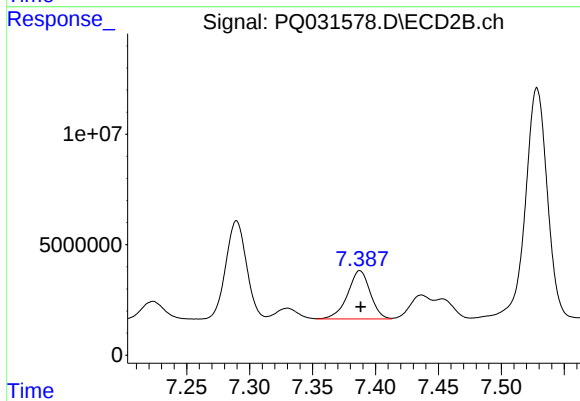
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: 0.000 min
Response: 25768089
Conc: 473.48 ng/ml



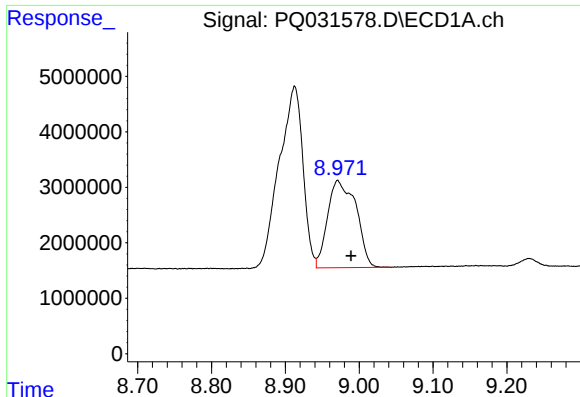
#38 AR-1262-3

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 26423694
Conc: 431.96 ng/ml



#38 AR-1262-3

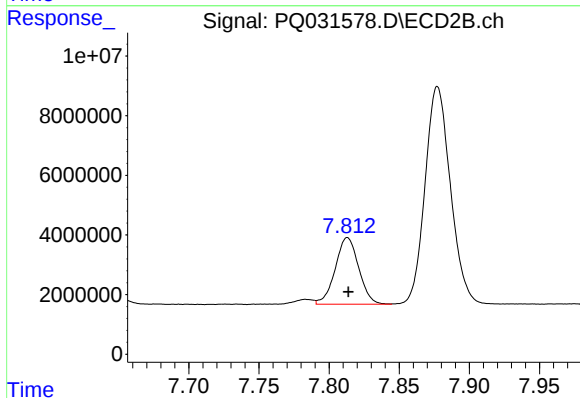
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 27255489
Conc: 439.50 ng/ml



#39 AR-1262-4

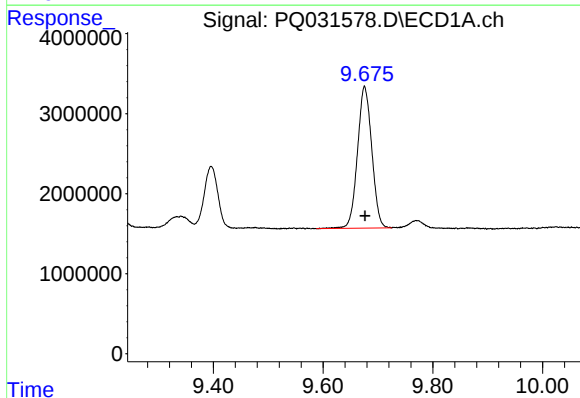
R.T.: 8.971 min
Delta R.T.: -0.018 min
Response: 42206981
Conc: 329.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



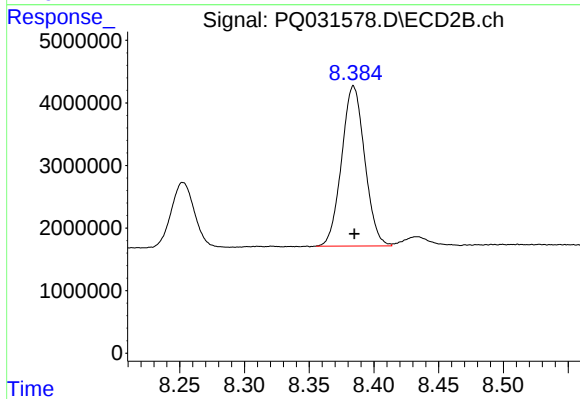
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 26004123
Conc: 248.29 ng/ml



