

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082518\
 Data File : PQ031403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2018 14:28
 Operator : SM\SJ
 Sample : AR1660CCC400
 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 24 22:41:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 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...	4.609	3.879	40551736	32119270	20.399	16.529
2)	SA Decachlor...	10.471	8.969	99110342	88830408	49.836	40.302
Target Compounds							
3)	L1 AR-1016-1	5.323	4.565	20835202	16795512	421.088	335.297
4)	L1 AR-1016-2	5.519	4.982	20890109	26083394	419.505	358.680
5)	L1 AR-1016-3	5.788	5.001	31399237	37010311	440.275	342.602
6)	L1 AR-1016-4	5.873	5.059	28435381	26064270	422.613	363.364
7)	L1 AR-1016-5	6.268	5.437	25076746	21996827	441.143	344.584
8)	L2 AR-1221-1	4.816	4.096	2414888	3444713	105.913	147.793 #
9)	L2 AR-1221-2	4.907	4.184	2790584	4827933	144.441	270.030 #
10)	L2 AR-1221-3	4.985	4.262	14267753	13028728	241.456	207.616
11)	L3 AR-1232-1	5.810	4.760	45122912	19173759	1001.496	881.797
12)	L3 AR-1232-2	5.973	5.001	22895433	37010311	1000.100	900.456
13)	L3 AR-1232-3	6.061	5.263	20345706	19374119	1398.709	1119.795
14)	L3 AR-1232-4	6.671	5.631	8561863	283354	269.575	17.586 #
15)	L3 AR-1232-5	6.711	5.832	7469618	5866161	256.107	275.554
16)	L4 AR-1242-1	5.353	4.585	12621993	10028813	593.128	468.532
17)	L4 AR-1242-2	6.106	5.181	21438715	20841991	579.125	498.641
18)	L4 AR-1242-3	6.309	5.219	10870763	15946043	581.034	486.589
19)	L4 AR-1242-4	6.353	6.007	8284159	1891524	604.825	45.824 #
20)	L4 AR-1242-5	6.409	6.034	26270610	2459761	562.108	70.101 #
21)	L5 AR-1248-1	6.061	5.219	20345706	15946043	314.354	235.484 #
22)	L5 AR-1248-2	6.644	5.790	23652728	22841207	339.338	167.423 #
23)	L5 AR-1248-3	6.671	5.832	8561863	5866161	94.246	63.342 #
24)	L5 AR-1248-4	6.711	6.007	7469618	1891524	85.753	23.708 #
25)	L5 AR-1248-5	6.861	6.358	21142904	41305509	367.101	572.053 #
26)	L6 AR-1254-1	6.861	5.936	21142904	17431955	132.236	123.033
27)	L6 AR-1254-2	7.145	6.254	4617012	4359213	46.926	36.455
28)	L6 AR-1254-3	7.231	6.572	12175203	3305722	68.094	18.593 #
29)	L6 AR-1254-4	7.517	6.899	7157591	5877929	54.757	54.834
30)	L6 AR-1254-5	7.780	6.991	31000870	71333050	309.133	323.335
31)	L7 AR-1260-1	7.394	6.474	57633011	51183581	460.105	344.153 #
32)	L7 AR-1260-2	7.650	6.660	68150366	63027146	451.452	353.658
33)	L7 AR-1260-3	7.935	6.817	82823366	58472766	461.023	340.146 #
34)	L7 AR-1260-4	8.242	7.290	58912777	49774443	456.515	359.913
35)	L7 AR-1260-5	8.575	7.529	117.7E6	119.6E6	456.910	373.962
36)	L8 AR-1262-1	7.288	6.358	36649129	41305509	460.530	346.397
37)	L8 AR-1262-2	8.068	7.081	27008869	25548367	366.948	266.533 #
38)	L8 AR-1262-3	8.328	7.388	28181079	26560818	319.367	275.914
39)	L8 AR-1262-4	8.978	7.814	42897687	25178688	283.962	148.725 #
40)	L8 AR-1262-5	9.684	8.386	29251554	23082078	293.350	201.820 #
41)	L9 AR-1268-1	8.010	7.028	51557571	51426114	703.456	585.867

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082518\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2018 14:28
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

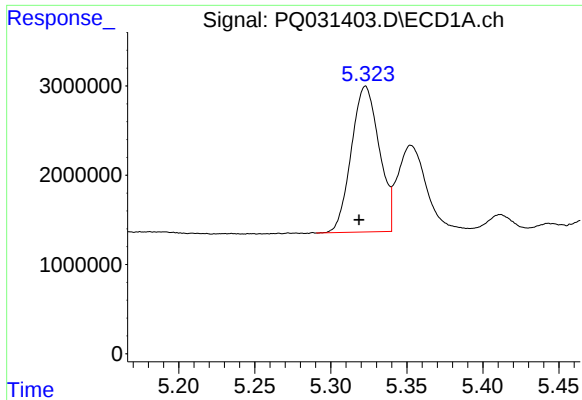
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 22:41:56 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 13 07:57:53 2018
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
42)	L9 AR-1268-2	8.242	7.879	58912777	87233519	594.916	182.424 #
43)	L9 AR-1268-3	8.918	8.089	73965011	2613084	175.185	6.683 #
44)	L9 AR-1268-4	9.235	8.183	3370619	2353619	10.640	24.096 #
45)	L9 AR-1268-5	10.115	8.696	8589640	7244229	9.597	6.646 #

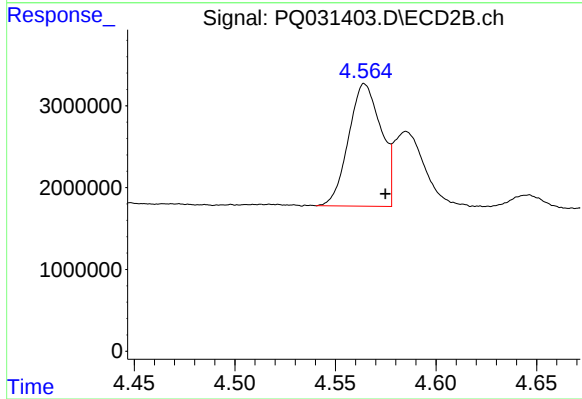
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

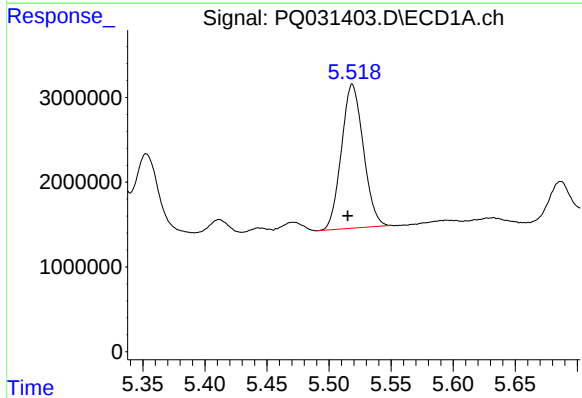
R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 20835202
Conc: 421.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



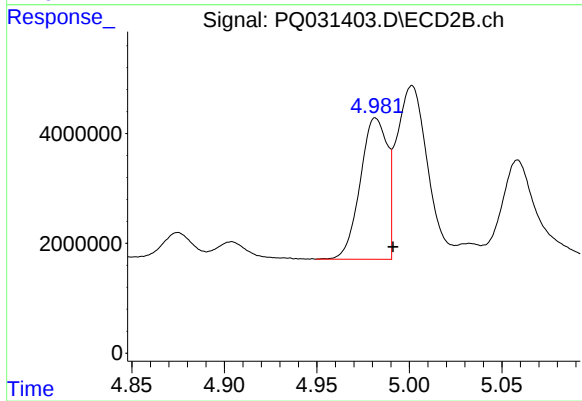
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.010 min
Response: 16795512
Conc: 335.30 ng/ml



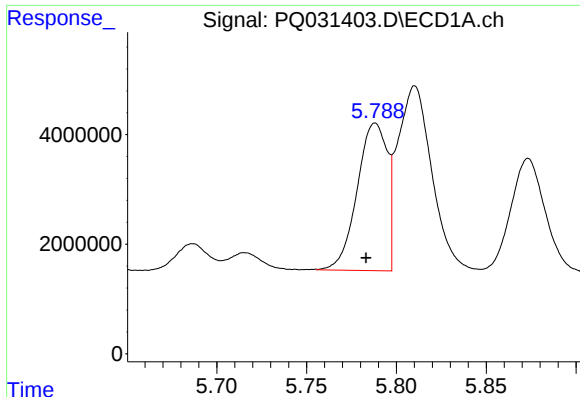
#4 AR-1016-2

R.T.: 5.519 min
Delta R.T.: 0.004 min
Response: 20890109
Conc: 419.50 ng/ml



#4 AR-1016-2

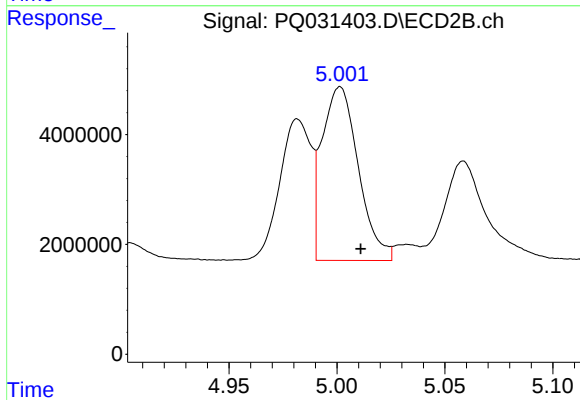
R.T.: 4.982 min
Delta R.T.: -0.009 min
Response: 26083394
Conc: 358.68 ng/ml



#5 AR-1016-3

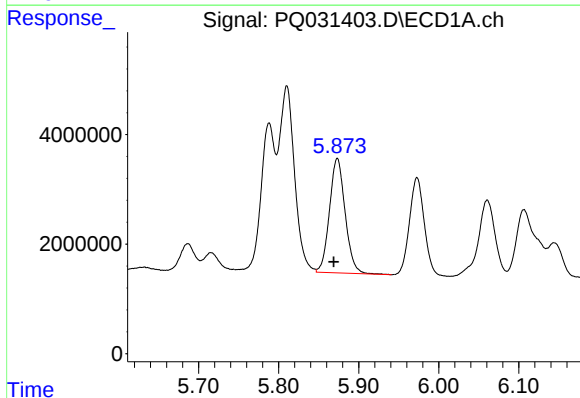
R.T.: 5.788 min
Delta R.T.: 0.005 min
Response: 31399237
Conc: 440.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



