

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR020819\
 Data File : PR035406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2019 16:51
 Operator : SM\SJ
 Sample : PB116920BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:39:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR020119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 02 01:45:00 2019
 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...	4.429	3.500	24914981	52261931	16.067	17.038
2)	SA Decachlor...	10.107	8.386	77628730	200.8E6	35.153	35.120
Target Compounds							
3)	L1 AR-1016-1	5.593	4.558	6809511	14180744	69.847	64.342
4)	L1 AR-1016-2	5.614	4.575	10061424	21695029	69.008	62.587
5)	L1 AR-1016-3	5.677	4.747	6255249	11043465	69.751	62.771
6)	L1 AR-1016-4	5.775	4.789	4975893	9217920	66.219	67.976
7)	L1 AR-1016-5	6.067	4.996	4955190	12215896	65.841	62.745
9)	L2 AR-1221-2	4.727	0.000	1023172	0	79.975	N.D. #
10)	L2 AR-1221-3	4.801	3.866	3376969	6202956	73.226	57.843
11)	L3 AR-1232-1	4.801	3.866	3376969	6202956	101.071	78.031
12)	L3 AR-1232-2	5.326	4.575	4523710	21695029	245.730	223.759
13)	L3 AR-1232-3	5.614	4.747	10061424	11043465	247.093	221.805
14)	L3 AR-1232-4	5.775	4.829	4975893	11177449	244.640	251.428
15)	L3 AR-1232-5	5.863	4.996	4339176	12215896	280.665	238.733
16)	L4 AR-1242-1	5.593	4.558	6809511	14180744	124.392	113.588
17)	L4 AR-1242-2	5.614	4.575	10061424	21695029	123.070	110.338
18)	L4 AR-1242-3	5.677	4.747	6255249	11043465	123.704	107.493
19)	L4 AR-1242-4	5.775	4.829	4975893	11177449	119.514	110.866
20)	L4 AR-1242-5	6.506	5.340	908523	9512882	17.958	65.724 #
21)	L5 AR-1248-1	5.593	4.558	6809511	14180744	175.420	154.577
22)	L5 AR-1248-2	5.863	4.789	4339176	9217920	76.599	71.787
23)	L5 AR-1248-3	6.067	4.829	4955190	11177449	77.368	84.300
24)	L5 AR-1248-4	6.441	4.996	5422732	12215896	68.954	73.091
25)	L5 AR-1248-5	6.506	5.340f	908523	9512882	12.220	53.806 #
26)	L6 AR-1254-1	6.441	5.340	5422732	9512882	48.843	24.609 #
27)	L6 AR-1254-2	6.656	5.485	4726347	10159307	26.609	29.890
28)	L6 AR-1254-3	7.023	5.894	2501995	19565325	13.114	33.409 #
29)	L6 AR-1254-4	7.307	6.106	1972163	2272114	12.246	5.789 #
30)	L6 AR-1254-5	7.723	6.516	19666401	42146392	119.202	76.233 #
31)	L7 AR-1260-1	7.184	6.008	11621236	28198353	67.568	62.382
32)	L7 AR-1260-2	7.440	6.194	15409531	37497705	63.645	61.797
33)	L7 AR-1260-3	7.723	6.344	19666401	33052247	73.846	60.981
34)	L7 AR-1260-4	8.023	6.809	11200390	25236369	59.392	55.084
35)	L7 AR-1260-5	8.339	7.050	25484876	67809671	55.415	53.717
36)	L8 AR-1262-1	7.797	6.553	11282183	29833540	60.937	62.685
37)	L8 AR-1262-2	8.339	7.050	25484876	67809671	79.485	76.611
38)	L8 AR-1262-3	8.662	7.328	15110069	14300136	74.099	38.979 #
39)	L8 AR-1262-4	8.718	7.391	8064837	48055478	53.644	76.706 #
40)	L8 AR-1262-5	9.379	7.883	5984457	15292123	59.559	53.751
41)	L9 AR-1268-1	8.662	7.328	15110069	14300136	25.666	8.916 #
42)	L9 AR-1268-2	8.718	7.391	8064837	48055478	16.318	33.856 #

