

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082118\
 Data File : PQ031303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 23:59
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 00:42:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 05:13:46 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...	4.600	3.881	113.2E6	104.6E6	54.391	58.360
2)	SA Decachlor...	10.455	8.965	77338884	77064281	41.439	40.630
Target Compounds							
3)	L1 AR-1016-1	4.975	4.585	20034632	14114242	587.785	574.191
4)	L1 AR-1016-2	5.509	4.981	26855069	38281895	556.699	616.070
5)	L1 AR-1016-3	5.777	5.000	37982685	53108711	550.938	602.089
6)	L1 AR-1016-4	5.862	5.057	33642806	34857106	531.157	613.365
7)	L1 AR-1016-5	6.398	5.218	30120129	21191399	544.844	599.515
8)	L2 AR-1221-1	4.804	4.096	3292399	3336399	164.926	207.827 #
9)	L2 AR-1221-2	4.897	4.185	5425968	4537685	348.969	341.782
10)	L2 AR-1221-3	4.975	4.262	20034632	17682378	419.278	421.132
11)	L3 AR-1232-1	5.312	4.585	27223898	14114242	1396.013	1475.548
12)	L3 AR-1232-2	5.509	5.000	26855069	53108711	1466.252	1595.229
13)	L3 AR-1232-3	5.777	5.057	37982685	34857106	1451.144	1506.459
14)	L3 AR-1232-4	5.862	5.261	33642806	26240612	1312.473	1629.404
15)	L3 AR-1232-5	6.256	5.585	27800597	30988617	1528.592	1644.134
16)	L4 AR-1242-1	5.509	4.760	26855069	26413075	782.107	878.902
17)	L4 AR-1242-2	5.777	5.000	37982685	53108711	816.448	890.967
18)	L4 AR-1242-3	5.800	5.179	55610098	28007220	809.343	882.708
19)	L4 AR-1242-4	6.256	5.218	27800597	21191399	777.277	854.929
20)	L4 AR-1242-5	6.398	5.435	30120129	28249519	773.291	814.544
21)	L5 AR-1248-1	6.256	5.218	27800597	21191399	444.954	443.125
22)	L5 AR-1248-2	6.398	5.261	30120129	26240612	575.706	537.605
23)	L5 AR-1248-3	6.634	5.435	26054474	28249519	479.458	477.346
24)	L5 AR-1248-4	6.661	5.788	9142176	28628645	126.880	322.267 #
25)	L5 AR-1248-5	6.850	5.830	21245354	6772976	295.393	111.904 #
26)	L6 AR-1254-1	6.634	5.788	26054474	28628645	309.786	266.761
27)	L6 AR-1254-2	6.850	5.934	21245354	20945387	160.252	222.902 #
28)	L6 AR-1254-3	7.135	6.356	3433354	44695729	42.565	279.189 #
29)	L6 AR-1254-4	7.506	6.569	7812321	3585357	73.143	36.100 #
30)	L6 AR-1254-5	7.925	6.988	66343425	68606518	582.087	493.139
31)	L7 AR-1260-1	7.384	6.471	51757330	54300186	491.461	508.503
32)	L7 AR-1260-2	7.640	6.657	58662872	65968250	463.835	506.418
33)	L7 AR-1260-3	7.925	7.024	66343425	48878061	462.447	467.551
34)	L7 AR-1260-4	8.563	7.525	89791398	106.6E6	426.259	447.901
35)	L7 AR-1260-5	8.905	7.874	54713317	73055060	413.321	420.790
36)	L8 AR-1262-1	7.384	6.471	51757330	54300186	588.288	625.153
37)	L8 AR-1262-2	7.640	6.657	58662872	65968250	569.339	629.864
38)	L8 AR-1262-3	7.925	7.024	66343425	48878061	668.093	332.513 #
39)	L8 AR-1262-4	8.232	7.287	45608302	45399695	354.922	341.849
40)	L8 AR-1262-5	8.563	7.525	89791398	106.6E6	358.391	381.891
41)	L9 AR-1268-1	8.905	7.811	54713317	21575713	222.358	80.934 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082118\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2018 23:59
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

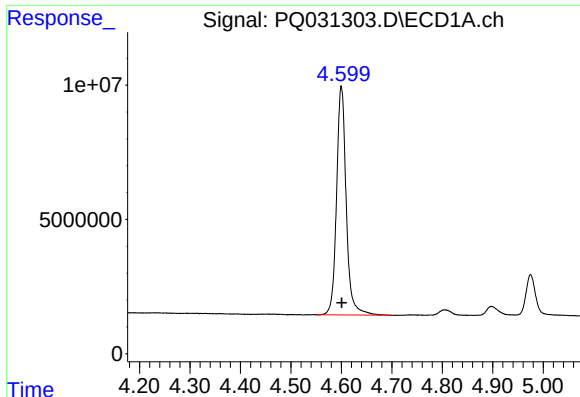
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 00:42:35 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 21 05:13:46 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	8.964	7.874	32028199	73055060	143.910	302.111 #
43)	L9 AR-1268-3	0.000	8.129	0	1346694	N.D.	6.686 #
44)	L9 AR-1268-4	9.670	8.383	22889201	22737935	278.039	255.941
45)	L9 AR-1268-5	10.102	8.691	5972960	5962888	9.895	9.172

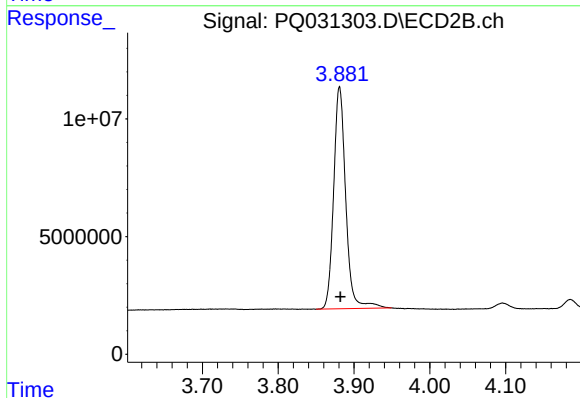
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

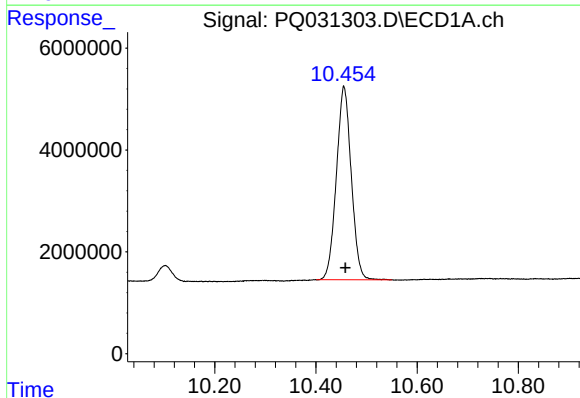
R.T.: 4.600 min
Delta R.T.: -0.001 min
Response: 113176012
Conc: 54.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



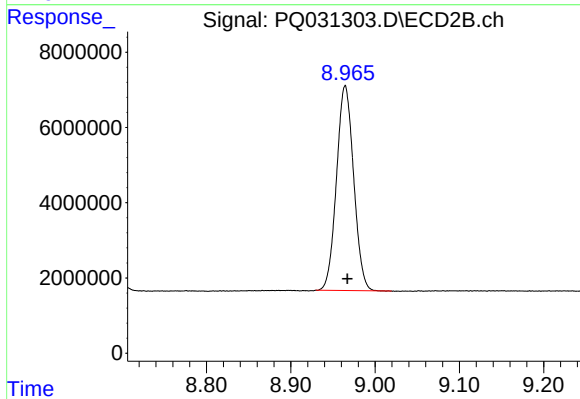
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 104565357
Conc: 58.36 ng/ml



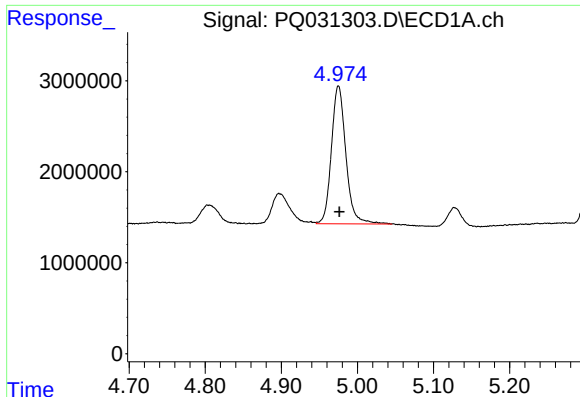
#2 Decachlorobiphenyl

R.T.: 10.455 min
Delta R.T.: -0.003 min
Response: 77338884
Conc: 41.44 ng/ml



#2 Decachlorobiphenyl

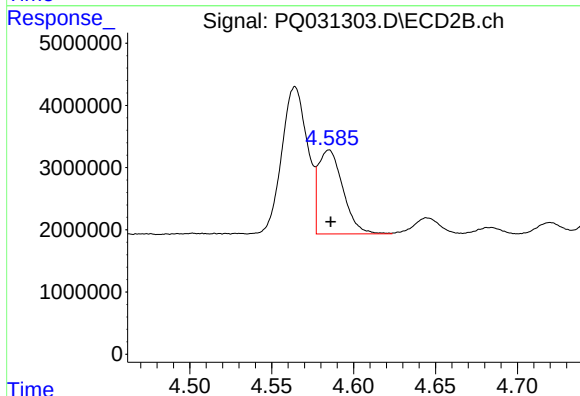
R.T.: 8.965 min
Delta R.T.: -0.003 min
Response: 77064281
Conc: 40.63 ng/ml



#3 AR-1016-1

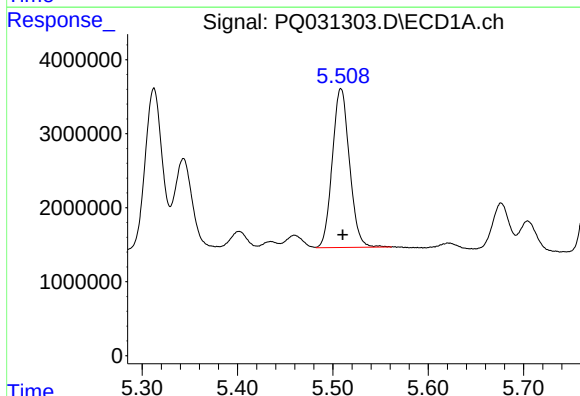
R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 20034632
Conc: 587.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