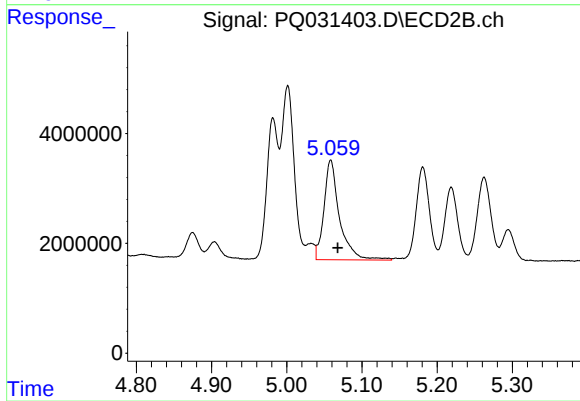
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 37010311
Conc: 342.60 ng/ml



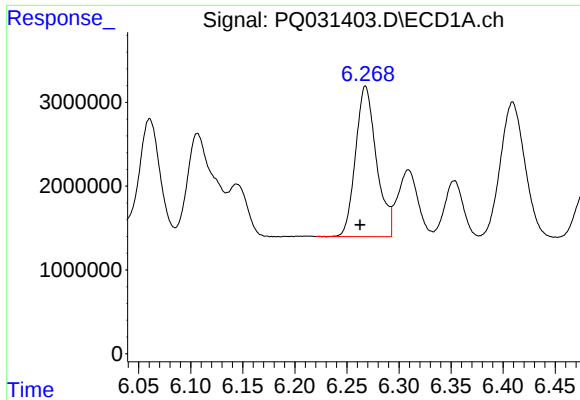
#6 AR-1016-4

R.T.: 5.873 min
Delta R.T.: 0.005 min
Response: 28435381
Conc: 422.61 ng/ml



#6 AR-1016-4

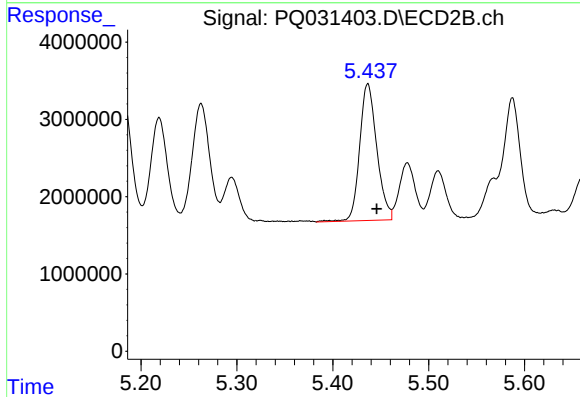
R.T.: 5.059 min
Delta R.T.: -0.010 min
Response: 26064270
Conc: 363.36 ng/ml



#7 AR-1016-5

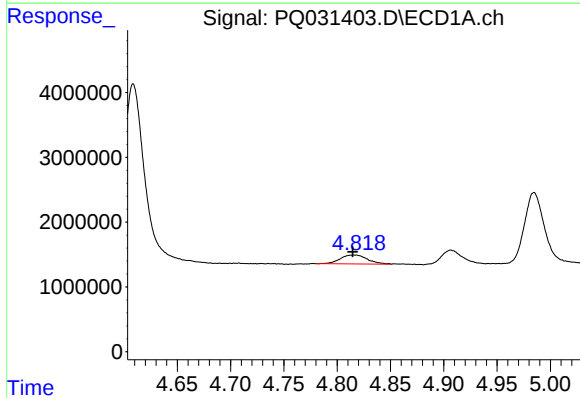
R.T.: 6.268 min
Delta R.T.: 0.005 min
Response: 25076746
Conc: 441.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



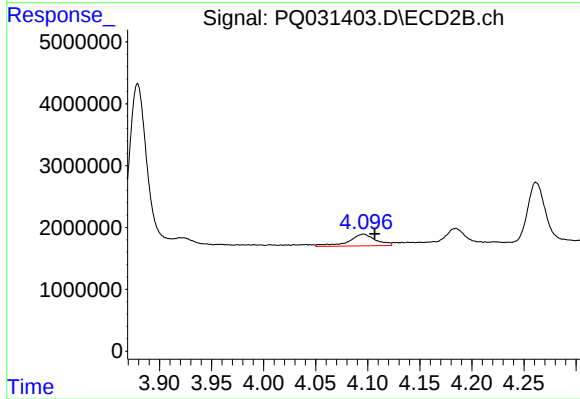
#7 AR-1016-5

R.T.: 5.437 min
Delta R.T.: -0.009 min
Response: 21996827
Conc: 344.58 ng/ml



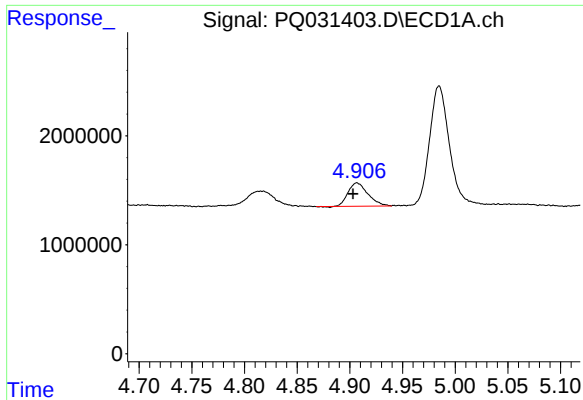
#8 AR-1221-1

R.T.: 4.816 min
Delta R.T.: 0.002 min
Response: 2414888
Conc: 105.91 ng/ml



#8 AR-1221-1

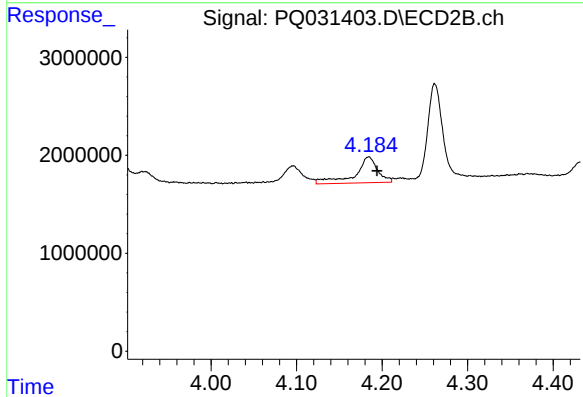
R.T.: 4.096 min
Delta R.T.: -0.011 min
Response: 3444713
Conc: 147.79 ng/ml



#9 AR-1221-2

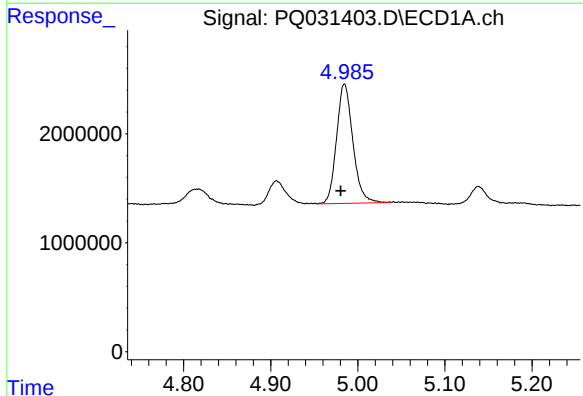
R.T.: 4.907 min
Delta R.T.: 0.004 min
Response: 2790584
Conc: 144.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



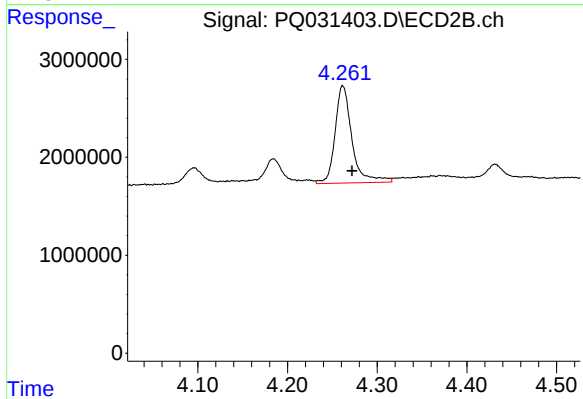
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: -0.010 min
Response: 4827933
Conc: 270.03 ng/ml



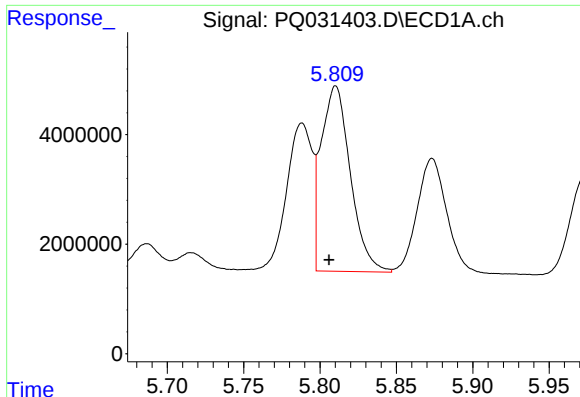
#10 AR-1221-3

R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 14267753
Conc: 241.46 ng/ml



#10 AR-1221-3

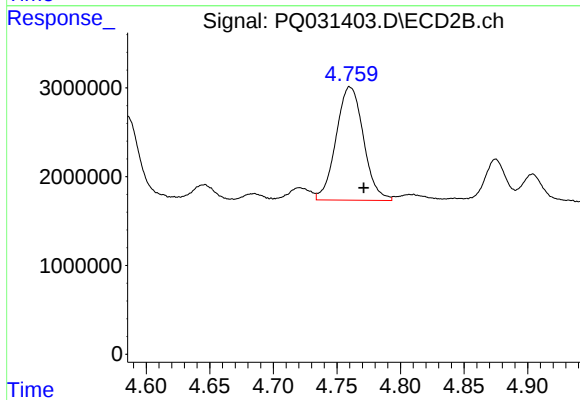
R.T.: 4.262 min
Delta R.T.: -0.010 min
Response: 13028728
Conc: 207.62 ng/ml



