

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092118\
 Data File : PQ032128.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 10:20
 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: Sep 22 00:40:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 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...	4.597	3.875	46489226	37492914	21.982	21.466
2)	SA Decachlor...	10.456	8.952	80118206	73383211	38.098	39.575
Target Compounds							
3)	L1 AR-1016-1	5.776	4.973	30982436	27482638	416.166	418.387
4)	L1 AR-1016-2	5.797	4.993	47511125	37936424	422.585	405.591
5)	L1 AR-1016-3	5.861	5.172	28359816	20682560	421.477	426.123
6)	L1 AR-1016-4	5.961	5.211	23636946	16397214	430.389	443.887
7)	L1 AR-1016-5	6.256	5.427	24432123	22154864	426.305	433.918
8)	L2 AR-1221-1	4.804	4.089	2886486	2254976	143.203	124.959
9)	L2 AR-1221-2	4.896	4.178	3999116	2964024	273.893	239.504
10)	L2 AR-1221-3	4.973	4.256	15503750	12996824	302.343	293.379
11)	L3 AR-1232-1	4.973	4.256	15503750	12996824	435.612	420.758
12)	L3 AR-1232-2	5.507	4.993	22775852	37936424	1232.158	1146.863
13)	L3 AR-1232-3	5.797	5.172	47511125	20682560	1235.879	1236.648
14)	L3 AR-1232-4	5.961	5.254	23636946	20087975	1304.527	1348.640
15)	L3 AR-1232-5	6.049	5.427	20370006	22154864	1452.660	1385.192
16)	L4 AR-1242-1	5.776	4.973	30982436	27482638	611.328	603.262
17)	L4 AR-1242-2	5.797	4.993	47511125	37936424	621.655	596.902
18)	L4 AR-1242-3	5.861	5.172	28359816	20682560	605.294	606.758
19)	L4 AR-1242-4	5.961	5.254	23636946	20087975	631.045	596.220
20)	L4 AR-1242-5	6.699	5.780	6859933	22315907	157.722	504.759 #
21)	L5 AR-1248-1	5.776	4.973	30982436	27482638	657.641	668.297
22)	L5 AR-1248-2	6.049	5.211	20370006	16397214	296.669	292.062
23)	L5 AR-1248-3	6.256	5.254	24432123	20087975	313.060	348.502
24)	L5 AR-1248-4	6.659	5.427	8477448	22154864	93.046	311.231 #
25)	L5 AR-1248-5	6.699	5.821	6859933	5414389	79.486	76.226
26)	L6 AR-1254-1	6.632	5.780	22846041	22315907	232.689	187.044
27)	L6 AR-1254-2	6.850	5.925	20648652	16373092	133.342	156.314
28)	L6 AR-1254-3	7.220	6.347	10716032	37374087	63.569	210.165 #
29)	L6 AR-1254-4	7.506	6.561	6257510	2745232	50.035	24.123 #
30)	L6 AR-1254-5	7.925	6.979	68720080	60446854	497.856	389.375
31)	L7 AR-1260-1	7.383	6.463	49787654	45964982	401.394	410.921
32)	L7 AR-1260-2	7.639	6.649	59033228	56104685	402.018	412.725
33)	L7 AR-1260-3	8.000	6.806	42361227	51598037	401.337	410.800
34)	L7 AR-1260-4	8.232	7.277	47922874	41640454	394.052	408.675
35)	L7 AR-1260-5	8.564	7.516	96157571	98195185	397.785	397.624
36)	L8 AR-1262-1	8.000	7.016	42361227	44072346	298.849	315.990
37)	L8 AR-1262-2	8.564	7.516	96157571	98195185	368.919	374.385
38)	L8 AR-1262-3	8.907	7.801	58949591	19719675	338.813	201.865 #
39)	L8 AR-1262-4	8.964	7.866	34961692	68389974	269.000	365.052 #
40)	L8 AR-1262-5	9.670	8.372	24374660	22269652	261.576	255.022
41)	L9 AR-1268-1	8.907	7.801	58949591	19719675	169.684	58.944 #

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 Operator : SM\SJ
 Sample : AR1660CCC400
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 ALS Vial : 3 Sample Multiplier: 1

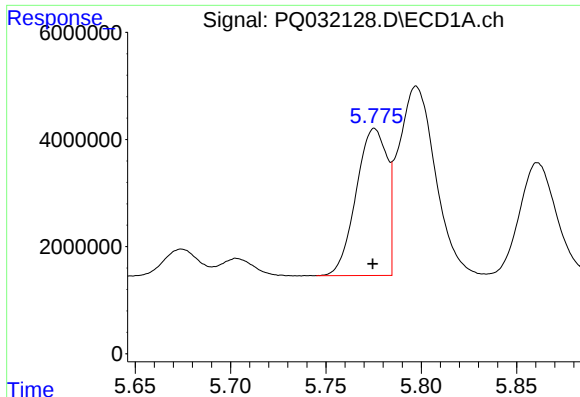
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:40:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.964	7.866	34961692	68389974	110.762	227.160 #
43) L9	AR-1268-3	9.224	8.075	1648751	1567199	6.172	6.295
44) L9	AR-1268-4	9.670	8.372	24374660	22269652	210.008	206.088
45) L9	AR-1268-5	10.103	8.681	6676012	5842660	7.770	7.362

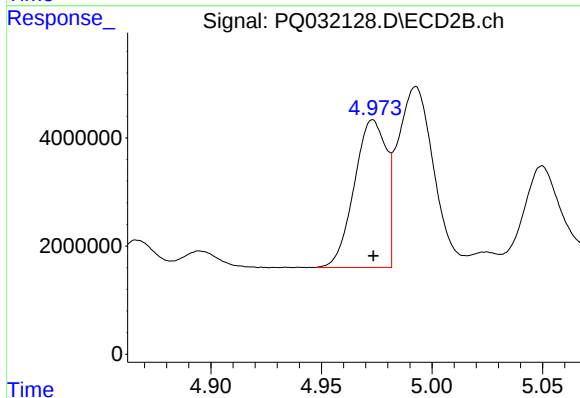
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

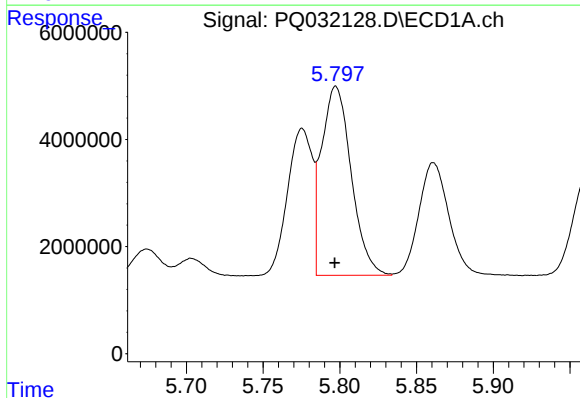
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 30982436
Conc: 416.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



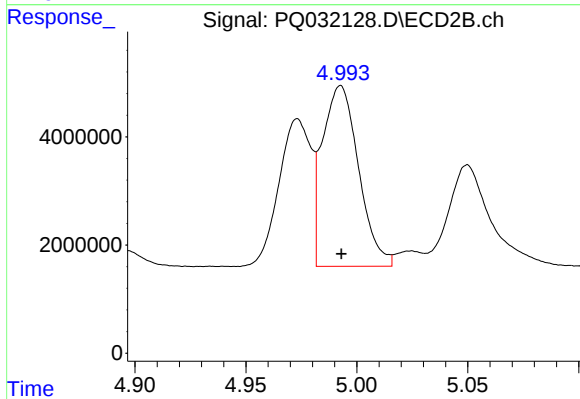
#3 AR-1016-1

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 27482638
Conc: 418.39 ng/ml



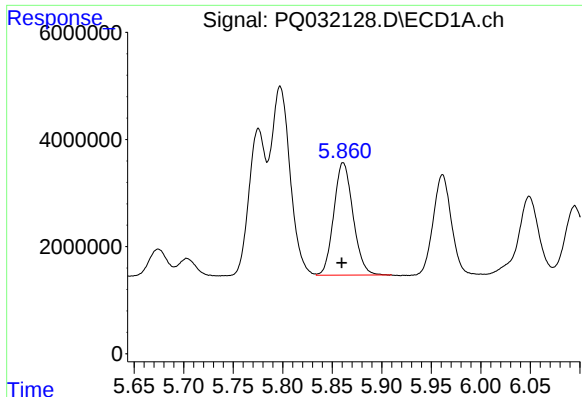
#4 AR-1016-2

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 47511125
Conc: 422.58 ng/ml



#4 AR-1016-2

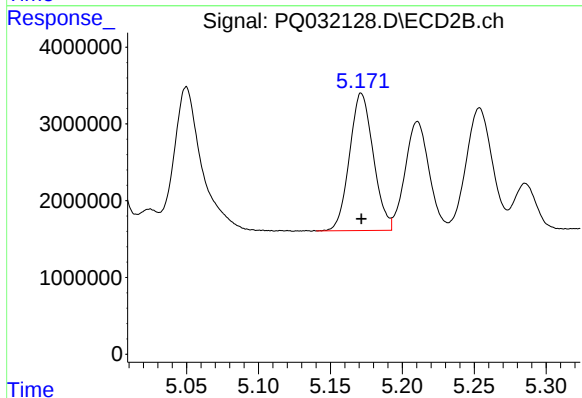
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 37936424
Conc: 405.59 ng/ml



#5 AR-1016-3

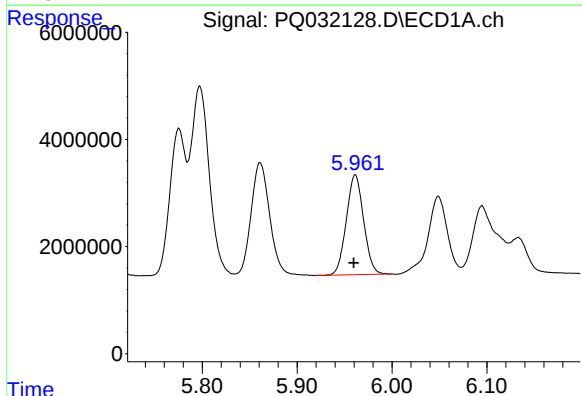
R.T.: 5.861 min
Delta R.T.: 0.001 min
Response: 28359816
Conc: 421.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