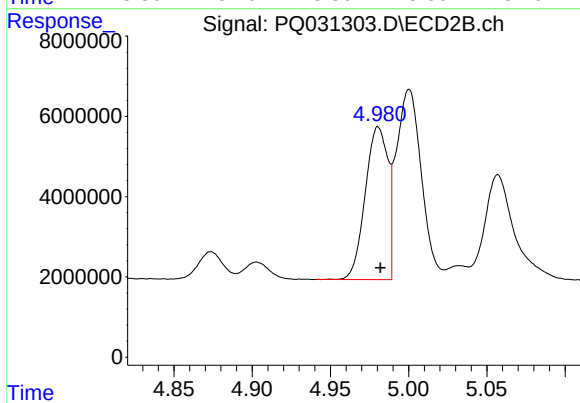
#3 AR-1016-1

R.T.: 4.585 min
Delta R.T.: -0.001 min
Response: 14114242
Conc: 574.19 ng/ml



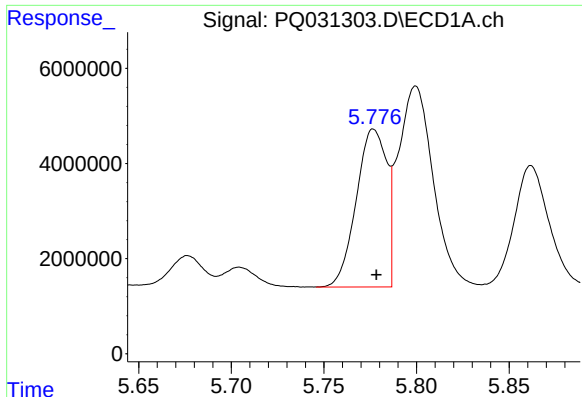
#4 AR-1016-2

R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 26855069
Conc: 556.70 ng/ml



#4 AR-1016-2

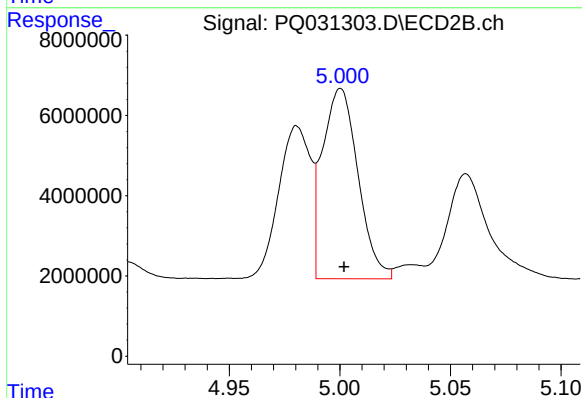
R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 38281895
Conc: 616.07 ng/ml



#5 AR-1016-3

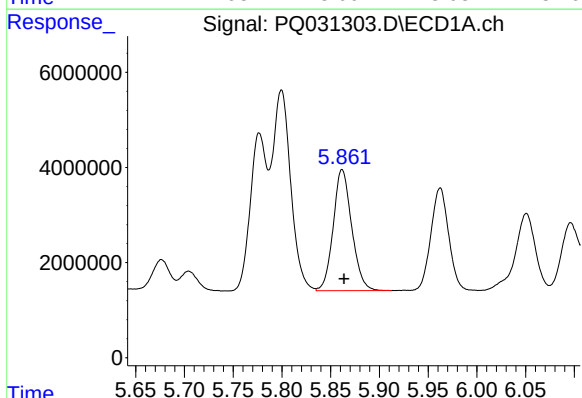
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 37982685
Conc: 550.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



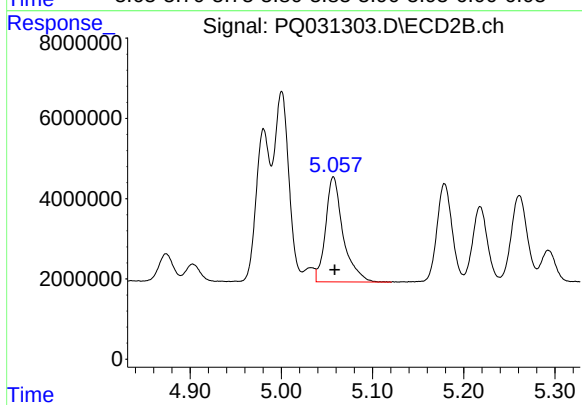
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 53108711
Conc: 602.09 ng/ml



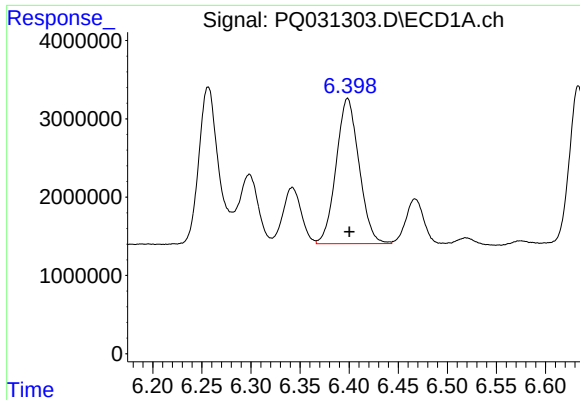
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 33642806
Conc: 531.16 ng/ml



#6 AR-1016-4

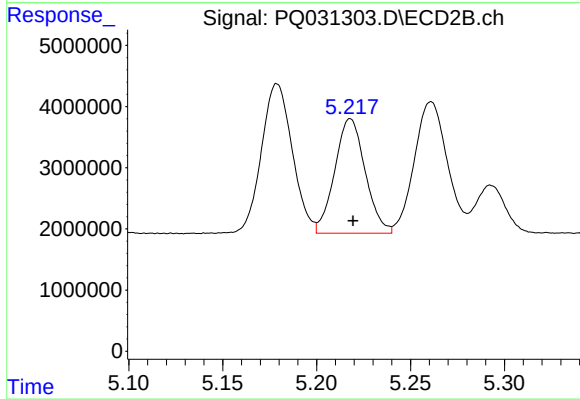
R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 34857106
Conc: 613.36 ng/ml



#7 AR-1016-5

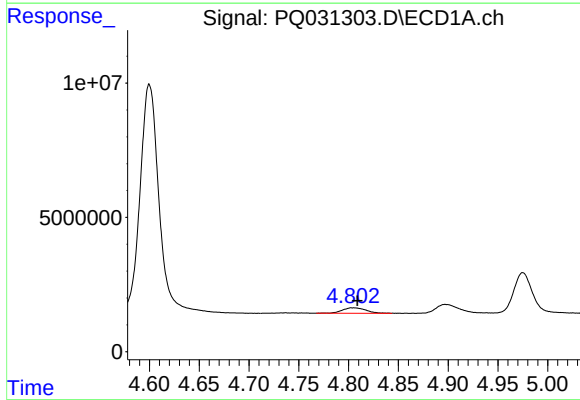
R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 30120129
Conc: 544.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



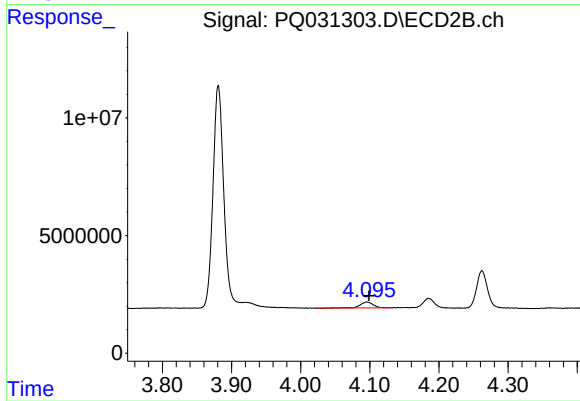
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 21191399
Conc: 599.52 ng/ml



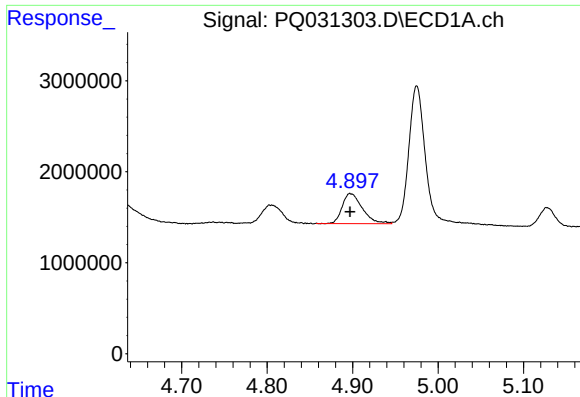
#8 AR-1221-1

R.T.: 4.804 min
Delta R.T.: -0.005 min
Response: 3292399
Conc: 164.93 ng/ml



#8 AR-1221-1

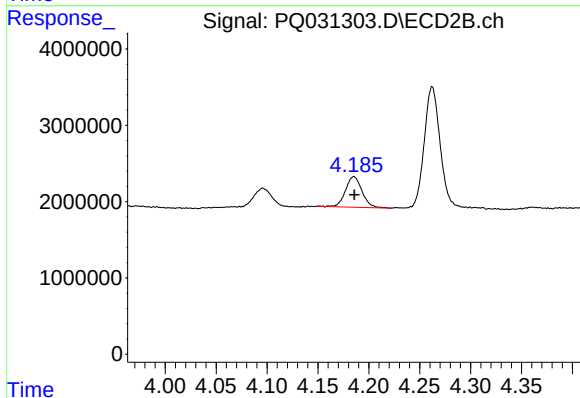
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 3336399
Conc: 207.83 ng/ml



#9 AR-1221-2

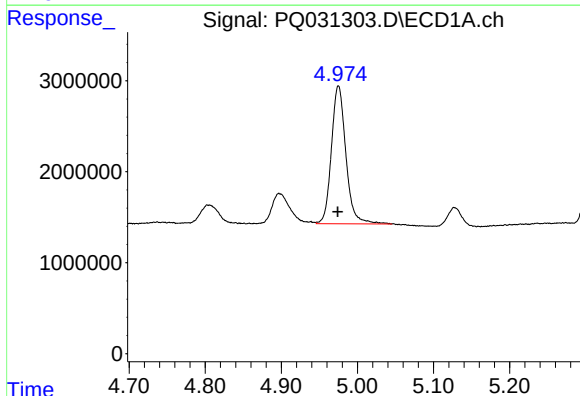
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 5425968
Conc: 348.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