#11 AR-1232-1

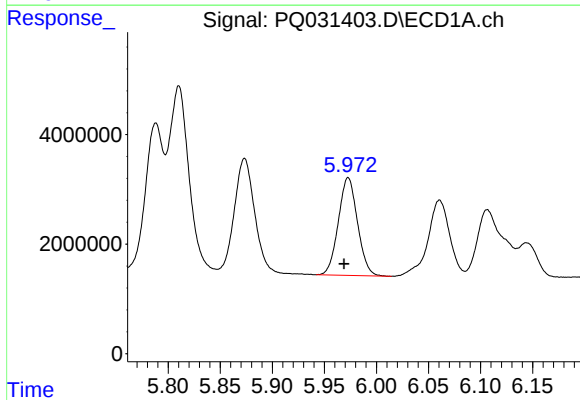
R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 45122912
Conc: 1001.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



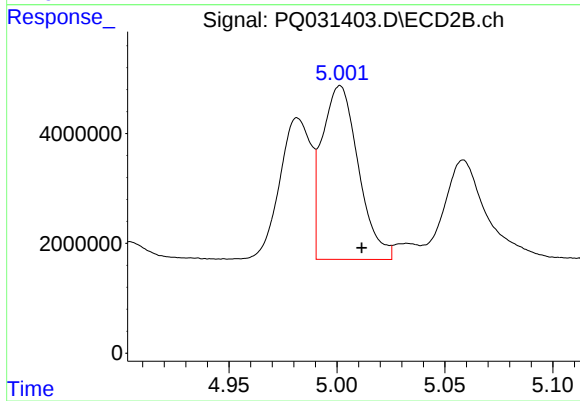
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.011 min
Response: 19173759
Conc: 881.80 ng/ml



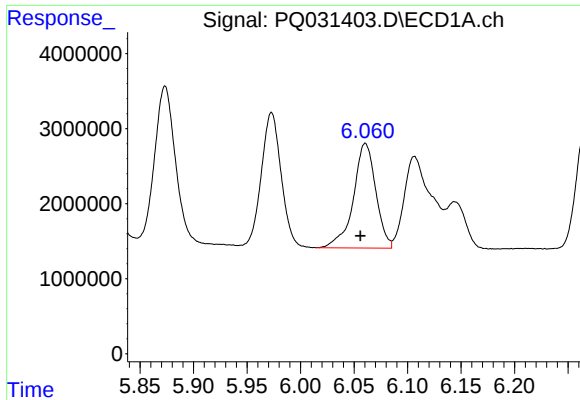
#12 AR-1232-2

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 22895433
Conc: 1000.10 ng/ml



#12 AR-1232-2

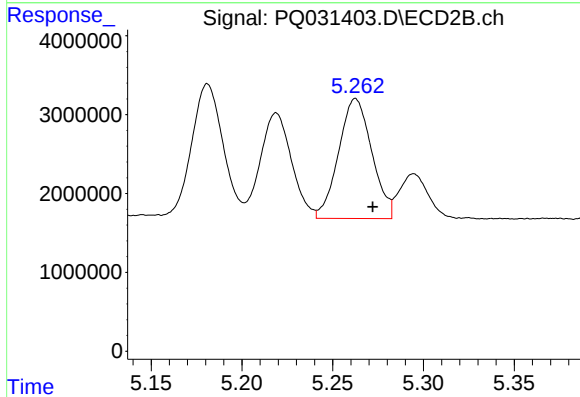
R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 37010311
Conc: 900.46 ng/ml



#13 AR-1232-3

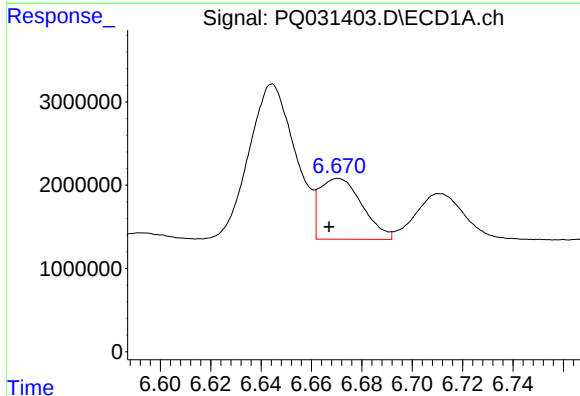
R.T.: 6.061 min
Delta R.T.: 0.005 min
Response: 20345706
Conc: 1398.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



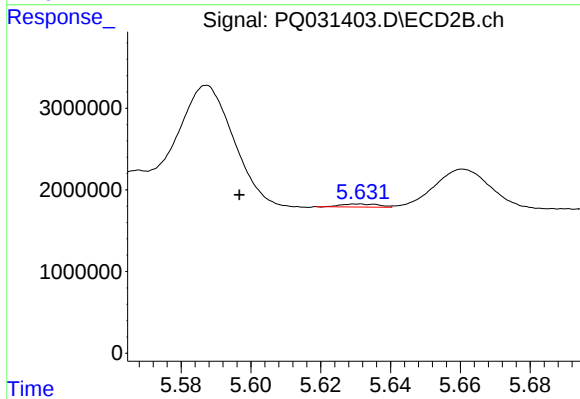
#13 AR-1232-3

R.T.: 5.263 min
Delta R.T.: -0.009 min
Response: 19374119
Conc: 1119.80 ng/ml



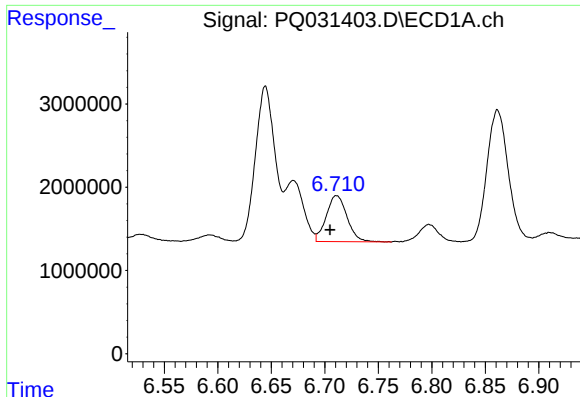
#14 AR-1232-4

R.T.: 6.671 min
Delta R.T.: 0.004 min
Response: 8561863
Conc: 269.58 ng/ml



#14 AR-1232-4

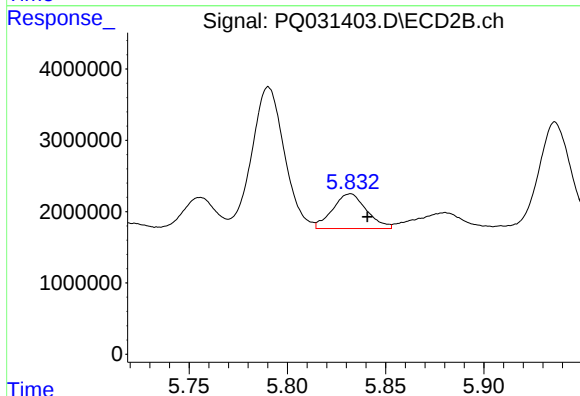
R.T.: 5.631 min
Delta R.T.: 0.034 min
Response: 283354
Conc: 17.59 ng/ml



#15 AR-1232-5

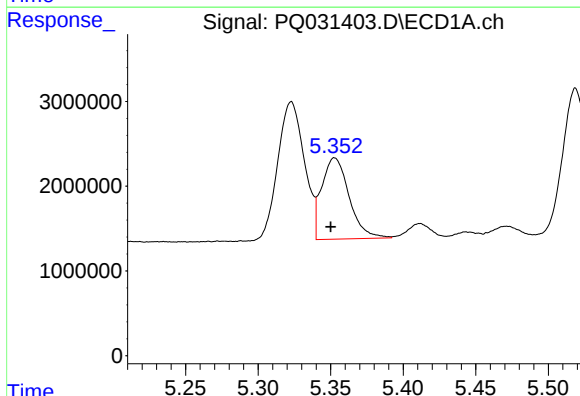
R.T.: 6.711 min
Delta R.T.: 0.006 min
Response: 7469618
Conc: 256.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



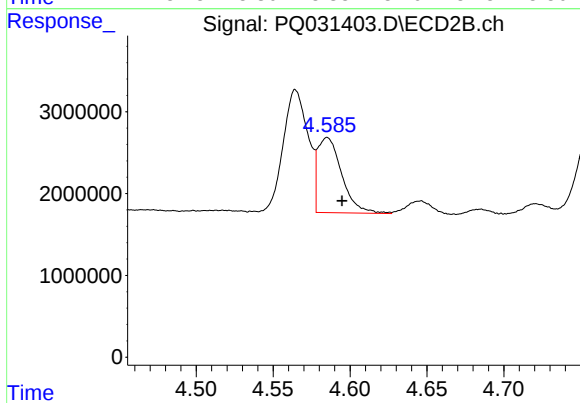
#15 AR-1232-5

R.T.: 5.832 min
Delta R.T.: -0.009 min
Response: 5866161
Conc: 275.55 ng/ml



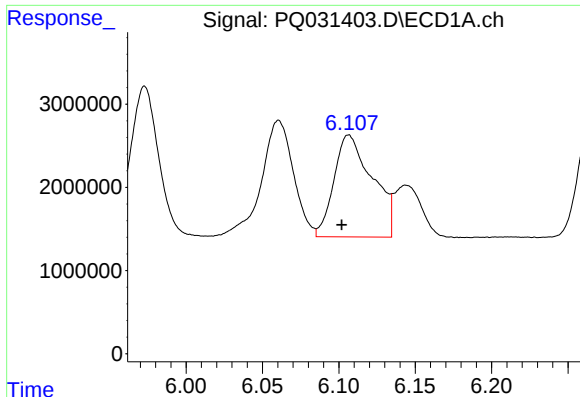
#16 AR-1242-1

R.T.: 5.353 min
Delta R.T.: 0.003 min
Response: 12621993
Conc: 593.13 ng/ml



#16 AR-1242-1

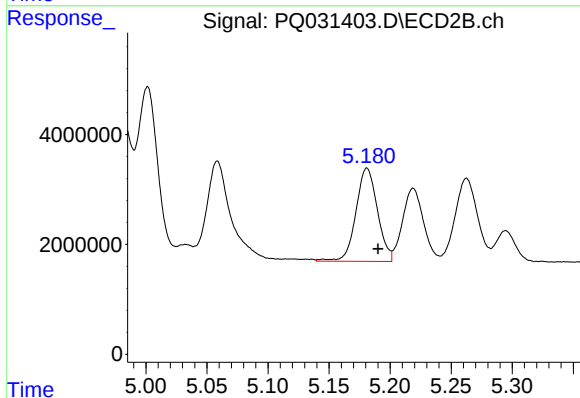
R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 10028813
Conc: 468.53 ng/ml



