

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 10:20
 Operator : SM\SJ
 Sample : PB112478BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS78

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:15:52 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 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...	4.604	3.882	37754457	31201115	18.087	18.622
2)	SA Decachlor...	10.463	8.966	82547275	76632335	30.248	33.011
Target Compounds							
3)	L1 AR-1016-1	5.317	4.565	5902282	7793676	108.518	177.196 #
4)	L1 AR-1016-2	5.513	4.982	5628419	6889087	102.264	105.693
5)	L1 AR-1016-3	5.782	5.001	7892017	9452826	100.440	101.810
6)	L1 AR-1016-4	5.867	5.059	7131610	6621212	100.538	105.976
7)	L1 AR-1016-5	6.261	5.436	6434031	5104720	100.875	93.226
8)	L2 AR-1221-1	4.811	0.000	480623	0	23.892	N.D. #
9)	L2 AR-1221-2	4.904	4.186	1237298	650877	85.506	64.068 #
10)	L2 AR-1221-3	4.979	4.263	3645140	2649523	62.886	63.619
11)	L3 AR-1232-1	5.804	4.761	11975145	4797903	266.741	264.009
12)	L3 AR-1232-2	5.967	4.874	5605408	1292601	252.286	261.720
13)	L3 AR-1232-3	6.138	5.262	1970533	5238608	281.795	310.541
14)	L3 AR-1232-4	6.472	5.587	1702174	5287559	255.994	241.664
15)	L3 AR-1232-5	7.335	0.000	1387431	0	285.939	N.D. #
16)	L4 AR-1242-1	5.347	4.586	3463610	3817574	144.652	204.673 #
17)	L4 AR-1242-2	6.101	5.181	5264533	5049179	126.117	129.964
18)	L4 AR-1242-3	6.302	5.294	2593654	1839432	122.448	147.207
19)	L4 AR-1242-4	6.347	5.660	1681581	1043417	107.639	94.825
20)	L4 AR-1242-5	6.403	0.000	5702206	0	105.486	N.D. #
21)	L5 AR-1248-1	6.054	5.219	5060849	3985595	66.696	63.903
22)	L5 AR-1248-2	6.639	5.790	8186426	4283196	101.762	35.903 #
23)	L5 AR-1248-3	6.639	5.790	8186426	4283196	76.857	52.579 #
24)	L5 AR-1248-4	6.705	0.000	1338910	0	13.227	N.D. #
25)	L5 AR-1248-5	6.855	6.357	8033767	10181371	115.965	175.839 #
26)	L6 AR-1254-1	6.855	5.935	8033767	4586721	43.087	37.696
27)	L6 AR-1254-2	7.141	6.253	959749	1081830	8.215	10.447 #
28)	L6 AR-1254-3	7.226	6.572	3044347	939287	14.556	7.088 #
29)	L6 AR-1254-4	7.511	6.897	1963101	1575305	12.849	16.815 #
30)	L6 AR-1254-5	7.775	6.990	6828307	16637072	58.604	87.558 #
31)	L7 AR-1260-1	7.388	6.473	12938805	11859477	87.604	90.897
32)	L7 AR-1260-2	7.644	6.658	15578748	14280473	86.818	89.512
33)	L7 AR-1260-3	7.930	6.816	21168875	13495186	97.585	89.518
34)	L7 AR-1260-4	8.237	7.289	12404930	9913976	78.371	79.063
35)	L7 AR-1260-5	8.570	7.527	23248949	23697364	72.355	78.392
36)	L8 AR-1262-1	7.283	6.357	7848277	10181371	96.824	136.100 #
37)	L8 AR-1262-2	8.062	7.080	5135412	5306033	63.251	72.604
38)	L8 AR-1262-3	8.323	7.387	5944408	5695914	65.746	75.229
39)	L8 AR-1262-4	8.969	7.812	8635926	4362958	47.445	31.007 #
40)	L8 AR-1262-5	9.676	8.384	5898394	5050909	45.782	45.699
41)	L9 AR-1268-1	8.004	7.026	9978154	10488227	110.189	126.892

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 ALS Vial : 8 Sample Multiplier: 1

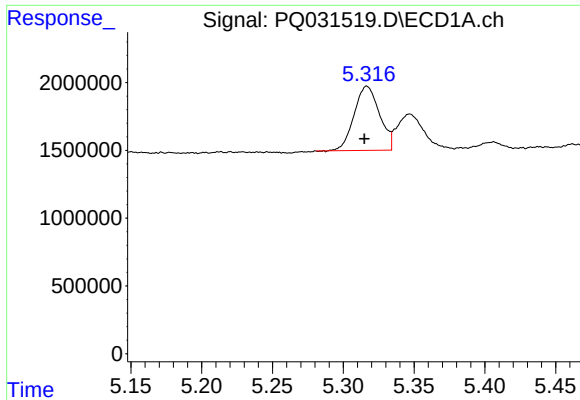
Instrument :
 ECD_Q
 ClientSampleId :
 ALCS78

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.237	7.876	12404930	16490215	104.654	38.456 #
43) L9	AR-1268-3	8.913	0.000	15169699	0	29.601	N.D. #
44) L9	AR-1268-4	9.229	0.000	1259807	0	3.194	N.D. #
45) L9	AR-1268-5	10.109	8.694	3008902	1929348	2.520	1.794 #

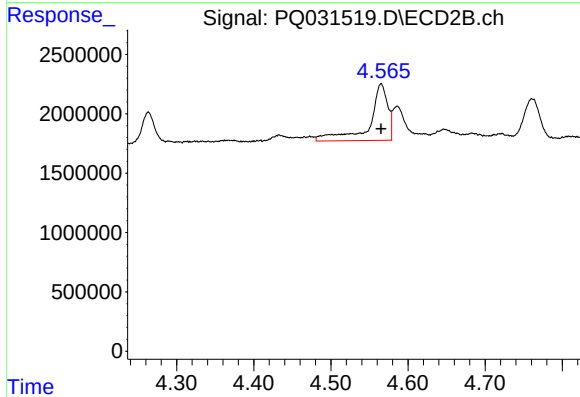
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

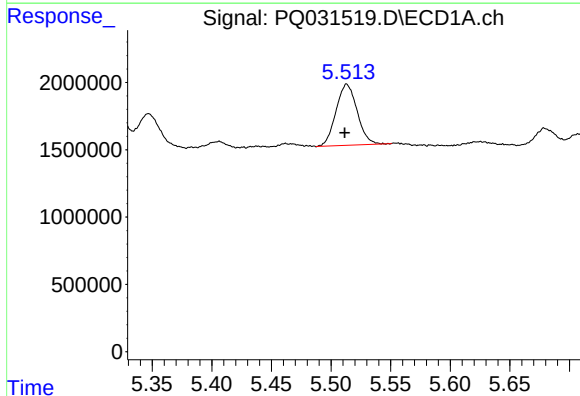
R.T.: 5.317 min
Delta R.T.: 0.002 min
Response: 5902282
Conc: 108.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



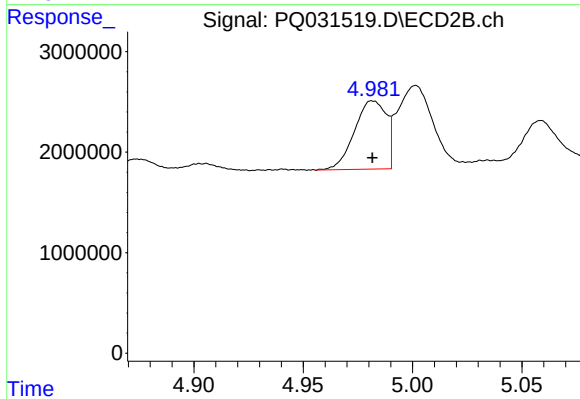
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 7793676
Conc: 177.20 ng/ml



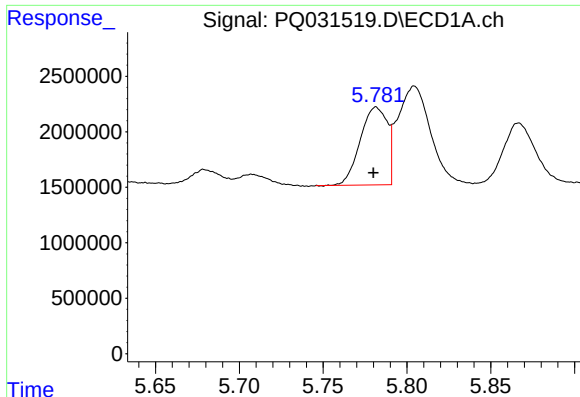
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 5628419
Conc: 102.26 ng/ml



#4 AR-1016-2

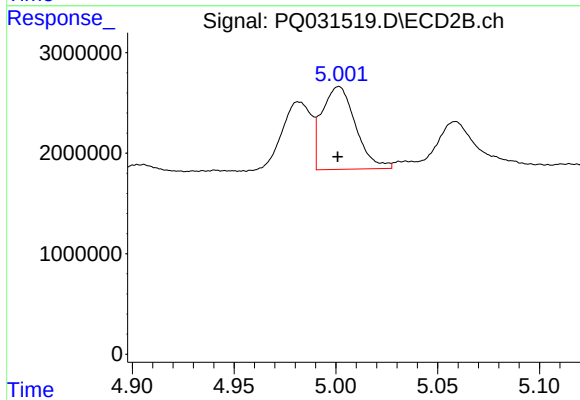
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 6889087
Conc: 105.69 ng/ml



#5 AR-1016-3

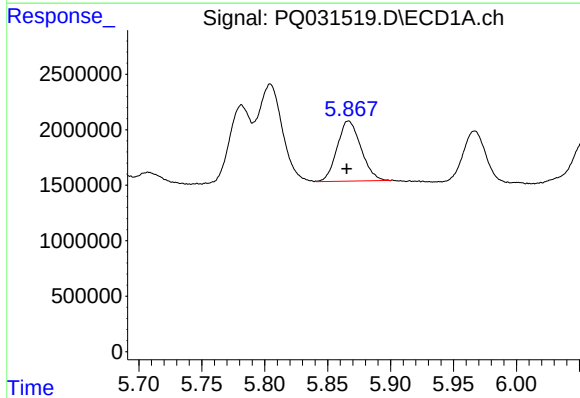
R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 7892017
Conc: 100.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