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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
43) L9	AR-1268-3	8.960	7.594	1246931	3348155	2.800	2.701
44) L9	AR-1268-4	9.379	7.883	5984457	15292123	37.138	33.545
45) L9	AR-1268-5	9.781	8.155	2467933	6174099	2.065	1.805

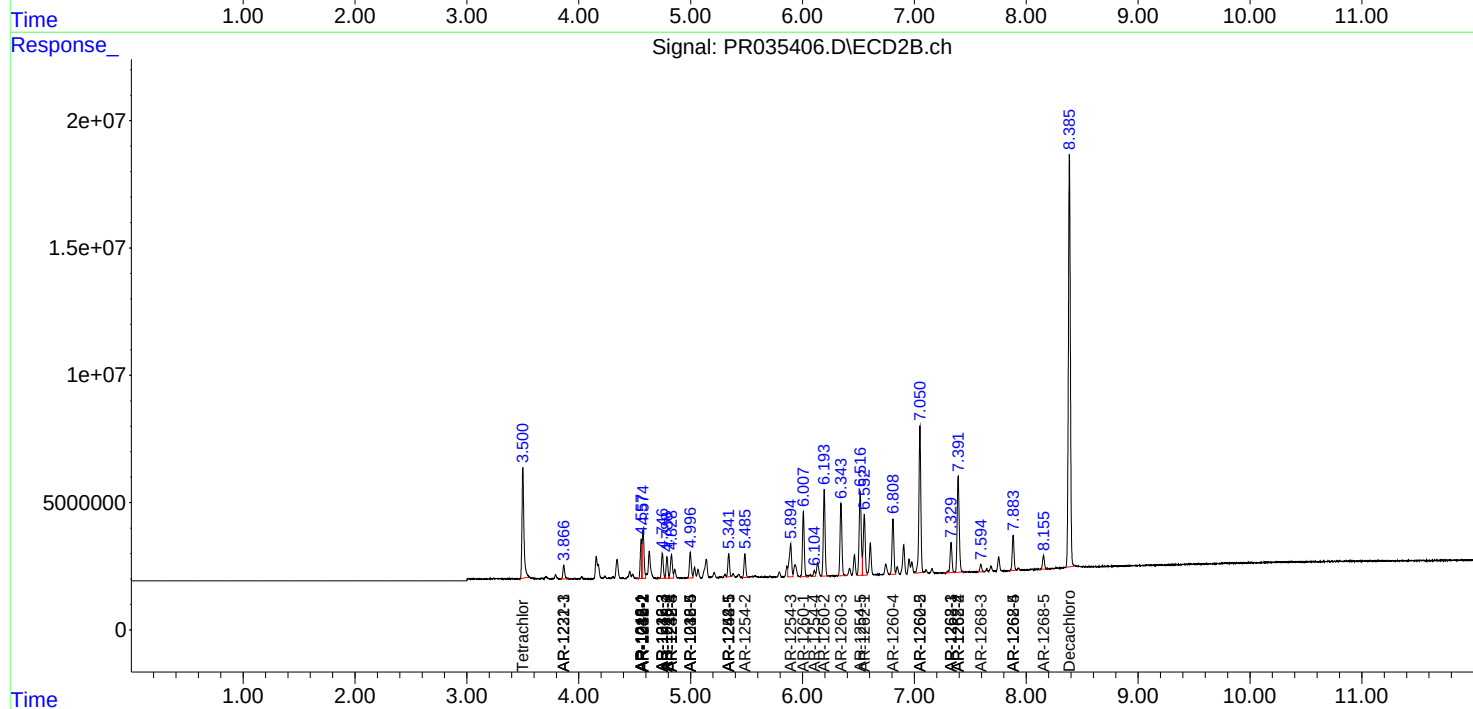
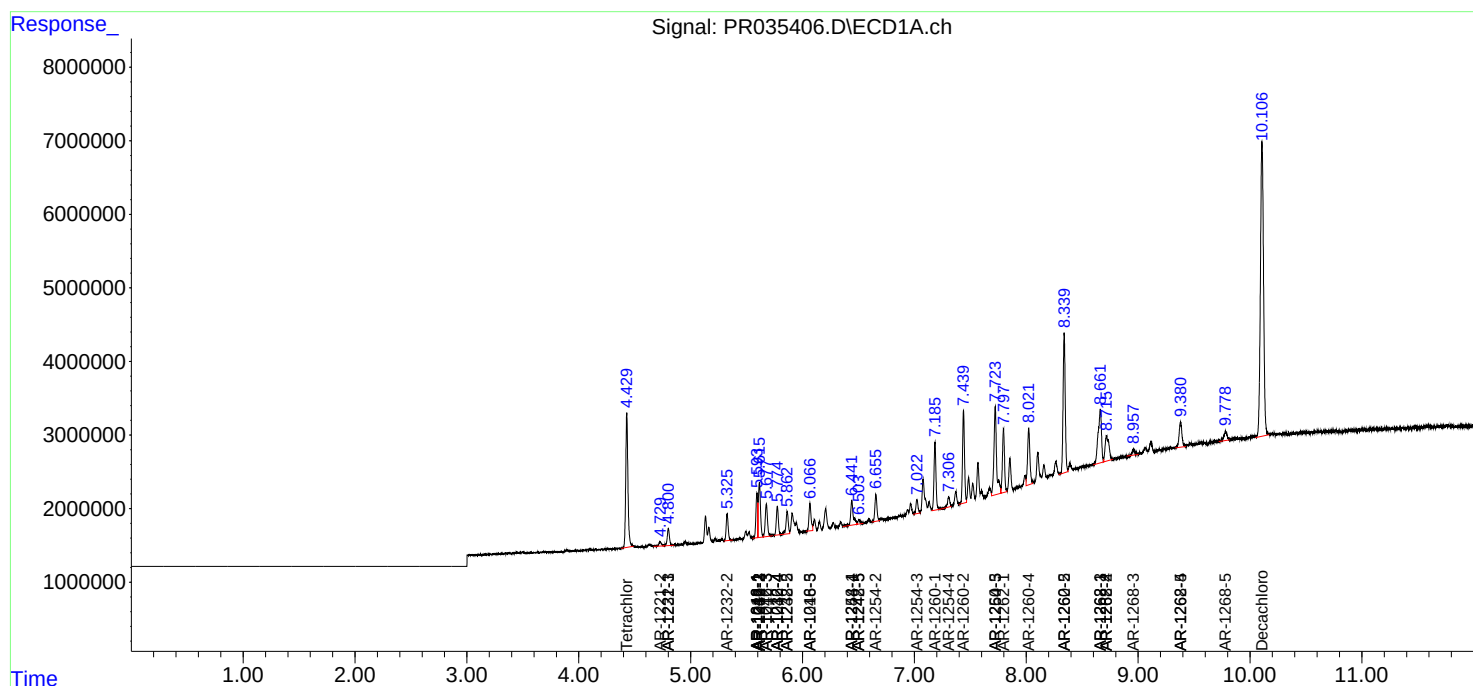
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