#17 AR-1242-2

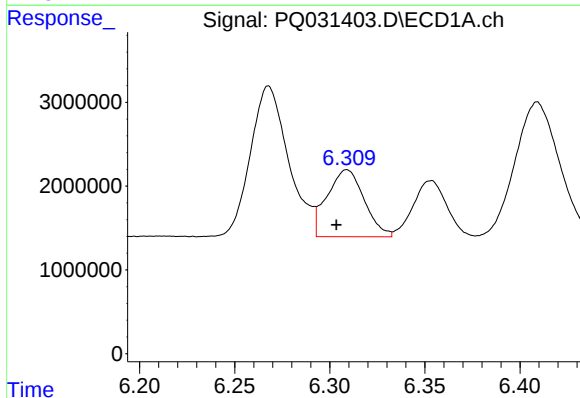
R.T.: 6.106 min
Delta R.T.: 0.005 min
Response: 21438715
Conc: 579.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



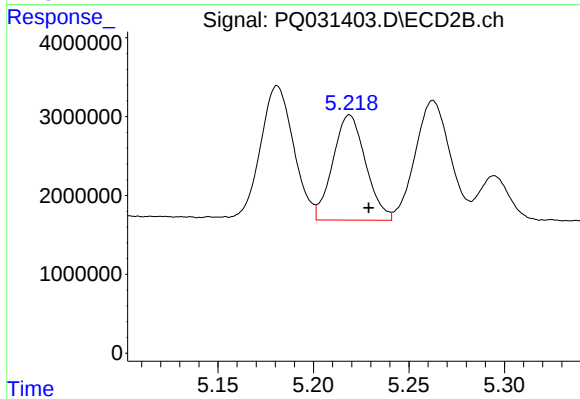
#17 AR-1242-2

R.T.: 5.181 min
Delta R.T.: -0.009 min
Response: 20841991
Conc: 498.64 ng/ml



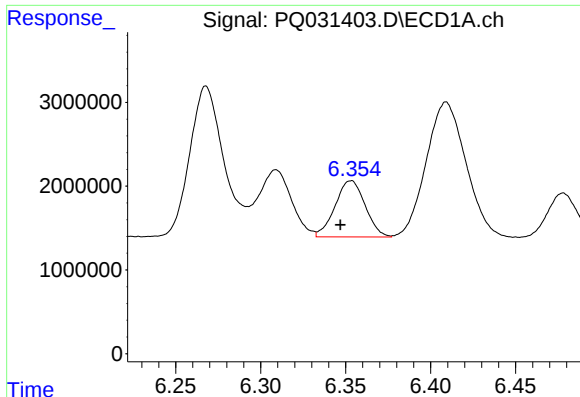
#18 AR-1242-3

R.T.: 6.309 min
Delta R.T.: 0.006 min
Response: 10870763
Conc: 581.03 ng/ml



#18 AR-1242-3

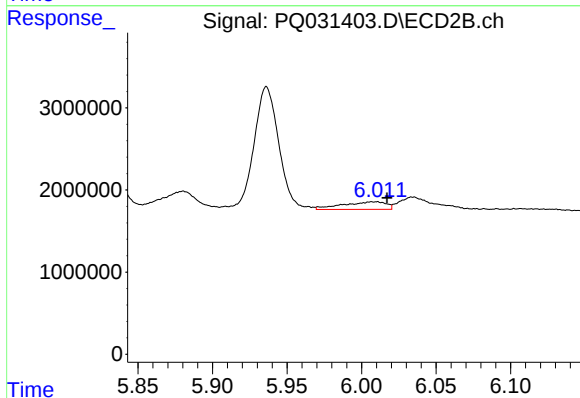
R.T.: 5.219 min
Delta R.T.: -0.010 min
Response: 15946043
Conc: 486.59 ng/ml



#19 AR-1242-4

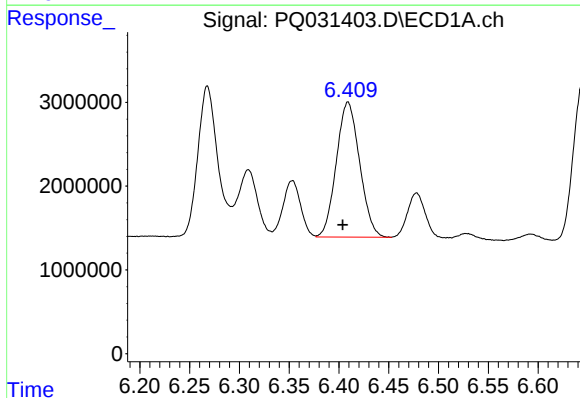
R.T.: 6.353 min
Delta R.T.: 0.006 min
Response: 8284159
Conc: 604.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



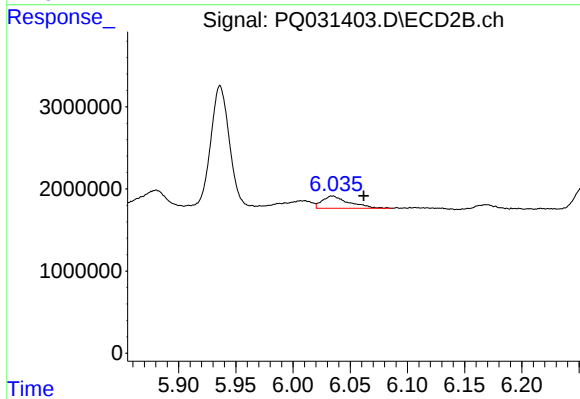
#19 AR-1242-4

R.T.: 6.007 min
Delta R.T.: -0.010 min
Response: 1891524
Conc: 45.82 ng/ml



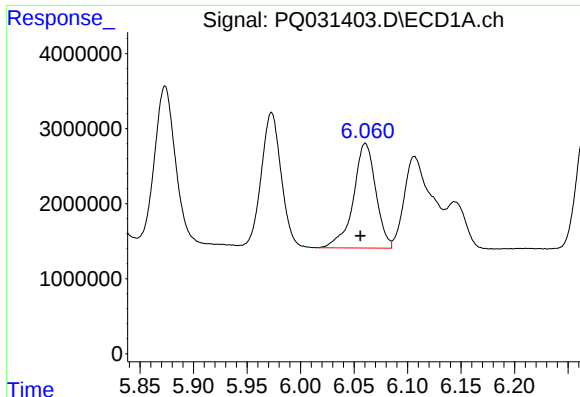
#20 AR-1242-5

R.T.: 6.409 min
Delta R.T.: 0.005 min
Response: 26270610
Conc: 562.11 ng/ml



#20 AR-1242-5

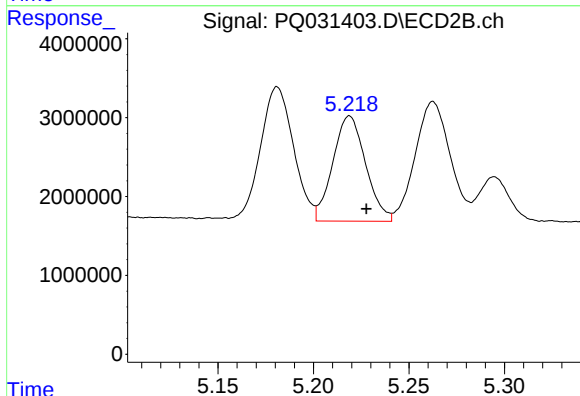
R.T.: 6.034 min
Delta R.T.: -0.027 min
Response: 2459761
Conc: 70.10 ng/ml



#21 AR-1248-1

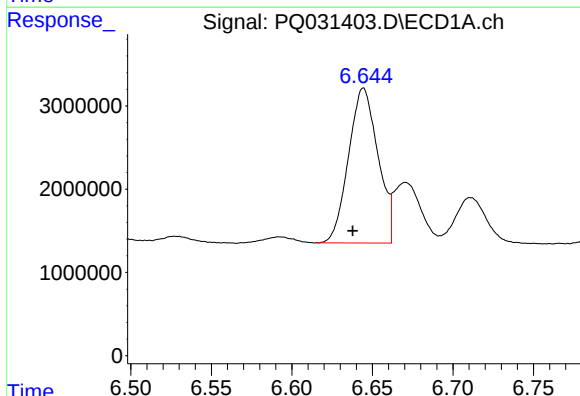
R.T.: 6.061 min
Delta R.T.: 0.005 min
Response: 20345706
Conc: 314.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



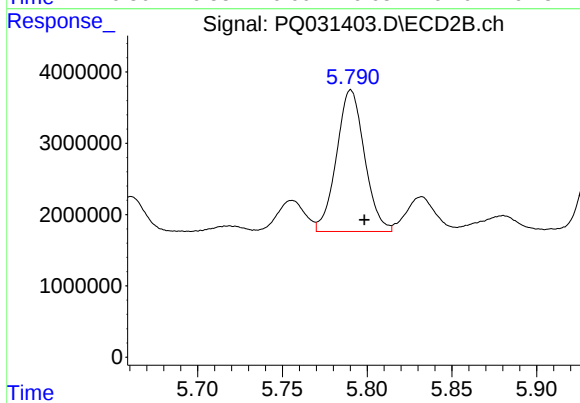
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: -0.009 min
Response: 15946043
Conc: 235.48 ng/ml