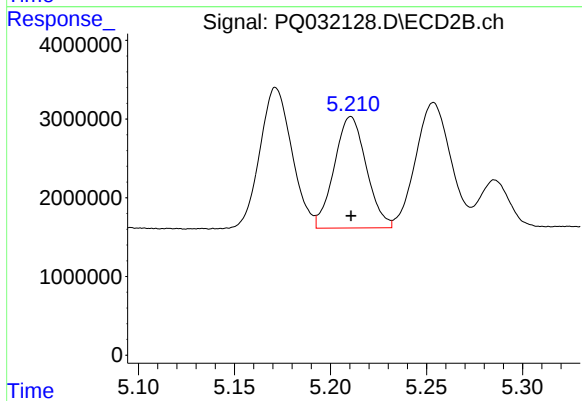
#5 AR-1016-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 20682560
Conc: 426.12 ng/ml



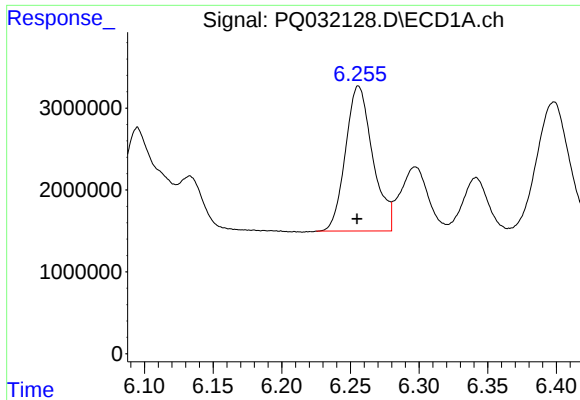
#6 AR-1016-4

R.T.: 5.961 min
Delta R.T.: 0.002 min
Response: 23636946
Conc: 430.39 ng/ml



#6 AR-1016-4

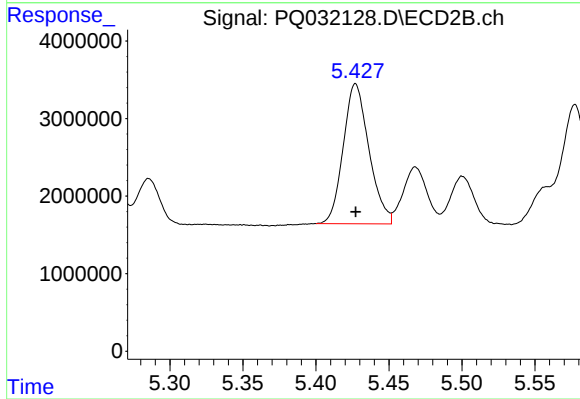
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 16397214
Conc: 443.89 ng/ml



#7 AR-1016-5

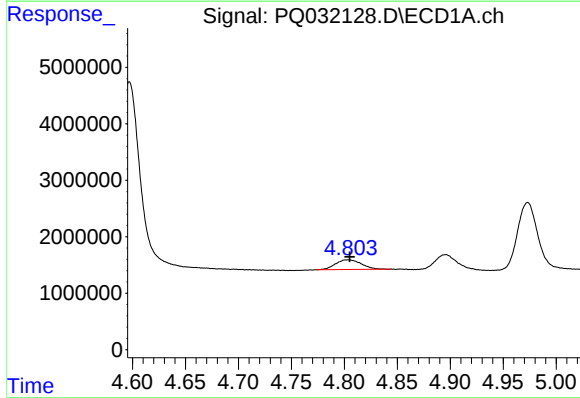
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 24432123
Conc: 426.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



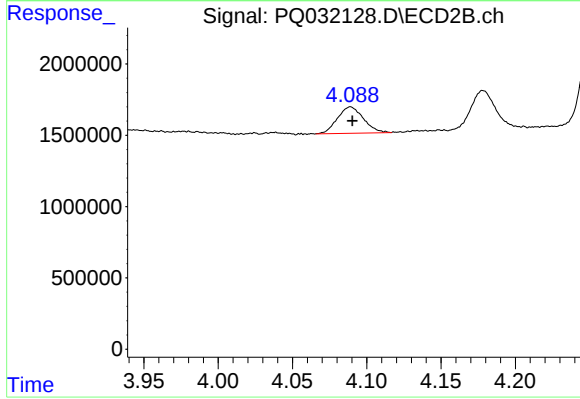
#7 AR-1016-5

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 22154864
Conc: 433.92 ng/ml



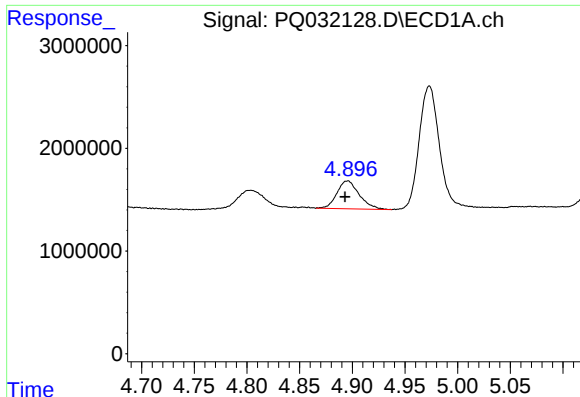
#8 AR-1221-1

R.T.: 4.804 min
Delta R.T.: -0.001 min
Response: 2886486
Conc: 143.20 ng/ml



#8 AR-1221-1

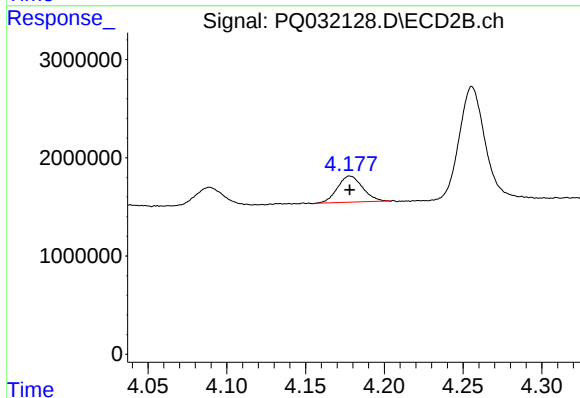
R.T.: 4.089 min
Delta R.T.: -0.001 min
Response: 2254976
Conc: 124.96 ng/ml



#9 AR-1221-2

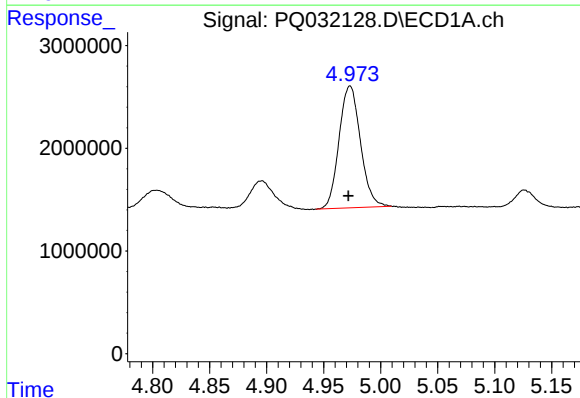
R.T.: 4.896 min
Delta R.T.: 0.003 min
Response: 3999116
Conc: 273.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



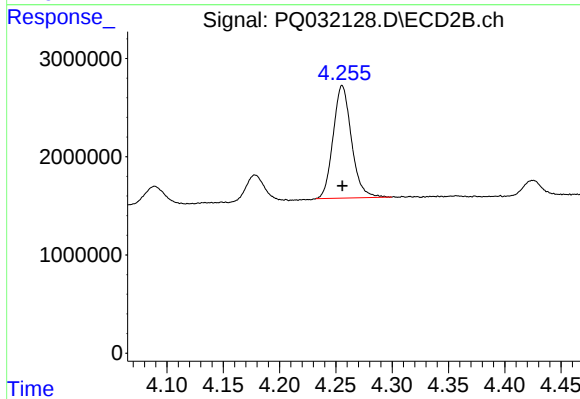
#9 AR-1221-2

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 2964024
Conc: 239.50 ng/ml



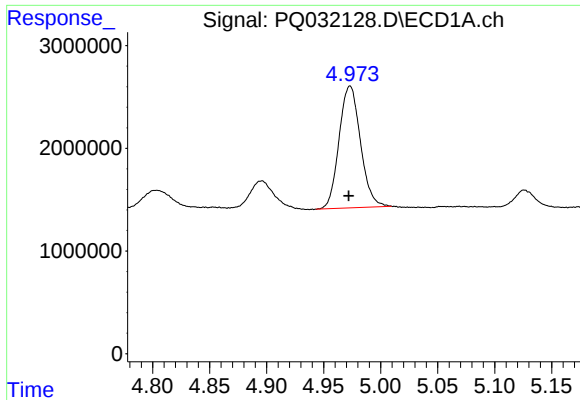
#10 AR-1221-3

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 15503750
Conc: 302.34 ng/ml



#10 AR-1221-3

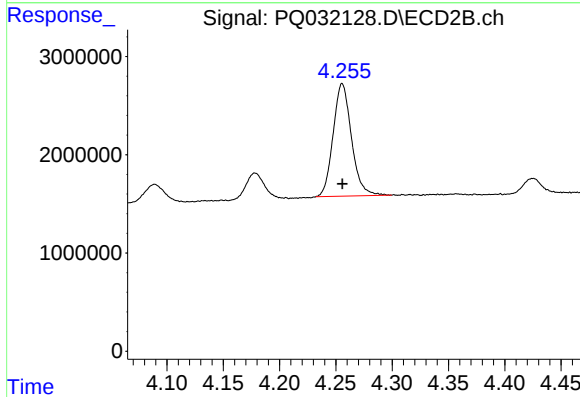
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 12996824
Conc: 293.38 ng/ml



