

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083018\
 Data File : PQ031486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2018 14:33
 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 30 02:42:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 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...	4.604	3.881	106.1E6	88511008	50.977	49.451
2)	SA Decachlor...	10.467	8.966	103.8E6	92785411	54.989	48.809
Target Compounds							
3)	L1 AR-1016-1	5.513	4.761	28120657	22956005	576.276	518.064
4)	L1 AR-1016-2	5.867	4.982	36084034	33606138	569.699	539.501
5)	L1 AR-1016-3	5.968	5.002	29272892	47906998	572.068	536.347
6)	L1 AR-1016-4	6.055	5.058	24936898	31564501	574.265	526.719
7)	L1 AR-1016-5	6.404	5.436	32690363	27158205	591.337	533.773
8)	L2 AR-1221-1	4.811	4.097	2965075	2701441	148.529	168.275
9)	L2 AR-1221-2	4.902	4.186	4899848	3971615	315.132	299.145
10)	L2 AR-1221-3	4.979	4.263	18125097	15334501	379.316	365.214
11)	L3 AR-1232-1	5.317	4.586	26400577	12510624	1353.794	1307.901
12)	L3 AR-1232-2	5.513	5.002	28120657	47906998	1535.351	1438.985
13)	L3 AR-1232-3	5.781	5.058	38936921	31564501	1487.601	1364.159
14)	L3 AR-1232-4	5.867	5.261	36084034	24394851	1407.711	1514.792
15)	L3 AR-1232-5	6.261	5.586	29833261	29007894	1640.356	1539.044
16)	L4 AR-1242-1	5.513	4.761	28120657	22956005	818.965	763.867
17)	L4 AR-1242-2	5.781	5.002	38936921	47906998	836.959	803.702
18)	L4 AR-1242-3	5.804	5.181	58480725	25461856	851.122	802.485
19)	L4 AR-1242-4	6.261	5.219	29833261	19669016	834.108	793.511
20)	L4 AR-1242-5	6.404	5.436	32690363	27158205	839.278	783.077
21)	L5 AR-1248-1	6.261	5.219	29833261	19669016	477.488	411.291
22)	L5 AR-1248-2	6.404	5.261	32690363	24394851	624.832	499.790
23)	L5 AR-1248-3	6.639	5.436	28407489	27158205	522.759	458.905
24)	L5 AR-1248-4	6.665	5.790	10072626	28172509	139.793	317.132 #
25)	L5 AR-1248-5	6.856	5.830	24100906	6872453	335.096	113.547 #
26)	L6 AR-1254-1	6.639	5.790	28407489	28172509	337.763	262.511
27)	L6 AR-1254-2	6.856	5.935	24100906	19623967	181.791	208.839
28)	L6 AR-1254-3	7.141	6.357	4066258	46943227	50.411	293.228 #
29)	L6 AR-1254-4	7.512	6.571	9060160	3296814	84.826	33.195 #
30)	L6 AR-1254-5	7.930	6.989	89227120	77627051	782.865	557.977 #
31)	L7 AR-1260-1	7.389	6.473	63579346	57450944	593.313	530.009
32)	L7 AR-1260-2	7.645	6.658	75472172	70373556	590.212	539.206
33)	L7 AR-1260-3	7.930	7.026	89227120	56845844	596.782	534.724
34)	L7 AR-1260-4	8.570	7.526	125.6E6	130.6E6	590.278	542.630
35)	L7 AR-1260-5	8.914	7.876	76152722	90725827	568.447	522.572
36)	L8 AR-1262-1	7.389	6.473	63579346	57450944	722.660	661.427
37)	L8 AR-1262-2	7.645	6.658	75472172	70373556	732.478	671.925
38)	L8 AR-1262-3	7.930	7.026	89227120	56845844	898.536	386.717 #
39)	L8 AR-1262-4	8.239	7.288	62767111	53493117	488.450	402.791
40)	L8 AR-1262-5	8.570	7.526	125.6E6	130.6E6	501.127	467.702
41)	L9 AR-1268-1	8.914	7.812	76152722	25608767	309.489	96.063 #

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 Acq On : 29 Aug 2018 14:33
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

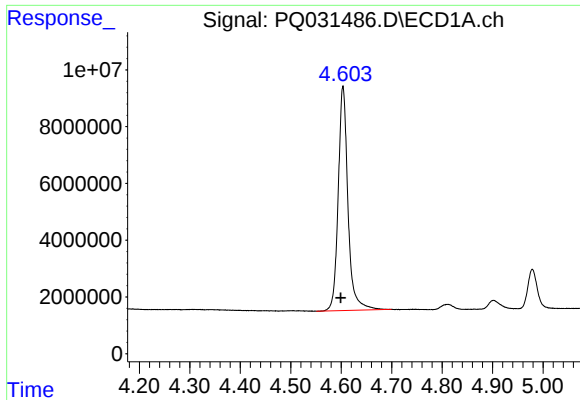
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:42:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
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 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	8.972	7.876	44309247	90725827	199.091	375.186 #
43) L9	AR-1268-3	0.000	8.085	0	1446821	N.D.	7.183 #
44) L9	AR-1268-4	9.678	8.383	30261458	28680088	367.591	322.827
45) L9	AR-1268-5	10.112	8.692	8586741	6997204	14.225	10.763

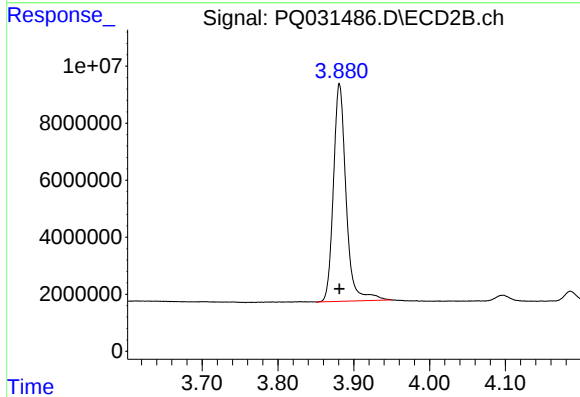
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

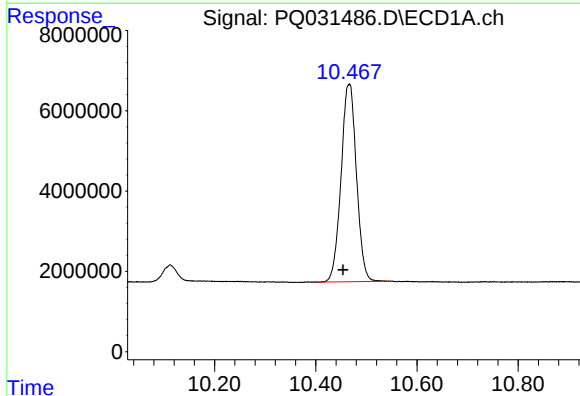
R.T.: 4.604 min
Delta R.T.: 0.005 min
Response: 106072220
Conc: 50.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



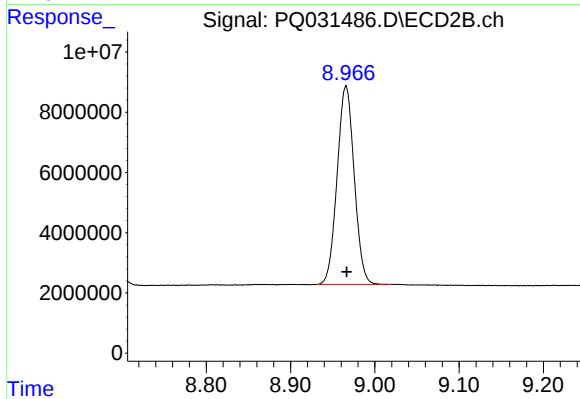
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 88511008
Conc: 49.45 ng/ml



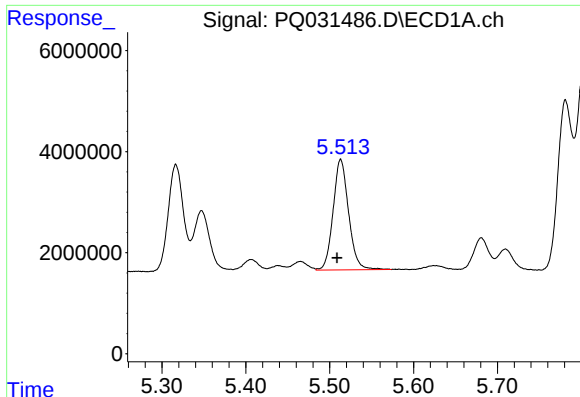
#2 Decachlorobiphenyl

R.T.: 10.467 min
Delta R.T.: 0.012 min
Response: 103835250
Conc: 54.99 ng/ml



#2 Decachlorobiphenyl

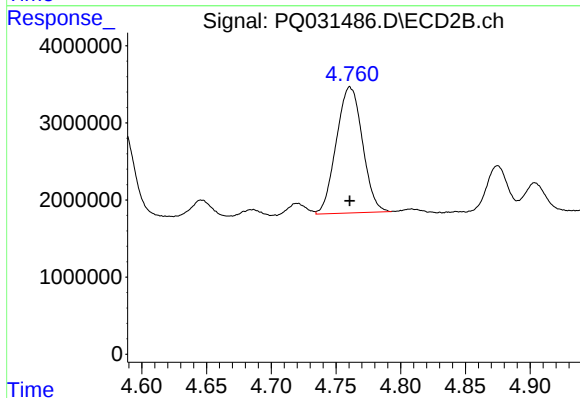
R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 92785411
Conc: 48.81 ng/ml



#3 AR-1016-1

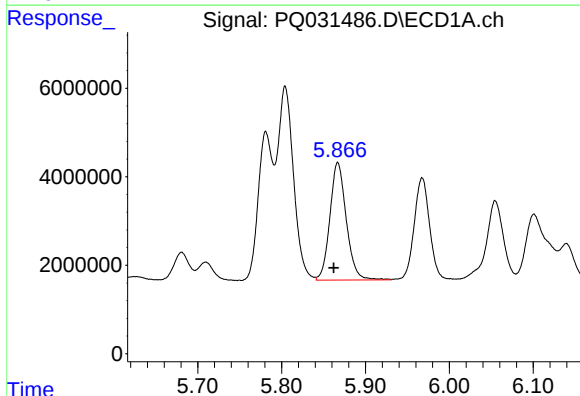
R.T.: 5.513 min
Delta R.T.: 0.004 min
Response: 28120657
Conc: 576.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