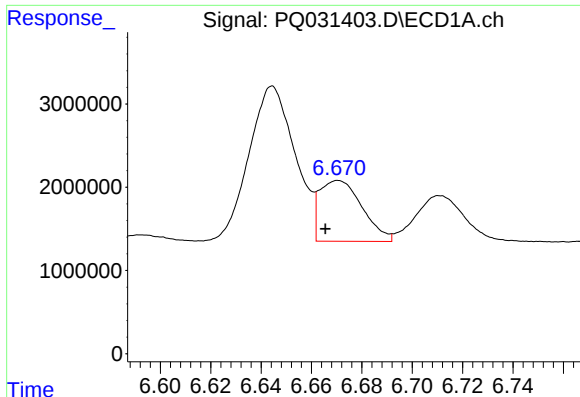
#22 AR-1248-2

R.T.: 6.644 min
Delta R.T.: 0.007 min
Response: 23652728
Conc: 339.34 ng/ml



#22 AR-1248-2

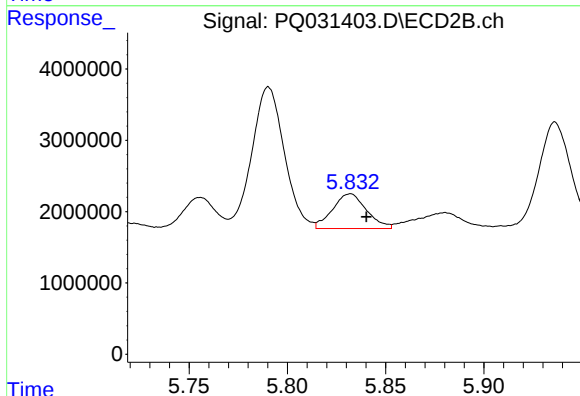
R.T.: 5.790 min
Delta R.T.: -0.008 min
Response: 22841207
Conc: 167.42 ng/ml



#23 AR-1248-3

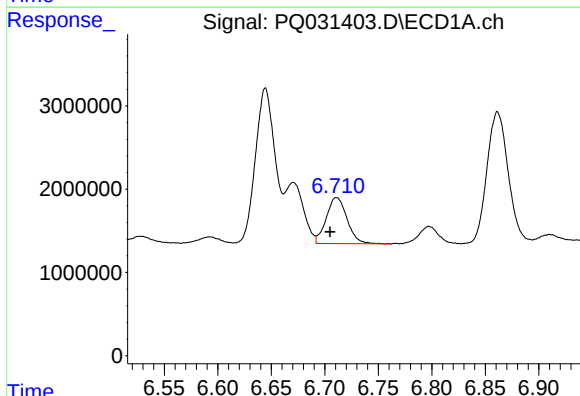
R.T.: 6.671 min
Delta R.T.: 0.005 min
Response: 8561863
Conc: 94.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



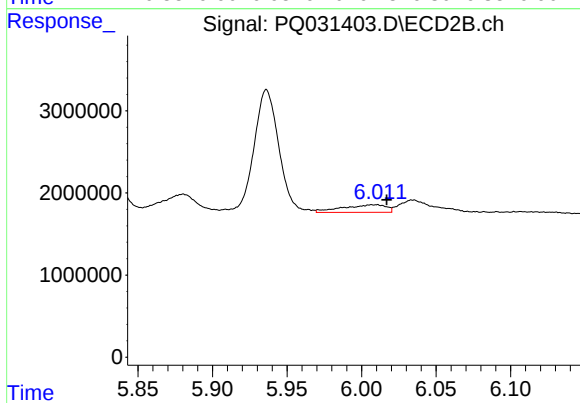
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: -0.008 min
Response: 5866161
Conc: 63.34 ng/ml



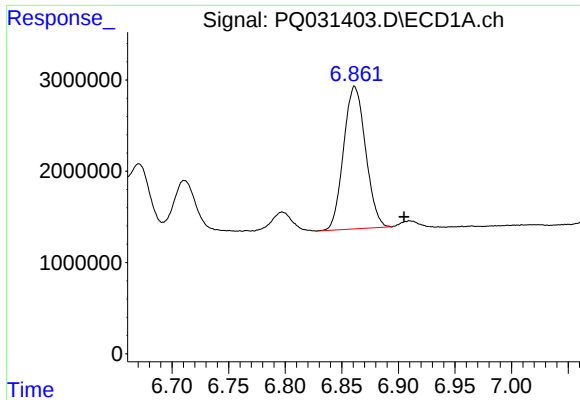
#24 AR-1248-4

R.T.: 6.711 min
Delta R.T.: 0.006 min
Response: 7469618
Conc: 85.75 ng/ml



#24 AR-1248-4

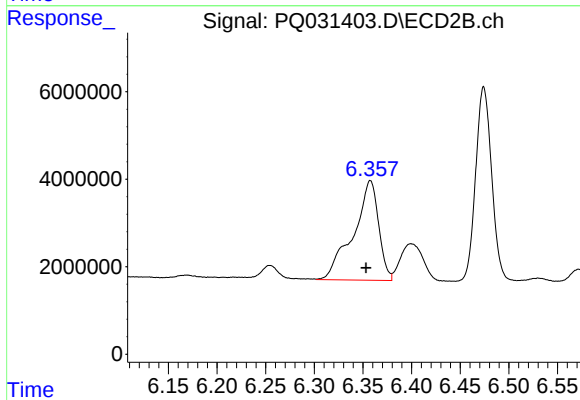
R.T.: 6.007 min
Delta R.T.: -0.010 min
Response: 1891524
Conc: 23.71 ng/ml



#25 AR-1248-5

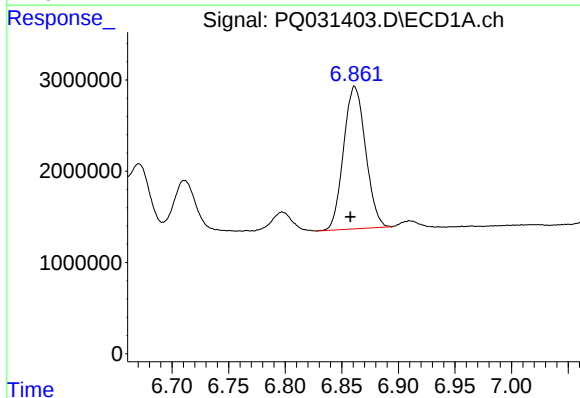
R.T.: 6.861 min
Delta R.T.: -0.044 min
Response: 21142904
Conc: 367.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



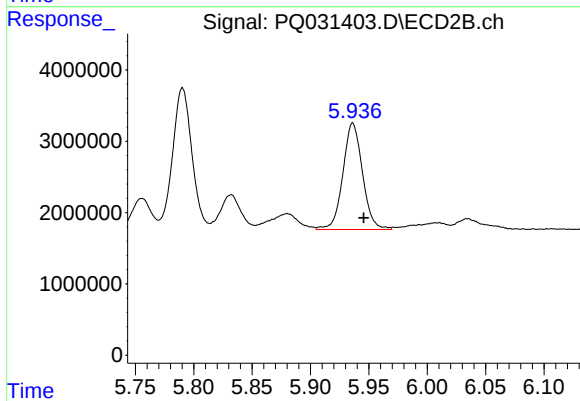
#25 AR-1248-5

R.T.: 6.358 min
Delta R.T.: 0.004 min
Response: 41305509
Conc: 572.05 ng/ml



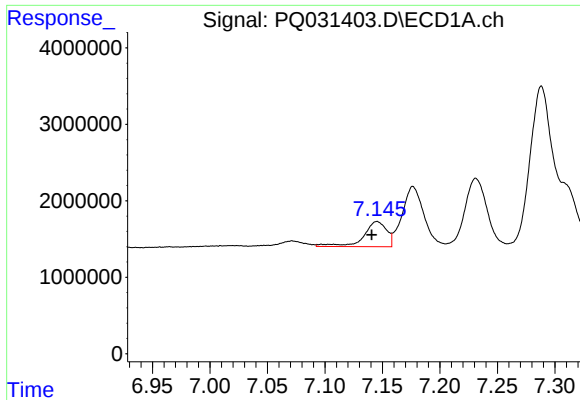
#26 AR-1254-1

R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 21142904
Conc: 132.24 ng/ml



#26 AR-1254-1

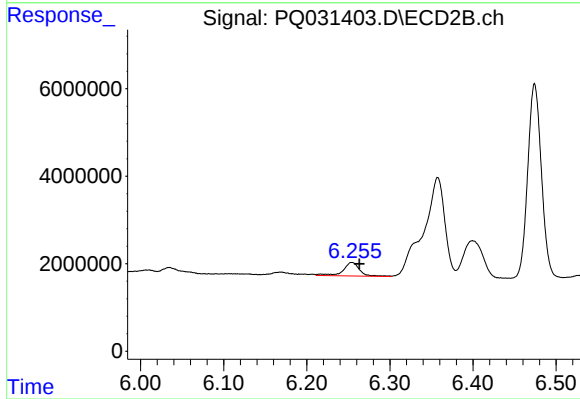
R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 17431955
Conc: 123.03 ng/ml



#27 AR-1254-2

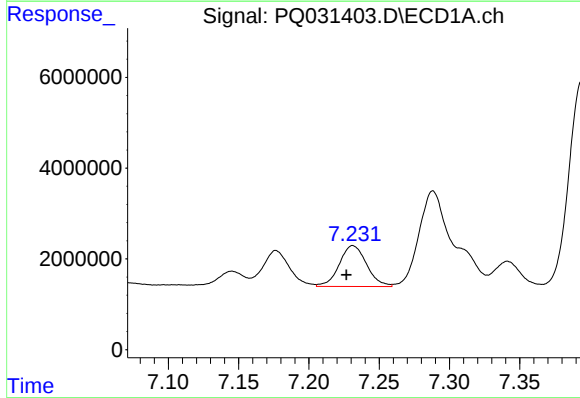
R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 4617012
Conc: 46.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