#11 AR-1232-1

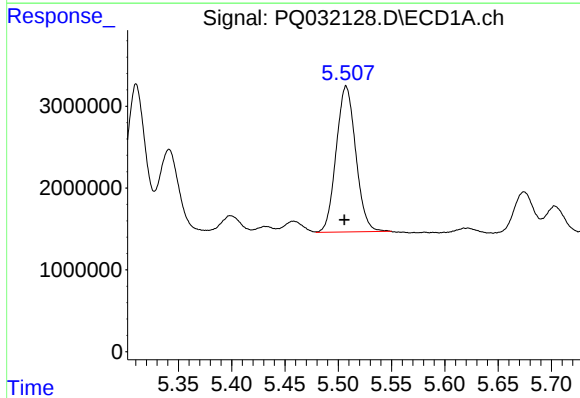
R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 15503750
Conc: 435.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



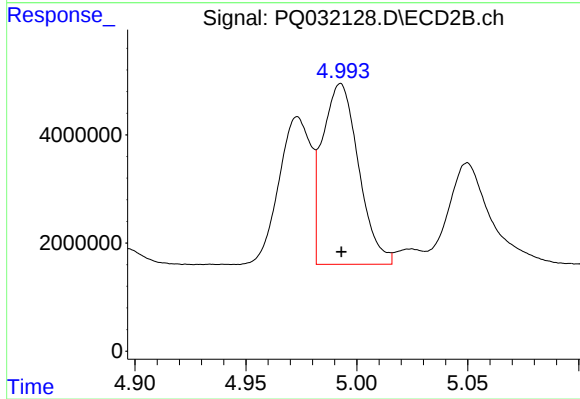
#11 AR-1232-1

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 12996824
Conc: 420.76 ng/ml



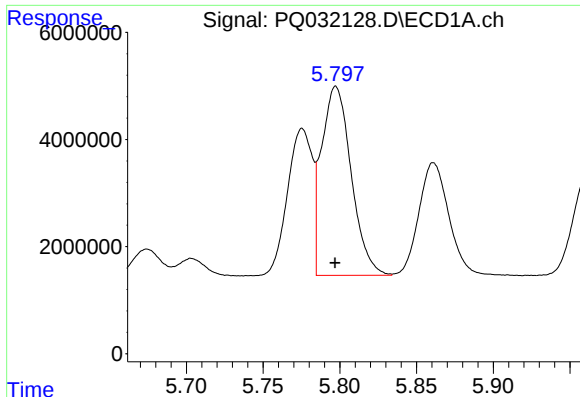
#12 AR-1232-2

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 22775852
Conc: 1232.16 ng/ml



#12 AR-1232-2

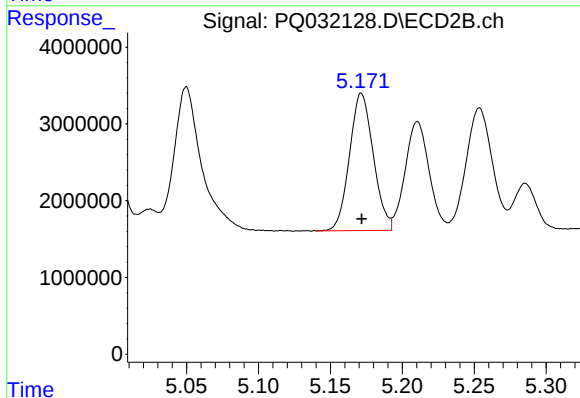
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 37936424
Conc: 1146.86 ng/ml



#13 AR-1232-3

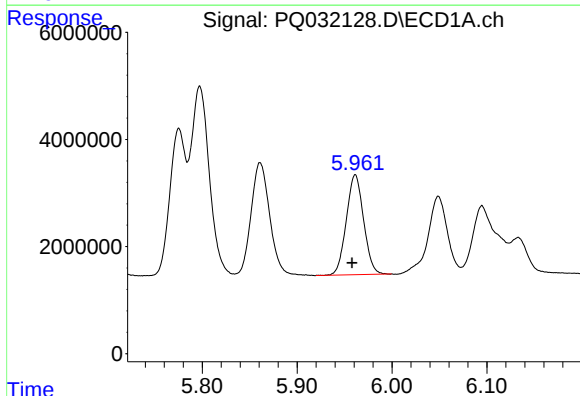
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 47511125
Conc: 1235.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



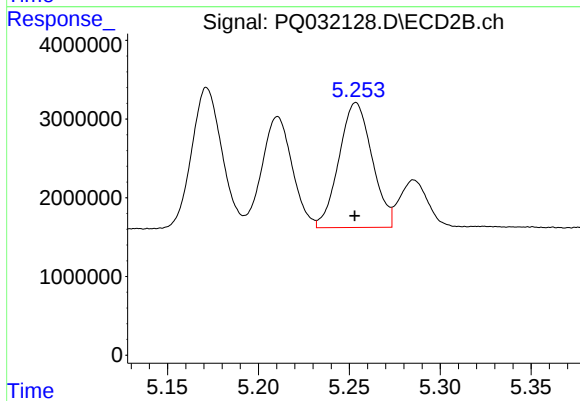
#13 AR-1232-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 20682560
Conc: 1236.65 ng/ml



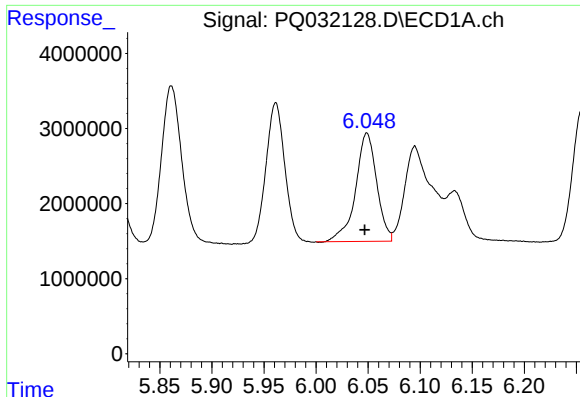
#14 AR-1232-4

R.T.: 5.961 min
Delta R.T.: 0.004 min
Response: 23636946
Conc: 1304.53 ng/ml



#14 AR-1232-4

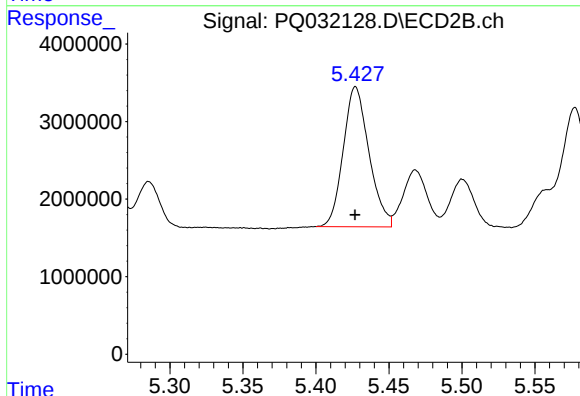
R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 20087975
Conc: 1348.64 ng/ml



#15 AR-1232-5

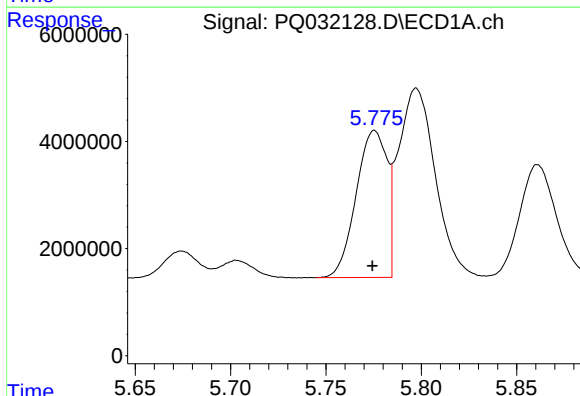
R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 20370006
Conc: 1452.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



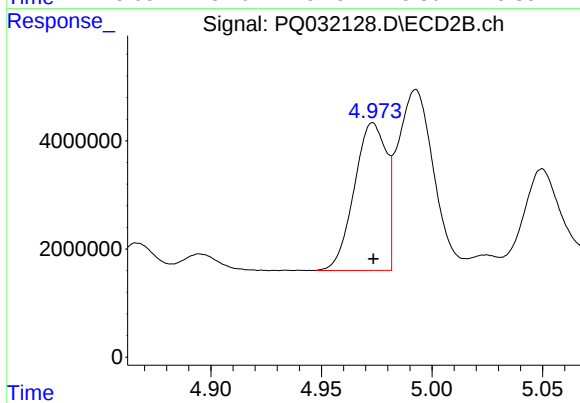
#15 AR-1232-5

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 22154864
Conc: 1385.19 ng/ml



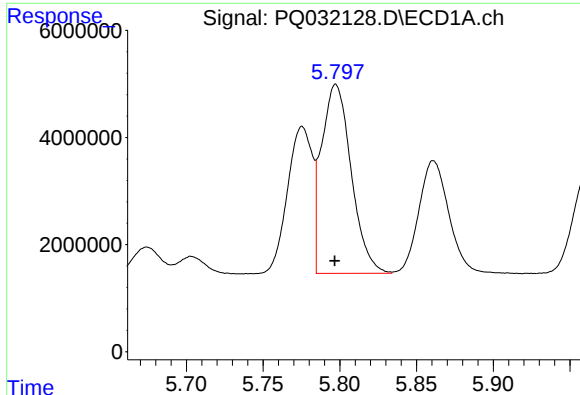
#16 AR-1242-1

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 30982436
Conc: 611.33 ng/ml