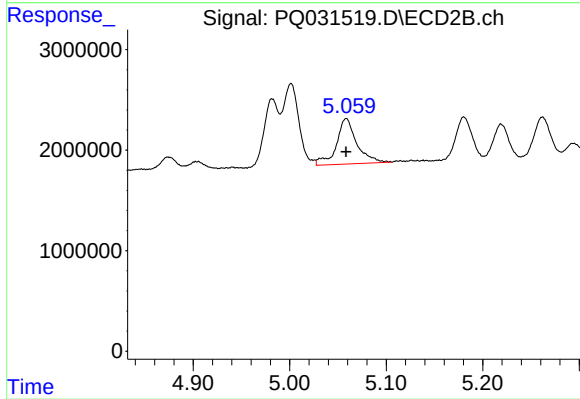
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 9452826
Conc: 101.81 ng/ml



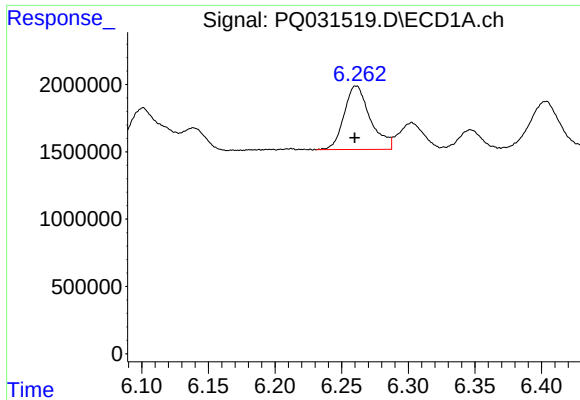
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.002 min
Response: 7131610
Conc: 100.54 ng/ml



#6 AR-1016-4

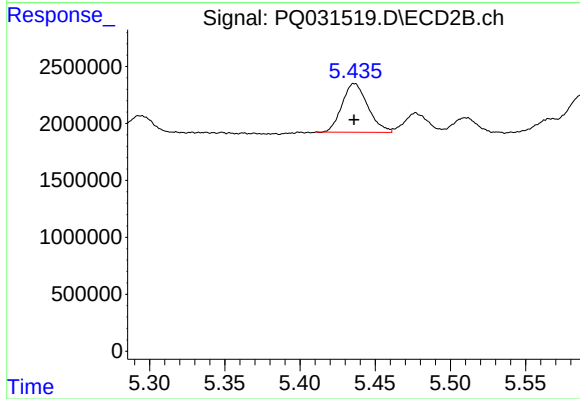
R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 6621212
Conc: 105.98 ng/ml



#7 AR-1016-5

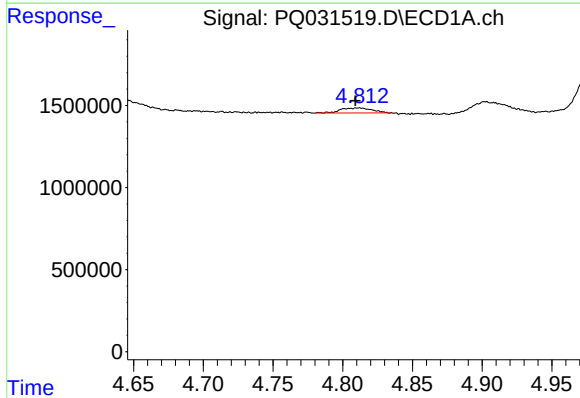
R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 6434031
Conc: 100.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



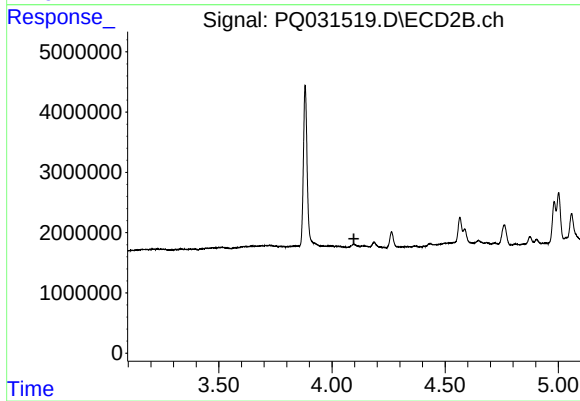
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 5104720
Conc: 93.23 ng/ml



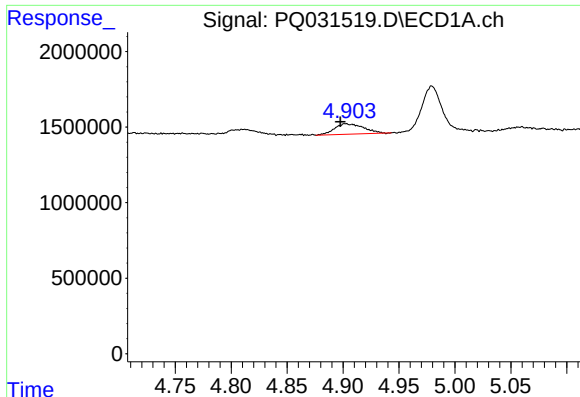
#8 AR-1221-1

R.T.: 4.811 min
Delta R.T.: 0.002 min
Response: 480623
Conc: 23.89 ng/ml



#8 AR-1221-1

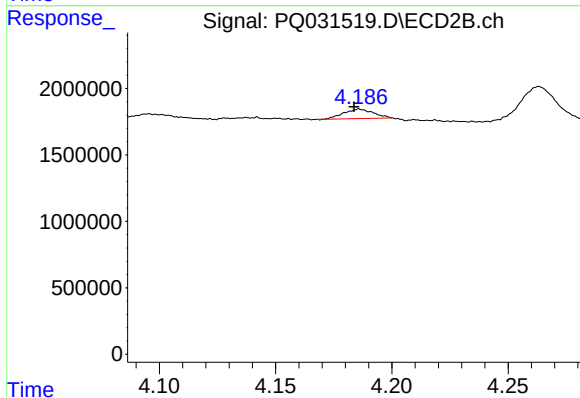
R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



#9 AR-1221-2

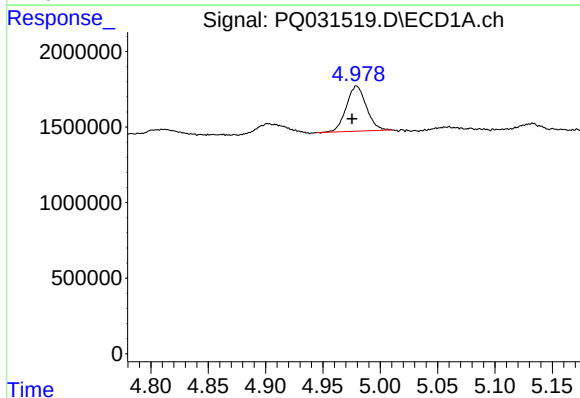
R.T.: 4.904 min
Delta R.T.: 0.006 min
Response: 1237298
Conc: 85.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



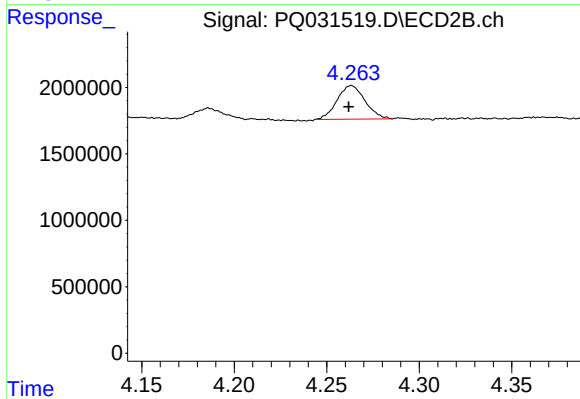
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.002 min
Response: 650877
Conc: 64.07 ng/ml



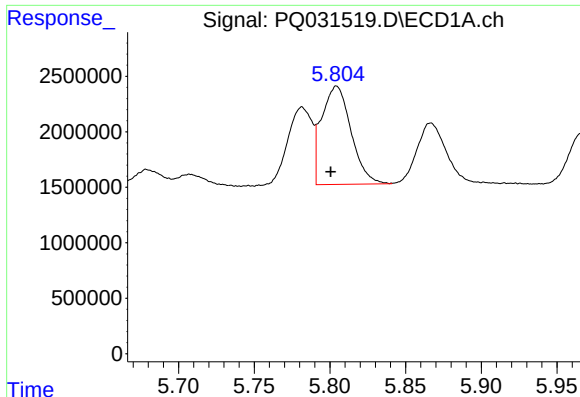
#10 AR-1221-3

R.T.: 4.979 min
Delta R.T.: 0.004 min
Response: 3645140
Conc: 62.89 ng/ml



#10 AR-1221-3

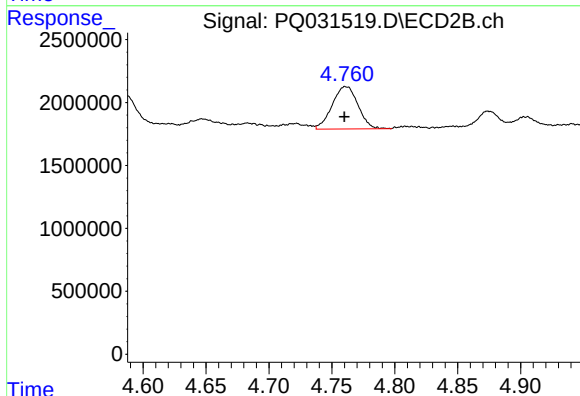
R.T.: 4.263 min
Delta R.T.: 0.001 min
Response: 2649523
Conc: 63.62 ng/ml