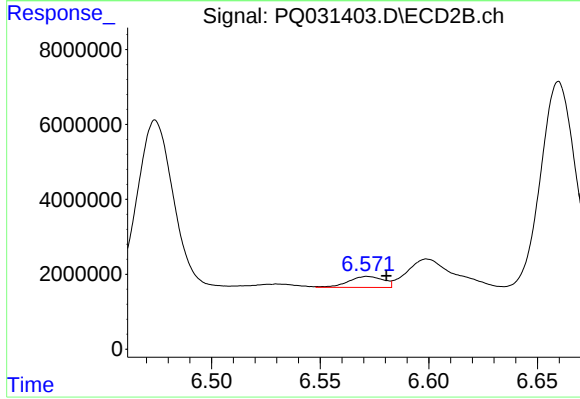
#27 AR-1254-2

R.T.: 6.254 min
Delta R.T.: -0.009 min
Response: 4359213
Conc: 36.45 ng/ml



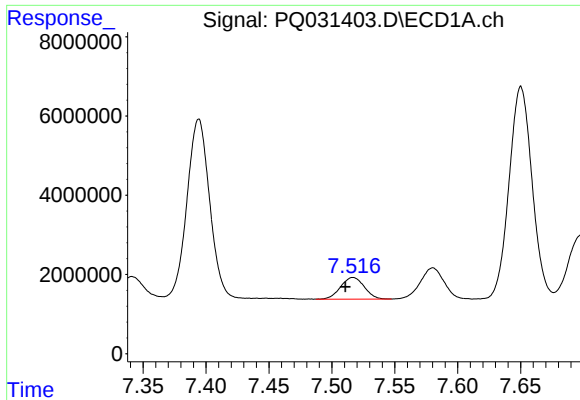
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: 0.005 min
Response: 12175203
Conc: 68.09 ng/ml



#28 AR-1254-3

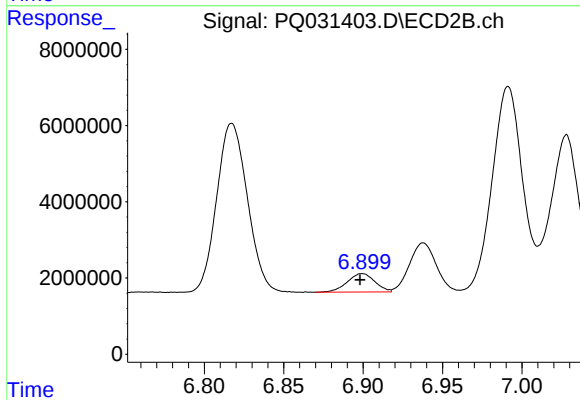
R.T.: 6.572 min
Delta R.T.: -0.009 min
Response: 3305722
Conc: 18.59 ng/ml



#29 AR-1254-4

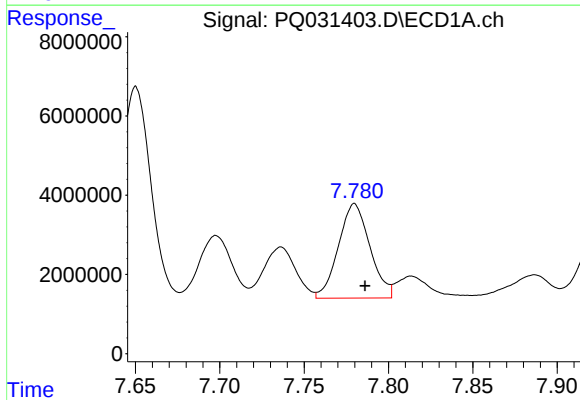
R.T.: 7.517 min
Delta R.T.: 0.006 min
Response: 7157591
Conc: 54.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



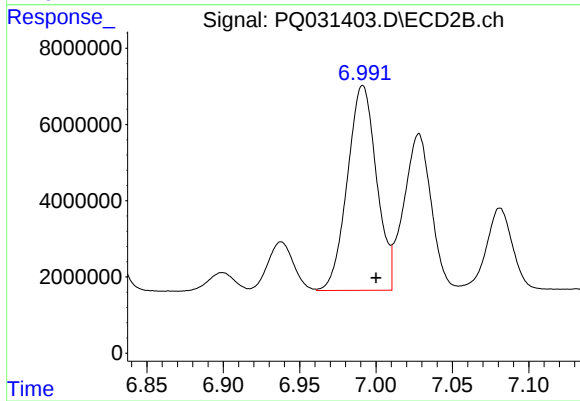
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.001 min
Response: 5877929
Conc: 54.83 ng/ml



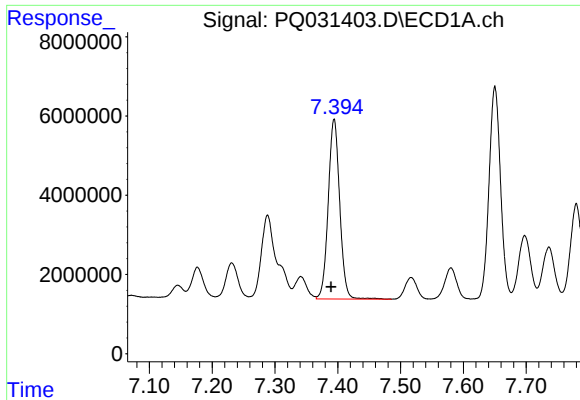
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: -0.006 min
Response: 31000870
Conc: 309.13 ng/ml



#30 AR-1254-5

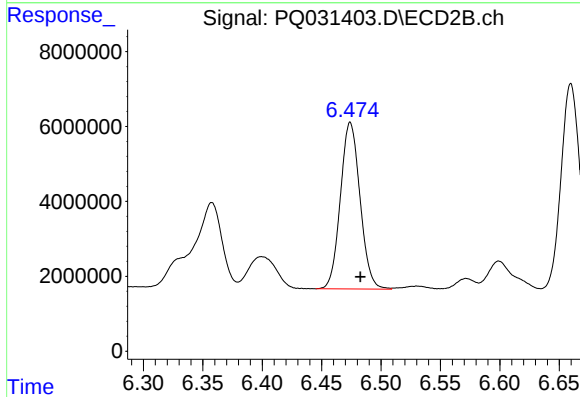
R.T.: 6.991 min
Delta R.T.: -0.009 min
Response: 71333050
Conc: 323.33 ng/ml



#31 AR-1260-1

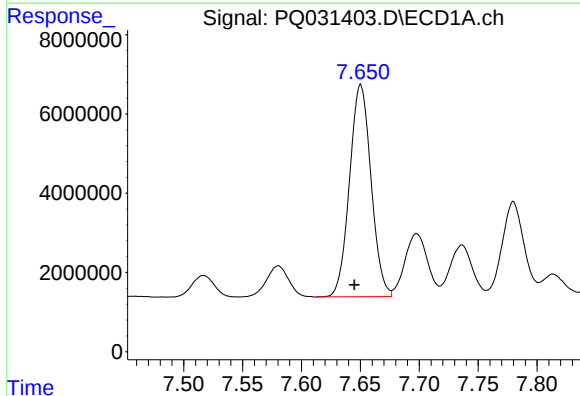
R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 57633011
Conc: 460.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



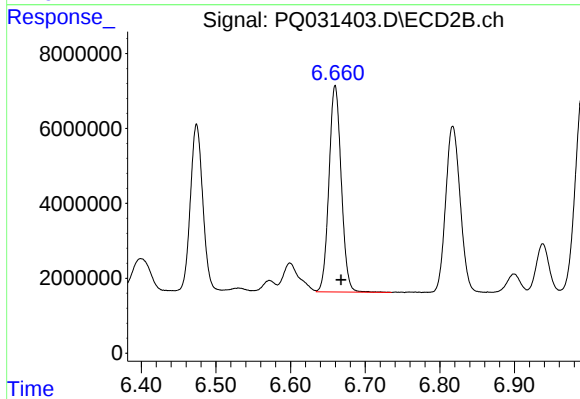
#31 AR-1260-1

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 51183581
Conc: 344.15 ng/ml



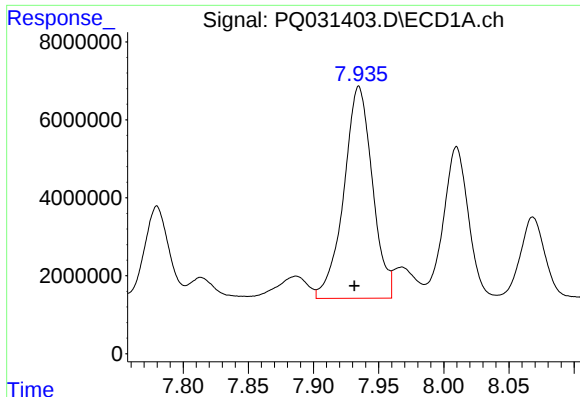
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 68150366
Conc: 451.45 ng/ml



#32 AR-1260-2

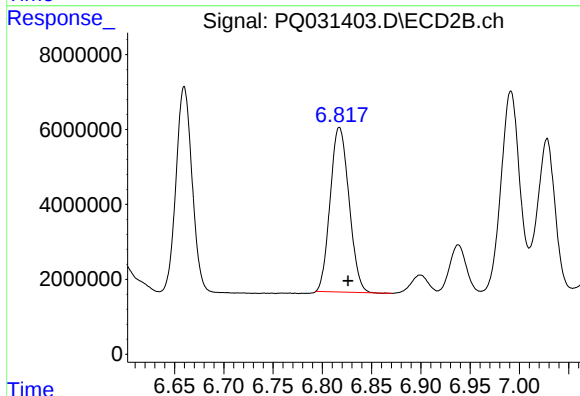
R.T.: 6.660 min
Delta R.T.: -0.008 min
Response: 63027146
Conc: 353.66 ng/ml



#33 AR-1260-3

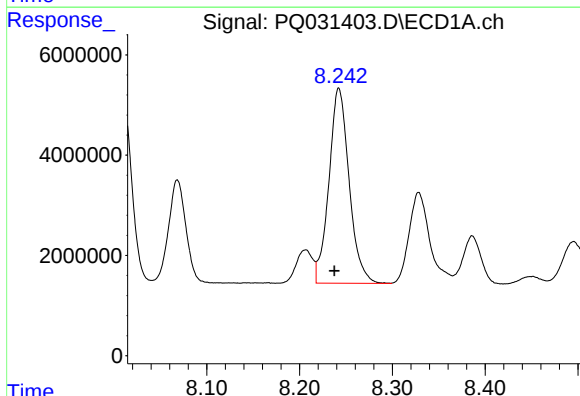
R.T.: 7.935 min
Delta R.T.: 0.003 min
Response: 82823366
Conc: 461.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