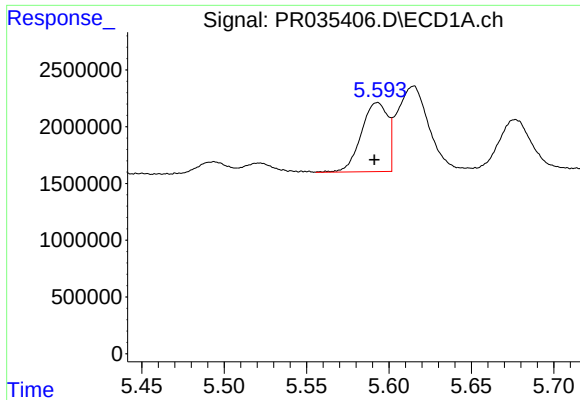
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

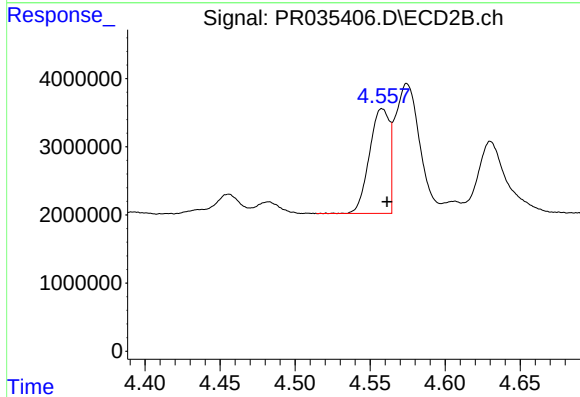




#3 AR-1016-1

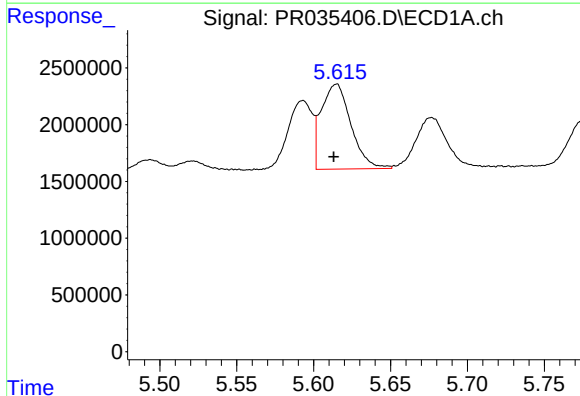
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 6809511
Conc: 69.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



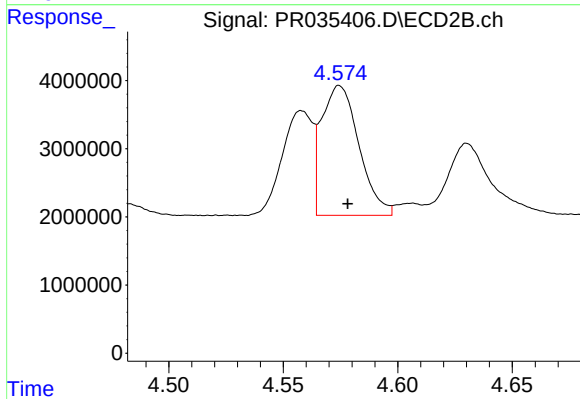
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 14180744
Conc: 64.34 ng/ml



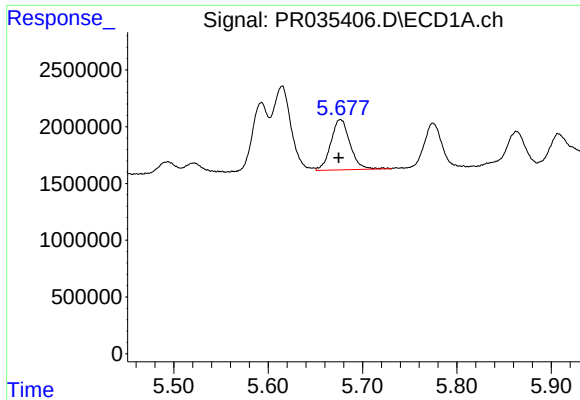
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 10061424
Conc: 69.01 ng/ml



#4 AR-1016-2

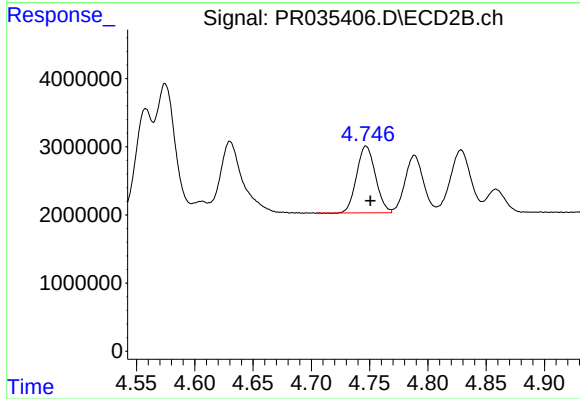
R.T.: 4.575 min
Delta R.T.: -0.004 min
Response: 21695029
Conc: 62.59 ng/ml