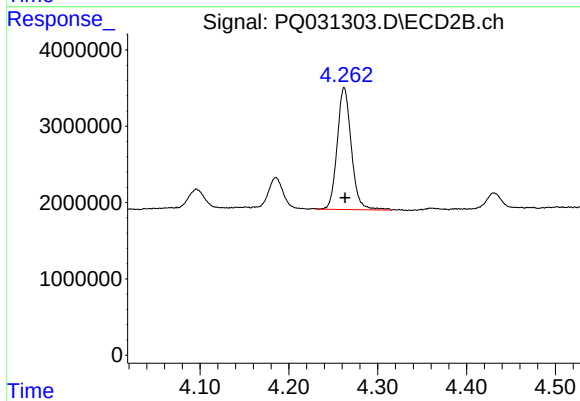
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 4537685
Conc: 341.78 ng/ml



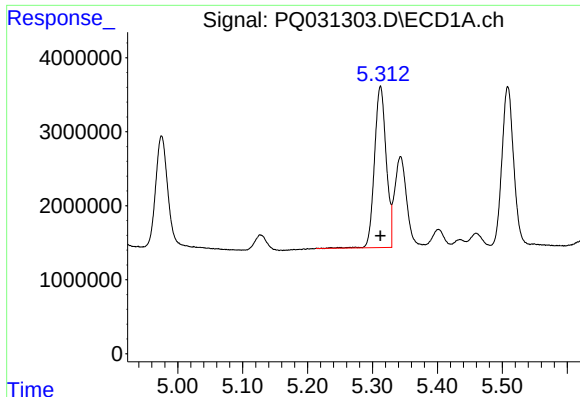
#10 AR-1221-3

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 20034632
Conc: 419.28 ng/ml



#10 AR-1221-3

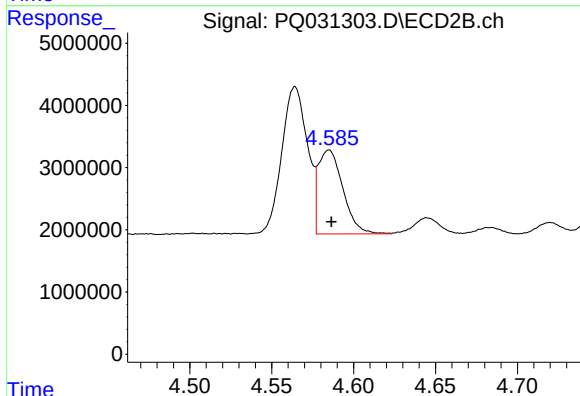
R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 17682378
Conc: 421.13 ng/ml



#11 AR-1232-1

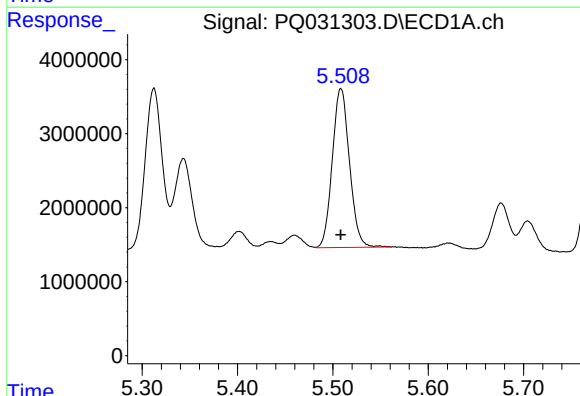
R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 27223898
Conc: 1396.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



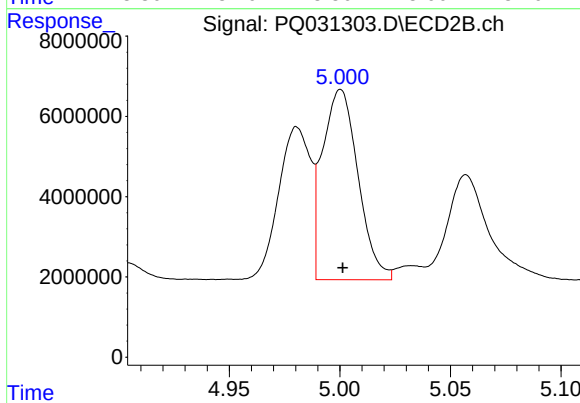
#11 AR-1232-1

R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 14114242
Conc: 1475.55 ng/ml



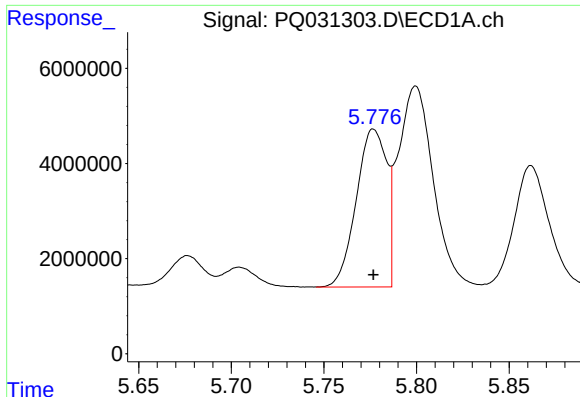
#12 AR-1232-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 26855069
Conc: 1466.25 ng/ml



#12 AR-1232-2

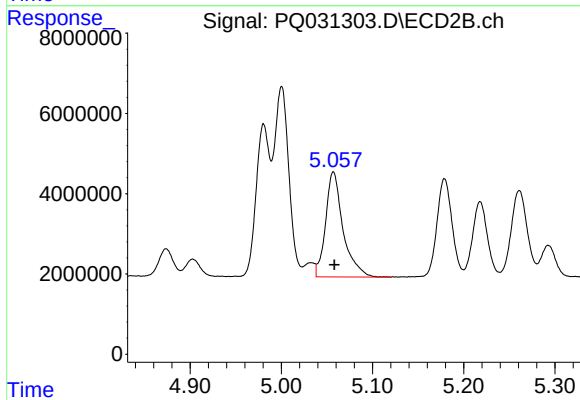
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 53108711
Conc: 1595.23 ng/ml



#13 AR-1232-3

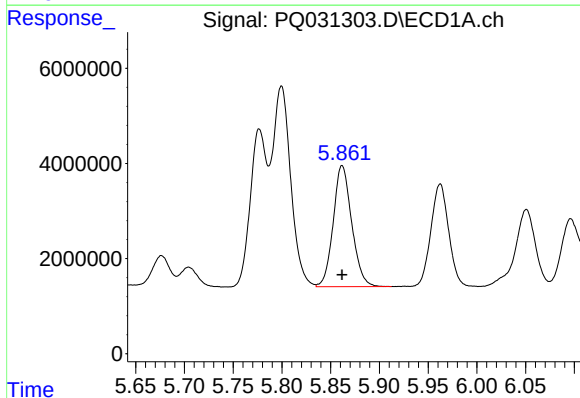
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 37982685
Conc: 1451.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



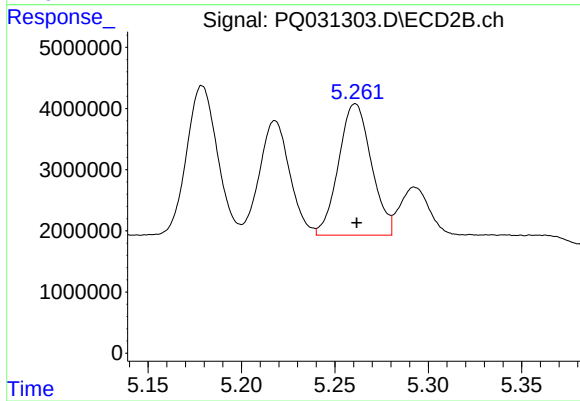
#13 AR-1232-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 34857106
Conc: 1506.46 ng/ml



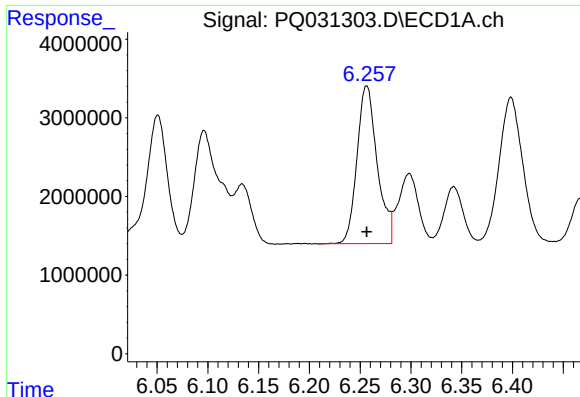
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 33642806
Conc: 1312.47 ng/ml



#14 AR-1232-4

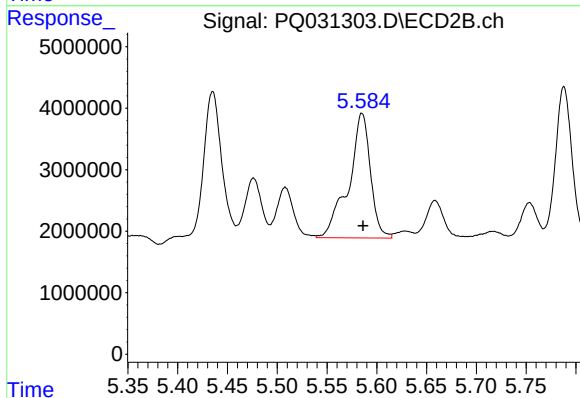
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 26240612
Conc: 1629.40 ng/ml



#15 AR-1232-5

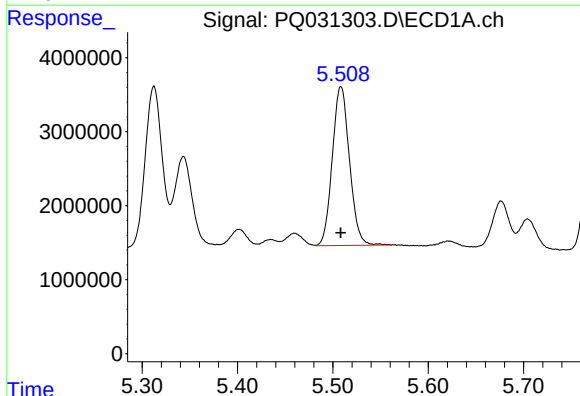
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 27800597
Conc: 1528.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