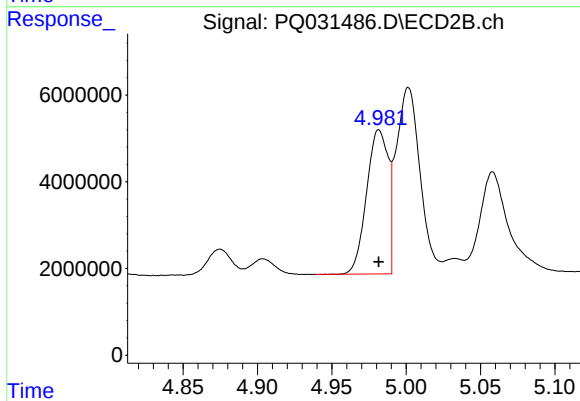
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 22956005
Conc: 518.06 ng/ml



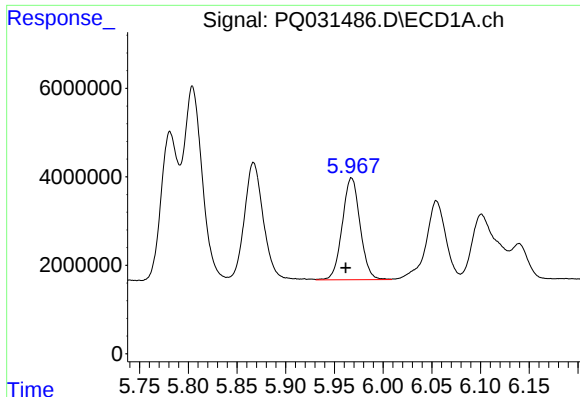
#4 AR-1016-2

R.T.: 5.867 min
Delta R.T.: 0.005 min
Response: 36084034
Conc: 569.70 ng/ml



#4 AR-1016-2

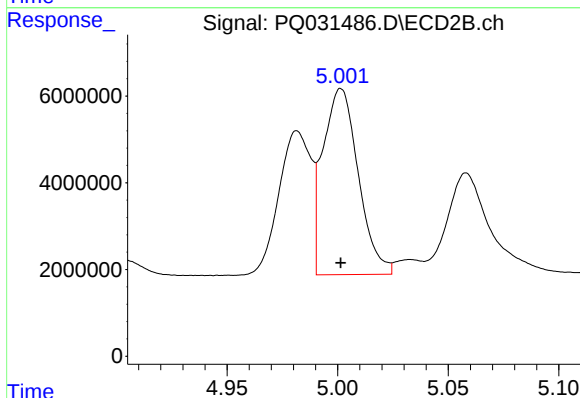
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 33606138
Conc: 539.50 ng/ml



#5 AR-1016-3

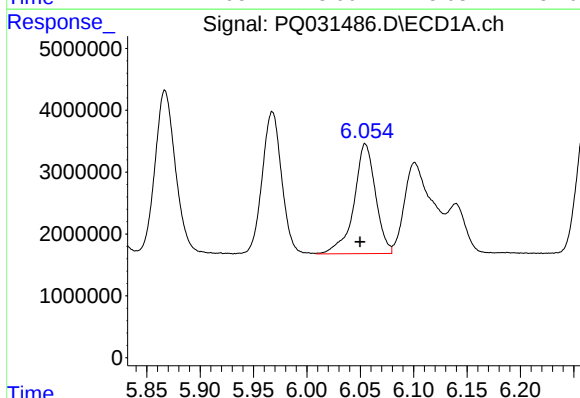
R.T.: 5.968 min
Delta R.T.: 0.006 min
Response: 29272892
Conc: 572.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



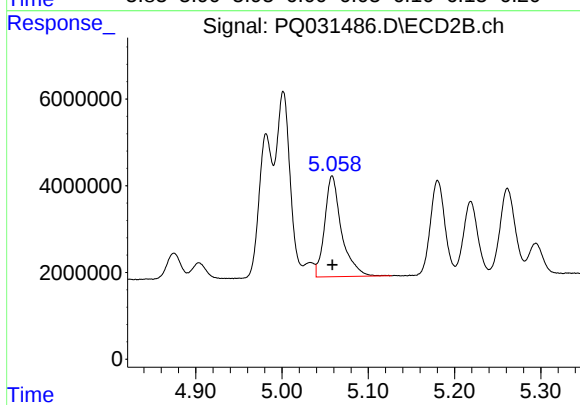
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 47906998
Conc: 536.35 ng/ml



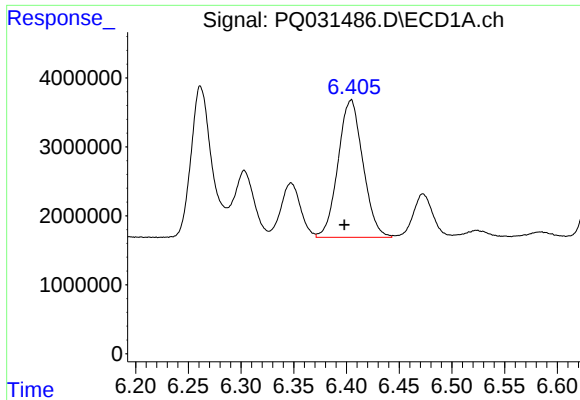
#6 AR-1016-4

R.T.: 6.055 min
Delta R.T.: 0.005 min
Response: 24936898
Conc: 574.27 ng/ml



#6 AR-1016-4

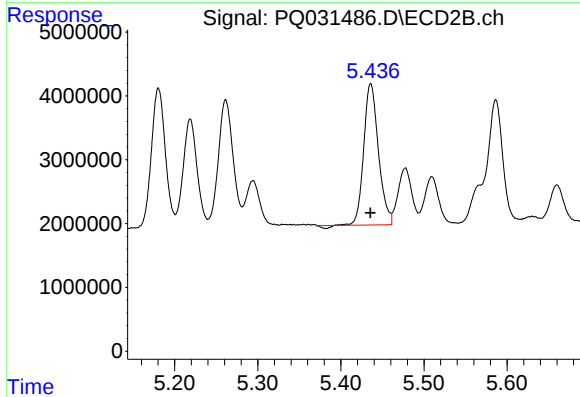
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 31564501
Conc: 526.72 ng/ml



#7 AR-1016-5

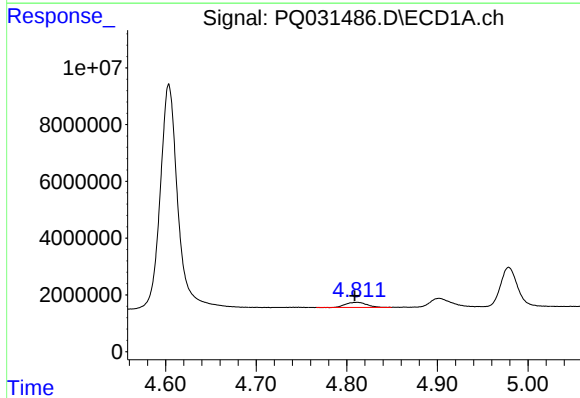
R.T.: 6.404 min
Delta R.T.: 0.006 min
Response: 32690363
Conc: 591.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



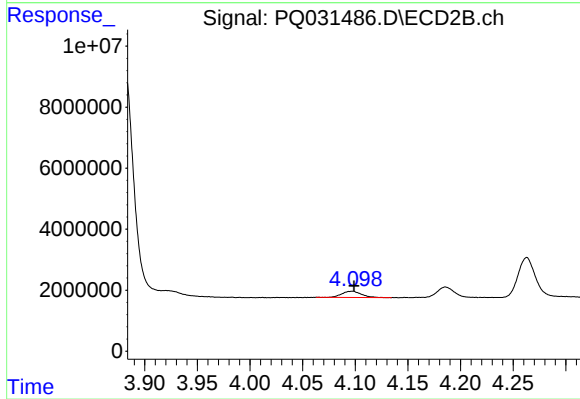
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 27158205
Conc: 533.77 ng/ml



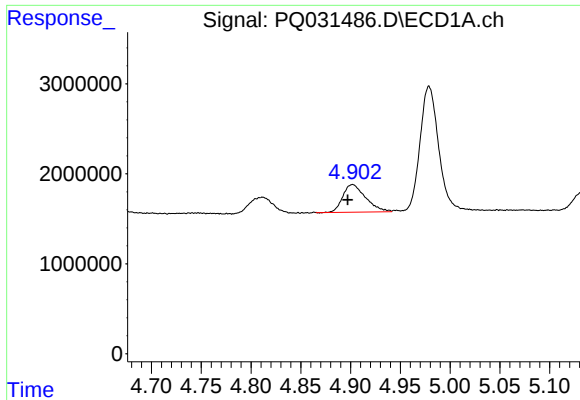
#8 AR-1221-1

R.T.: 4.811 min
Delta R.T.: 0.003 min
Response: 2965075
Conc: 148.53 ng/ml



#8 AR-1221-1

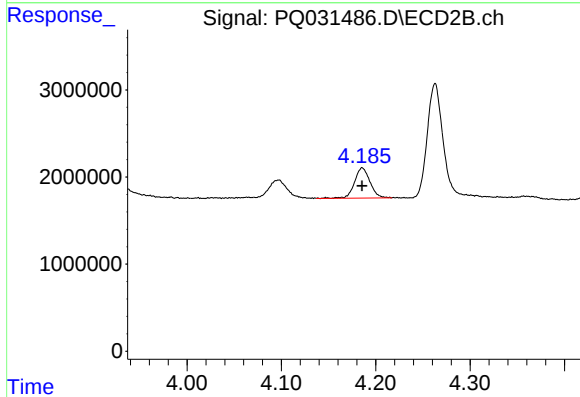
R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 2701441
Conc: 168.28 ng/ml



#9 AR-1221-2

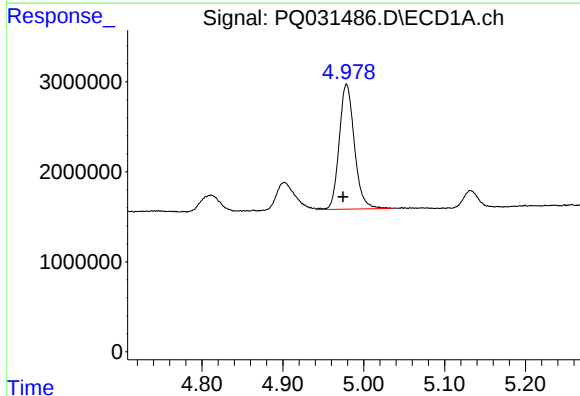
R.T.: 4.902 min
Delta R.T.: 0.005 min
Response: 4899848
Conc: 315.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