#11 AR-1232-1

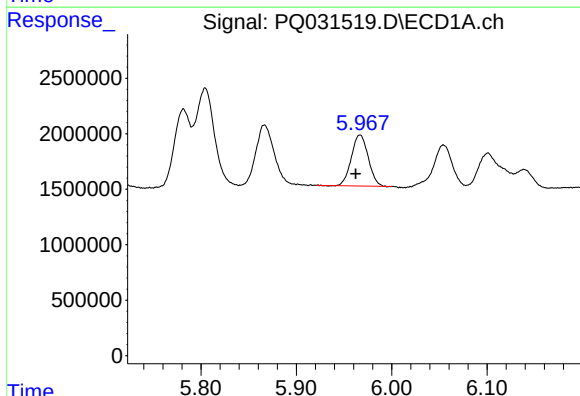
R.T.: 5.804 min
Delta R.T.: 0.004 min
Response: 11975145
Conc: 266.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



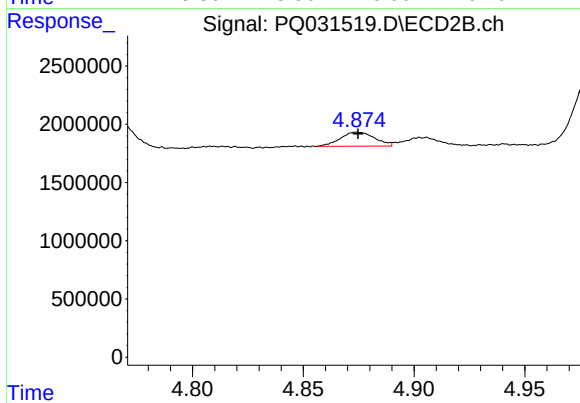
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 4797903
Conc: 264.01 ng/ml



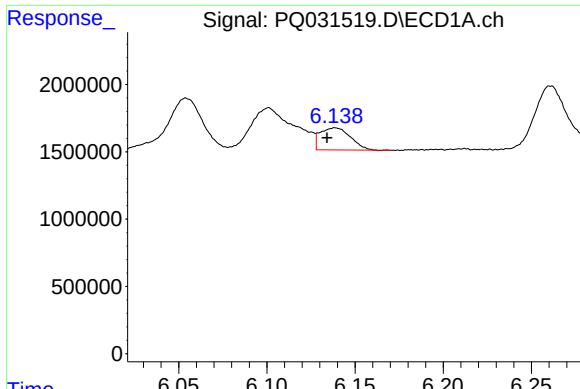
#12 AR-1232-2

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 5605408
Conc: 252.29 ng/ml



#12 AR-1232-2

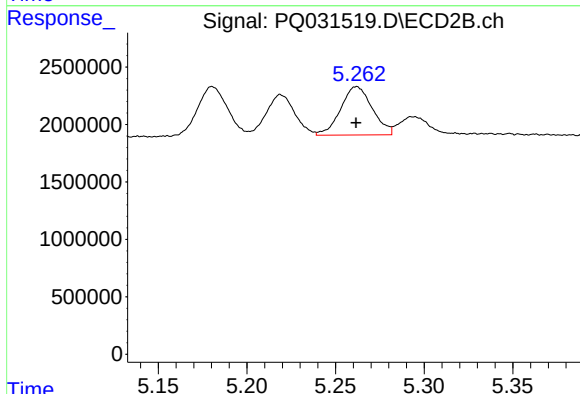
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 1292601
Conc: 261.72 ng/ml



#13 AR-1232-3

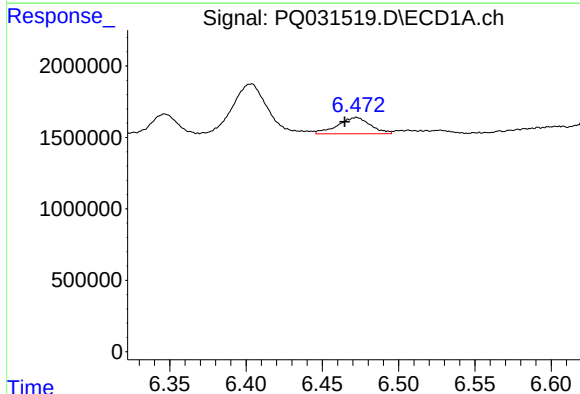
R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 1970533
Conc: 281.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



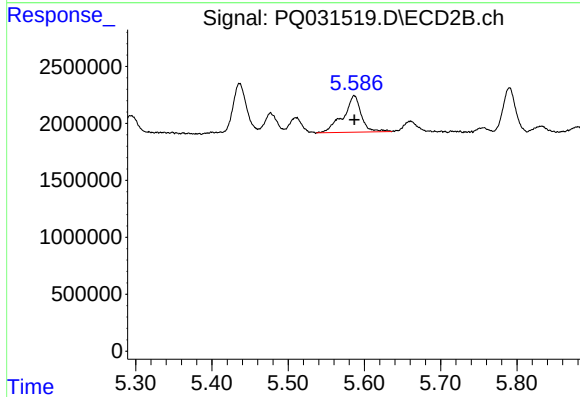
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 5238608
Conc: 310.54 ng/ml



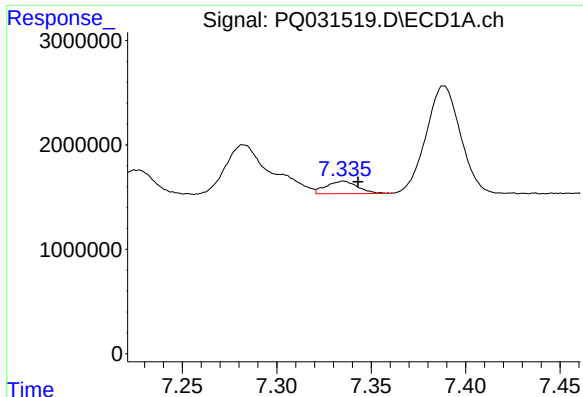
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: 0.007 min
Response: 1702174
Conc: 255.99 ng/ml



#14 AR-1232-4

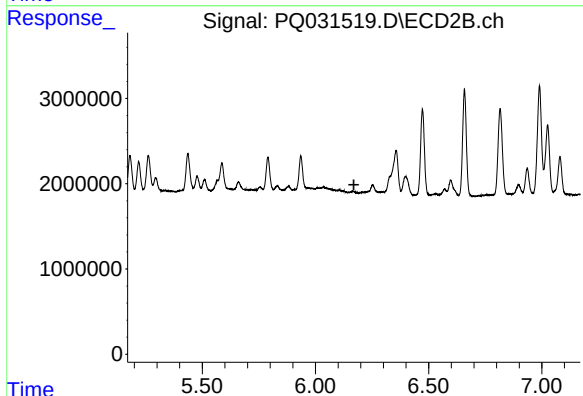
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 5287559
Conc: 241.66 ng/ml



#15 AR-1232-5

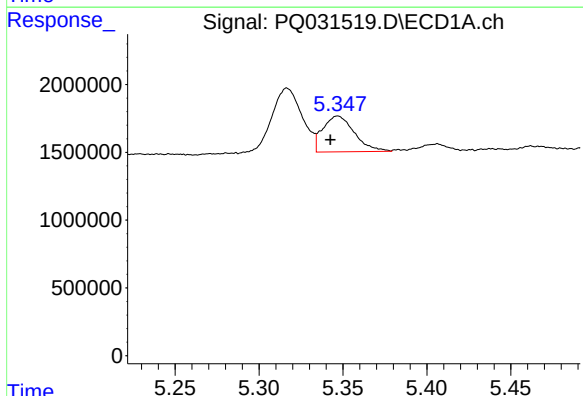
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 1387431
Conc: 285.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



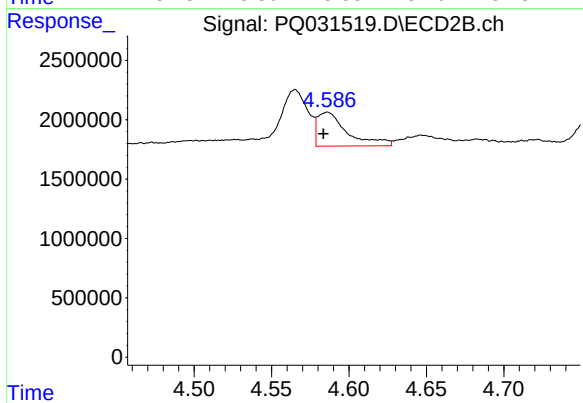
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.170 min
Response: 0
Conc: N.D.



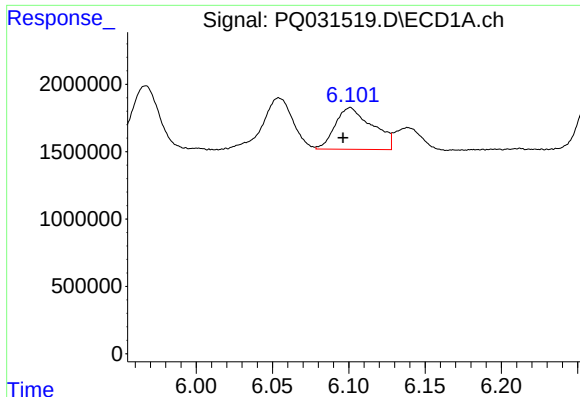
#16 AR-1242-1

R.T.: 5.347 min
Delta R.T.: 0.004 min
Response: 3463610
Conc: 144.65 ng/ml



#16 AR-1242-1

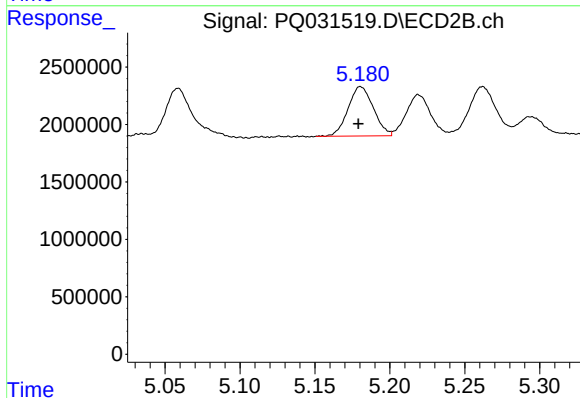
R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 3817574
Conc: 204.67 ng/ml