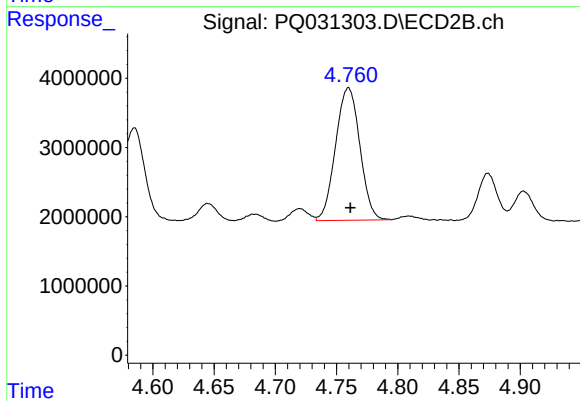
#15 AR-1232-5

R.T.: 5.585 min
Delta R.T.: -0.001 min
Response: 30988617
Conc: 1644.13 ng/ml



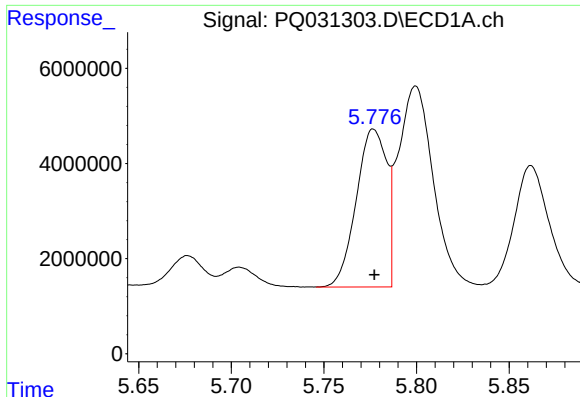
#16 AR-1242-1

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 26855069
Conc: 782.11 ng/ml



#16 AR-1242-1

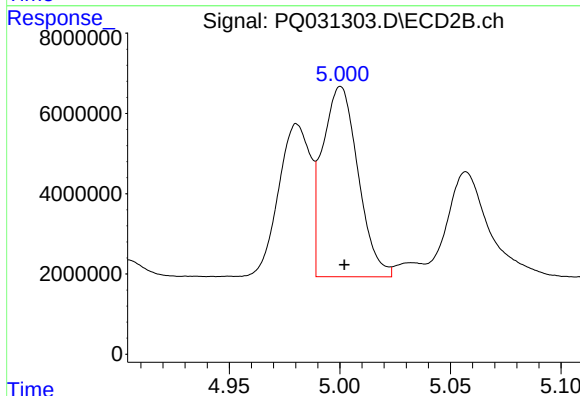
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 26413075
Conc: 878.90 ng/ml



#17 AR-1242-2

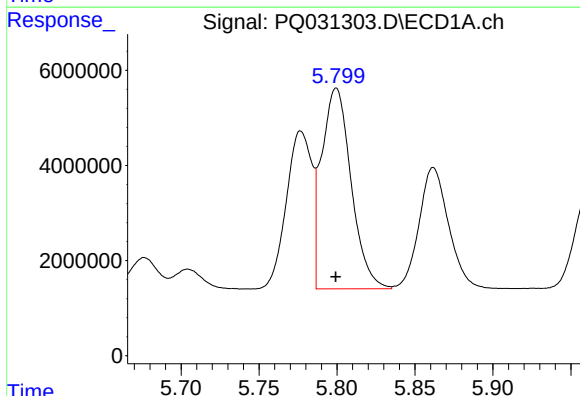
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 37982685
Conc: 816.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



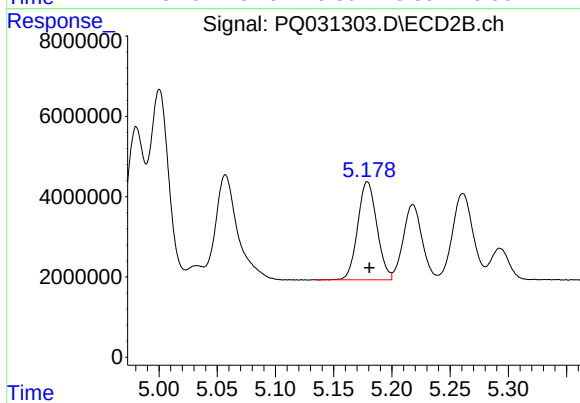
#17 AR-1242-2

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 53108711
Conc: 890.97 ng/ml



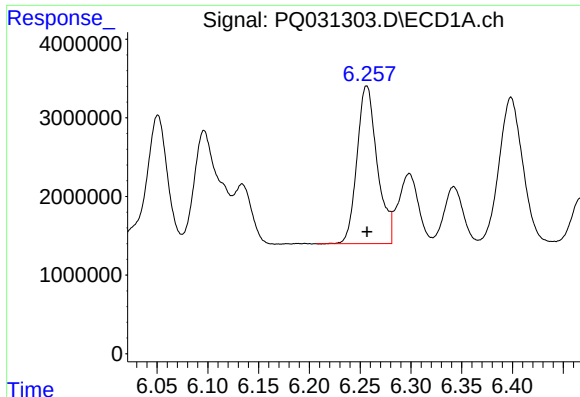
#18 AR-1242-3

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 55610098
Conc: 809.34 ng/ml



#18 AR-1242-3

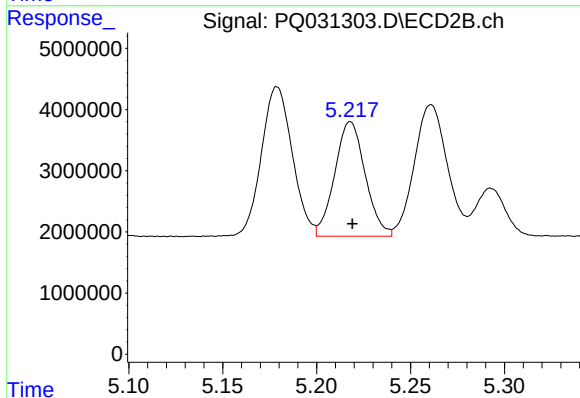
R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 28007220
Conc: 882.71 ng/ml



#19 AR-1242-4

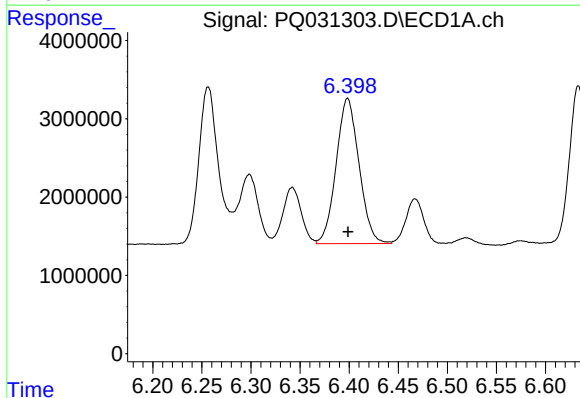
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 27800597
Conc: 777.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



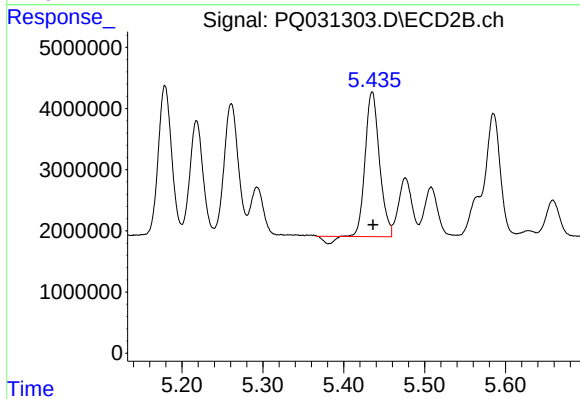
#19 AR-1242-4

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 21191399
Conc: 854.93 ng/ml



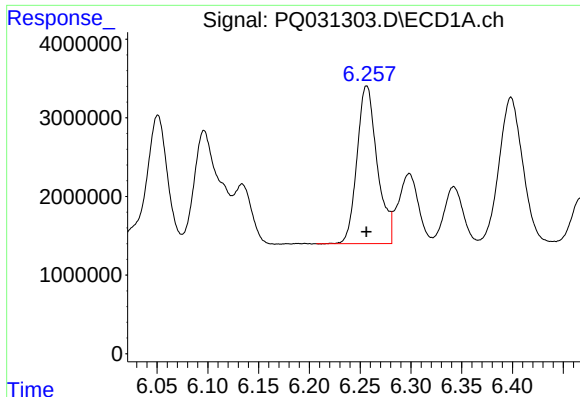
#20 AR-1242-5

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 30120129
Conc: 773.29 ng/ml



#20 AR-1242-5

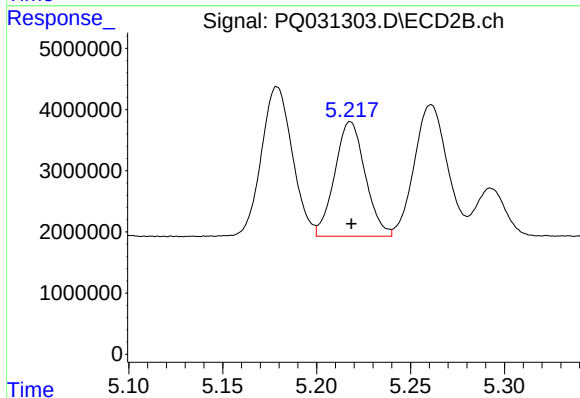
R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 28249519
Conc: 814.54 ng/ml



#21 AR-1248-1

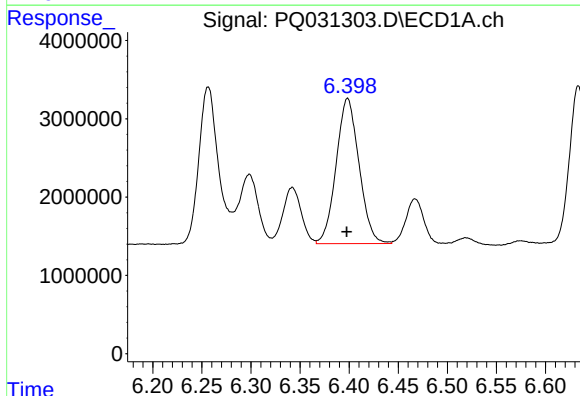
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 27800597
Conc: 444.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