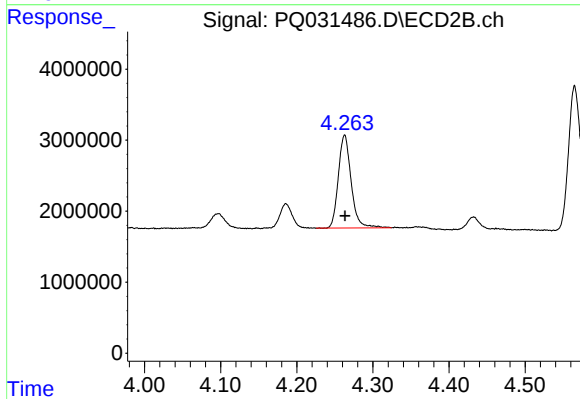
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3971615
Conc: 299.15 ng/ml



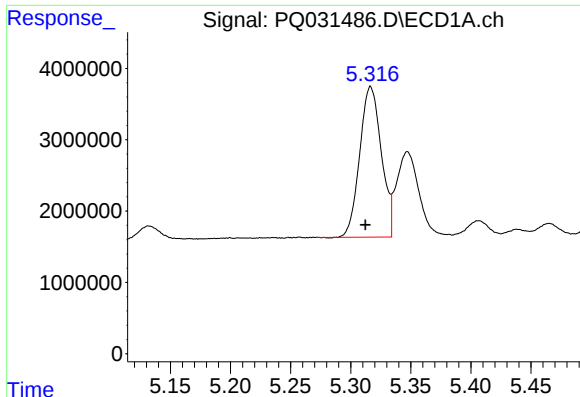
#10 AR-1221-3

R.T.: 4.979 min
Delta R.T.: 0.004 min
Response: 18125097
Conc: 379.32 ng/ml



#10 AR-1221-3

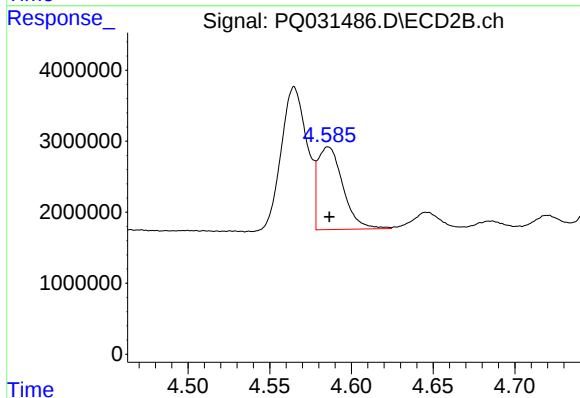
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 15334501
Conc: 365.21 ng/ml



#11 AR-1232-1

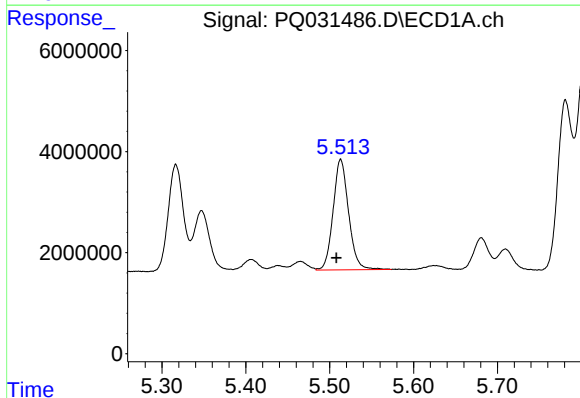
R.T.: 5.317 min
Delta R.T.: 0.004 min
Response: 26400577
Conc: 1353.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



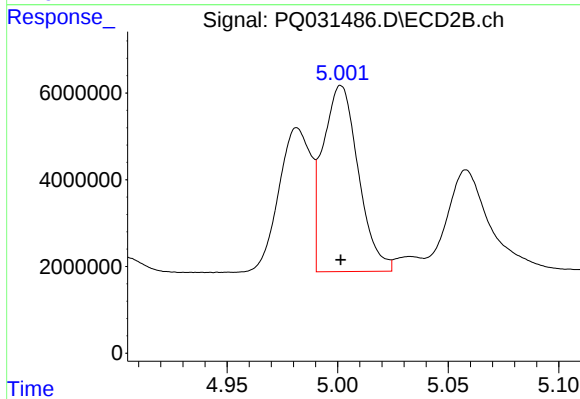
#11 AR-1232-1

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 12510624
Conc: 1307.90 ng/ml



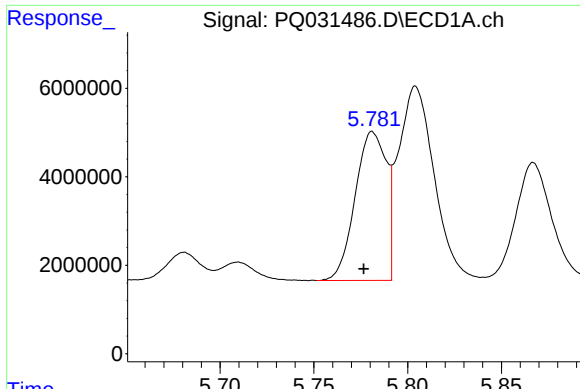
#12 AR-1232-2

R.T.: 5.513 min
Delta R.T.: 0.005 min
Response: 28120657
Conc: 1535.35 ng/ml



#12 AR-1232-2

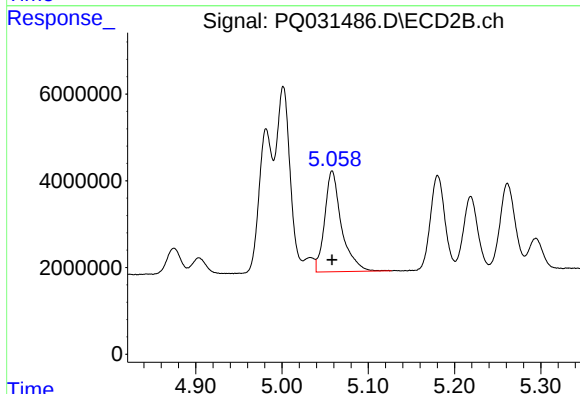
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 47906998
Conc: 1438.98 ng/ml



#13 AR-1232-3

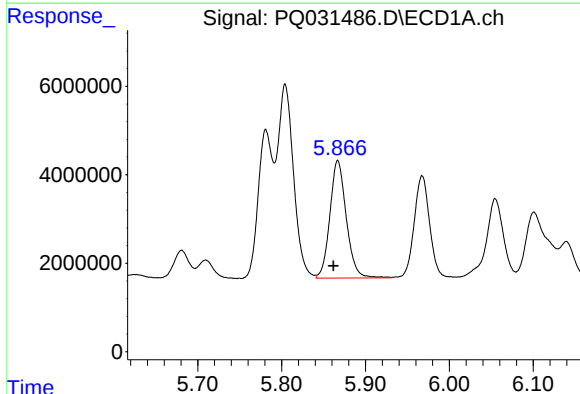
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 38936921
Conc: 1487.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



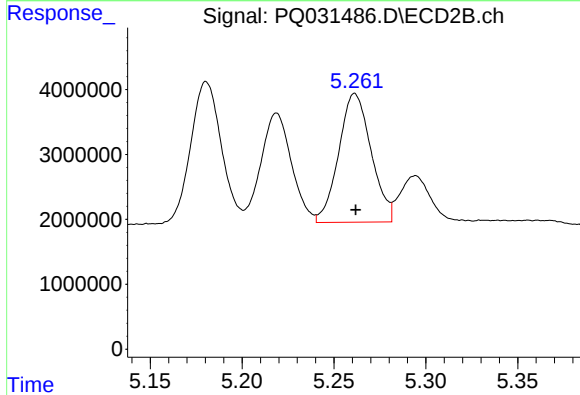
#13 AR-1232-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 31564501
Conc: 1364.16 ng/ml



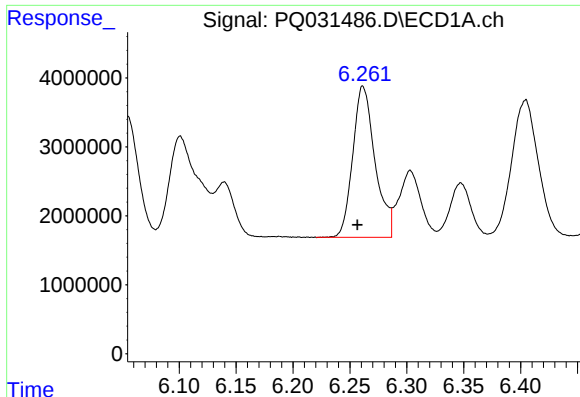
#14 AR-1232-4

R.T.: 5.867 min
Delta R.T.: 0.005 min
Response: 36084034
Conc: 1407.71 ng/ml



#14 AR-1232-4

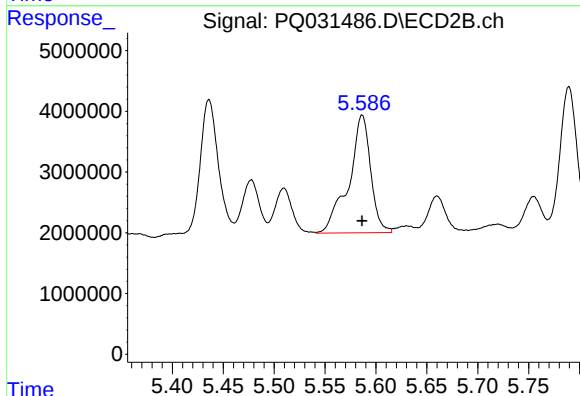
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 24394851
Conc: 1514.79 ng/ml



#15 AR-1232-5

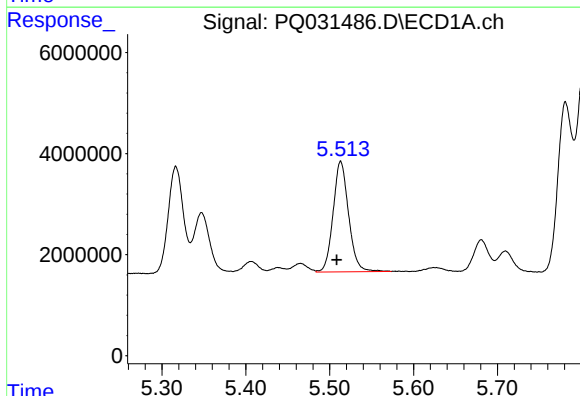
R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 29833261
Conc: 1640.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