#17 AR-1242-2

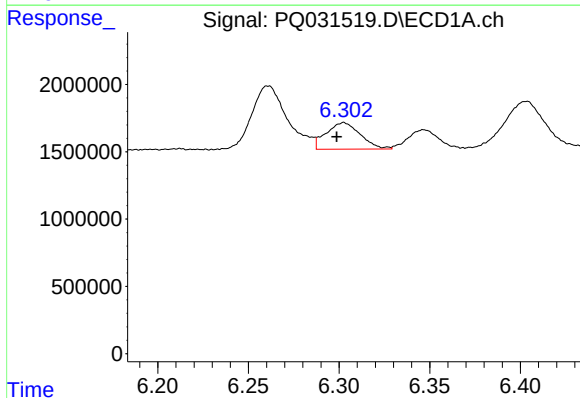
R.T.: 6.101 min
Delta R.T.: 0.005 min
Response: 5264533
Conc: 126.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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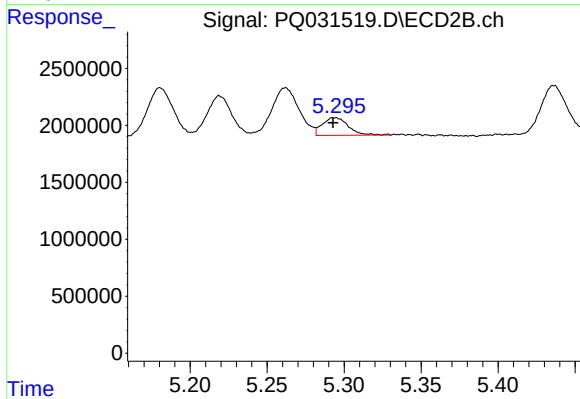
#17 AR-1242-2

R.T.: 5.181 min
Delta R.T.: 0.001 min
Response: 5049179
Conc: 129.96 ng/ml



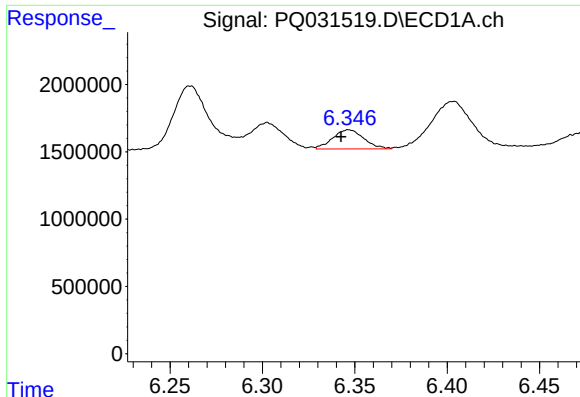
#18 AR-1242-3

R.T.: 6.302 min
Delta R.T.: 0.004 min
Response: 2593654
Conc: 122.45 ng/ml



#18 AR-1242-3

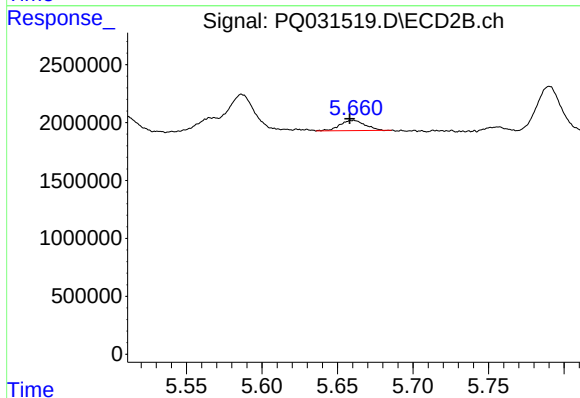
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 1839432
Conc: 147.21 ng/ml



#19 AR-1242-4

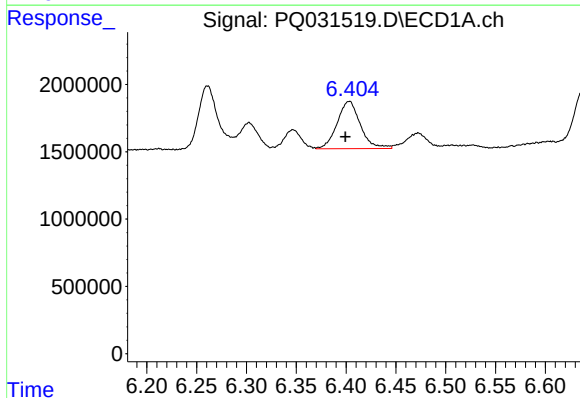
R.T.: 6.347 min
Delta R.T.: 0.004 min
Response: 1681581
Conc: 107.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



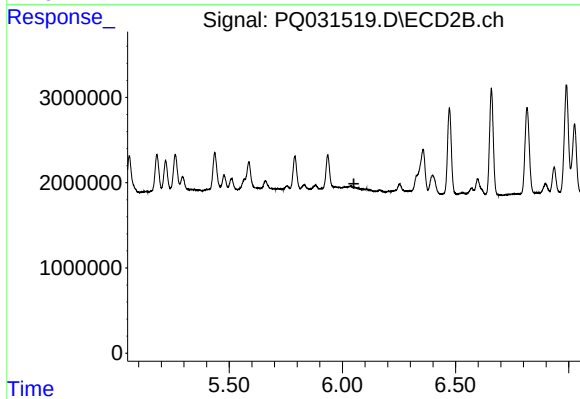
#19 AR-1242-4

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 1043417
Conc: 94.83 ng/ml



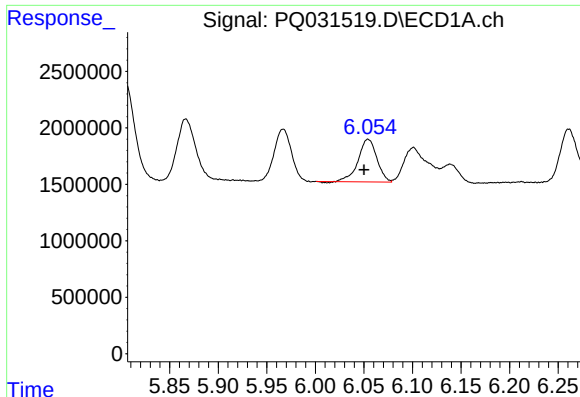
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.003 min
Response: 5702206
Conc: 105.49 ng/ml



#20 AR-1242-5

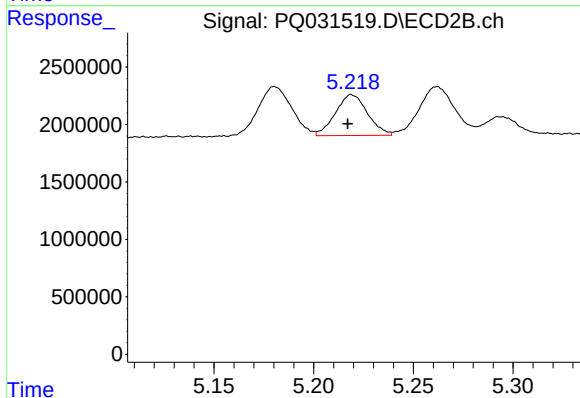
R.T.: 0.000 min
Exp R.T.: 6.051 min
Response: 0
Conc: N.D.



#21 AR-1248-1

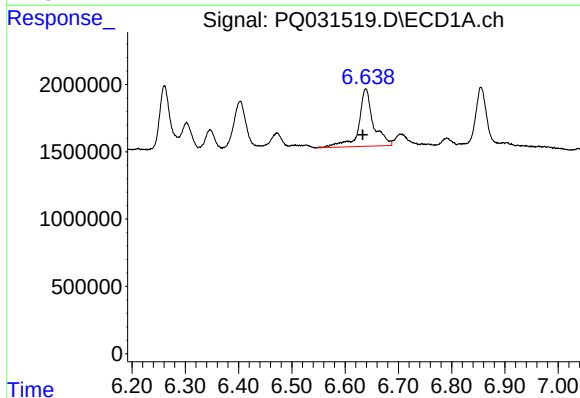
R.T.: 6.054 min
Delta R.T.: 0.004 min
Response: 5060849
Conc: 66.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



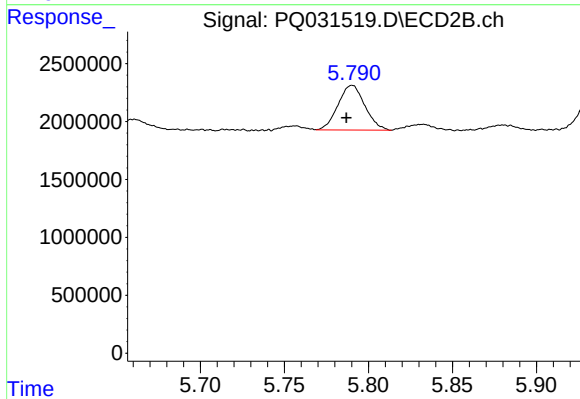
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: 0.002 min
Response: 3985595
Conc: 63.90 ng/ml



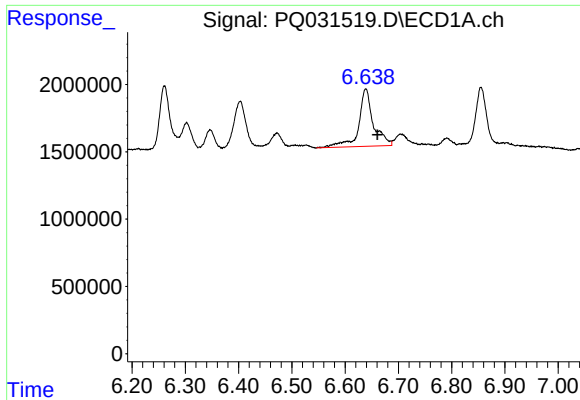
#22 AR-1248-2

R.T.: 6.639 min
Delta R.T.: 0.005 min
Response: 8186426
Conc: 101.76 ng/ml



#22 AR-1248-2

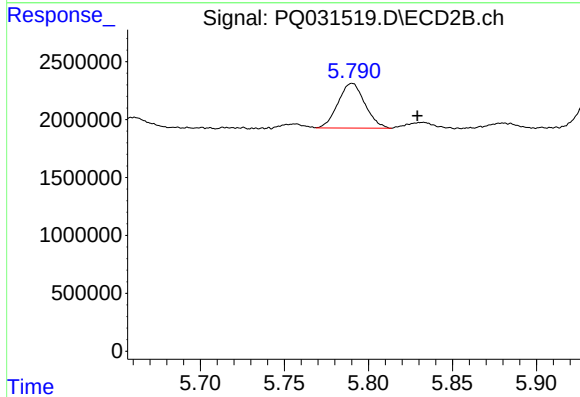
R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 4283196
Conc: 35.90 ng/ml