#5 AR-1016-3

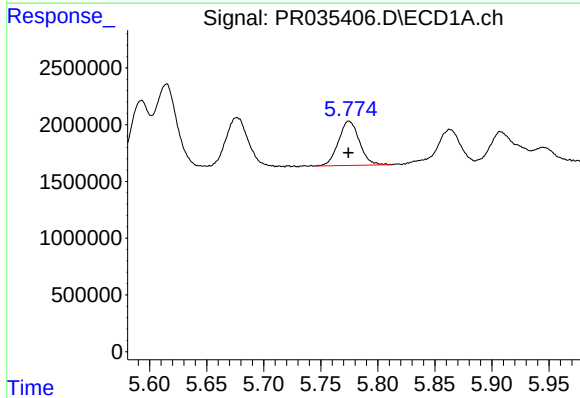
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 6255249
Conc: 69.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



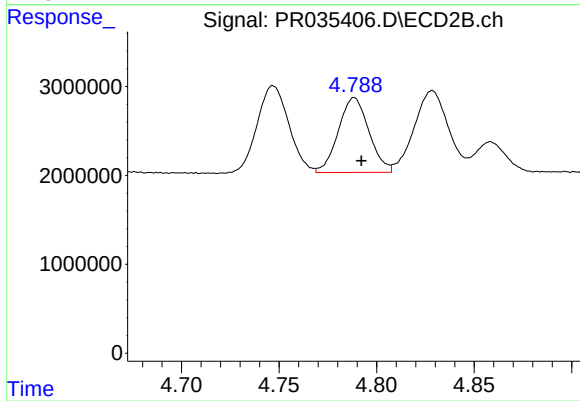
#5 AR-1016-3

R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 11043465
Conc: 62.77 ng/ml



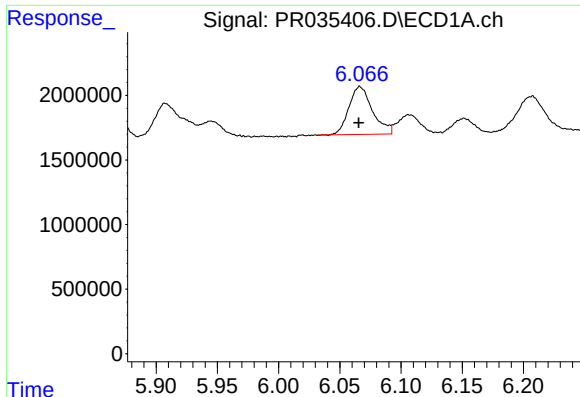
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 4975893
Conc: 66.22 ng/ml



#6 AR-1016-4

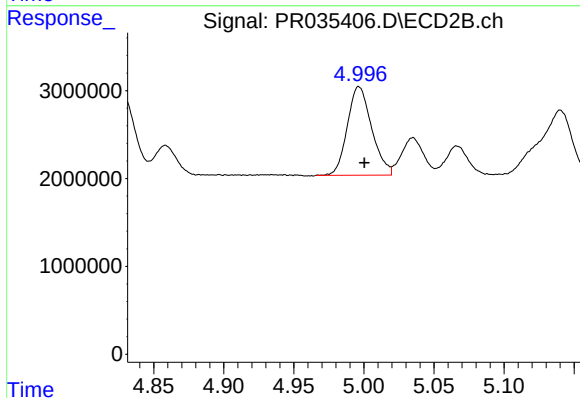
R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 9217920
Conc: 67.98 ng/ml