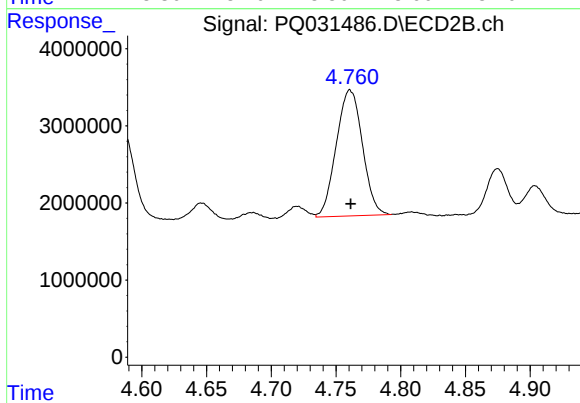
#15 AR-1232-5

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 29007894
Conc: 1539.04 ng/ml



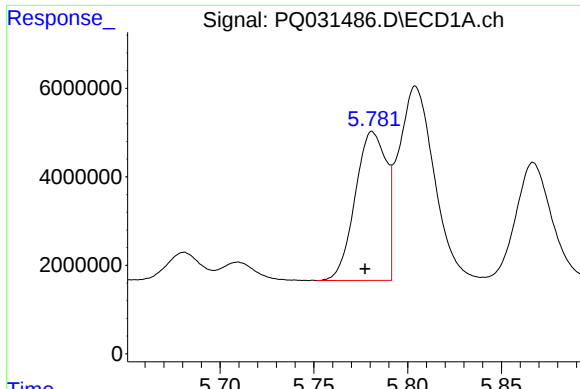
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: 0.005 min
Response: 28120657
Conc: 818.97 ng/ml



#16 AR-1242-1

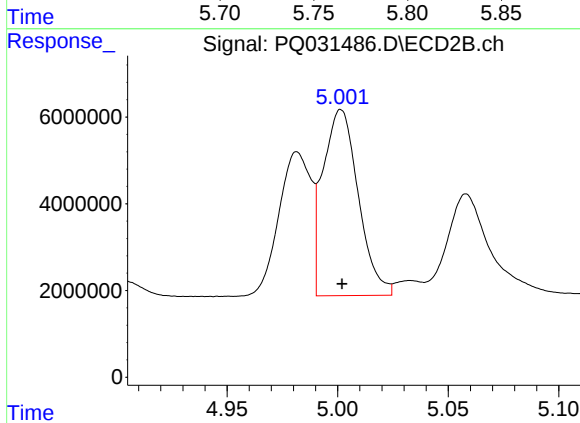
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 22956005
Conc: 763.87 ng/ml



#17 AR-1242-2

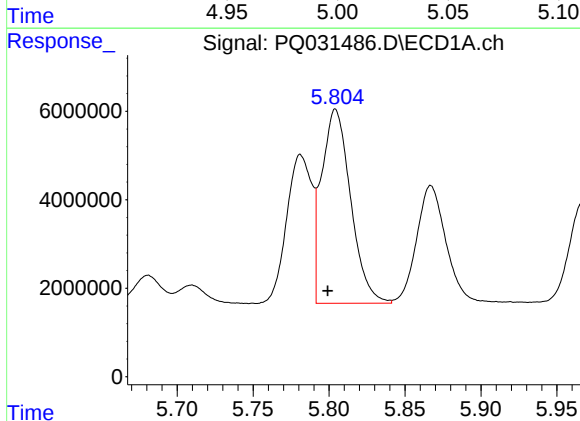
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 38936921
Conc: 836.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



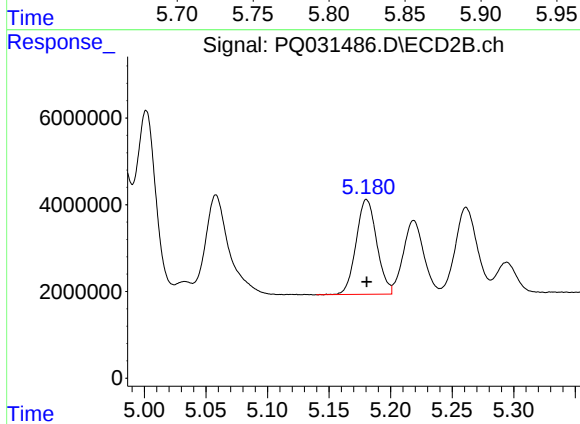
#17 AR-1242-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 47906998
Conc: 803.70 ng/ml



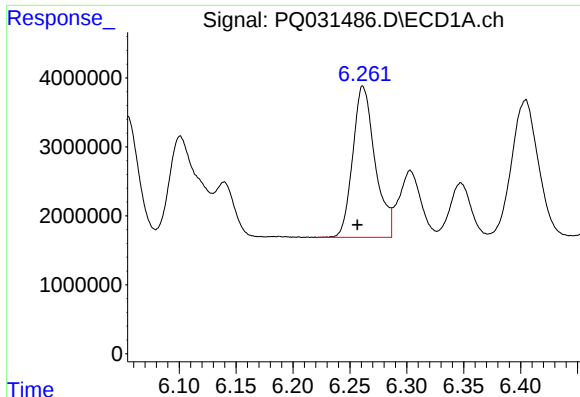
#18 AR-1242-3

R.T.: 5.804 min
Delta R.T.: 0.005 min
Response: 58480725
Conc: 851.12 ng/ml



#18 AR-1242-3

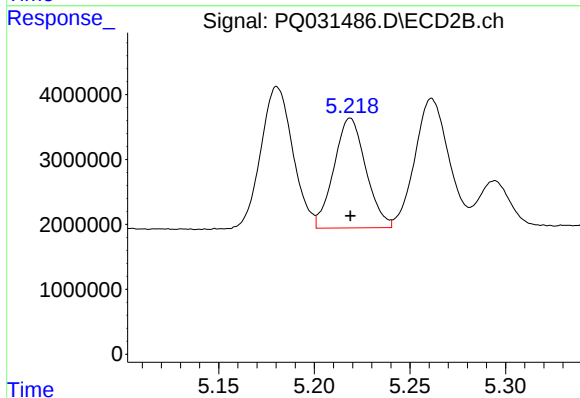
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 25461856
Conc: 802.49 ng/ml



#19 AR-1242-4

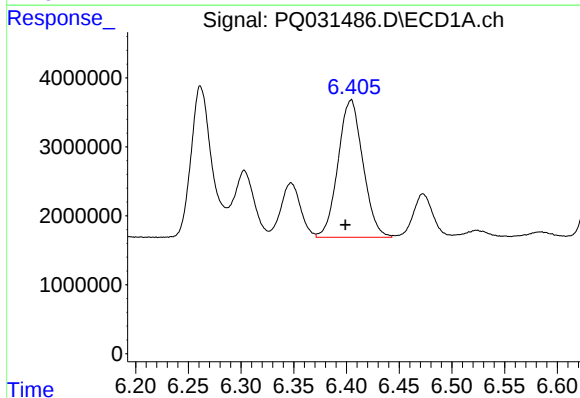
R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 29833261
Conc: 834.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



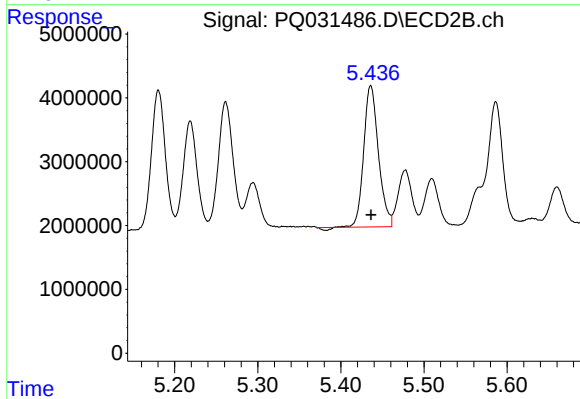
#19 AR-1242-4

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 19669016
Conc: 793.51 ng/ml



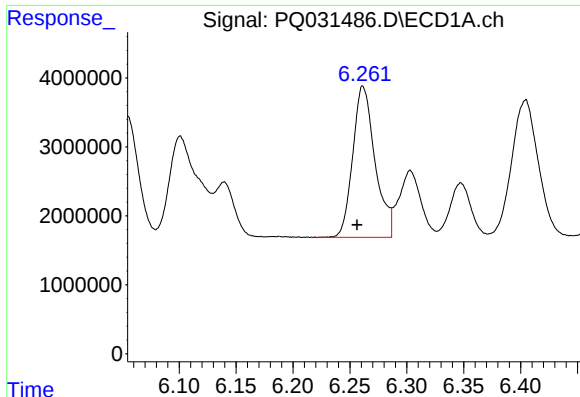
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.006 min
Response: 32690363
Conc: 839.28 ng/ml



#20 AR-1242-5

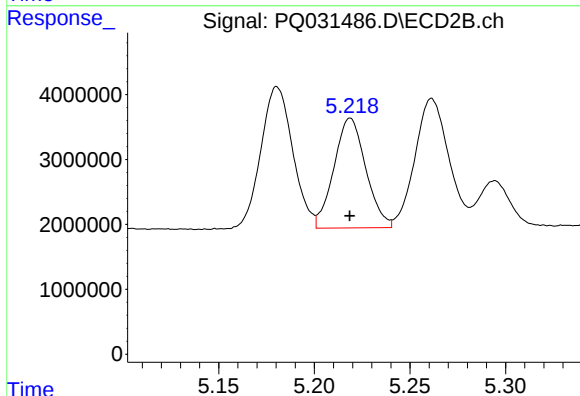
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 27158205
Conc: 783.08 ng/ml



#21 AR-1248-1

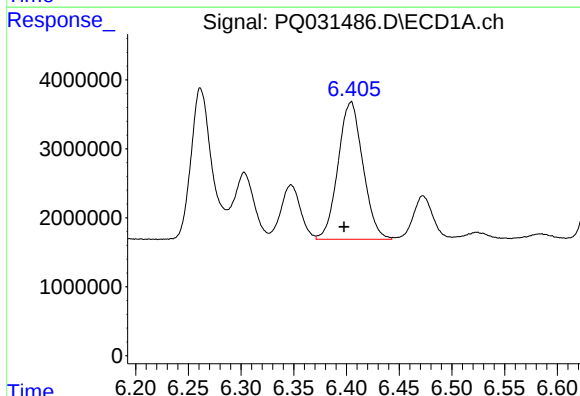
R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 29833261
Conc: 477.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