#23 AR-1248-3

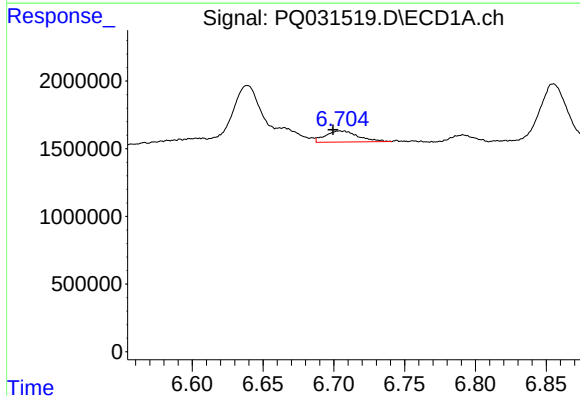
R.T.: 6.639 min
Delta R.T.: -0.022 min
Response: 8186426
Conc: 76.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



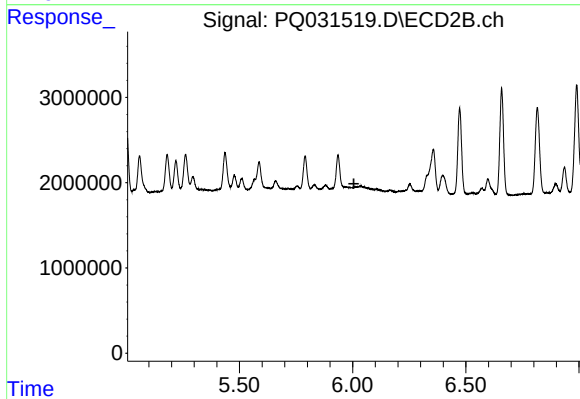
#23 AR-1248-3

R.T.: 5.790 min
Delta R.T.: -0.039 min
Response: 4283196
Conc: 52.58 ng/ml



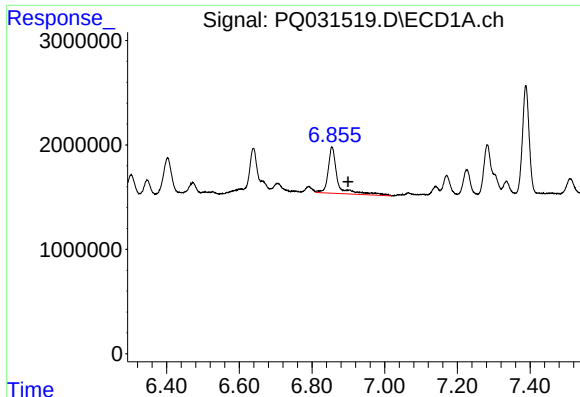
#24 AR-1248-4

R.T.: 6.705 min
Delta R.T.: 0.006 min
Response: 1338910
Conc: 13.23 ng/ml



#24 AR-1248-4

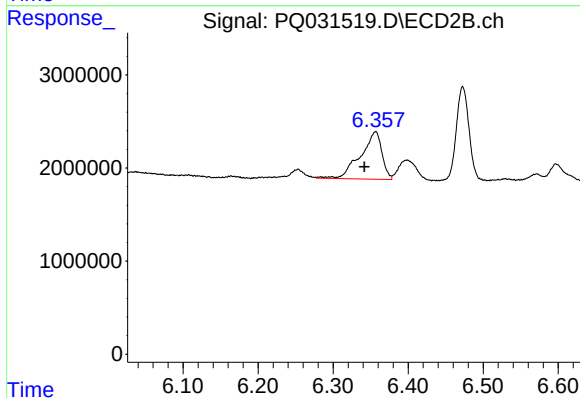
R.T.: 0.000 min
Exp R.T.: 6.005 min
Response: 0
Conc: N.D.



#25 AR-1248-5

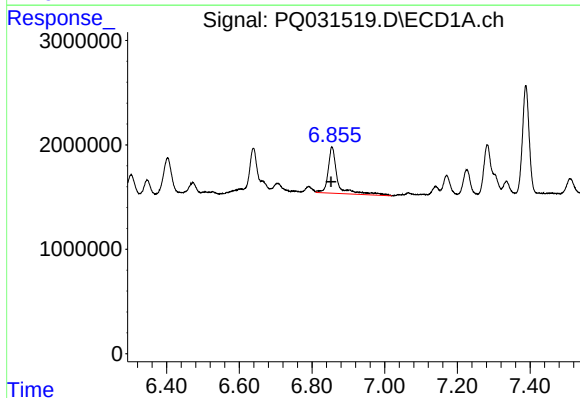
R.T.: 6.855 min
Delta R.T.: -0.044 min
Response: 8033767
Conc: 115.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



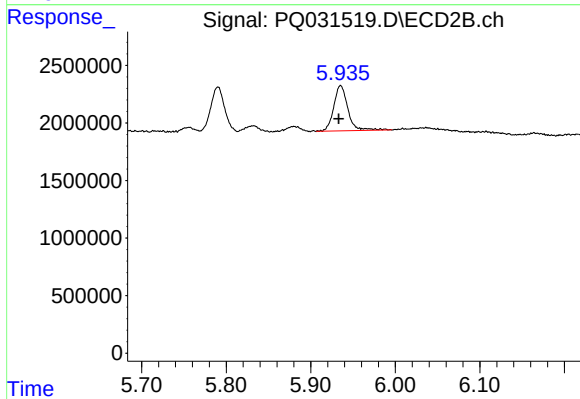
#25 AR-1248-5

R.T.: 6.357 min
Delta R.T.: 0.015 min
Response: 10181371
Conc: 175.84 ng/ml



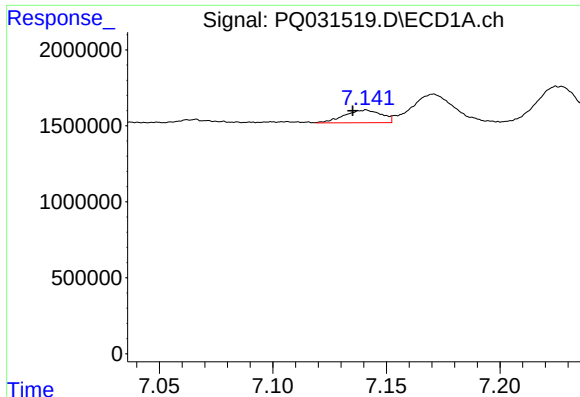
#26 AR-1254-1

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 8033767
Conc: 43.09 ng/ml



#26 AR-1254-1

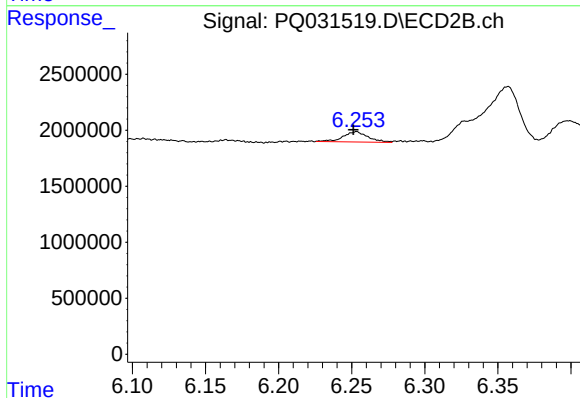
R.T.: 5.935 min
Delta R.T.: 0.002 min
Response: 4586721
Conc: 37.70 ng/ml



#27 AR-1254-2

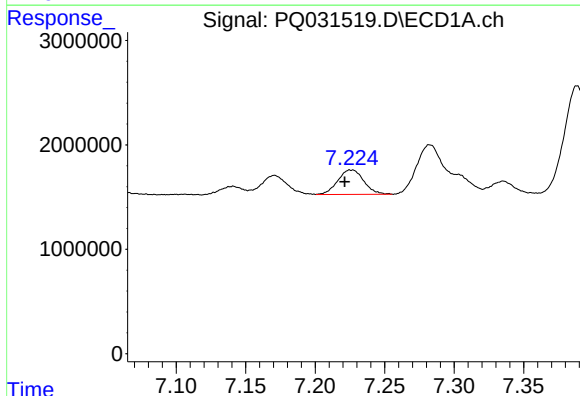
R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 959749
Conc: 8.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



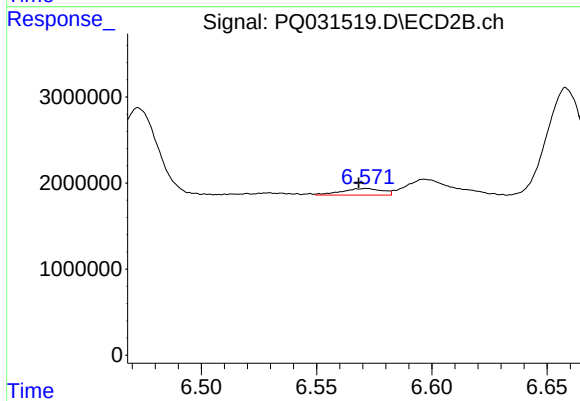
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 1081830
Conc: 10.45 ng/ml