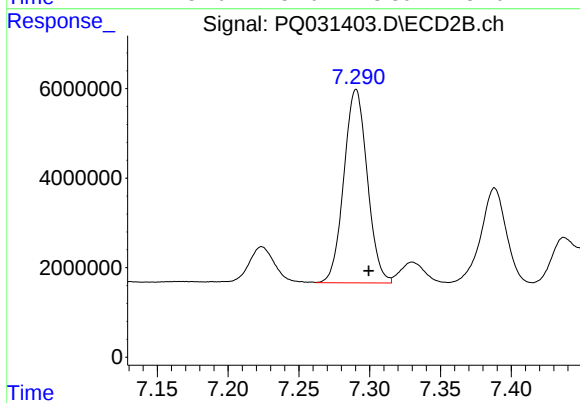
#33 AR-1260-3

R.T.: 6.817 min
Delta R.T.: -0.009 min
Response: 58472766
Conc: 340.15 ng/ml



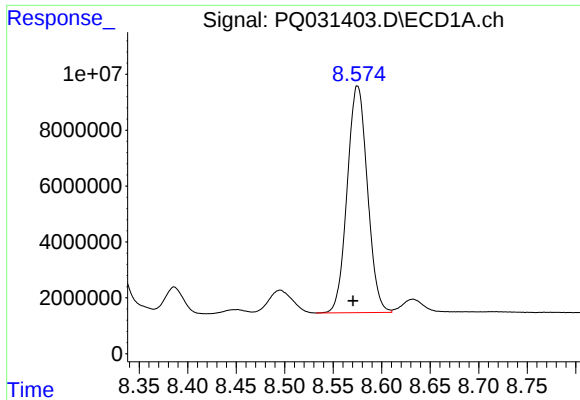
#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.005 min
Response: 58912777
Conc: 456.51 ng/ml



#34 AR-1260-4

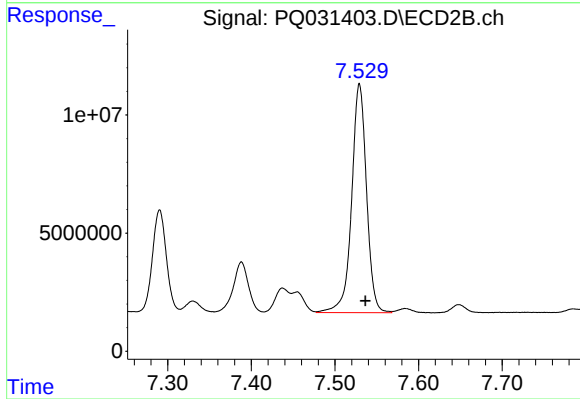
R.T.: 7.290 min
Delta R.T.: -0.009 min
Response: 49774443
Conc: 359.91 ng/ml



#35 AR-1260-5

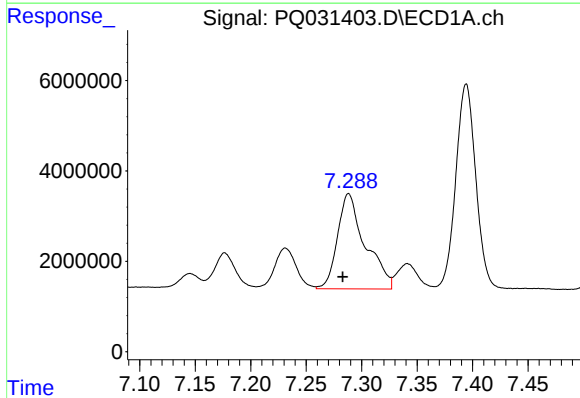
R.T.: 8.575 min
Delta R.T.: 0.005 min
Response: 117684634
Conc: 456.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



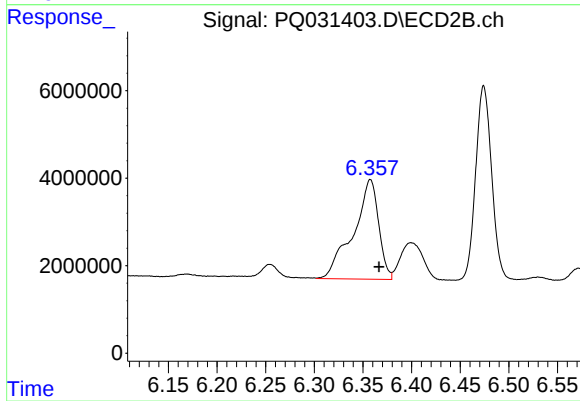
#35 AR-1260-5

R.T.: 7.529 min
Delta R.T.: -0.007 min
Response: 119615316
Conc: 373.96 ng/ml



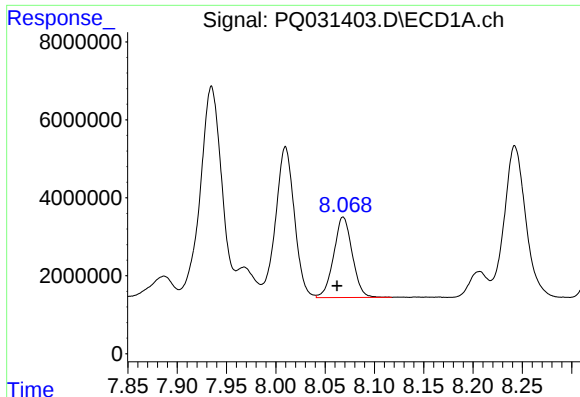
#36 AR-1262-1

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 36649129
Conc: 460.53 ng/ml



#36 AR-1262-1

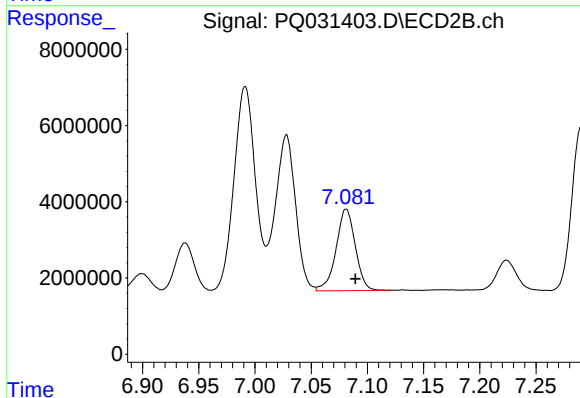
R.T.: 6.358 min
Delta R.T.: -0.009 min
Response: 41305509
Conc: 346.40 ng/ml



#37 AR-1262-2

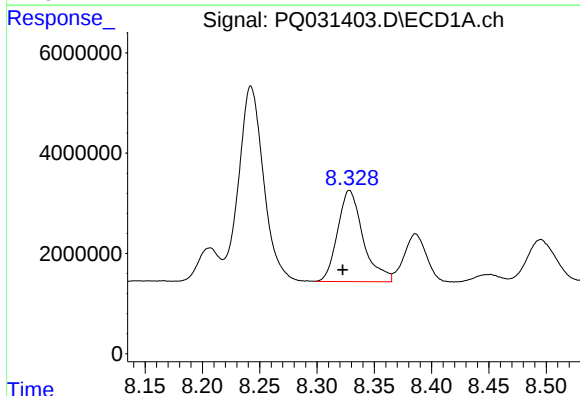
R.T.: 8.068 min
Delta R.T.: 0.006 min
Response: 27008869
Conc: 366.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



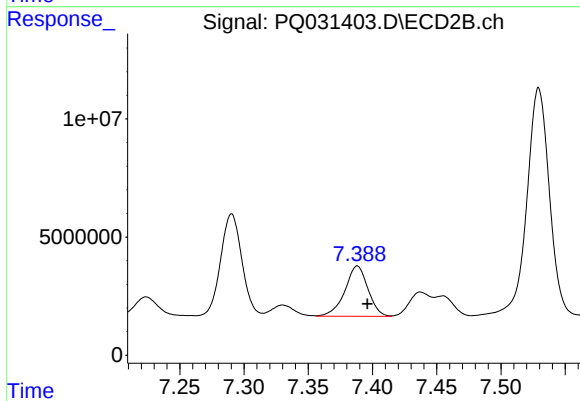
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 25548367
Conc: 266.53 ng/ml



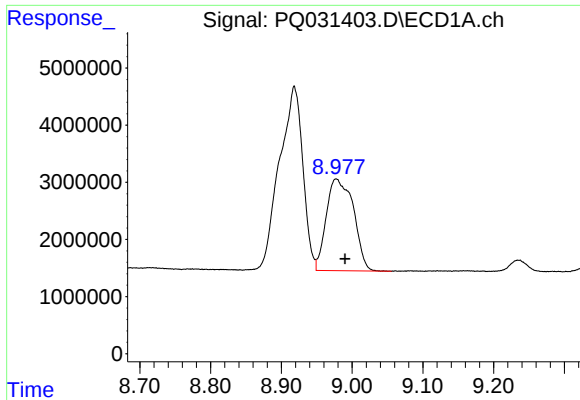
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: 0.006 min
Response: 28181079
Conc: 319.37 ng/ml



#38 AR-1262-3

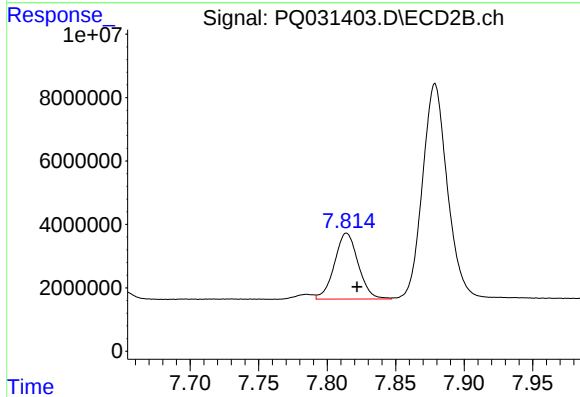
R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 26560818
Conc: 275.91 ng/ml



#39 AR-1262-4

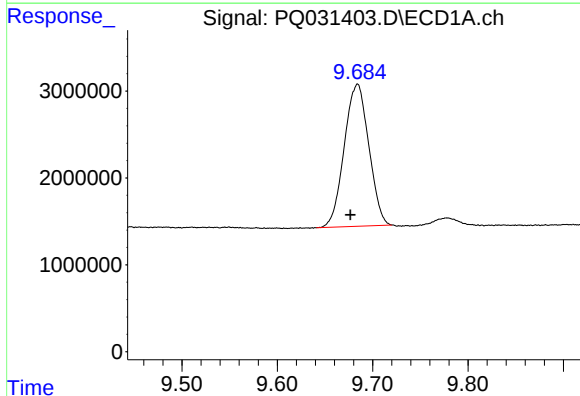
R.T.: 8.978 min
Delta R.T.: -0.012 min
Response: 42897687
Conc: 283.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