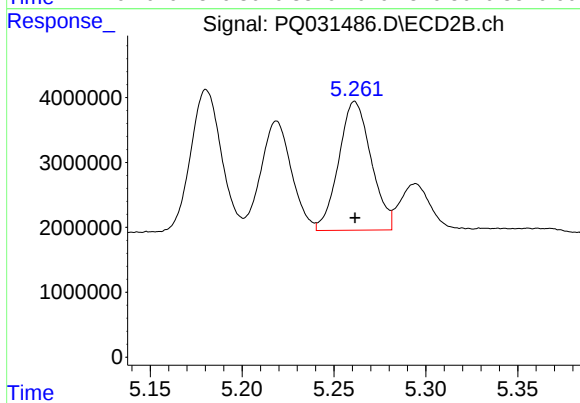
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 19669016
Conc: 411.29 ng/ml



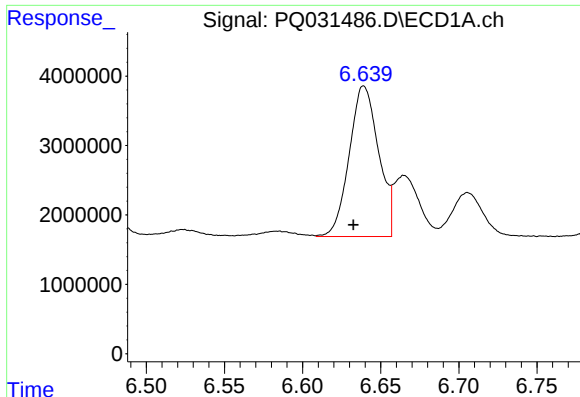
#22 AR-1248-2

R.T.: 6.404 min
Delta R.T.: 0.007 min
Response: 32690363
Conc: 624.83 ng/ml



#22 AR-1248-2

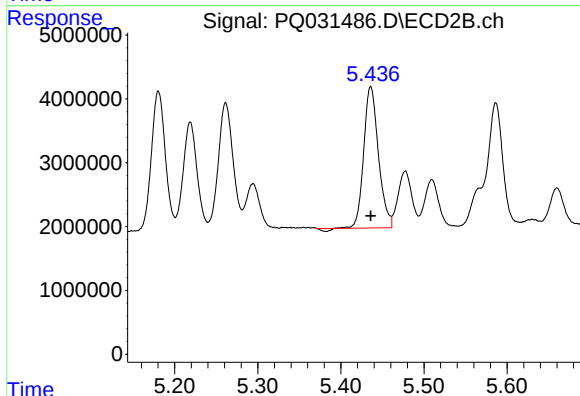
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 24394851
Conc: 499.79 ng/ml



#23 AR-1248-3

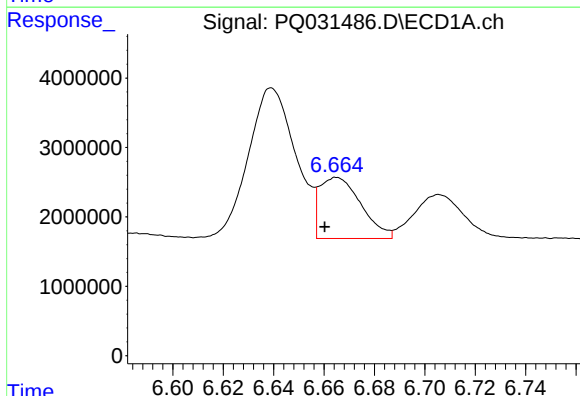
R.T.: 6.639 min
Delta R.T.: 0.007 min
Response: 28407489
Conc: 522.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



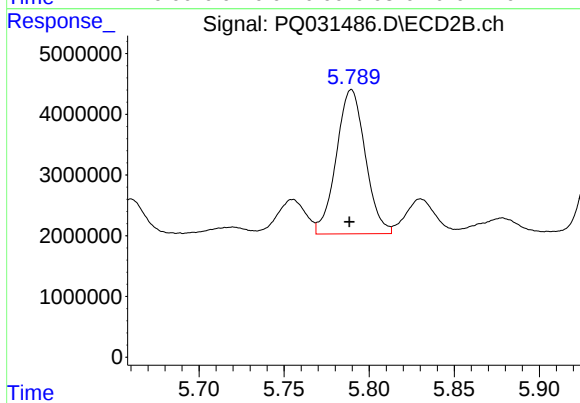
#23 AR-1248-3

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 27158205
Conc: 458.91 ng/ml



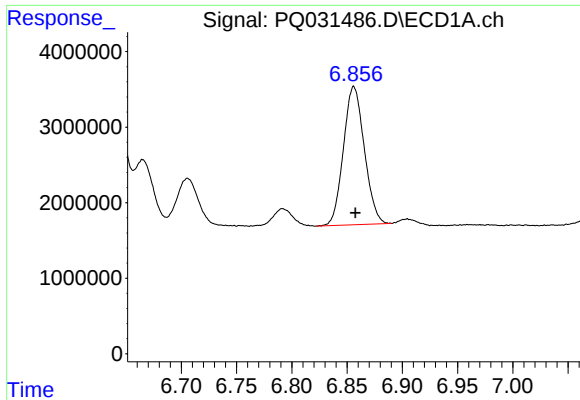
#24 AR-1248-4

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 10072626
Conc: 139.79 ng/ml



#24 AR-1248-4

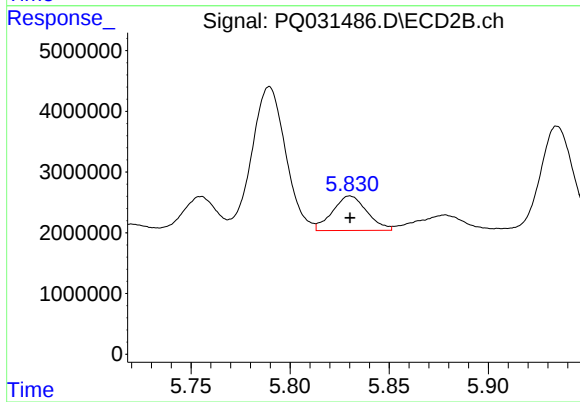
R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 28172509
Conc: 317.13 ng/ml



#25 AR-1248-5

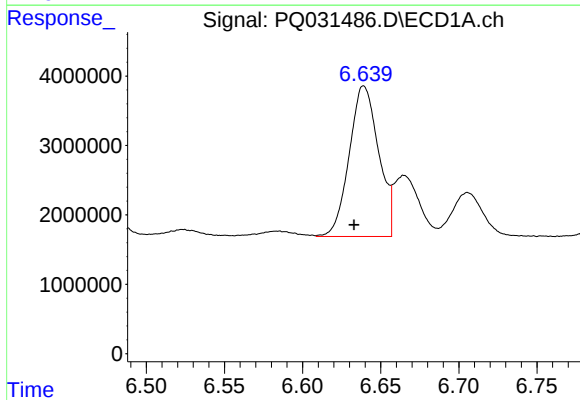
R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 24100906
Conc: 335.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



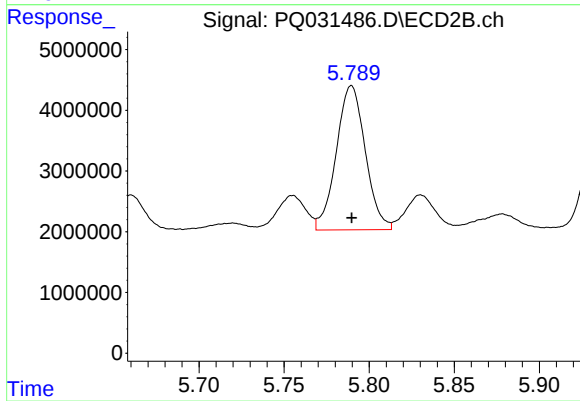
#25 AR-1248-5

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 6872453
Conc: 113.55 ng/ml



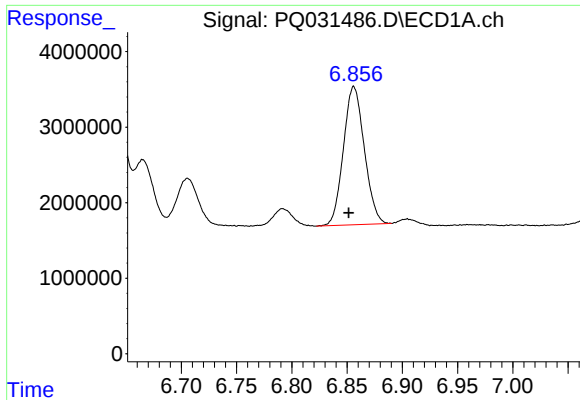
#26 AR-1254-1

R.T.: 6.639 min
Delta R.T.: 0.006 min
Response: 28407489
Conc: 337.76 ng/ml



#26 AR-1254-1

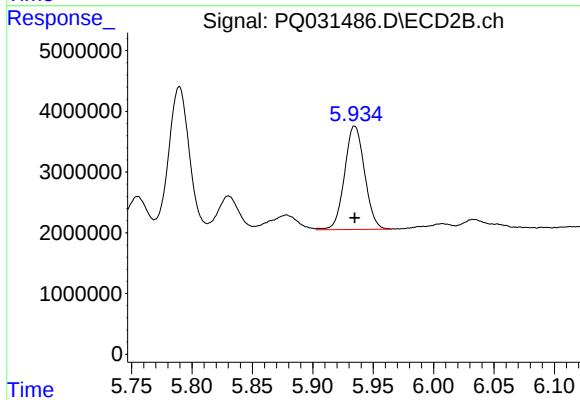
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 28172509
Conc: 262.51 ng/ml



#27 AR-1254-2

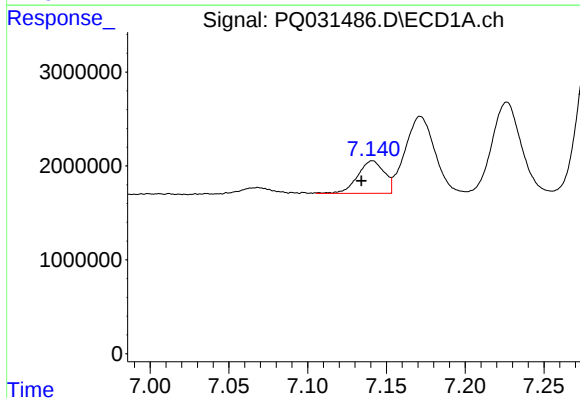
R.T.: 6.856 min
Delta R.T.: 0.005 min
Response: 24100906
Conc: 181.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