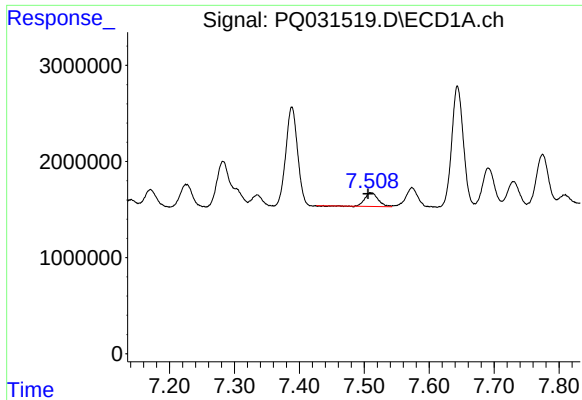
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.005 min
Response: 3044347
Conc: 14.56 ng/ml



#28 AR-1254-3

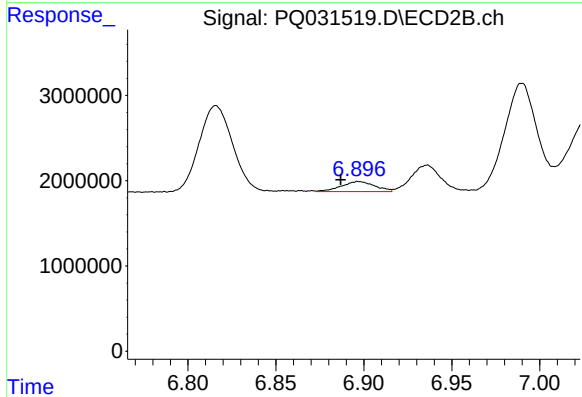
R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 939287
Conc: 7.09 ng/ml



#29 AR-1254-4

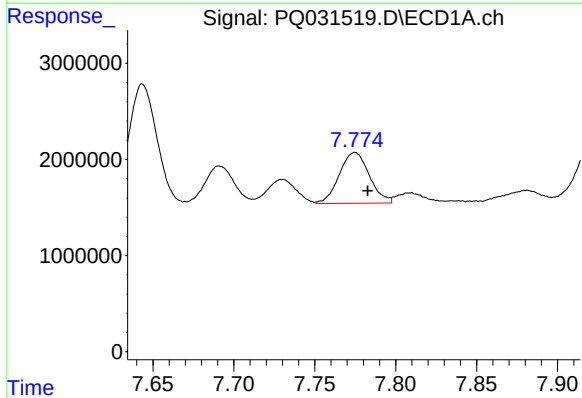
R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 1963101
Conc: 12.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



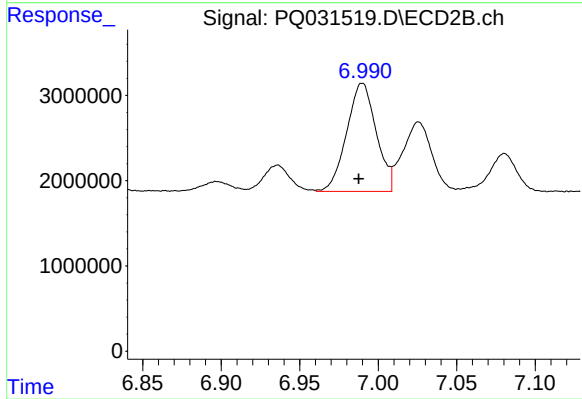
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 1575305
Conc: 16.82 ng/ml



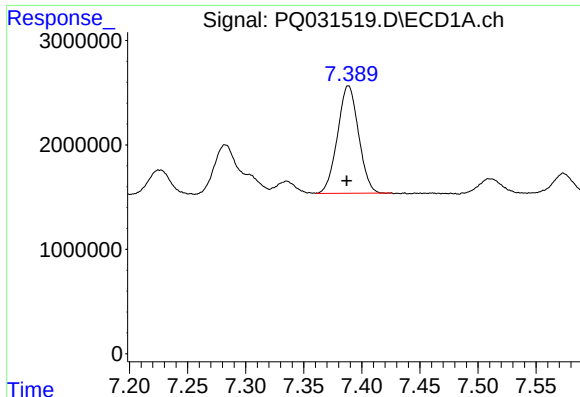
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: -0.008 min
Response: 6828307
Conc: 58.60 ng/ml



#30 AR-1254-5

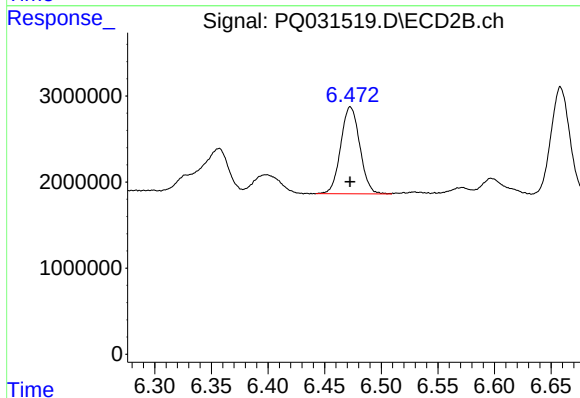
R.T.: 6.990 min
Delta R.T.: 0.002 min
Response: 16637072
Conc: 87.56 ng/ml



#31 AR-1260-1

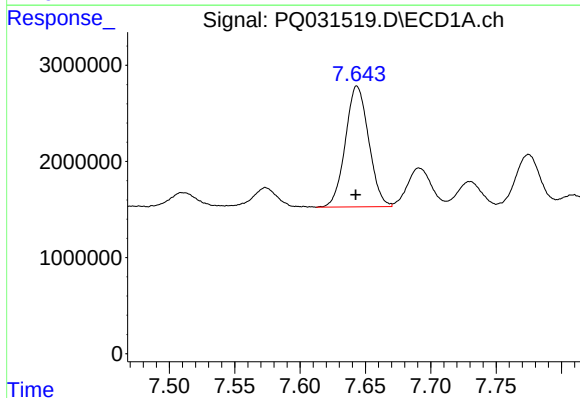
R.T.: 7.388 min
Delta R.T.: 0.001 min
Response: 12938805
Conc: 87.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



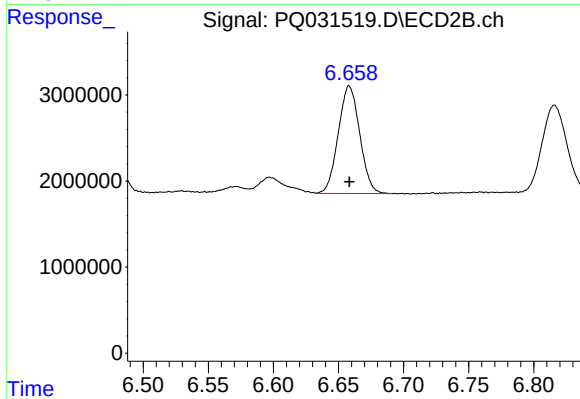
#31 AR-1260-1

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 11859477
Conc: 90.90 ng/ml



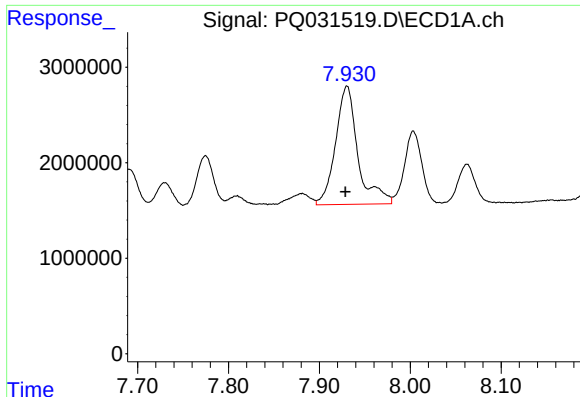
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 15578748
Conc: 86.82 ng/ml



#32 AR-1260-2

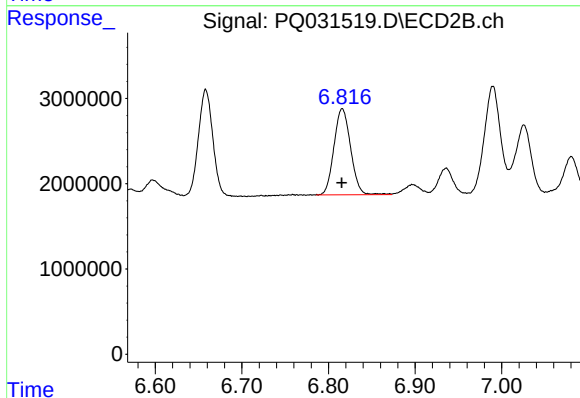
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 14280473
Conc: 89.51 ng/ml



#33 AR-1260-3

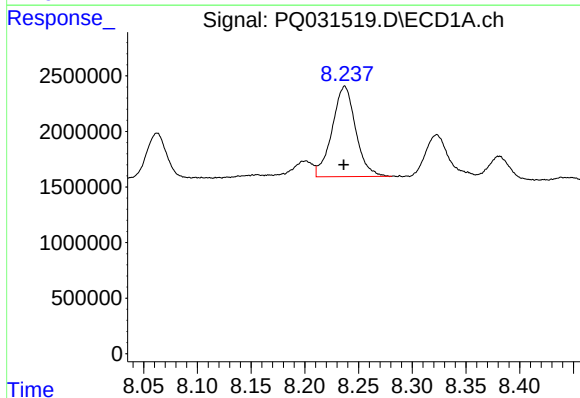
R.T.: 7.930 min
Delta R.T.: 0.001 min
Response: 21168875
Conc: 97.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