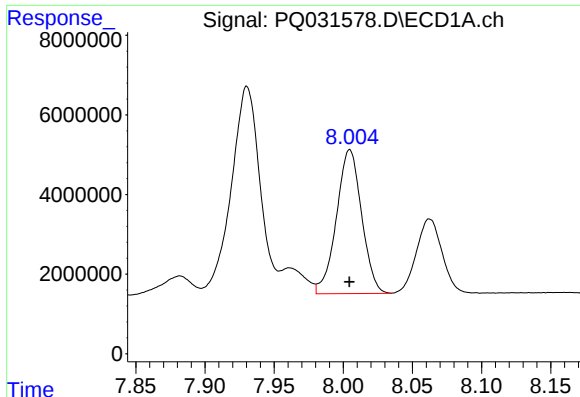
#40 AR-1262-5

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 31965895
Conc: 331.56 ng/ml



#40 AR-1262-5

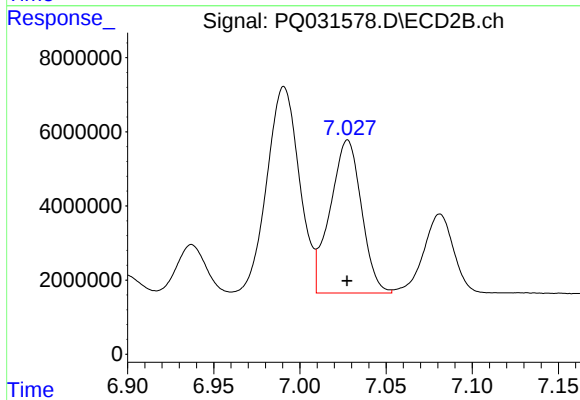
R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 31721223
Conc: 335.27 ng/ml



#41 AR-1268-1

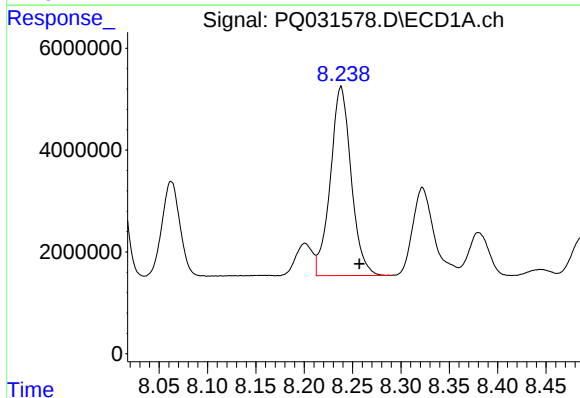
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 45906626
Conc: 864.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



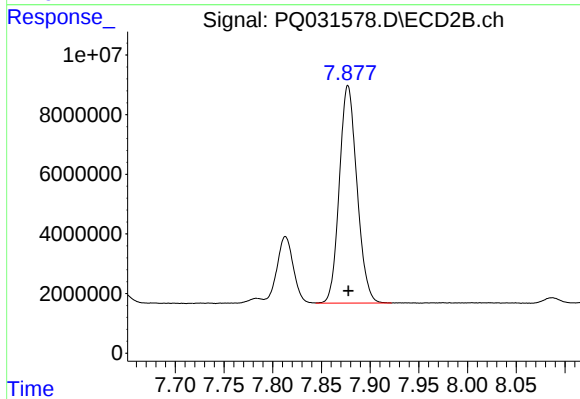
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 52194178
Conc: 969.31 ng/ml



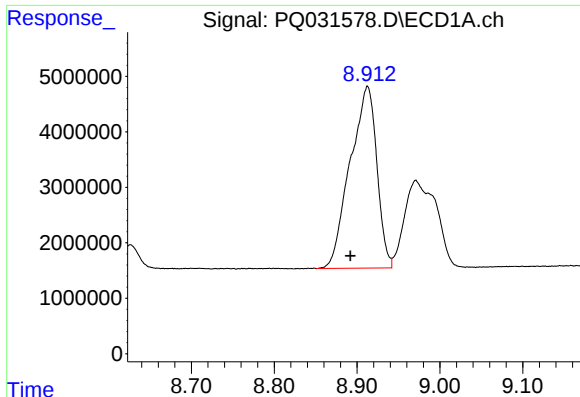
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.019 min
Response: 55475529
Conc: 794.84 ng/ml