#16 AR-1242-1

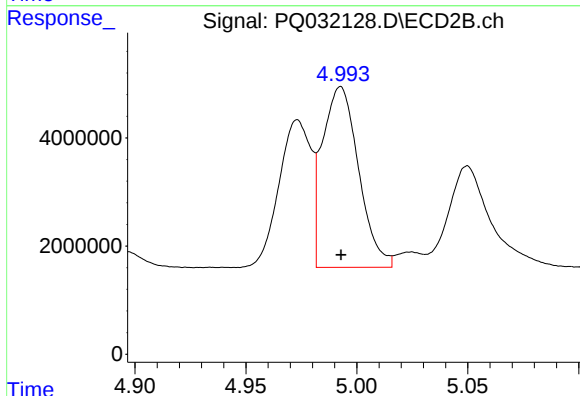
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 27482638
Conc: 603.26 ng/ml



#17 AR-1242-2

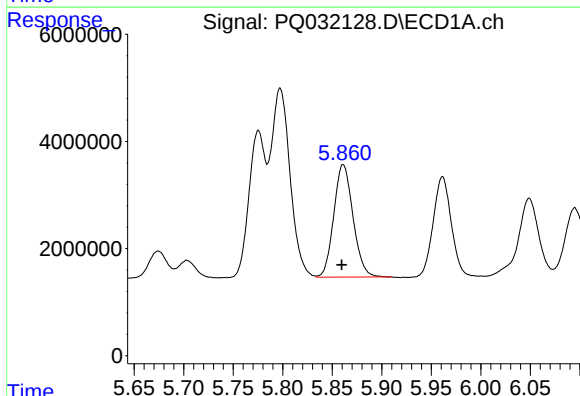
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 47511125
Conc: 621.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



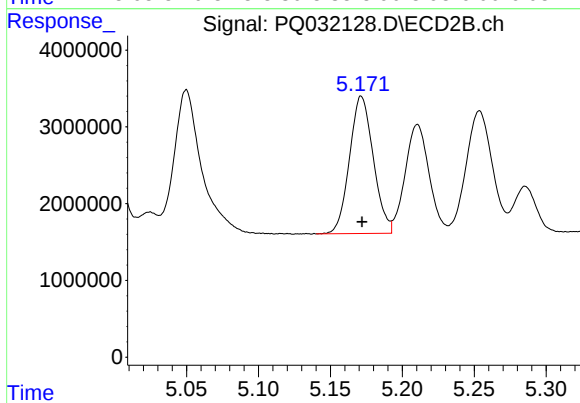
#17 AR-1242-2

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 37936424
Conc: 596.90 ng/ml



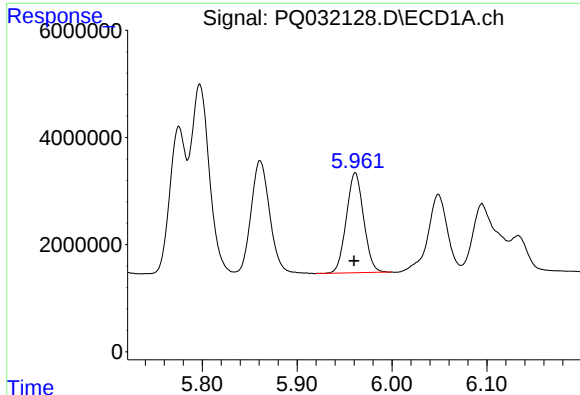
#18 AR-1242-3

R.T.: 5.861 min
Delta R.T.: 0.001 min
Response: 28359816
Conc: 605.29 ng/ml



#18 AR-1242-3

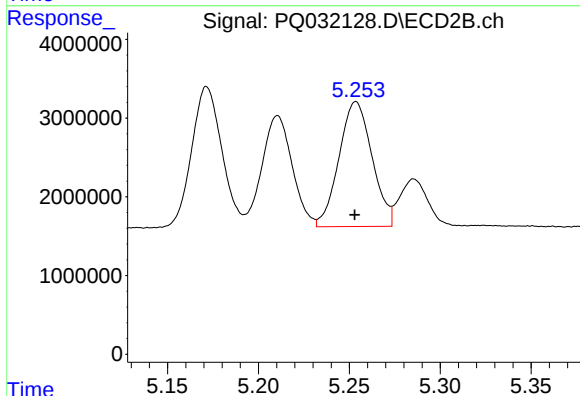
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 20682560
Conc: 606.76 ng/ml



#19 AR-1242-4

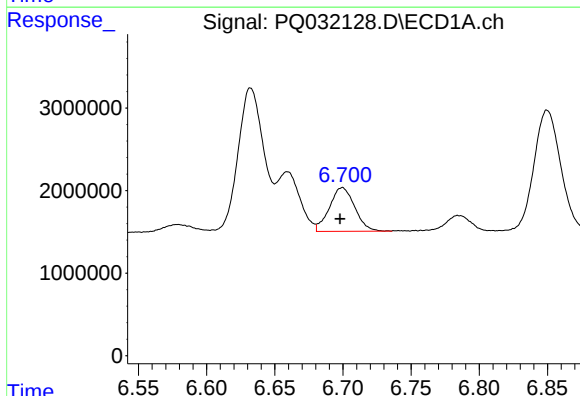
R.T.: 5.961 min
Delta R.T.: 0.001 min
Response: 23636946
Conc: 631.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



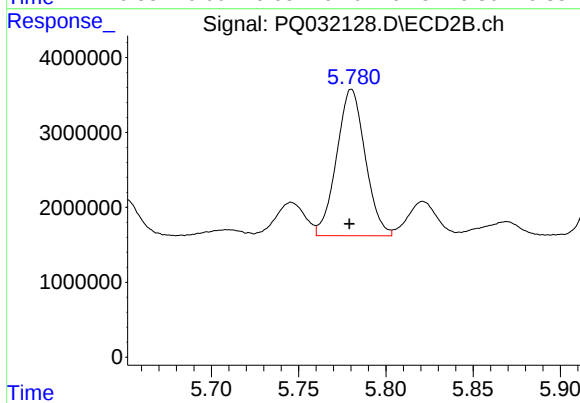
#19 AR-1242-4

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 20087975
Conc: 596.22 ng/ml



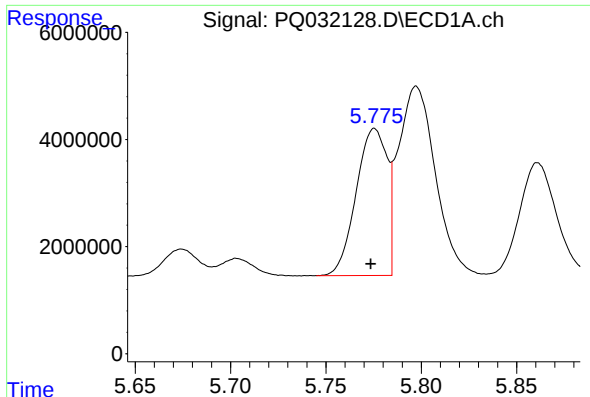
#20 AR-1242-5

R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 6859933
Conc: 157.72 ng/ml



#20 AR-1242-5

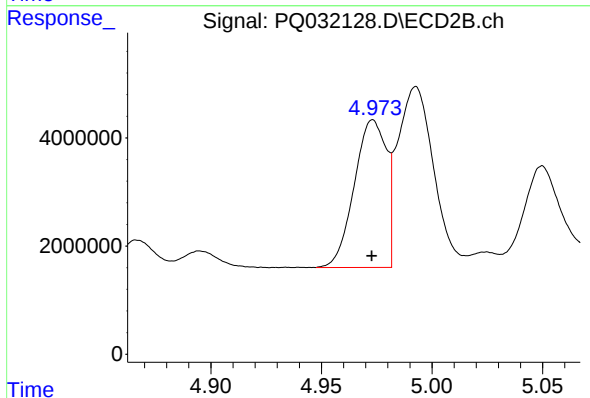
R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 22315907
Conc: 504.76 ng/ml



#21 AR-1248-1

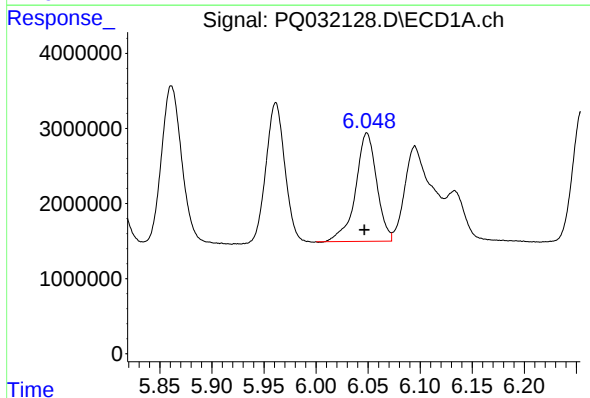
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 30982436
Conc: 657.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



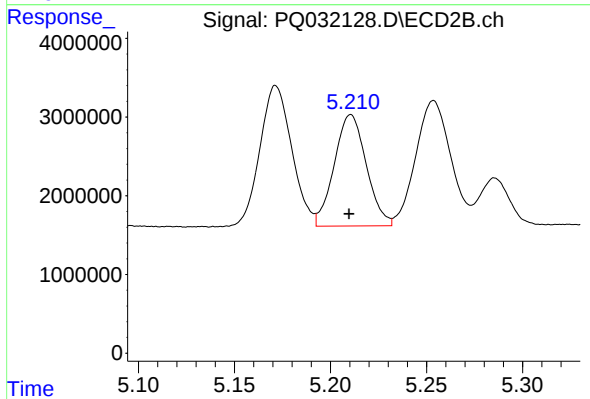
#21 AR-1248-1

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 27482638
Conc: 668.30 ng/ml



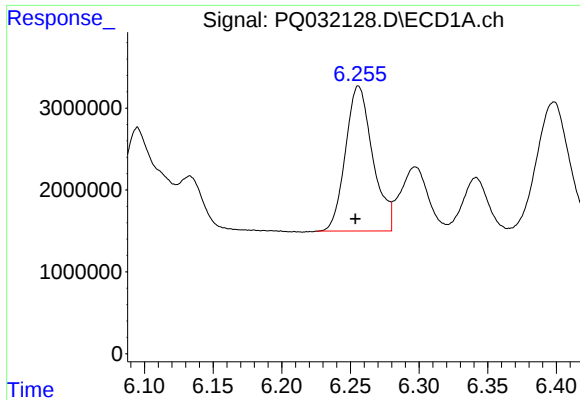
#22 AR-1248-2

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 20370006
Conc: 296.67 ng/ml