#7 AR-1016-5

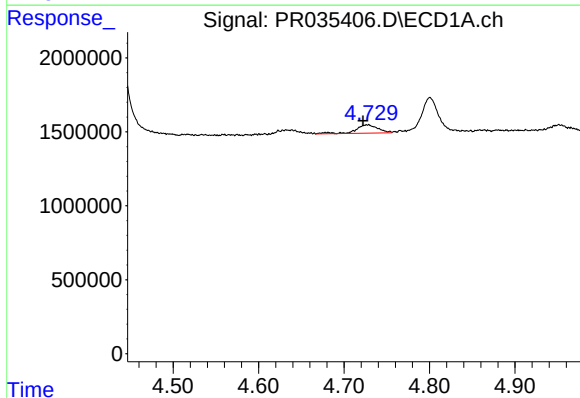
R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 4955190
Conc: 65.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



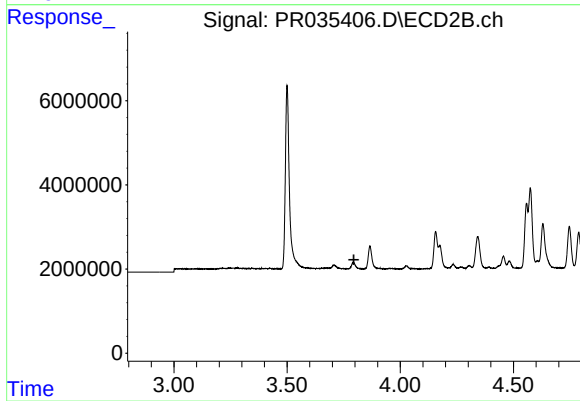
#7 AR-1016-5

R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12215896
Conc: 62.75 ng/ml



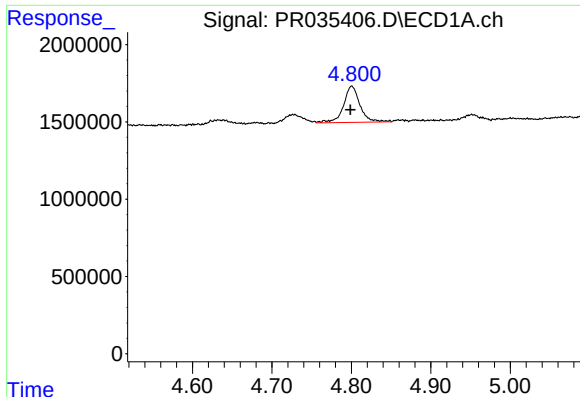
#9 AR-1221-2

R.T.: 4.727 min
Delta R.T.: 0.005 min
Response: 1023172
Conc: 79.97 ng/ml



#9 AR-1221-2

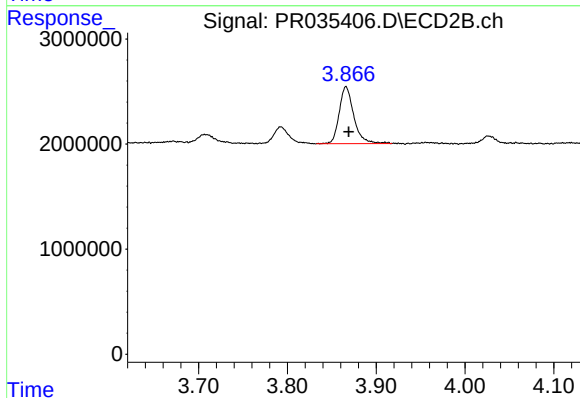
R.T.: 0.000 min
Exp R.T.: 3.795 min
Response: 0
Conc: N.D.