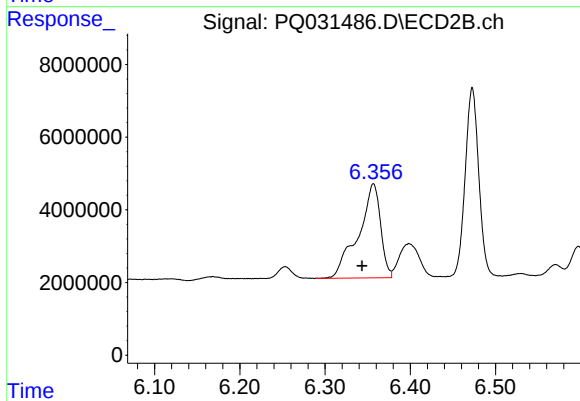
#27 AR-1254-2

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 19623967
Conc: 208.84 ng/ml



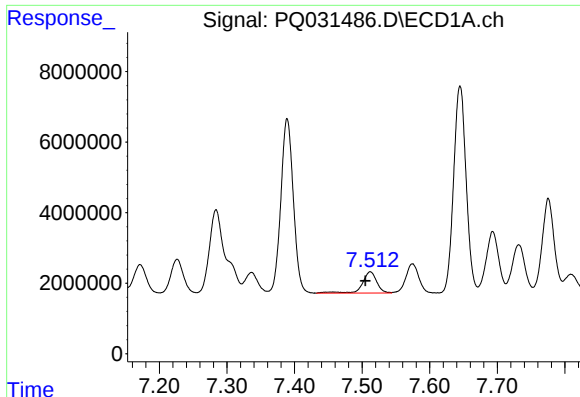
#28 AR-1254-3

R.T.: 7.141 min
Delta R.T.: 0.007 min
Response: 4066258
Conc: 50.41 ng/ml



#28 AR-1254-3

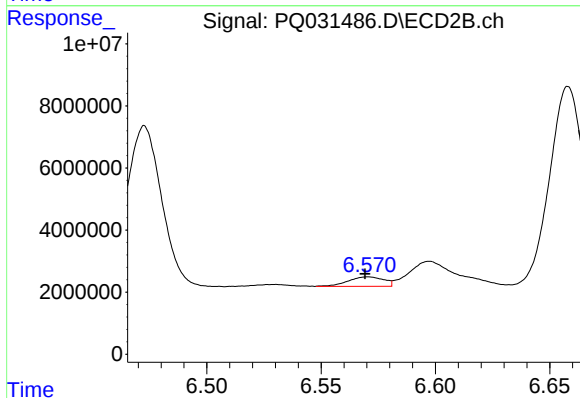
R.T.: 6.357 min
Delta R.T.: 0.013 min
Response: 46943227
Conc: 293.23 ng/ml



#29 AR-1254-4

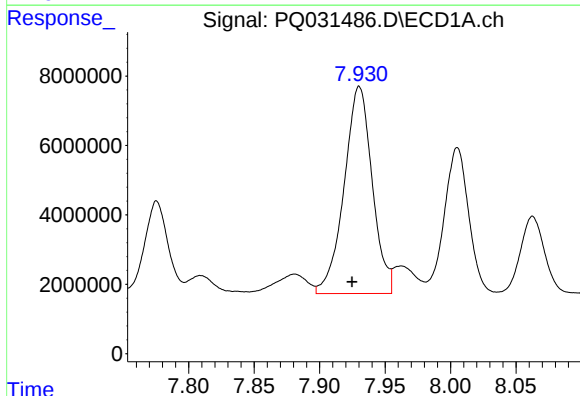
R.T.: 7.512 min
Delta R.T.: 0.007 min
Response: 9060160
Conc: 84.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



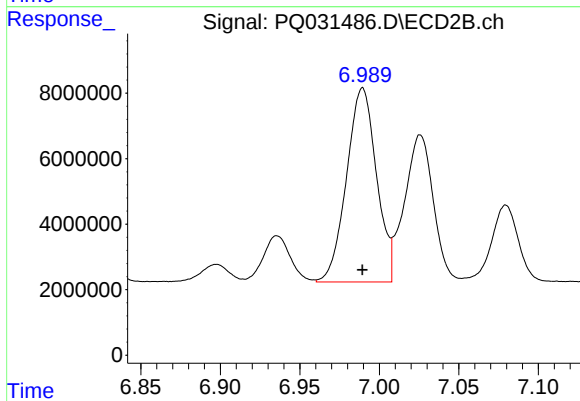
#29 AR-1254-4

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 3296814
Conc: 33.20 ng/ml



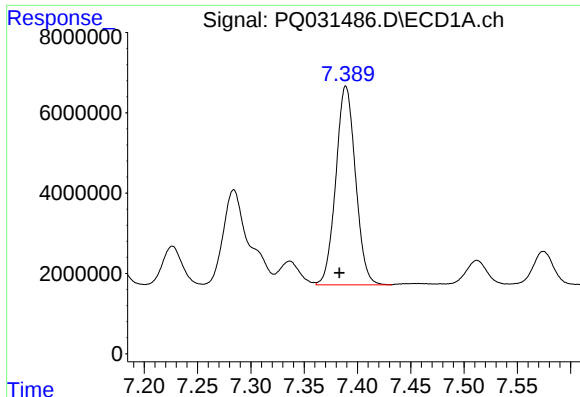
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: 0.005 min
Response: 89227120
Conc: 782.87 ng/ml



#30 AR-1254-5

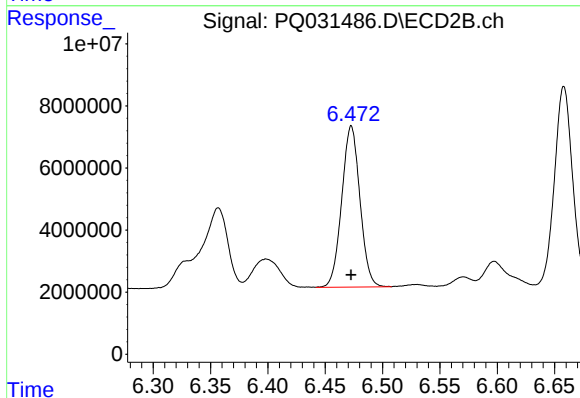
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 77627051
Conc: 557.98 ng/ml



#31 AR-1260-1

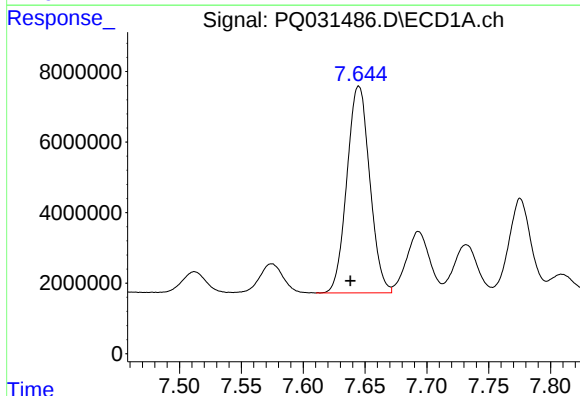
R.T.: 7.389 min
Delta R.T.: 0.006 min
Response: 63579346
Conc: 593.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



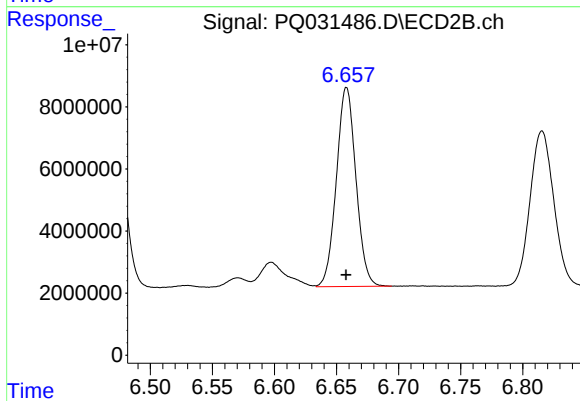
#31 AR-1260-1

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 57450944
Conc: 530.01 ng/ml



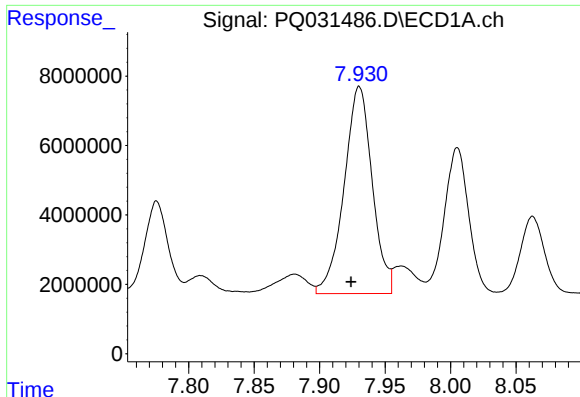
#32 AR-1260-2

R.T.: 7.645 min
Delta R.T.: 0.007 min
Response: 75472172
Conc: 590.21 ng/ml



#32 AR-1260-2

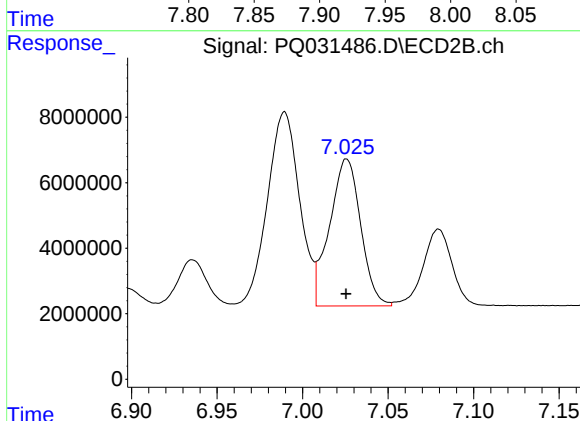
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 70373556
Conc: 539.21 ng/ml



#33 AR-1260-3

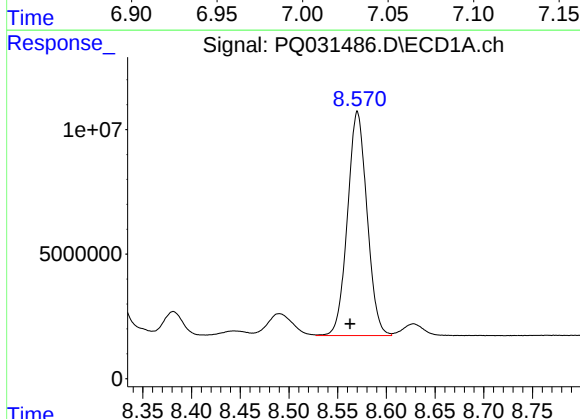
R.T.: 7.930 min
Delta R.T.: 0.006 min
Response: 89227120
Conc: 596.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