#22 AR-1248-2

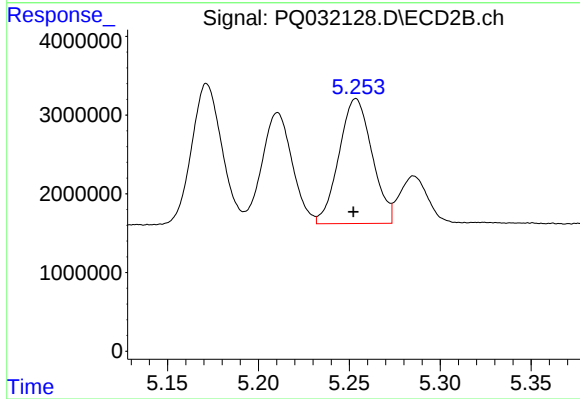
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 16397214
Conc: 292.06 ng/ml



#23 AR-1248-3

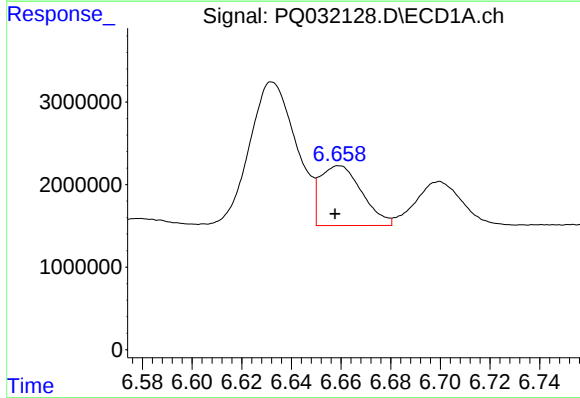
R.T.: 6.256 min
Delta R.T.: 0.002 min
Response: 24432123
Conc: 313.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



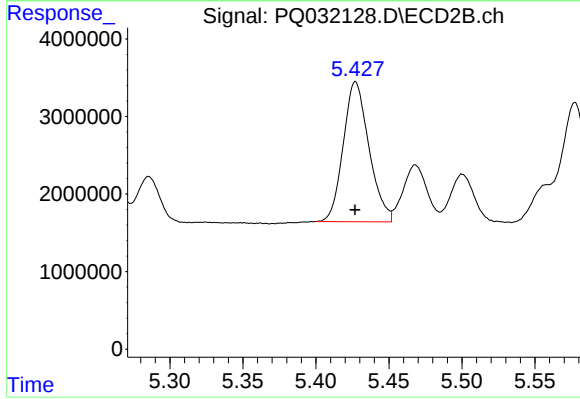
#23 AR-1248-3

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 20087975
Conc: 348.50 ng/ml



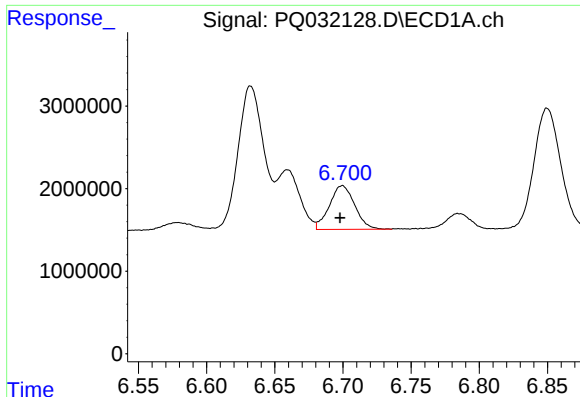
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: 0.002 min
Response: 8477448
Conc: 93.05 ng/ml



#24 AR-1248-4

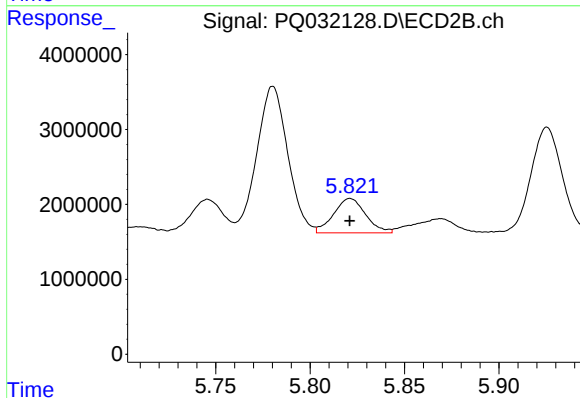
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 22154864
Conc: 311.23 ng/ml



#25 AR-1248-5

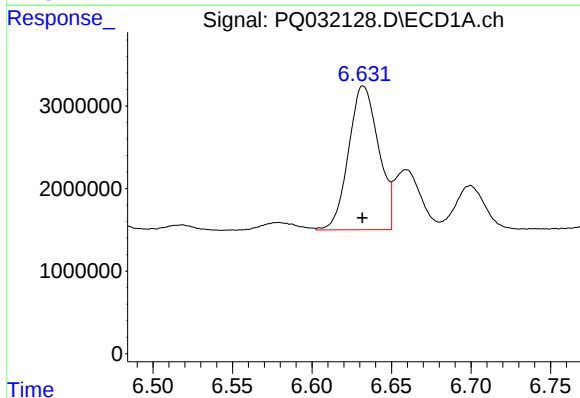
R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 6859933
Conc: 79.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



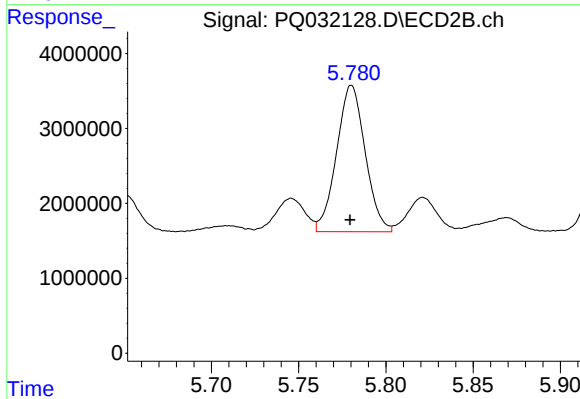
#25 AR-1248-5

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 5414389
Conc: 76.23 ng/ml



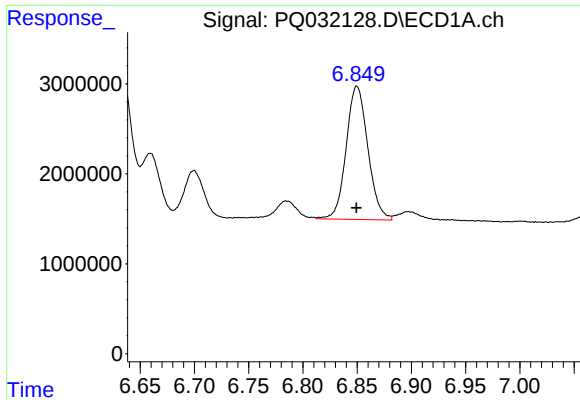
#26 AR-1254-1

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 22846041
Conc: 232.69 ng/ml



#26 AR-1254-1

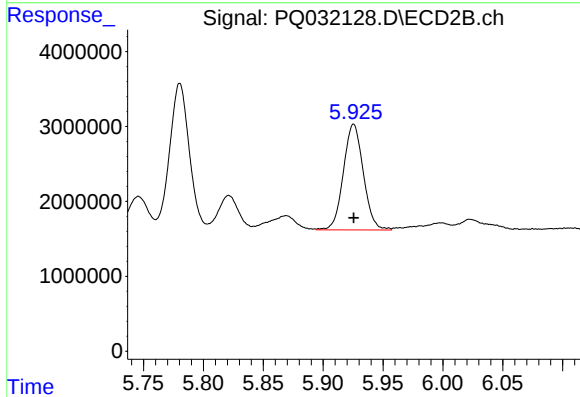
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 22315907
Conc: 187.04 ng/ml



#27 AR-1254-2

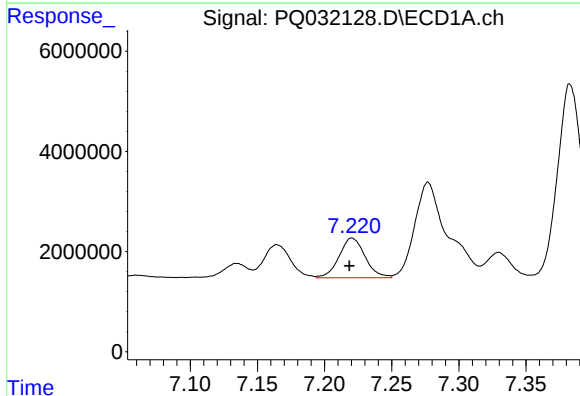
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 20648652
Conc: 133.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



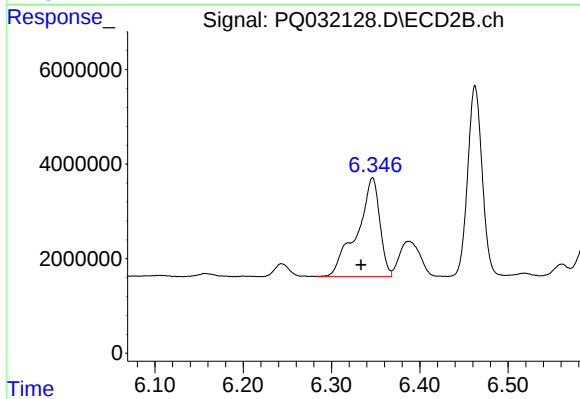
#27 AR-1254-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 16373092
Conc: 156.31 ng/ml