#42 AR-1268-2

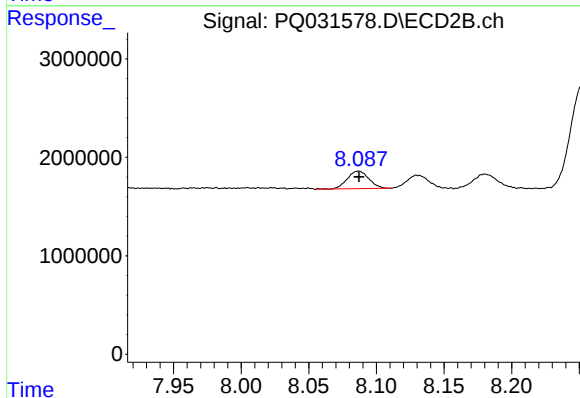
R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 91955229
Conc: 304.20 ng/ml



#43 AR-1268-3

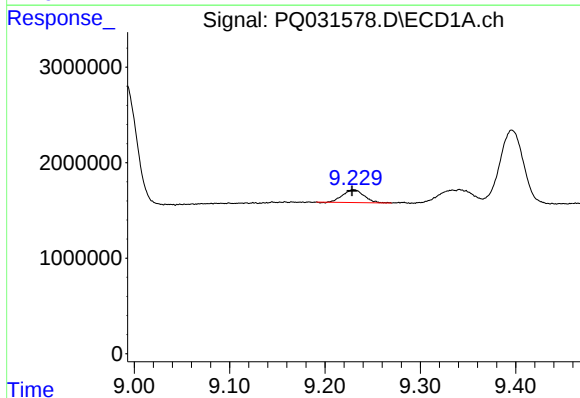
R.T.: 8.913 min
Delta R.T.: 0.021 min
Response: 73383334
Conc: 225.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



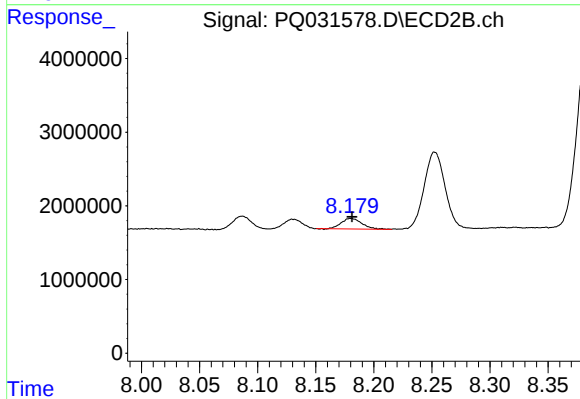
#43 AR-1268-3

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 1969840
Conc: 7.87 ng/ml



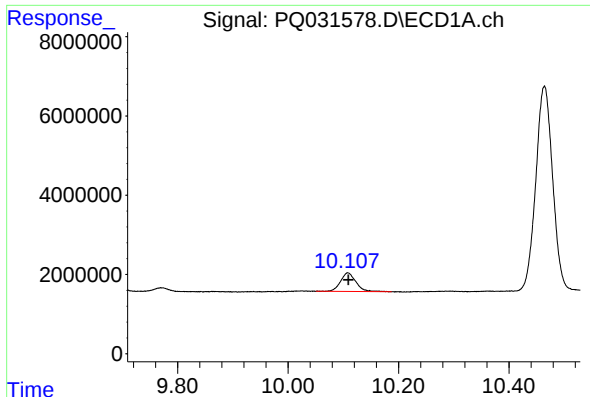
#44 AR-1268-4

R.T.: 9.230 min
Delta R.T.: 0.002 min
Response: 2051923
Conc: 8.20 ng/ml



#44 AR-1268-4

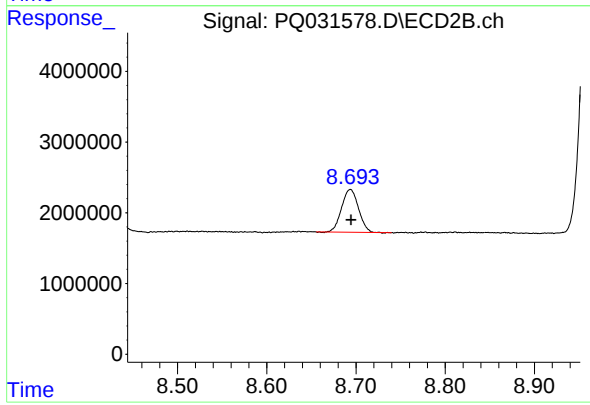
R.T.: 8.180 min
Delta R.T.: -0.001 min
Response: 1763513
Conc: 26.21 ng/ml



#45 AR-1268-5

R.T.: 10.108 min
Delta R.T.: 0.000 min
Response: 9159269
Conc: 10.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 7921731
Conc: 9.41 ng/ml