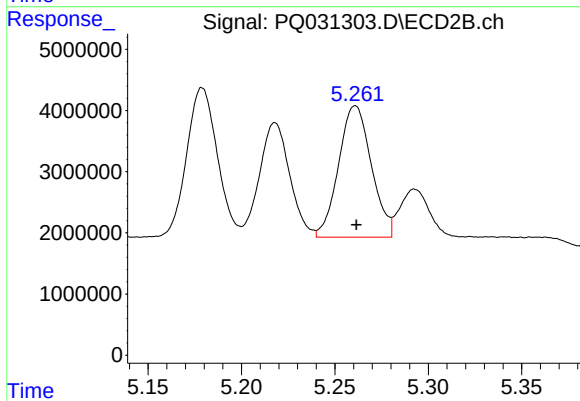
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 21191399
Conc: 443.12 ng/ml



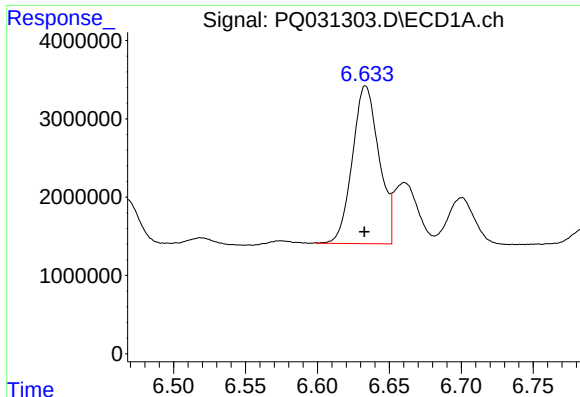
#22 AR-1248-2

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 30120129
Conc: 575.71 ng/ml



#22 AR-1248-2

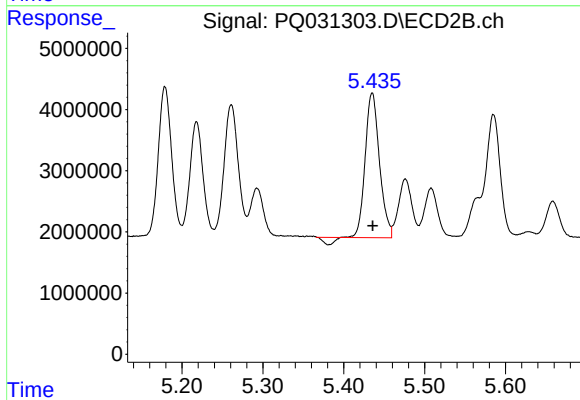
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 26240612
Conc: 537.60 ng/ml



#23 AR-1248-3

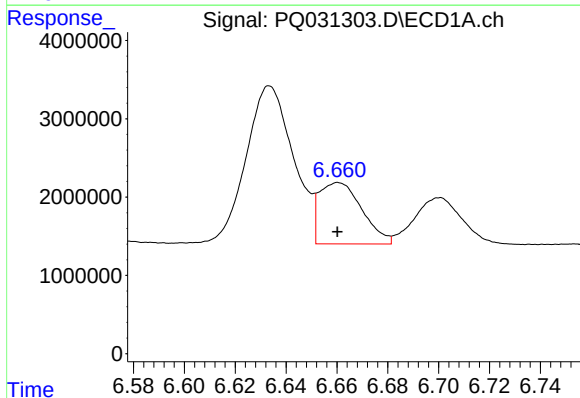
R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 26054474
Conc: 479.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



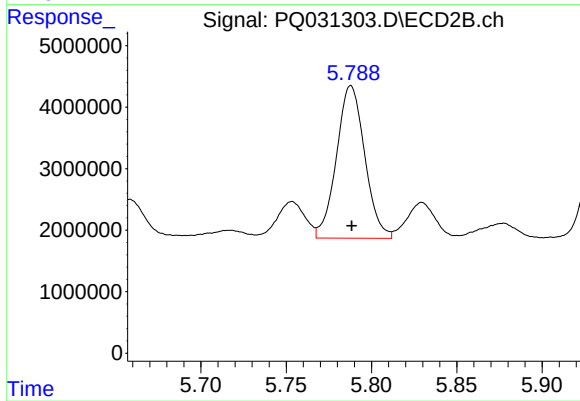
#23 AR-1248-3

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 28249519
Conc: 477.35 ng/ml



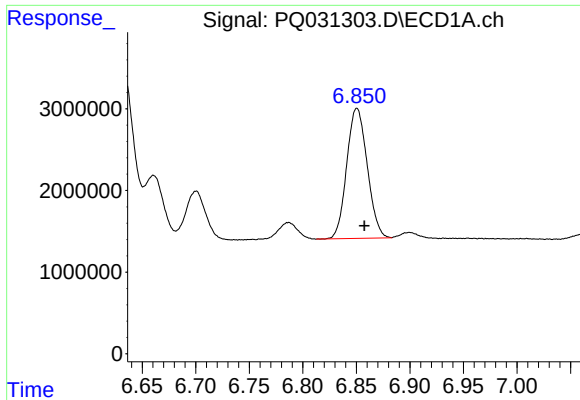
#24 AR-1248-4

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 9142176
Conc: 126.88 ng/ml



#24 AR-1248-4

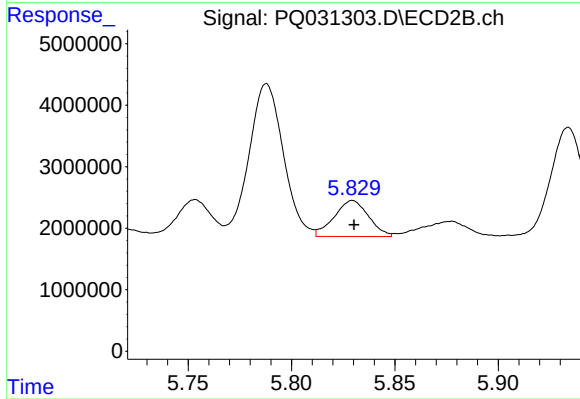
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 28628645
Conc: 322.27 ng/ml



#25 AR-1248-5

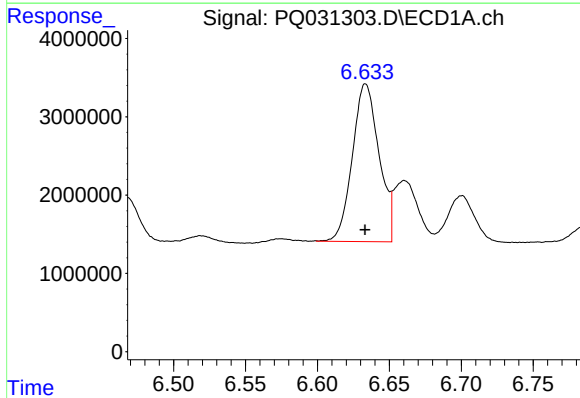
R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 21245354
Conc: 295.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



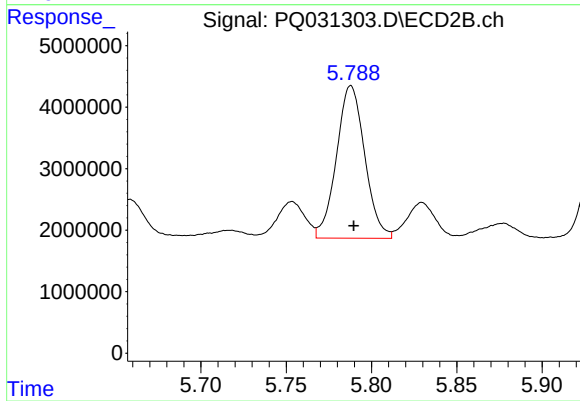
#25 AR-1248-5

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 6772976
Conc: 111.90 ng/ml



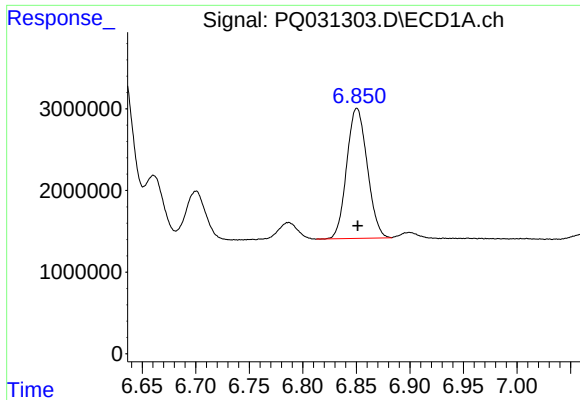
#26 AR-1254-1

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 26054474
Conc: 309.79 ng/ml



#26 AR-1254-1

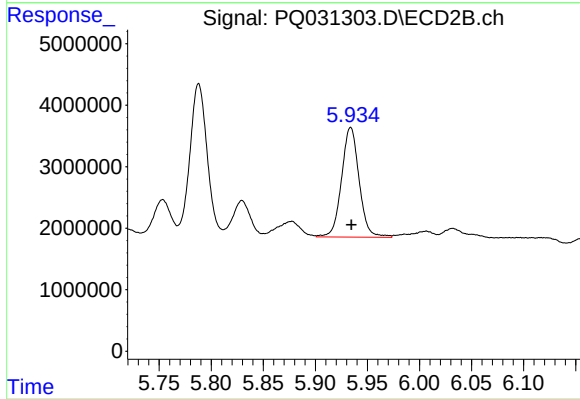
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 28628645
Conc: 266.76 ng/ml



#27 AR-1254-2

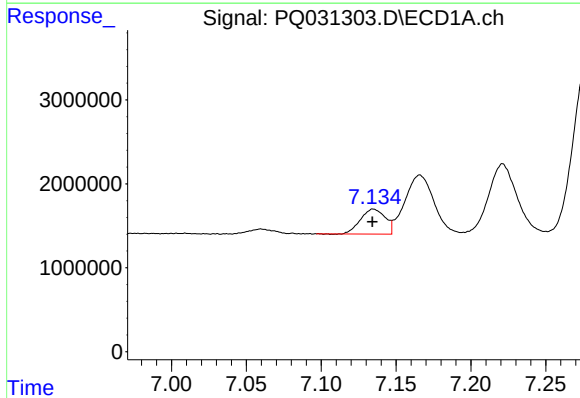
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 21245354
Conc: 160.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