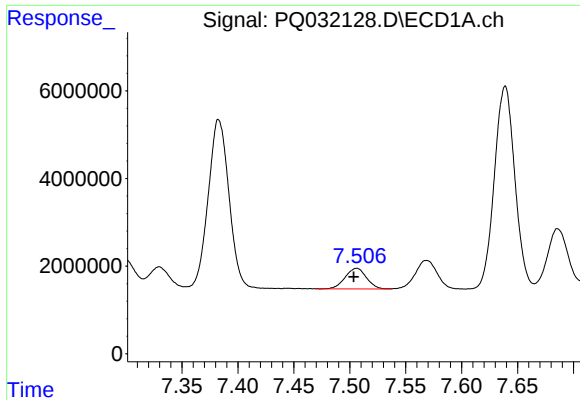
#28 AR-1254-3

R.T.: 7.220 min
Delta R.T.: 0.002 min
Response: 10716032
Conc: 63.57 ng/ml



#28 AR-1254-3

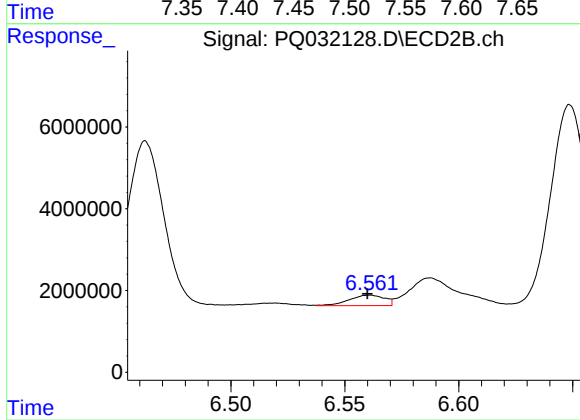
R.T.: 6.347 min
Delta R.T.: 0.013 min
Response: 37374087
Conc: 210.17 ng/ml



#29 AR-1254-4

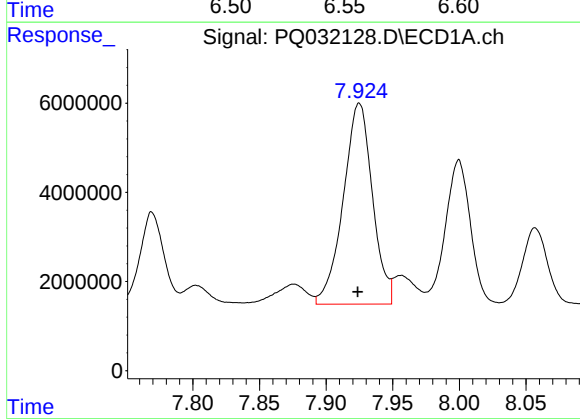
R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 6257510
Conc: 50.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



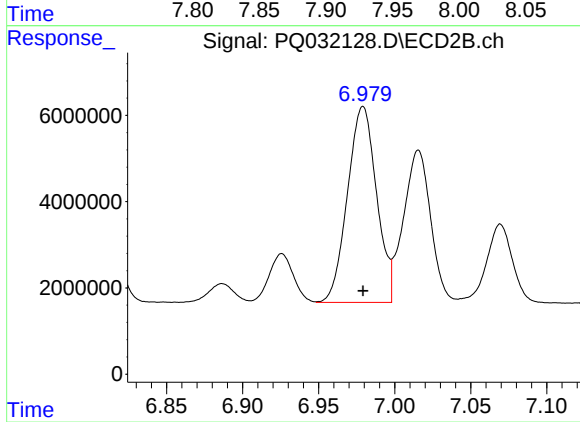
#29 AR-1254-4

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 2745232
Conc: 24.12 ng/ml



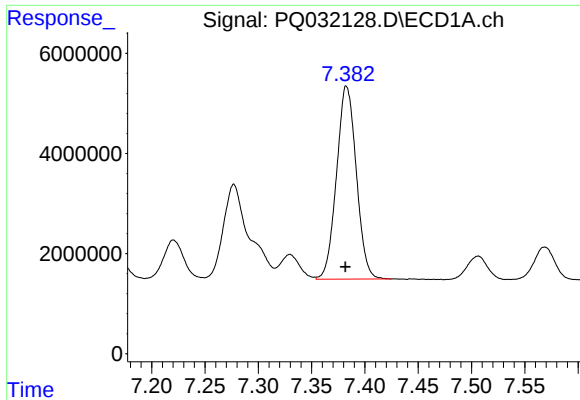
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.001 min
Response: 68720080
Conc: 497.86 ng/ml



#30 AR-1254-5

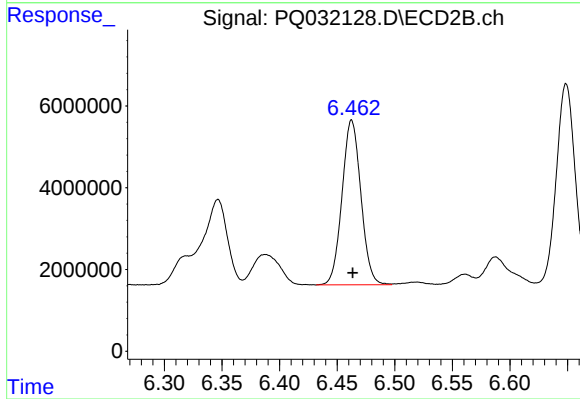
R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 60446854
Conc: 389.38 ng/ml



#31 AR-1260-1

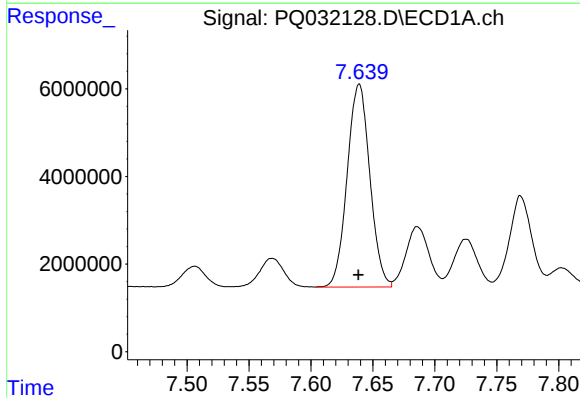
R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 49787654
Conc: 401.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



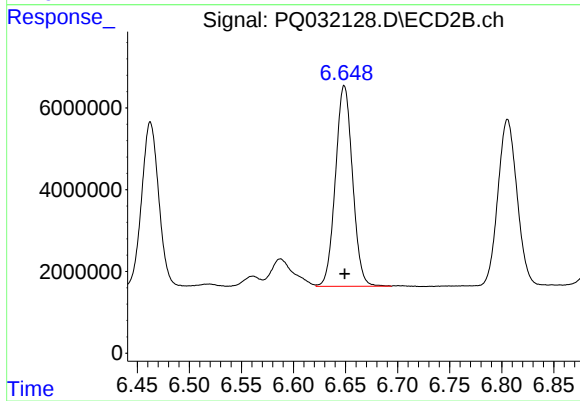
#31 AR-1260-1

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 45964982
Conc: 410.92 ng/ml



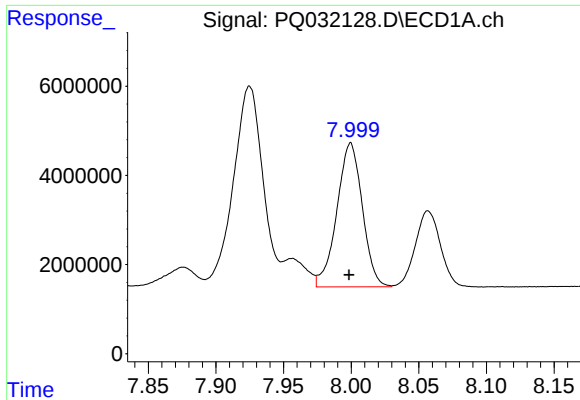
#32 AR-1260-2

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 59033228
Conc: 402.02 ng/ml



#32 AR-1260-2

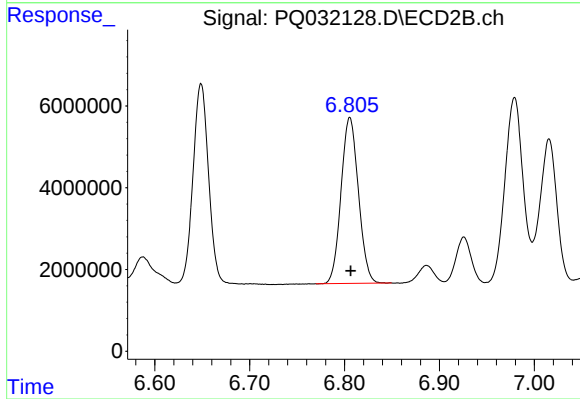
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 56104685
Conc: 412.73 ng/ml



#33 AR-1260-3

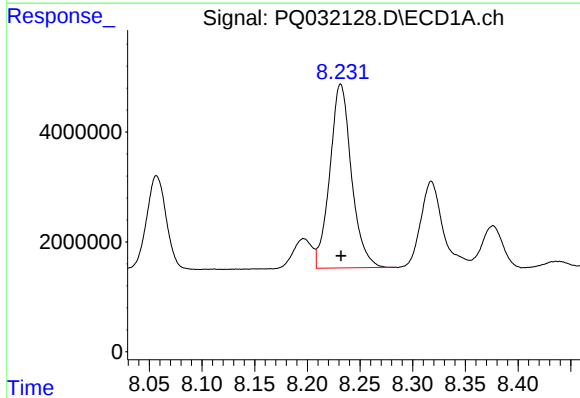
R.T.: 8.000 min
Delta R.T.: 0.001 min
Response: 42361227
Conc: 401.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



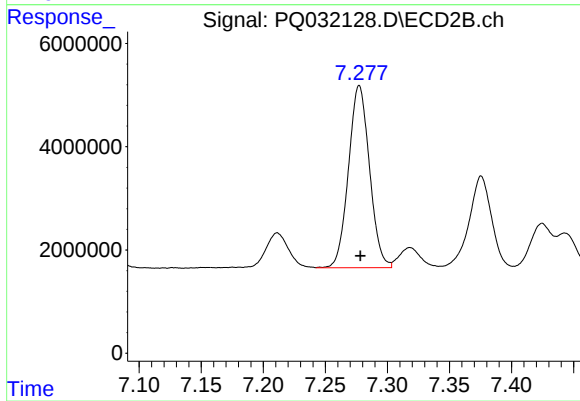
#33 AR-1260-3

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 51598037
Conc: 410.80 ng/ml