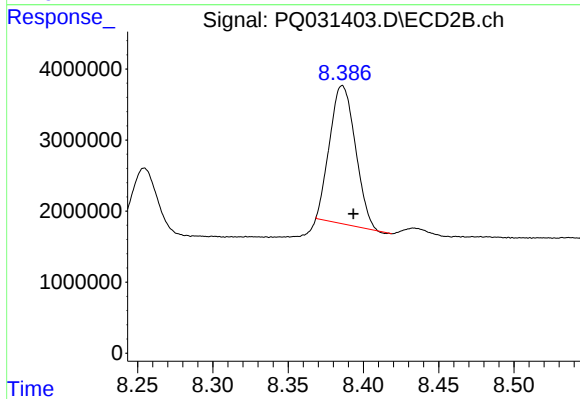
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.008 min
Response: 25178688
Conc: 148.72 ng/ml



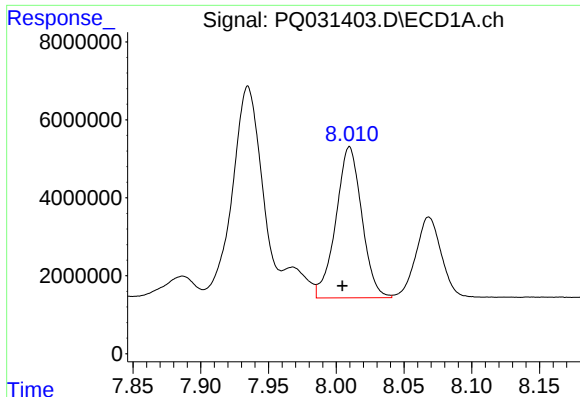
#40 AR-1262-5

R.T.: 9.684 min
Delta R.T.: 0.008 min
Response: 29251554
Conc: 293.35 ng/ml



#40 AR-1262-5

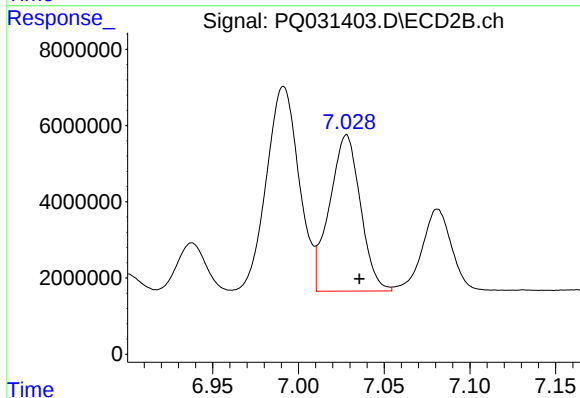
R.T.: 8.386 min
Delta R.T.: -0.007 min
Response: 23082078
Conc: 201.82 ng/ml



#41 AR-1268-1

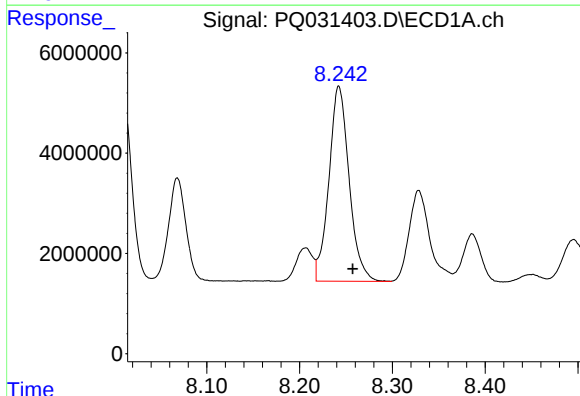
R.T.: 8.010 min
Delta R.T.: 0.005 min
Response: 51557571
Conc: 703.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



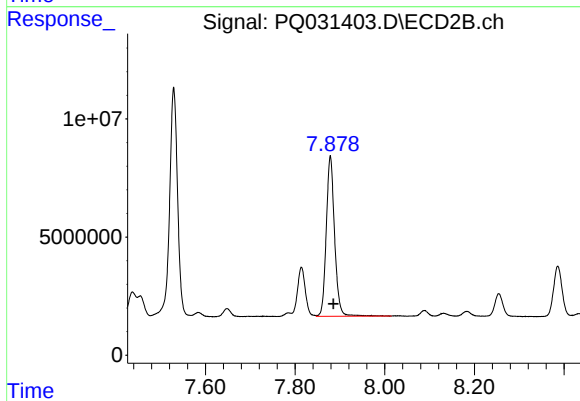
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 51426114
Conc: 585.87 ng/ml



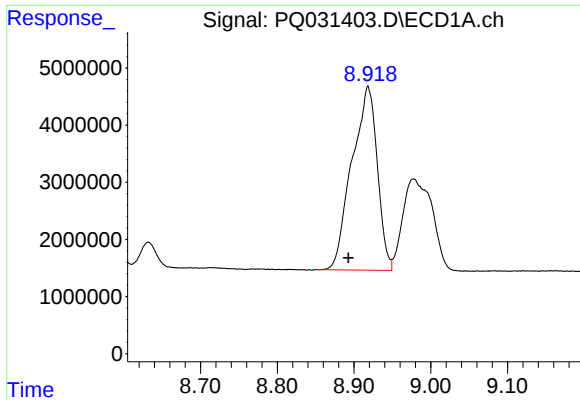
#42 AR-1268-2

R.T.: 8.242 min
Delta R.T.: -0.015 min
Response: 58912777
Conc: 594.92 ng/ml



#42 AR-1268-2

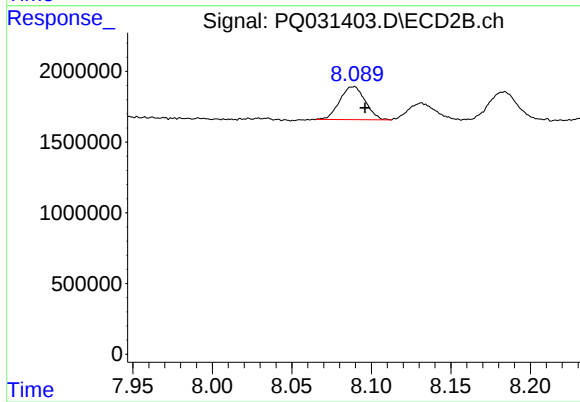
R.T.: 7.879 min
Delta R.T.: -0.007 min
Response: 87233519
Conc: 182.42 ng/ml



#43 AR-1268-3

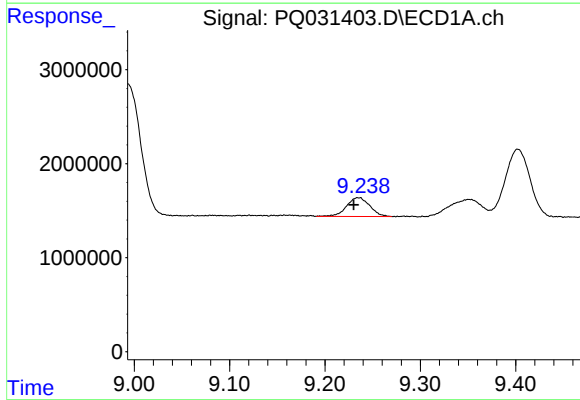
R.T.: 8.918 min
Delta R.T.: 0.025 min
Response: 73965011
Conc: 175.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



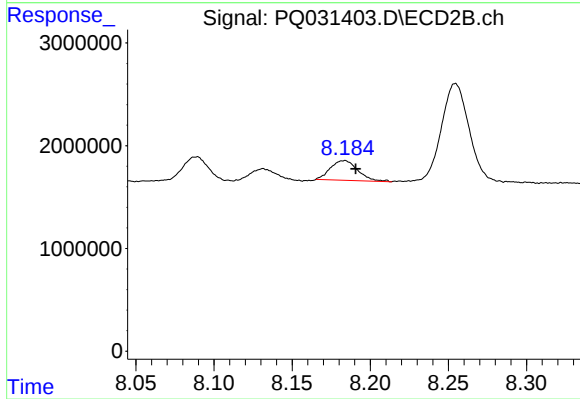
#43 AR-1268-3

R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 2613084
Conc: 6.68 ng/ml



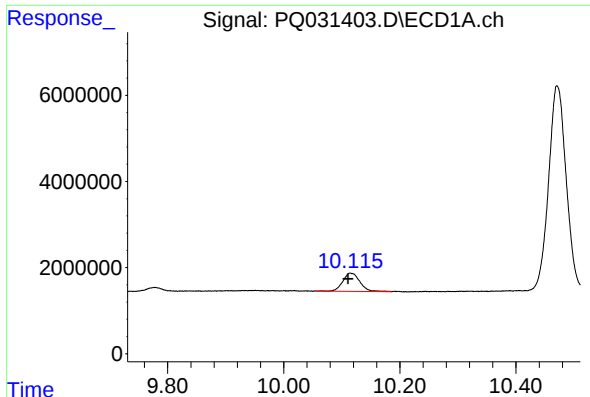
#44 AR-1268-4

R.T.: 9.235 min
Delta R.T.: 0.005 min
Response: 3370619
Conc: 10.64 ng/ml



#44 AR-1268-4

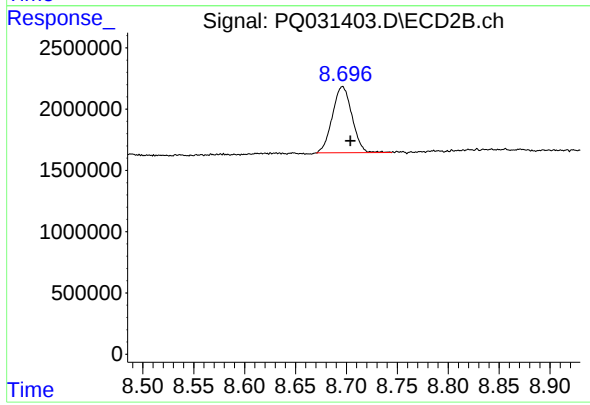
R.T.: 8.183 min
Delta R.T.: -0.007 min
Response: 2353619
Conc: 24.10 ng/ml



#45 AR-1268-5

R.T.: 10.115 min
Delta R.T.: 0.004 min
Response: 8589640
Conc: 9.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.696 min
Delta R.T.: -0.008 min
Response: 7244229
Conc: 6.65 ng/ml