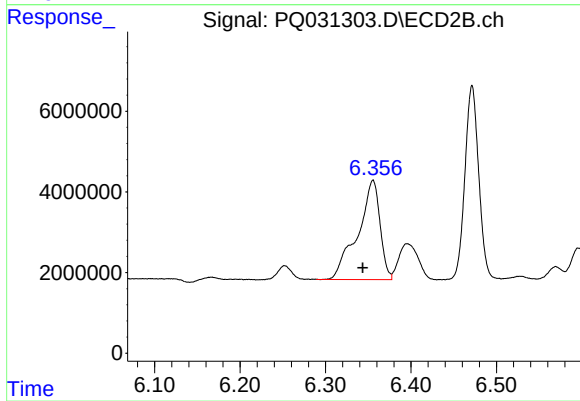
#27 AR-1254-2

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 20945387
Conc: 222.90 ng/ml



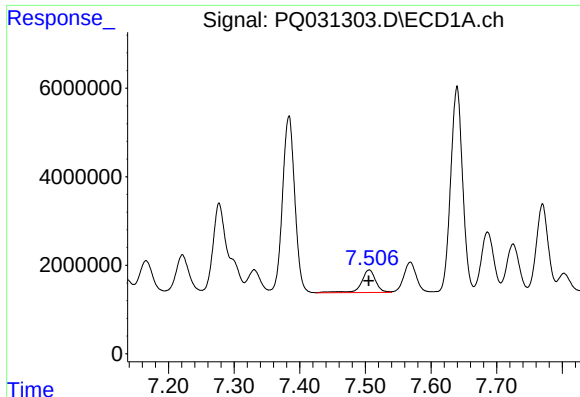
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 3433354
Conc: 42.56 ng/ml



#28 AR-1254-3

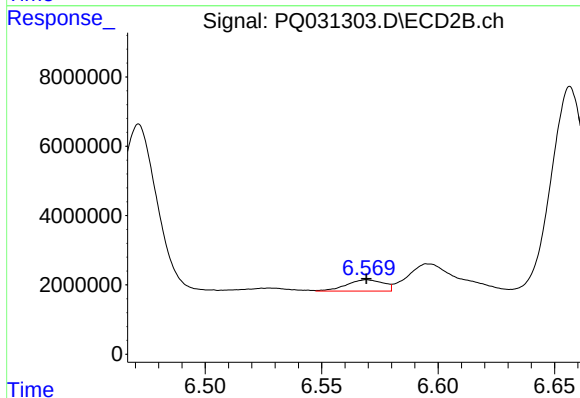
R.T.: 6.356 min
Delta R.T.: 0.012 min
Response: 44695729
Conc: 279.19 ng/ml



#29 AR-1254-4

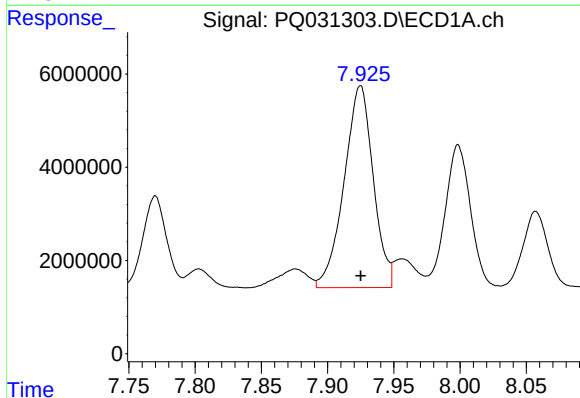
R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 7812321
Conc: 73.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



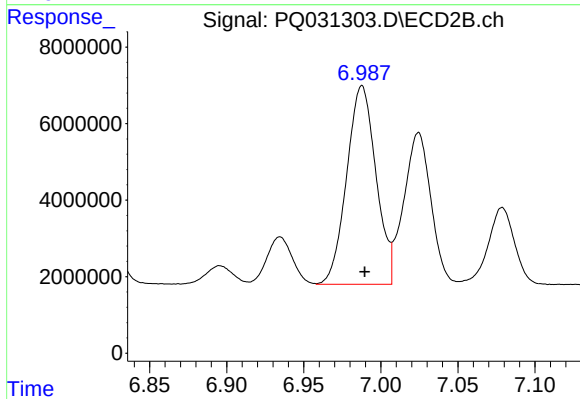
#29 AR-1254-4

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 3585357
Conc: 36.10 ng/ml



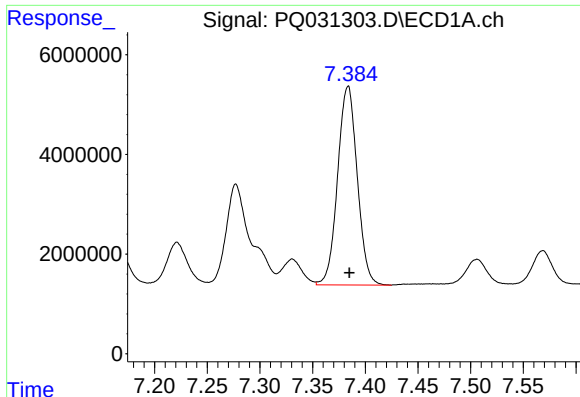
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 66343425
Conc: 582.09 ng/ml



#30 AR-1254-5

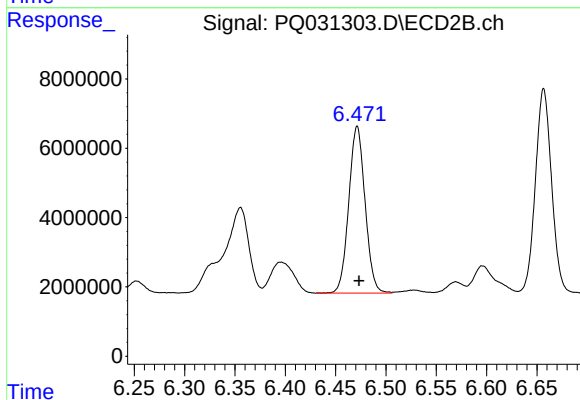
R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 68606518
Conc: 493.14 ng/ml



#31 AR-1260-1

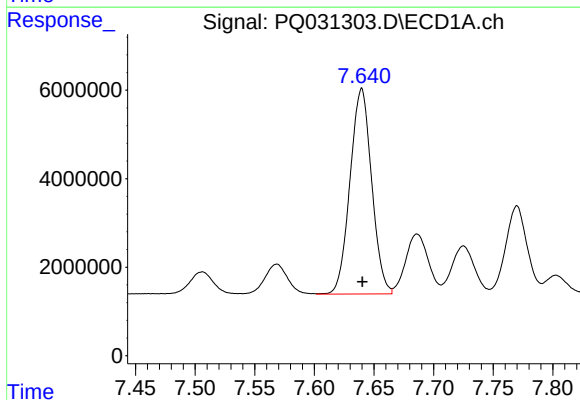
R.T.: 7.384 min
Delta R.T.: -0.001 min
Response: 51757330
Conc: 491.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



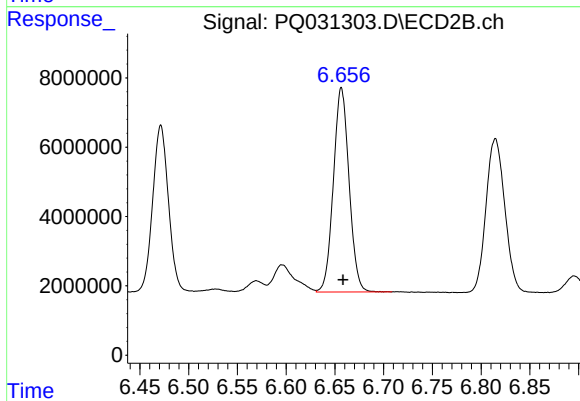
#31 AR-1260-1

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 54300186
Conc: 508.50 ng/ml



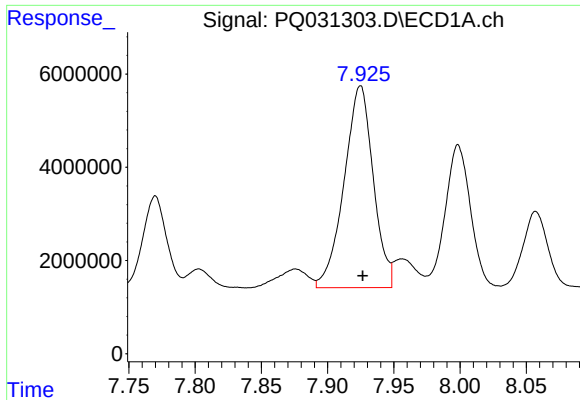
#32 AR-1260-2

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 58662872
Conc: 463.83 ng/ml



#32 AR-1260-2

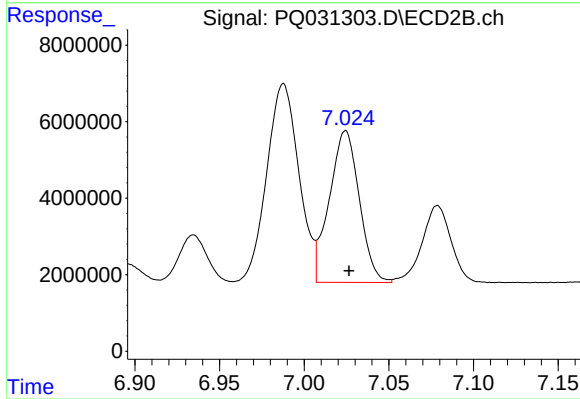
R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 65968250
Conc: 506.42 ng/ml



#33 AR-1260-3

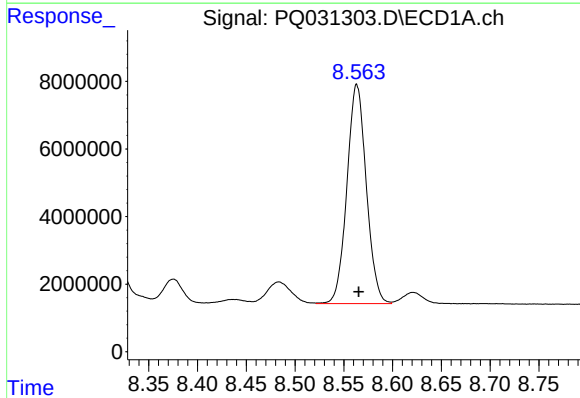
R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 66343425
Conc: 462.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