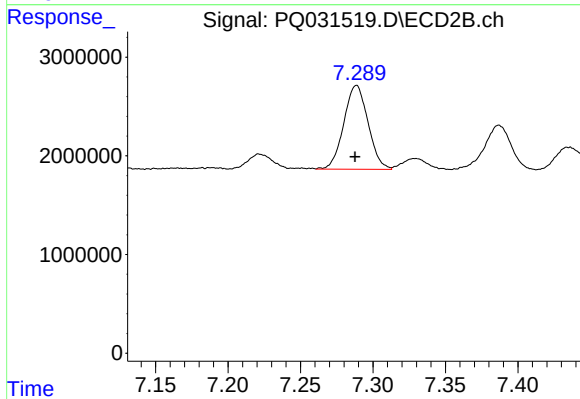
#33 AR-1260-3

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 13495186
Conc: 89.52 ng/ml



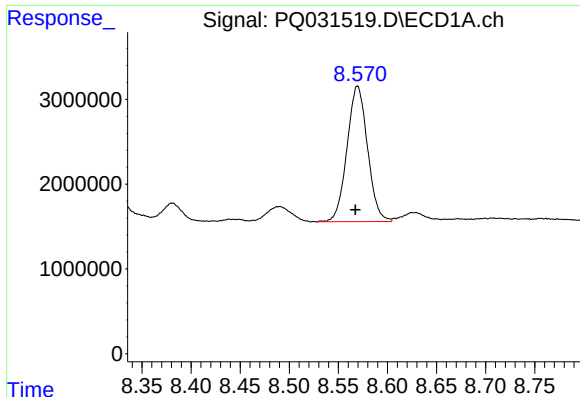
#34 AR-1260-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 12404930
Conc: 78.37 ng/ml



#34 AR-1260-4

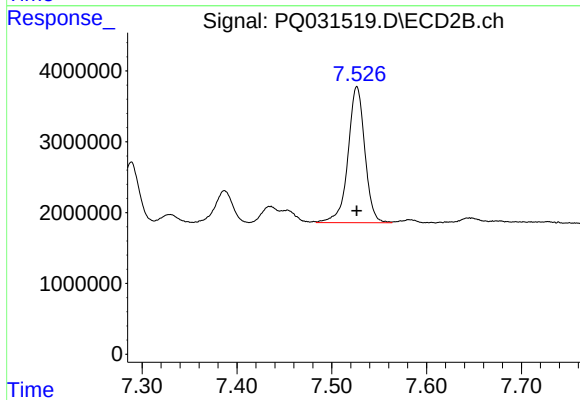
R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 9913976
Conc: 79.06 ng/ml



#35 AR-1260-5

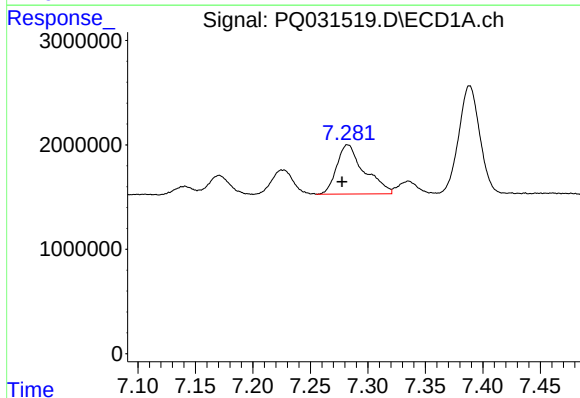
R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 23248949
Conc: 72.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



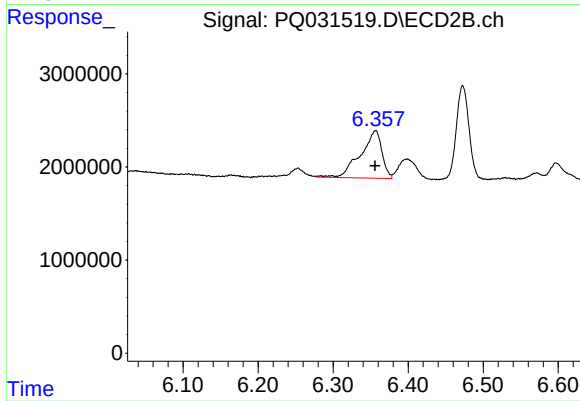
#35 AR-1260-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 23697364
Conc: 78.39 ng/ml



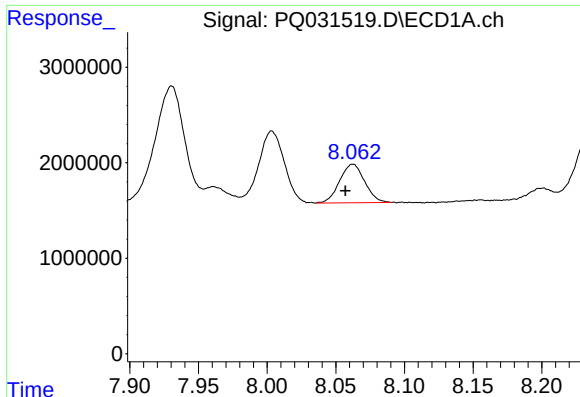
#36 AR-1262-1

R.T.: 7.283 min
Delta R.T.: 0.005 min
Response: 7848277
Conc: 96.82 ng/ml



#36 AR-1262-1

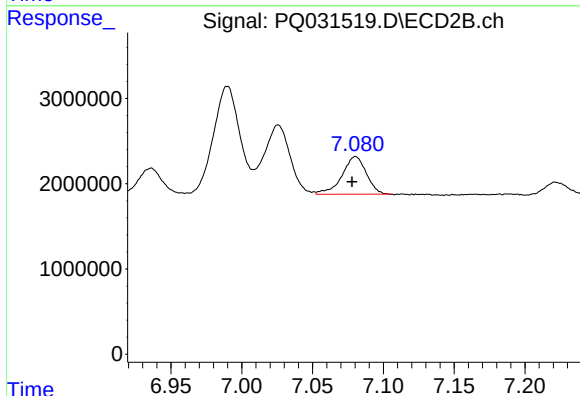
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 10181371
Conc: 136.10 ng/ml



#37 AR-1262-2

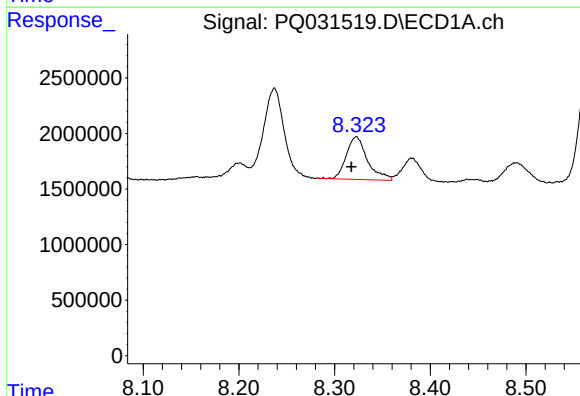
R.T.: 8.062 min
Delta R.T.: 0.005 min
Response: 5135412
Conc: 63.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



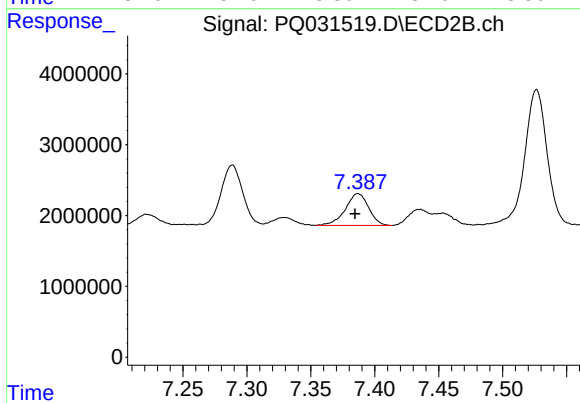
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: 0.002 min
Response: 5306033
Conc: 72.60 ng/ml



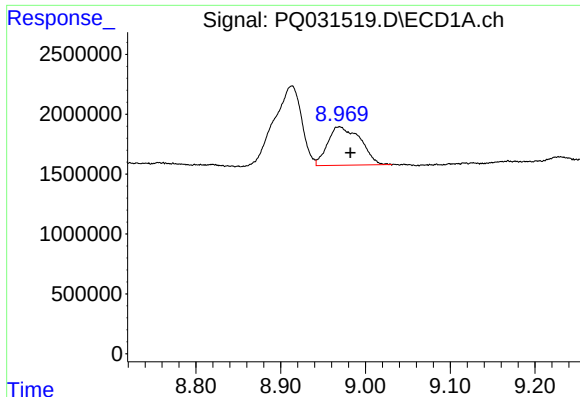
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.005 min
Response: 5944408
Conc: 65.75 ng/ml



#38 AR-1262-3

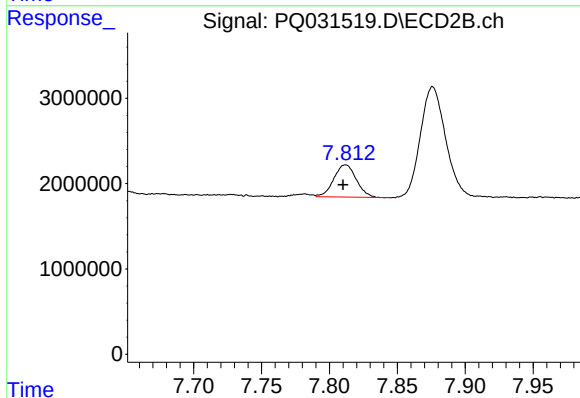
R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 5695914
Conc: 75.23 ng/ml



#39 AR-1262-4

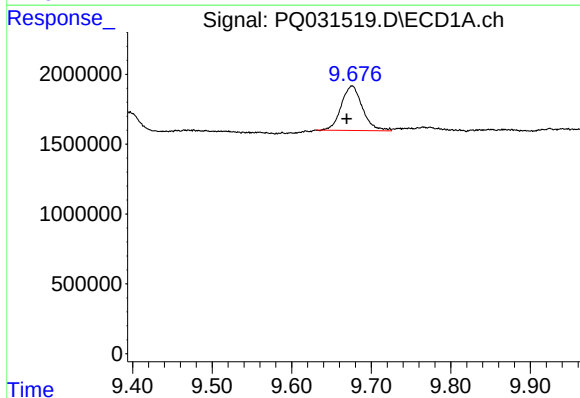
R.T.: 8.969 min
Delta R.T.: -0.013 min
Response: 8635926
Conc: 47.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