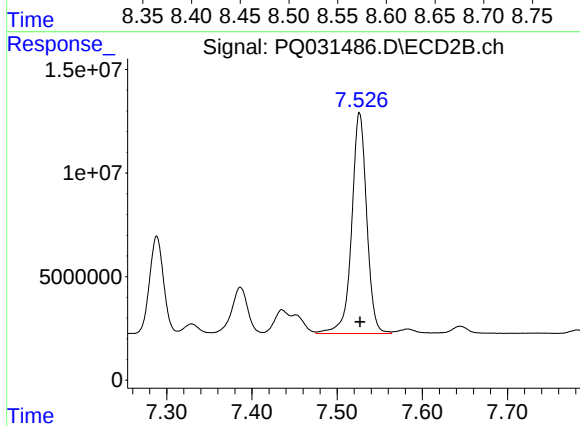
#33 AR-1260-3

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 56845844
Conc: 534.72 ng/ml



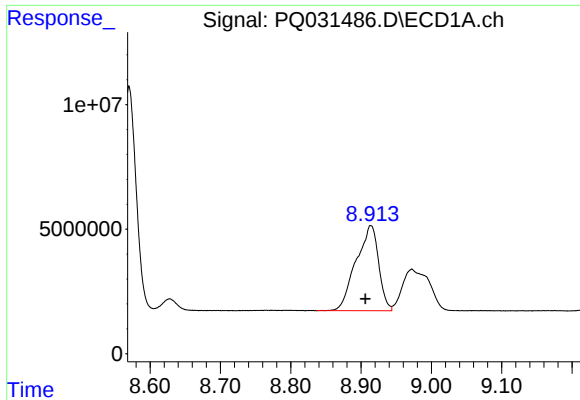
#34 AR-1260-4

R.T.: 8.570 min
Delta R.T.: 0.007 min
Response: 125552475
Conc: 590.28 ng/ml



#34 AR-1260-4

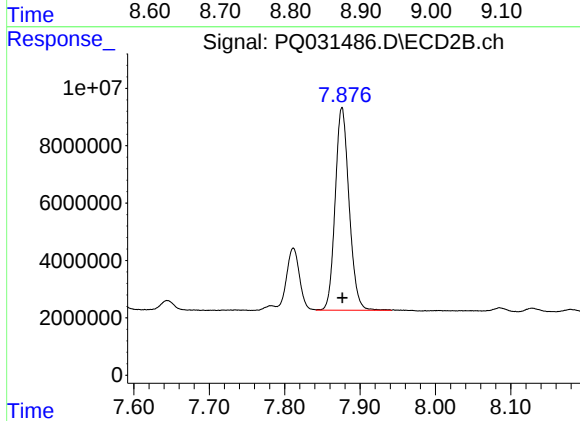
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 130586970
Conc: 542.63 ng/ml



#35 AR-1260-5

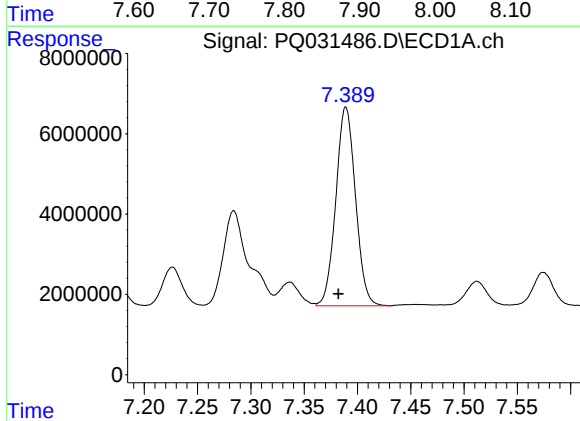
R.T.: 8.914 min
Delta R.T.: 0.008 min
Response: 76152722
Conc: 568.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



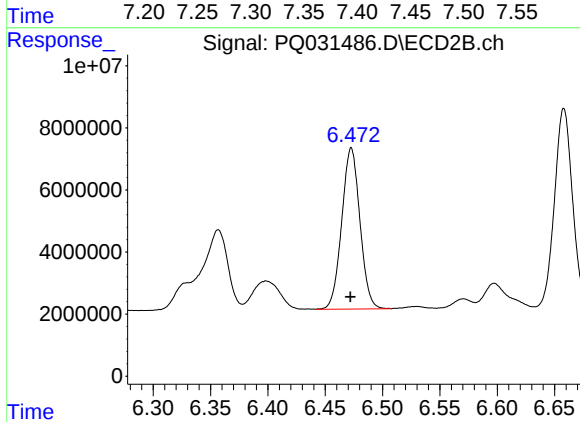
#35 AR-1260-5

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 90725827
Conc: 522.57 ng/ml



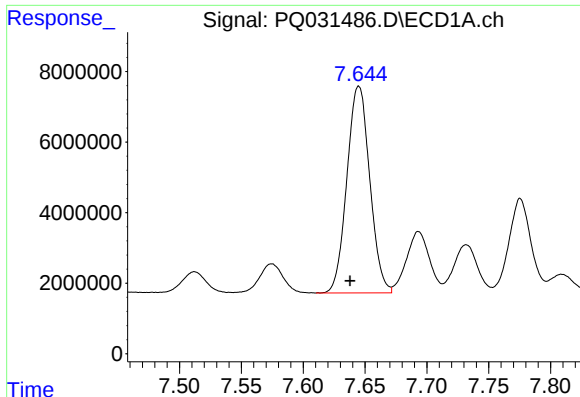
#36 AR-1262-1

R.T.: 7.389 min
Delta R.T.: 0.007 min
Response: 63579346
Conc: 722.66 ng/ml



#36 AR-1262-1

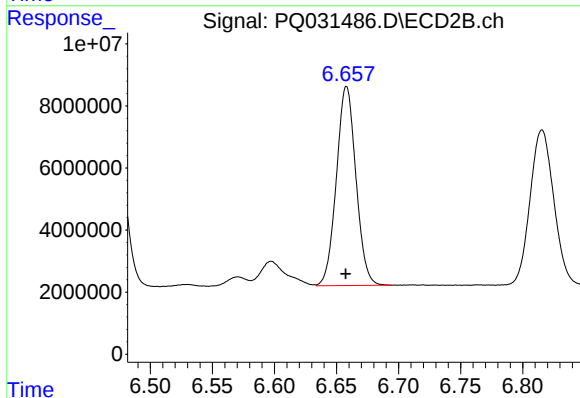
R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 57450944
Conc: 661.43 ng/ml



#37 AR-1262-2

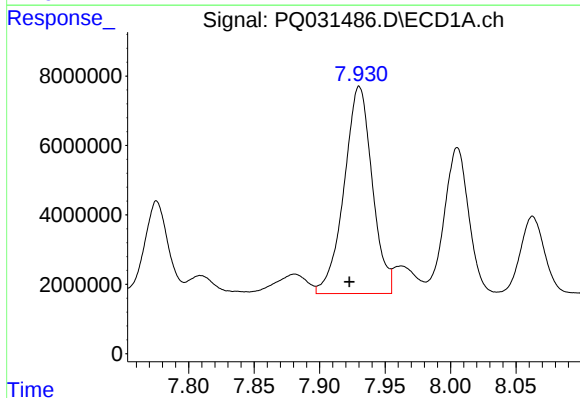
R.T.: 7.645 min
Delta R.T.: 0.007 min
Response: 75472172
Conc: 732.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



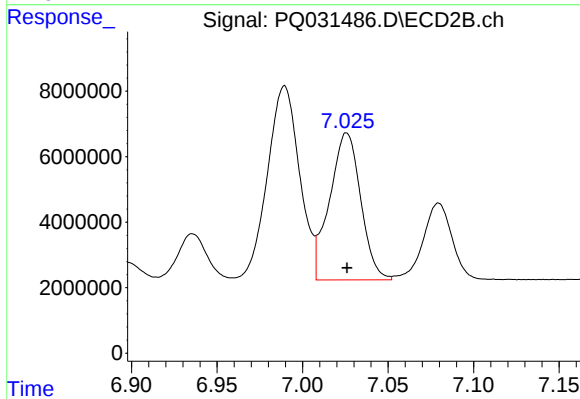
#37 AR-1262-2

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 70373556
Conc: 671.93 ng/ml



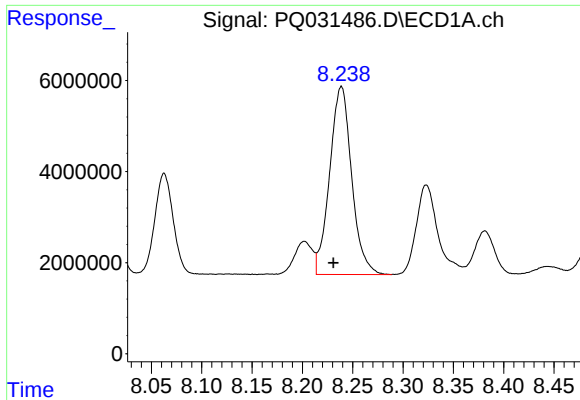
#38 AR-1262-3

R.T.: 7.930 min
Delta R.T.: 0.008 min
Response: 89227120
Conc: 898.54 ng/ml



#38 AR-1262-3

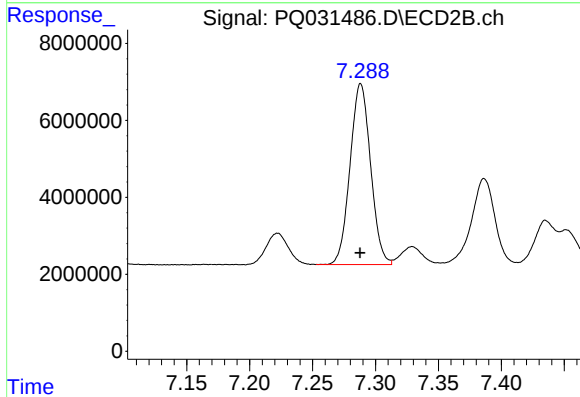
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 56845844
Conc: 386.72 ng/ml



#39 AR-1262-4

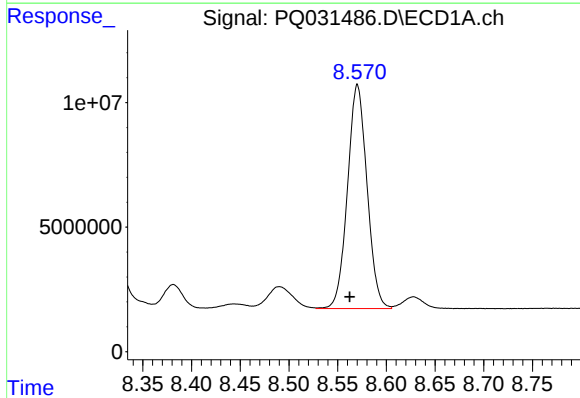
R.T.: 8.239 min
Delta R.T.: 0.008 min
Response: 62767111
Conc: 488.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