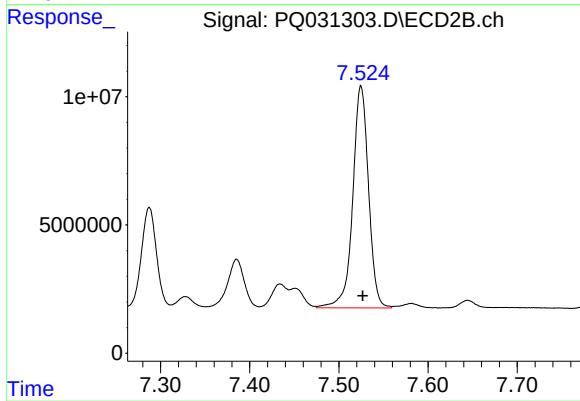
#33 AR-1260-3

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 48878061
Conc: 467.55 ng/ml



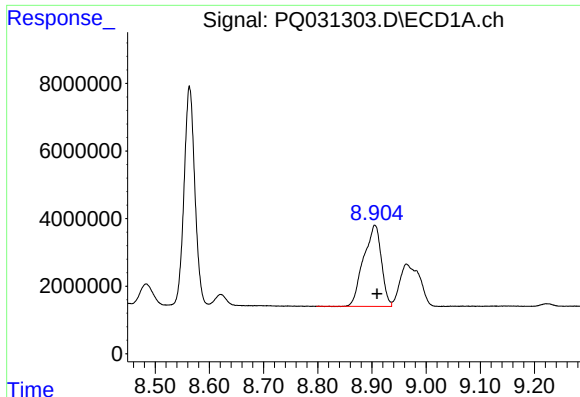
#34 AR-1260-4

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 89791398
Conc: 426.26 ng/ml



#34 AR-1260-4

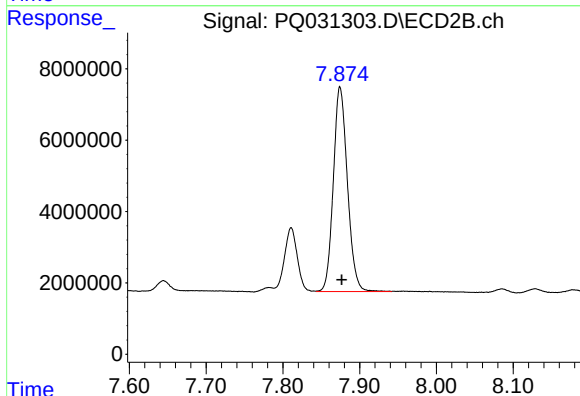
R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 106627649
Conc: 447.90 ng/ml



#35 AR-1260-5

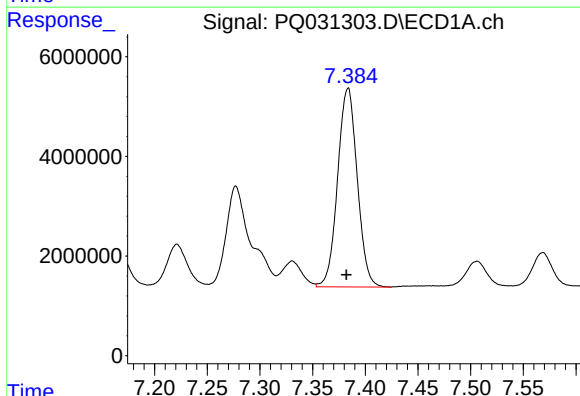
R.T.: 8.905 min
Delta R.T.: -0.004 min
Response: 54713317
Conc: 413.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



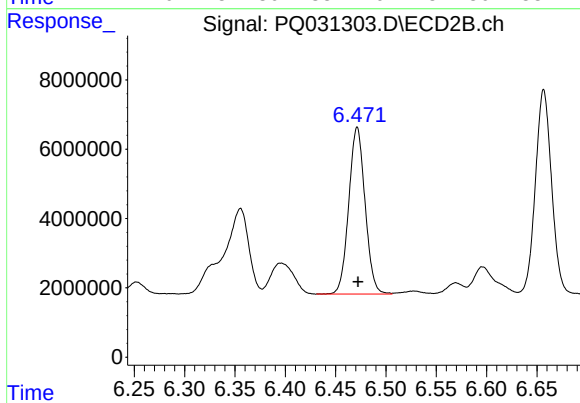
#35 AR-1260-5

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 73055060
Conc: 420.79 ng/ml



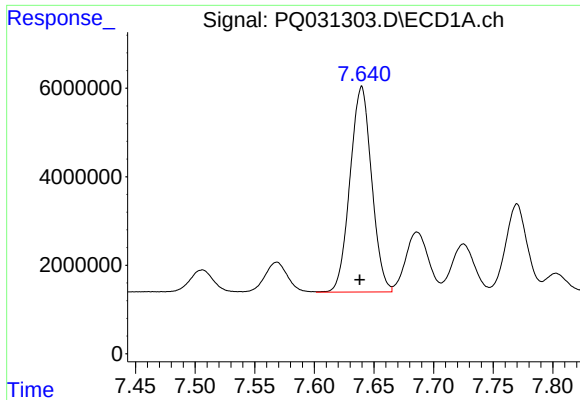
#36 AR-1262-1

R.T.: 7.384 min
Delta R.T.: 0.001 min
Response: 51757330
Conc: 588.29 ng/ml



#36 AR-1262-1

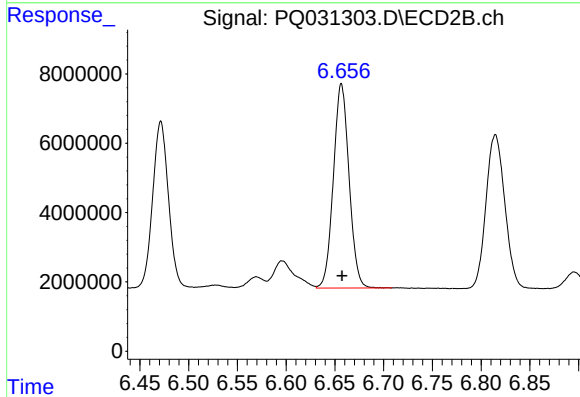
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 54300186
Conc: 625.15 ng/ml



#37 AR-1262-2

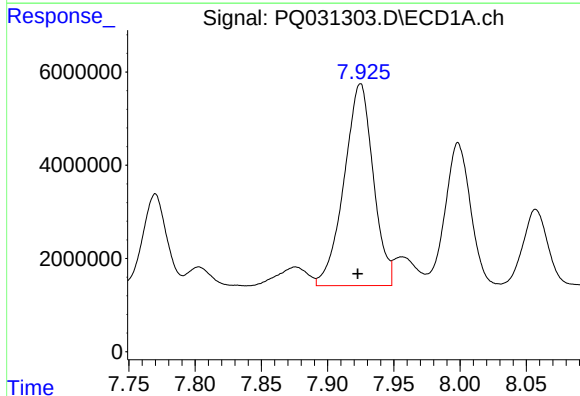
R.T.: 7.640 min
Delta R.T.: 0.002 min
Response: 58662872
Conc: 569.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



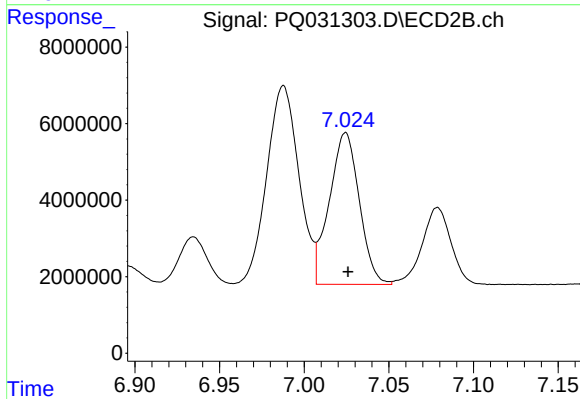
#37 AR-1262-2

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 65968250
Conc: 629.86 ng/ml



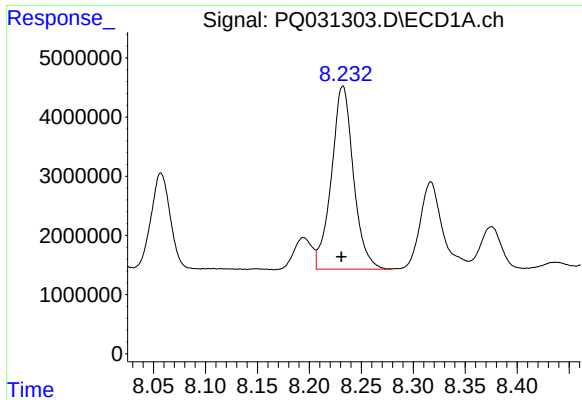
#38 AR-1262-3

R.T.: 7.925 min
Delta R.T.: 0.002 min
Response: 66343425
Conc: 668.09 ng/ml



#38 AR-1262-3

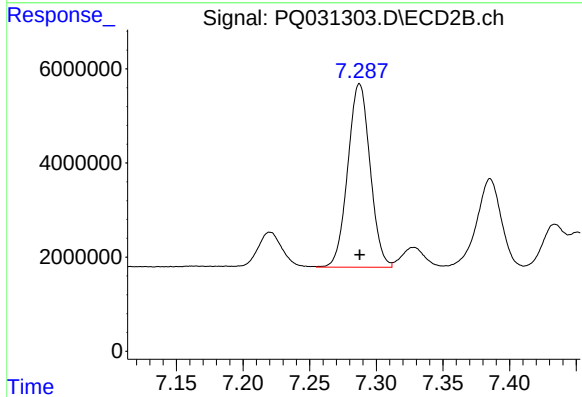
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 48878061
Conc: 332.51 ng/ml



#39 AR-1262-4

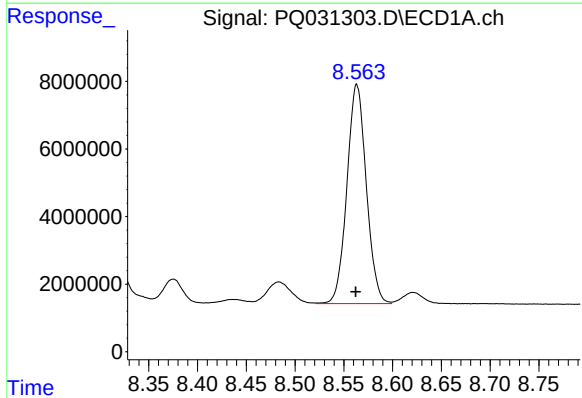
R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 45608302
Conc: 354.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