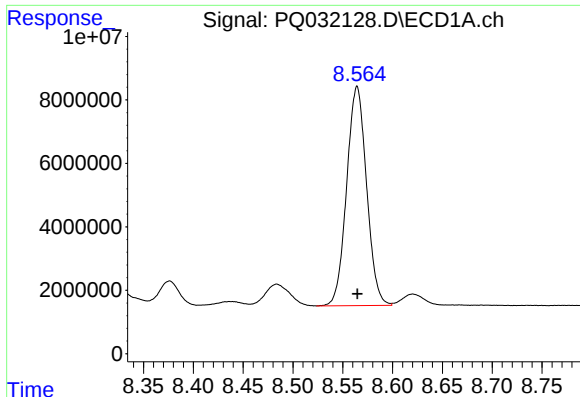
#34 AR-1260-4

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 47922874
Conc: 394.05 ng/ml



#34 AR-1260-4

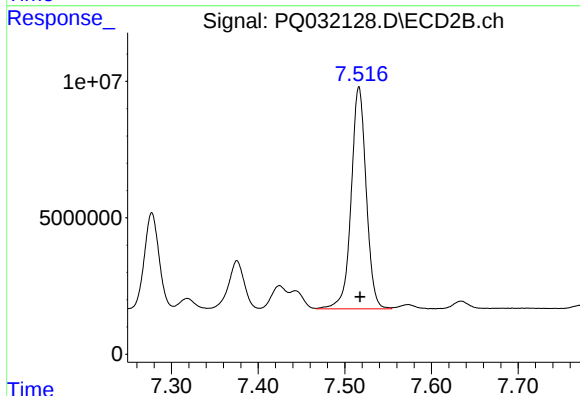
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 41640454
Conc: 408.67 ng/ml



#35 AR-1260-5

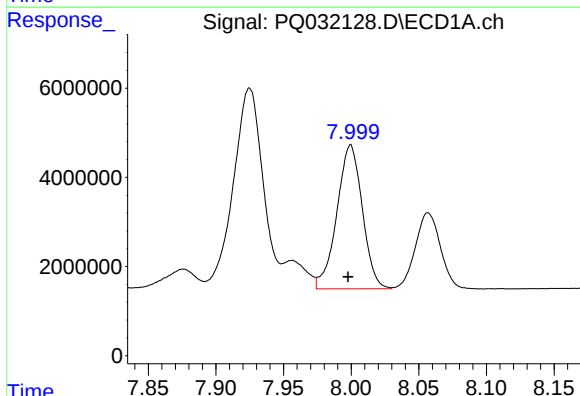
R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 96157571
Conc: 397.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



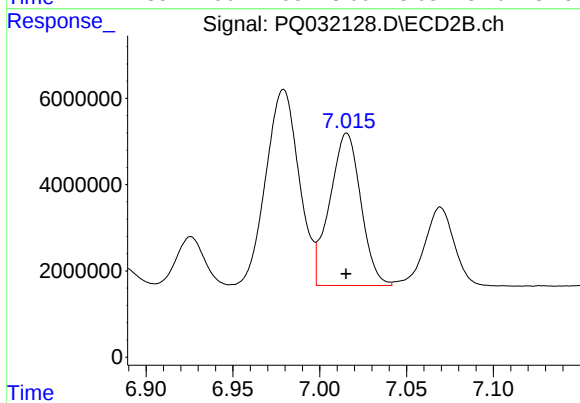
#35 AR-1260-5

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 98195185
Conc: 397.62 ng/ml



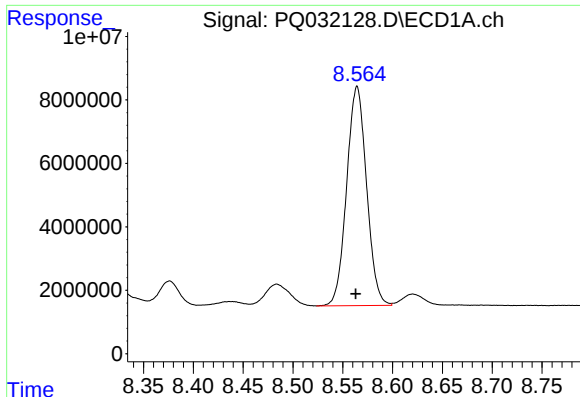
#36 AR-1262-1

R.T.: 8.000 min
Delta R.T.: 0.002 min
Response: 42361227
Conc: 298.85 ng/ml



#36 AR-1262-1

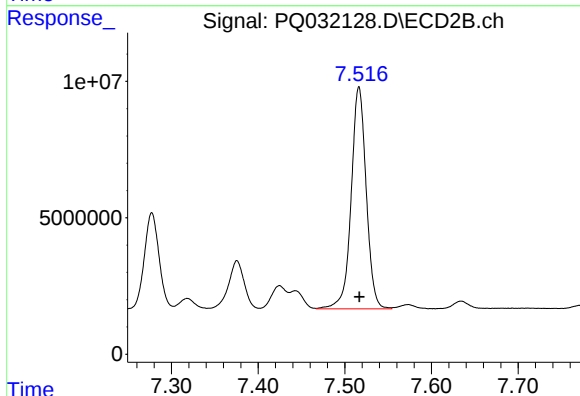
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 44072346
Conc: 315.99 ng/ml



#37 AR-1262-2

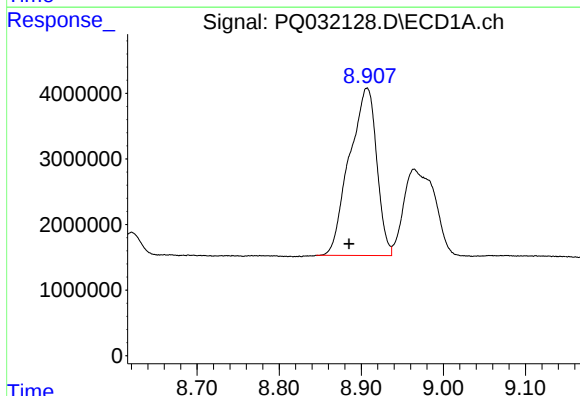
R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 96157571
Conc: 368.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



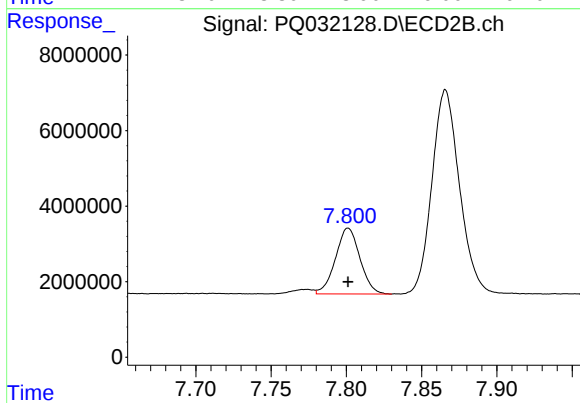
#37 AR-1262-2

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 98195185
Conc: 374.38 ng/ml



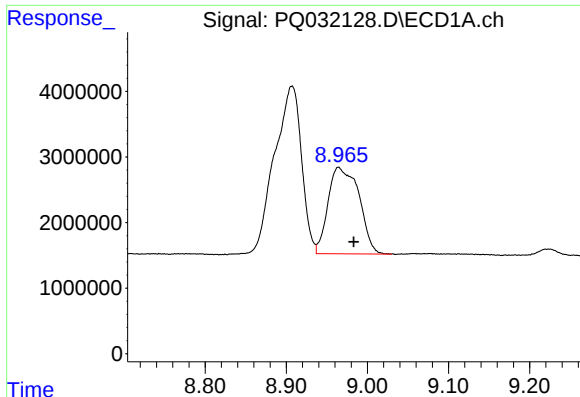
#38 AR-1262-3

R.T.: 8.907 min
Delta R.T.: 0.022 min
Response: 58949591
Conc: 338.81 ng/ml



#38 AR-1262-3

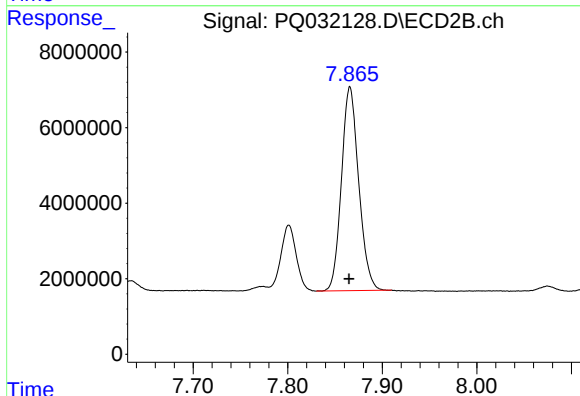
R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 19719675
Conc: 201.86 ng/ml



#39 AR-1262-4

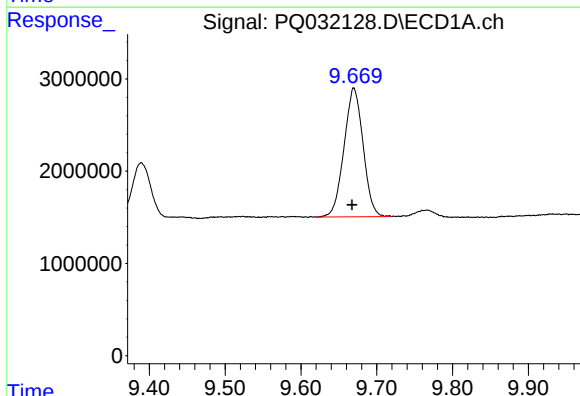
R.T.: 8.964 min
Delta R.T.: -0.019 min
Response: 34961692
Conc: 269.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