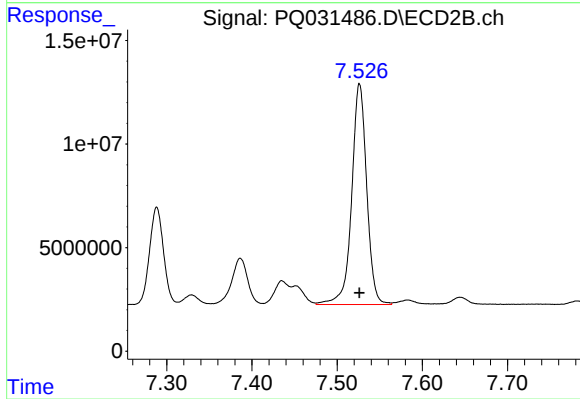
#39 AR-1262-4

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 53493117
Conc: 402.79 ng/ml



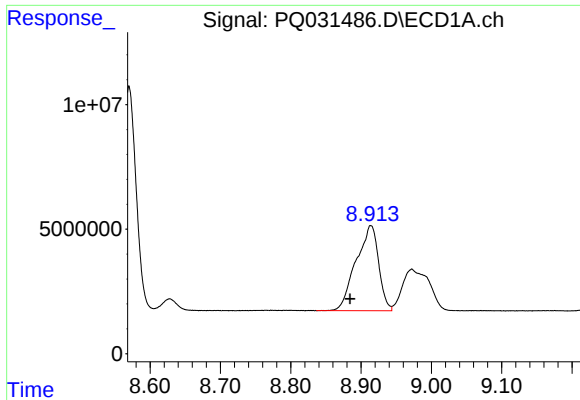
#40 AR-1262-5

R.T.: 8.570 min
Delta R.T.: 0.008 min
Response: 125552475
Conc: 501.13 ng/ml



#40 AR-1262-5

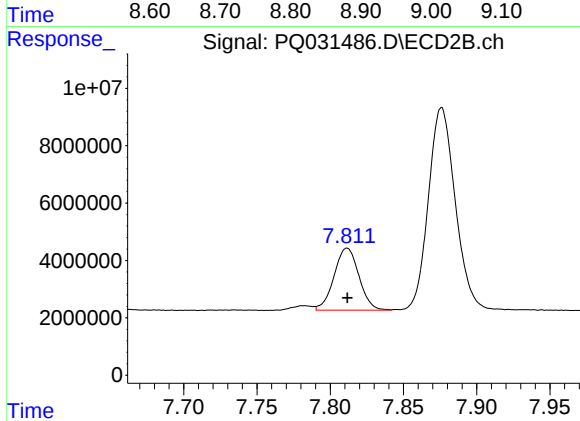
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 130586970
Conc: 467.70 ng/ml



#41 AR-1268-1

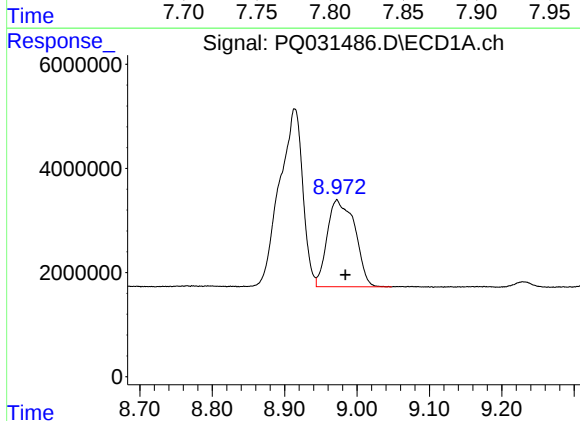
R.T.: 8.914 min
Delta R.T.: 0.029 min
Response: 76152722
Conc: 309.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



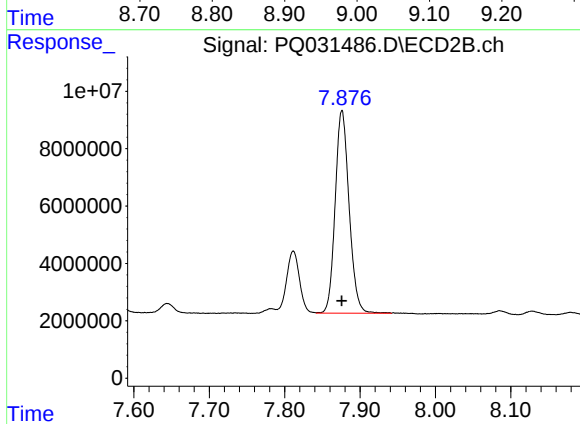
#41 AR-1268-1

R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 25608767
Conc: 96.06 ng/ml



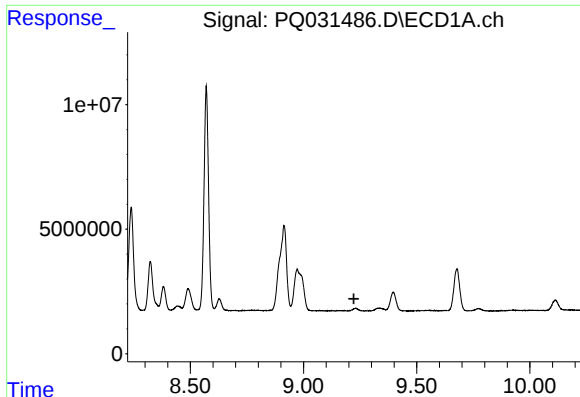
#42 AR-1268-2

R.T.: 8.972 min
Delta R.T.: -0.012 min
Response: 44309247
Conc: 199.09 ng/ml



#42 AR-1268-2

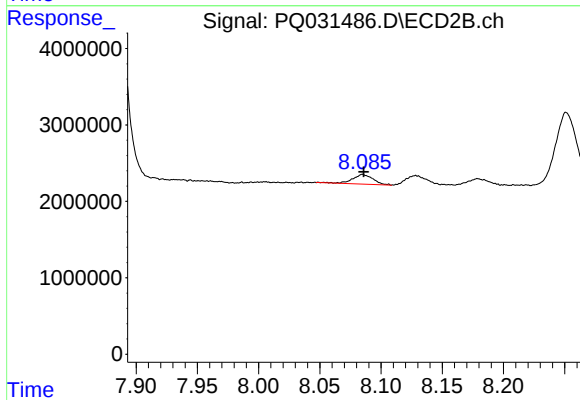
R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 90725827
Conc: 375.19 ng/ml



#43 AR-1268-3

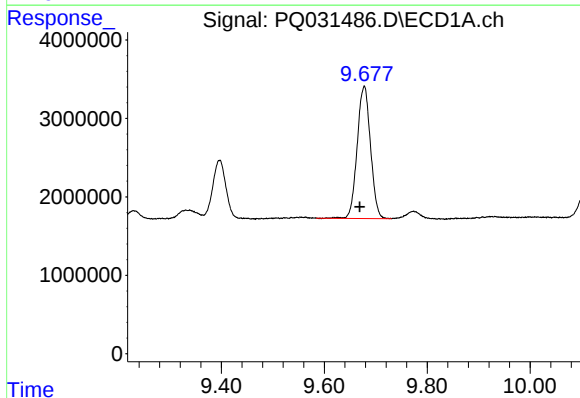
R.T.: 0.000 min
Exp R.T.: 9.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



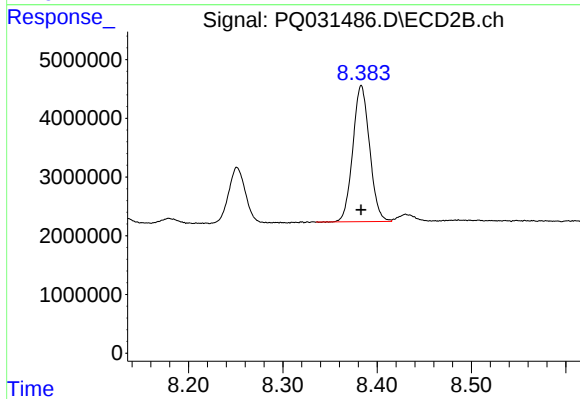
#43 AR-1268-3

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 1446821
Conc: 7.18 ng/ml



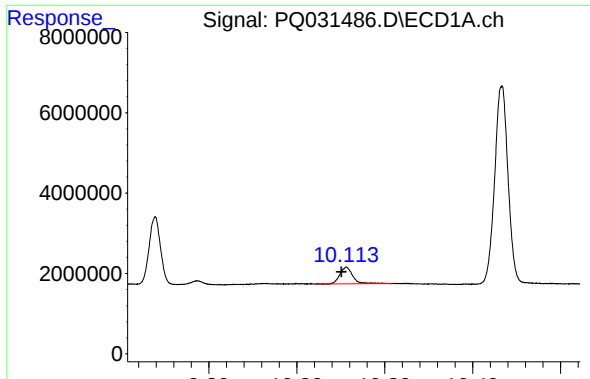
#44 AR-1268-4

R.T.: 9.678 min
Delta R.T.: 0.009 min
Response: 30261458
Conc: 367.59 ng/ml



#44 AR-1268-4

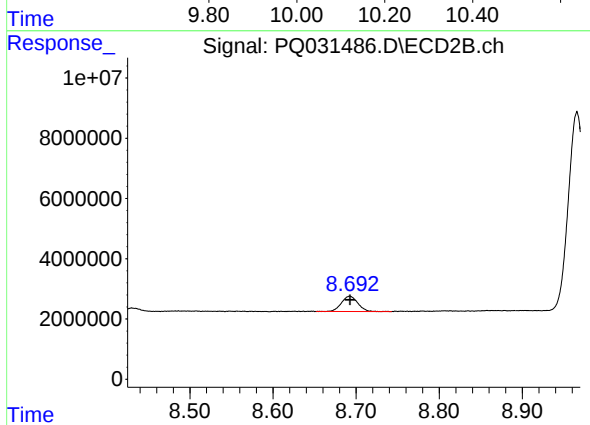
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 28680088
Conc: 322.83 ng/ml



#45 AR-1268-5

R.T.: 10.112 min
Delta R.T.: 0.010 min
Response: 8586741
Conc: 14.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 6997204
Conc: 10.76 ng/ml