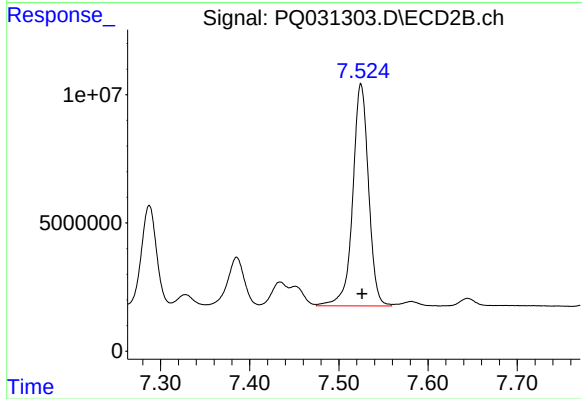
#39 AR-1262-4

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 45399695
Conc: 341.85 ng/ml



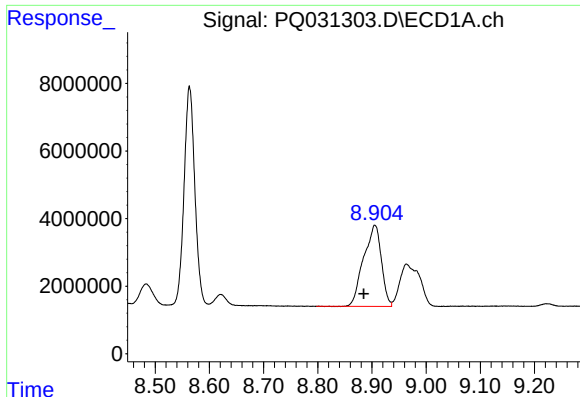
#40 AR-1262-5

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 89791398
Conc: 358.39 ng/ml



#40 AR-1262-5

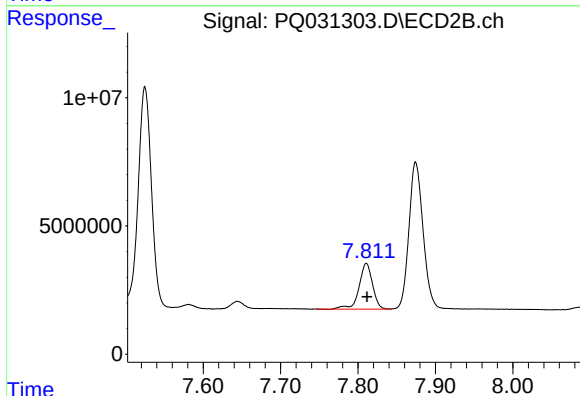
R.T.: 7.525 min
Delta R.T.: -0.001 min
Response: 106627649
Conc: 381.89 ng/ml



#41 AR-1268-1

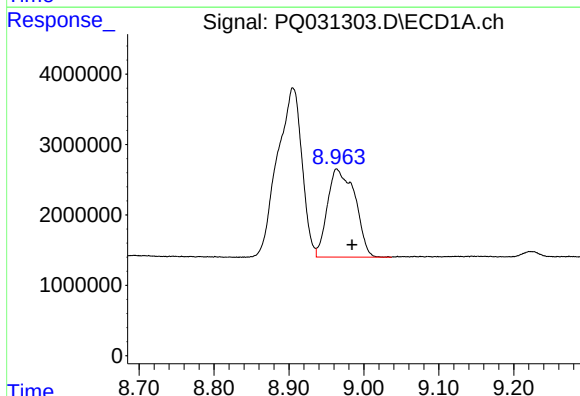
R.T.: 8.905 min
Delta R.T.: 0.021 min
Response: 54713317
Conc: 222.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



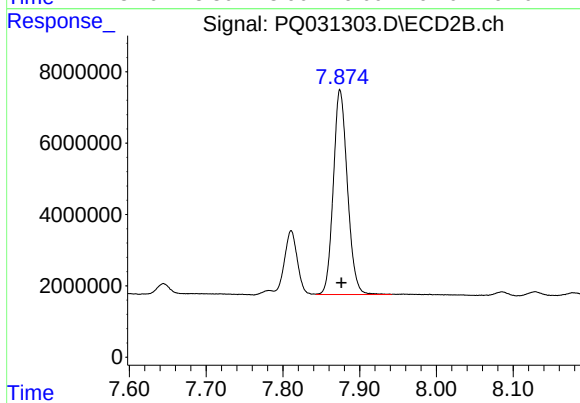
#41 AR-1268-1

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 21575713
Conc: 80.93 ng/ml



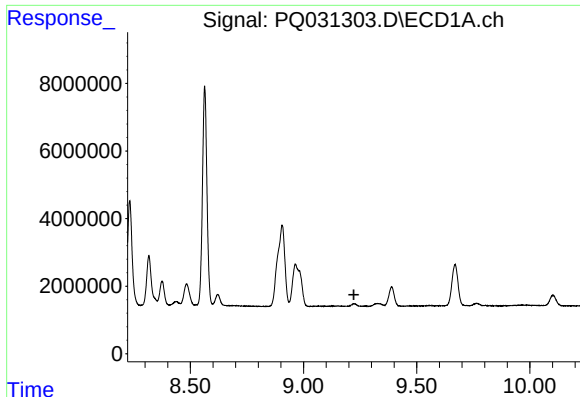
#42 AR-1268-2

R.T.: 8.964 min
Delta R.T.: -0.020 min
Response: 32028199
Conc: 143.91 ng/ml



#42 AR-1268-2

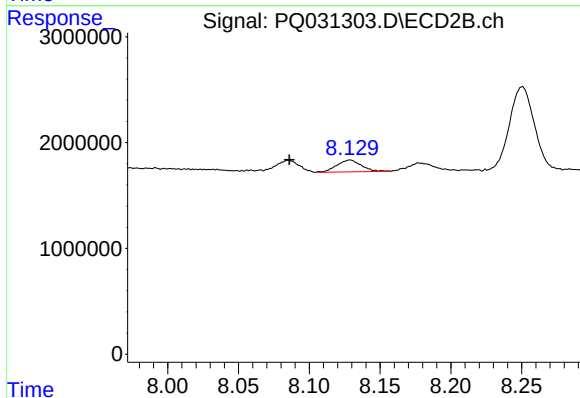
R.T.: 7.874 min
Delta R.T.: -0.001 min
Response: 73055060
Conc: 302.11 ng/ml



#43 AR-1268-3

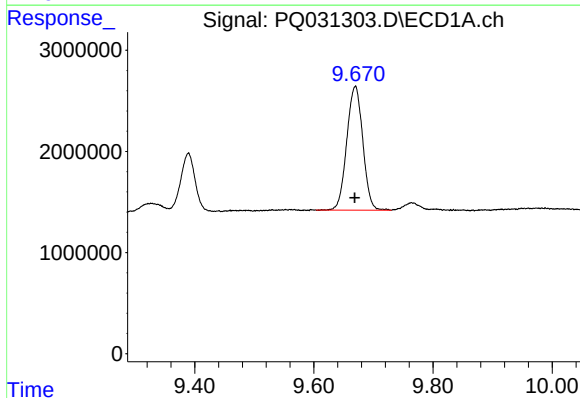
R.T.: 0.000 min
Exp R.T.: 9.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



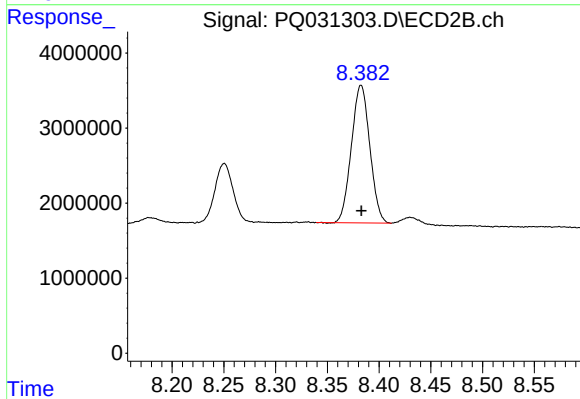
#43 AR-1268-3

R.T.: 8.129 min
Delta R.T.: 0.043 min
Response: 1346694
Conc: 6.69 ng/ml



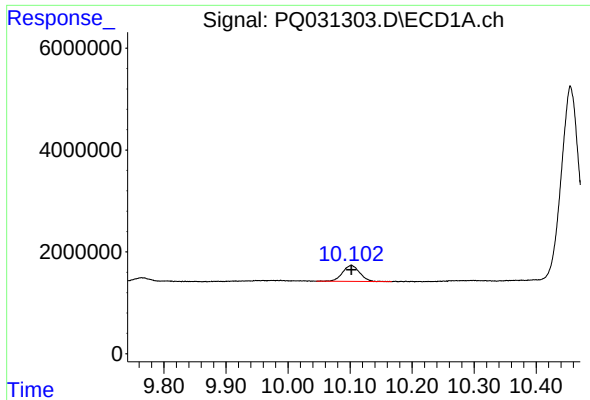
#44 AR-1268-4

R.T.: 9.670 min
Delta R.T.: 0.000 min
Response: 22889201
Conc: 278.04 ng/ml



#44 AR-1268-4

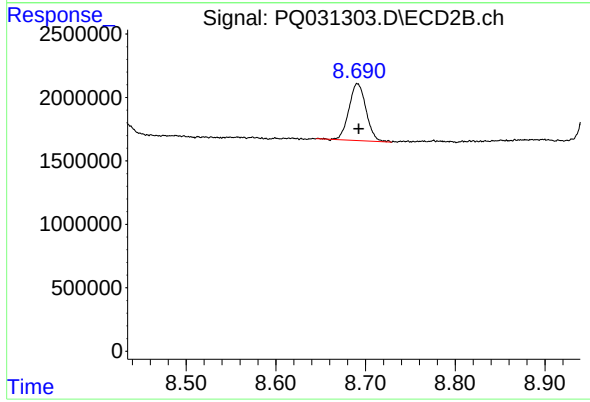
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 22737935
Conc: 255.94 ng/ml



#45 AR-1268-5

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 5972960
Conc: 9.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 5962888
Conc: 9.17 ng/ml