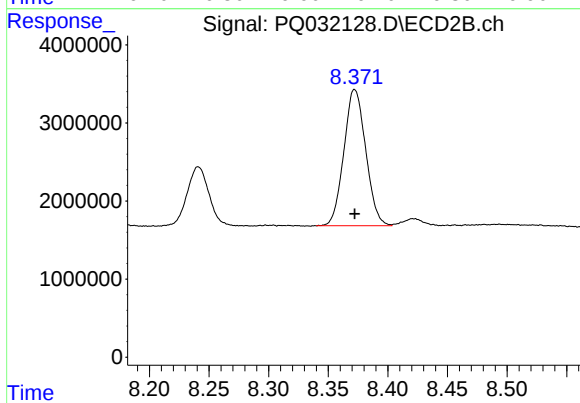
#39 AR-1262-4

R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 68389974
Conc: 365.05 ng/ml



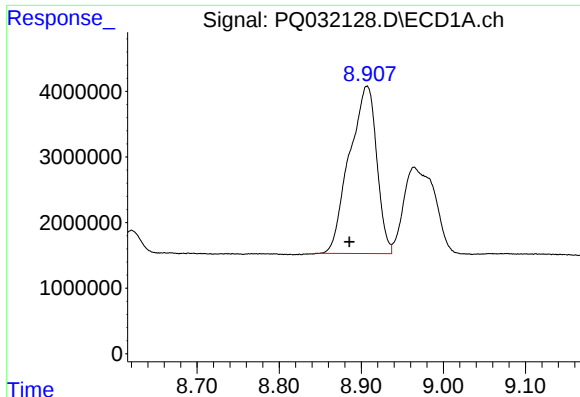
#40 AR-1262-5

R.T.: 9.670 min
Delta R.T.: 0.002 min
Response: 24374660
Conc: 261.58 ng/ml



#40 AR-1262-5

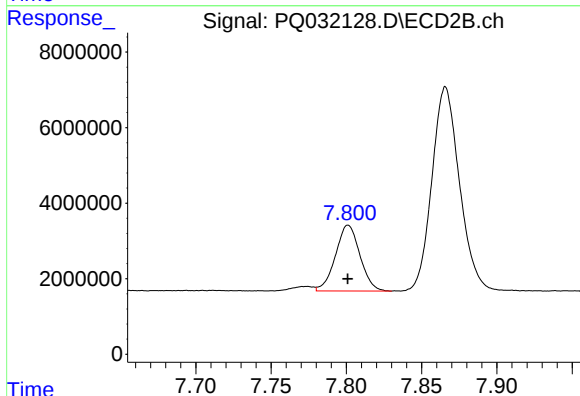
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 22269652
Conc: 255.02 ng/ml



#41 AR-1268-1

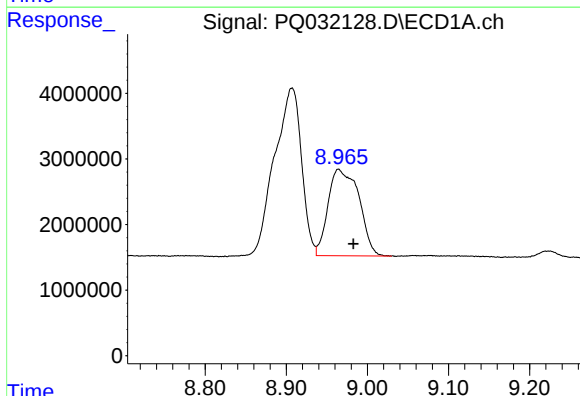
R.T.: 8.907 min
Delta R.T.: 0.021 min
Response: 58949591
Conc: 169.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



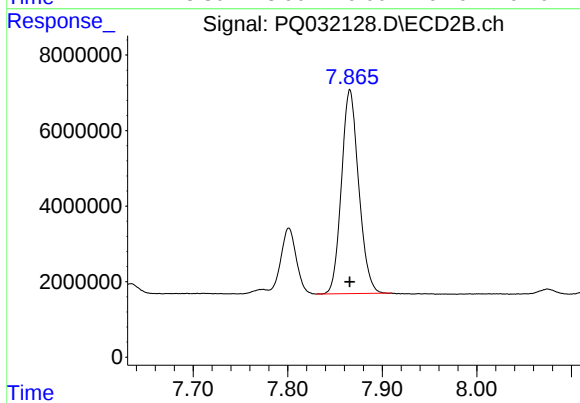
#41 AR-1268-1

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 19719675
Conc: 58.94 ng/ml



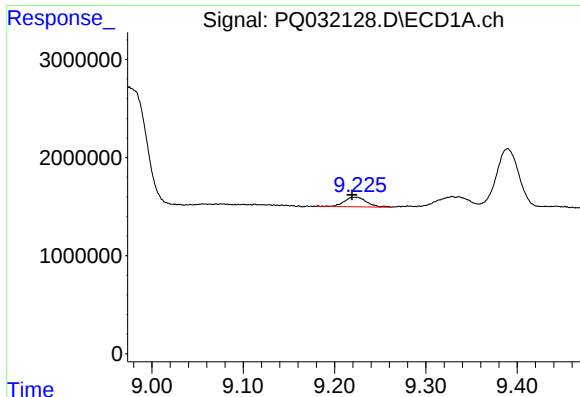
#42 AR-1268-2

R.T.: 8.964 min
Delta R.T.: -0.019 min
Response: 34961692
Conc: 110.76 ng/ml



#42 AR-1268-2

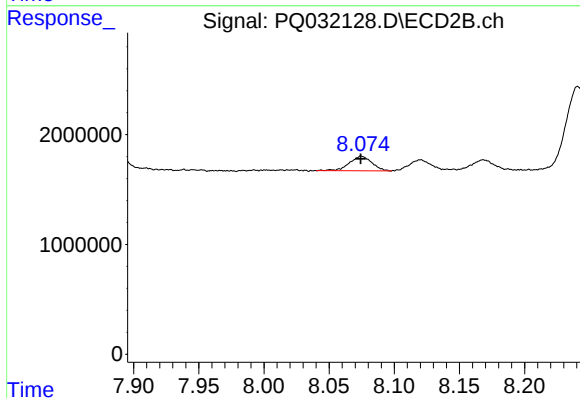
R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 68389974
Conc: 227.16 ng/ml



#43 AR-1268-3

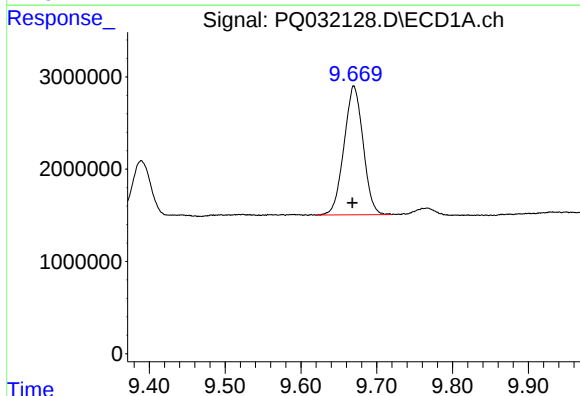
R.T.: 9.224 min
Delta R.T.: 0.005 min
Response: 1648751
Conc: 6.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



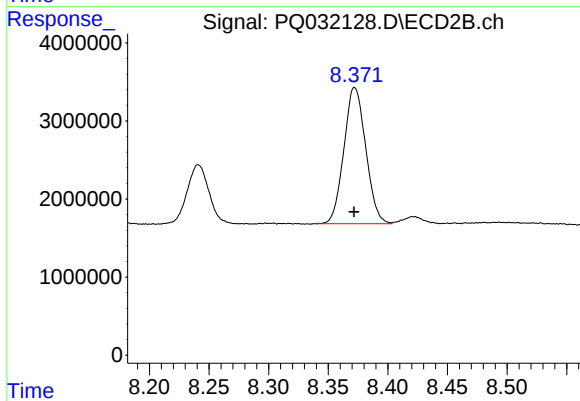
#43 AR-1268-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 1567199
Conc: 6.30 ng/ml



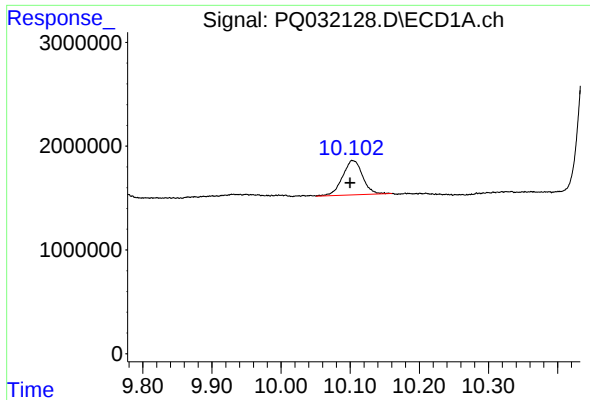
#44 AR-1268-4

R.T.: 9.670 min
Delta R.T.: 0.002 min
Response: 24374660
Conc: 210.01 ng/ml



#44 AR-1268-4

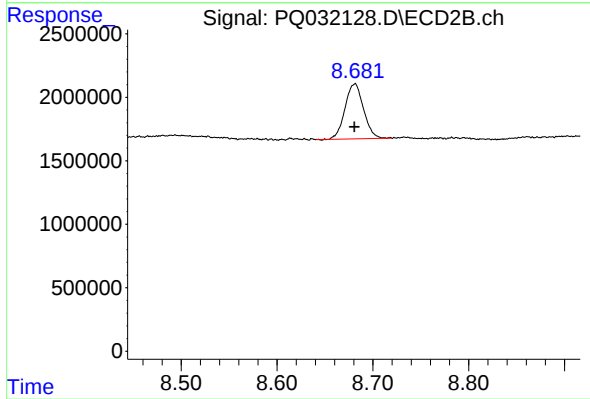
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 22269652
Conc: 206.09 ng/ml



#45 AR-1268-5

R.T.: 10.103 min
Delta R.T.: 0.004 min
Response: 6676012
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 5842660
Conc: 7.36 ng/ml