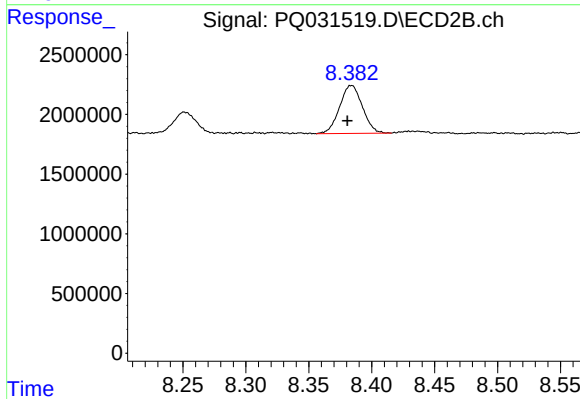
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: 0.002 min
Response: 4362958
Conc: 31.01 ng/ml



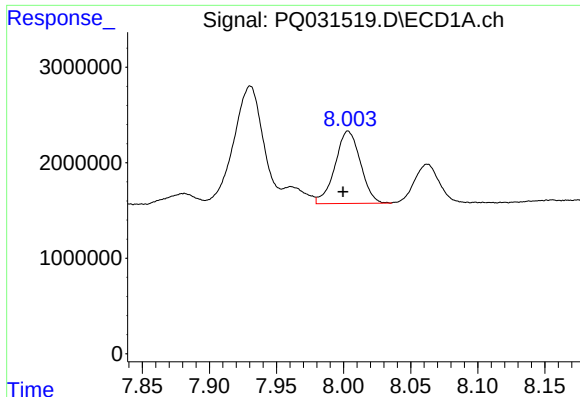
#40 AR-1262-5

R.T.: 9.676 min
Delta R.T.: 0.007 min
Response: 5898394
Conc: 45.78 ng/ml



#40 AR-1262-5

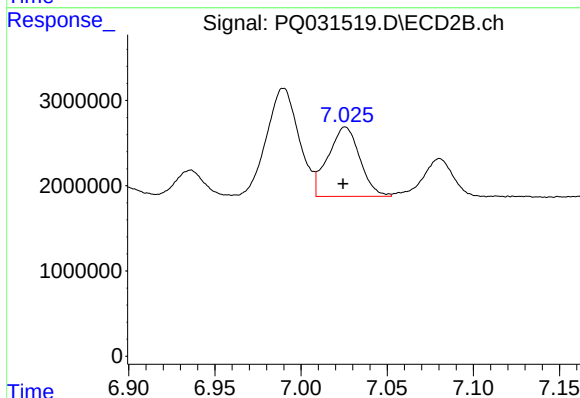
R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 5050909
Conc: 45.70 ng/ml



#41 AR-1268-1

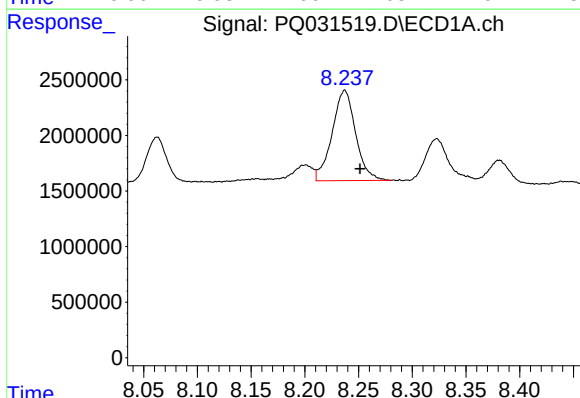
R.T.: 8.004 min
Delta R.T.: 0.004 min
Response: 9978154
Conc: 110.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



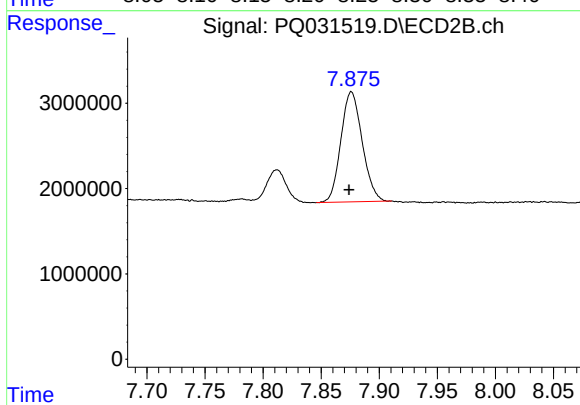
#41 AR-1268-1

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 10488227
Conc: 126.89 ng/ml



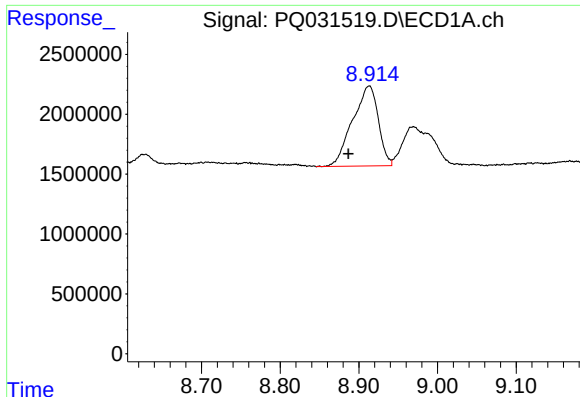
#42 AR-1268-2

R.T.: 8.237 min
Delta R.T.: -0.014 min
Response: 12404930
Conc: 104.65 ng/ml



#42 AR-1268-2

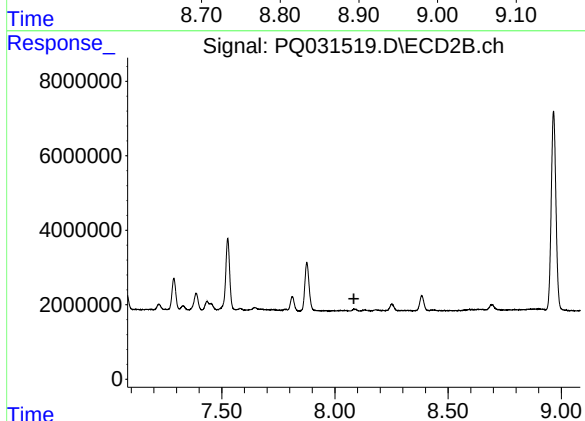
R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 16490215
Conc: 38.46 ng/ml



#43 AR-1268-3

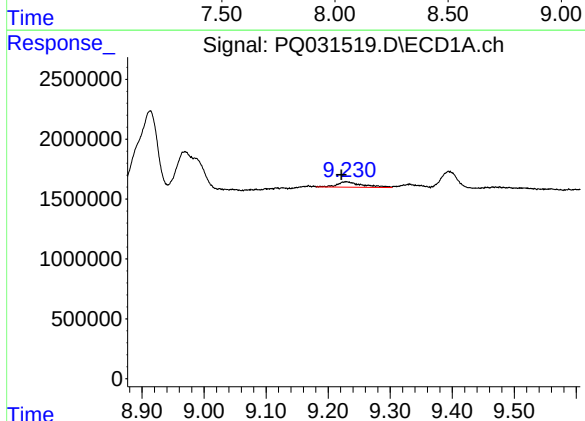
R.T.: 8.913 min
Delta R.T.: 0.026 min
Response: 15169699
Conc: 29.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



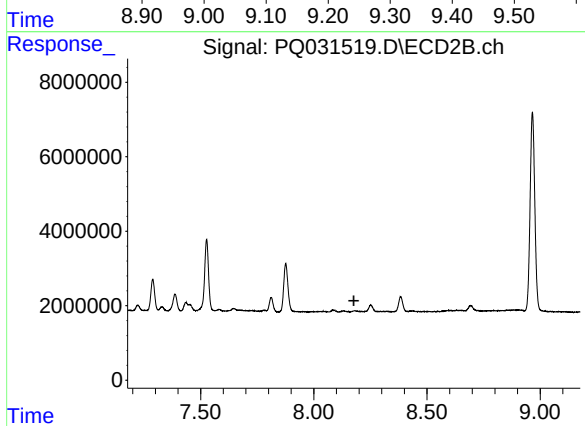
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.084 min
Response: 0
Conc: N.D.



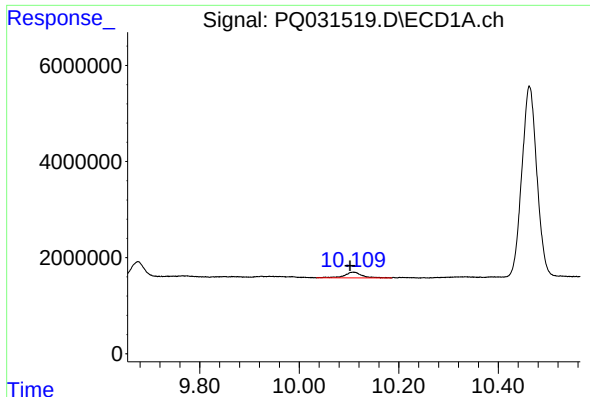
#44 AR-1268-4

R.T.: 9.229 min
Delta R.T.: 0.007 min
Response: 1259807
Conc: 3.19 ng/ml



#44 AR-1268-4

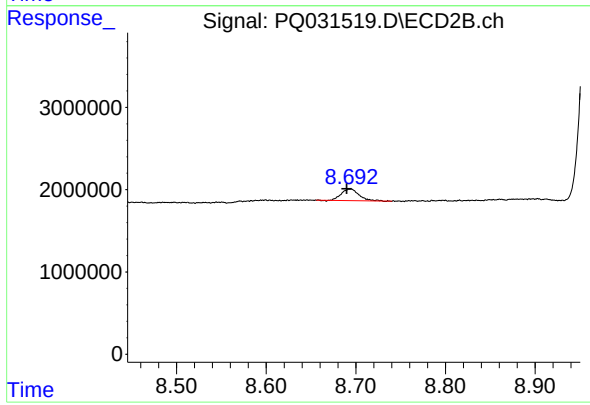
R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.109 min
Delta R.T.: 0.007 min
Response: 3008902
Conc: 2.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS78



#45 AR-1268-5

R.T.: 8.694 min
Delta R.T.: 0.004 min
Response: 1929348
Conc: 1.79 ng/ml