#10 AR-1221-3

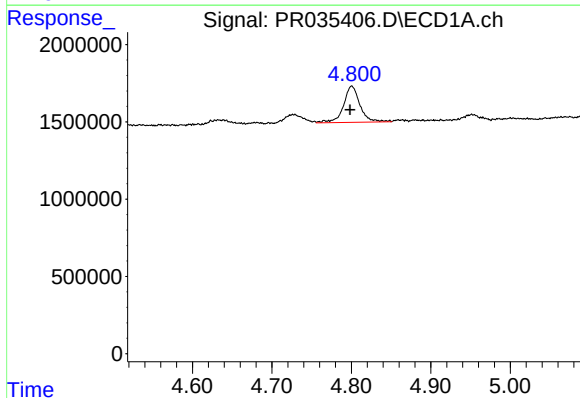
R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 3376969
Conc: 73.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



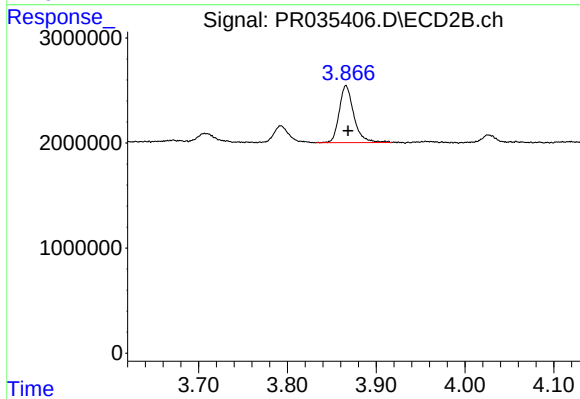
#10 AR-1221-3

R.T.: 3.866 min
Delta R.T.: -0.003 min
Response: 6202956
Conc: 57.84 ng/ml



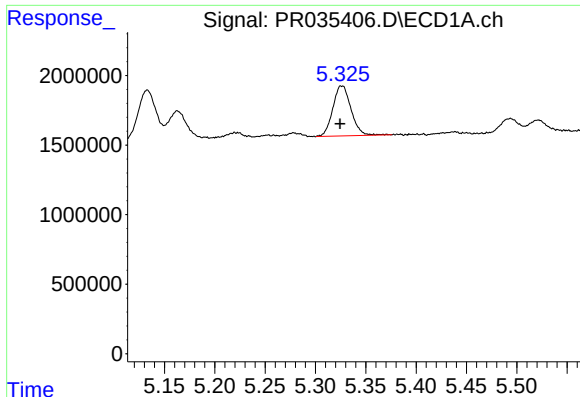
#11 AR-1232-1

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 3376969
Conc: 101.07 ng/ml



#11 AR-1232-1

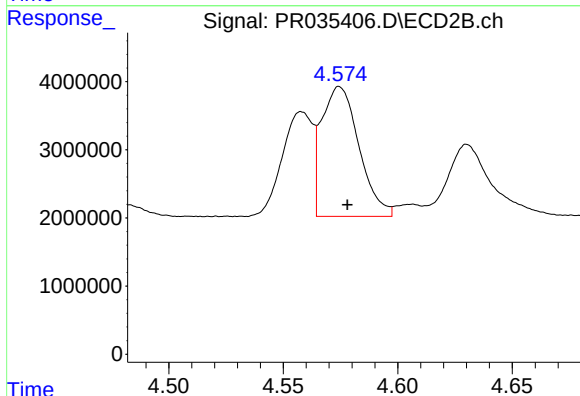
R.T.: 3.866 min
Delta R.T.: -0.002 min
Response: 6202956
Conc: 78.03 ng/ml



#12 AR-1232-2

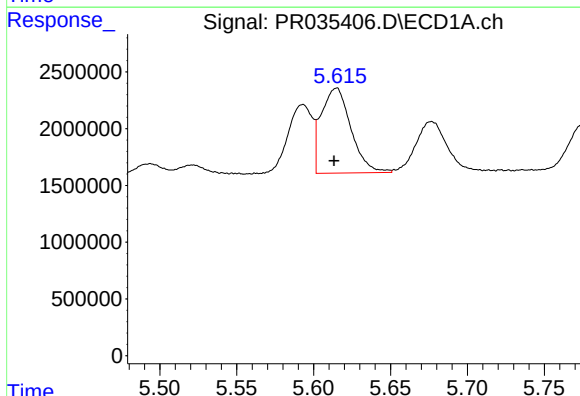
R.T.: 5.326 min
Delta R.T.: 0.002 min
Response: 4523710
Conc: 245.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



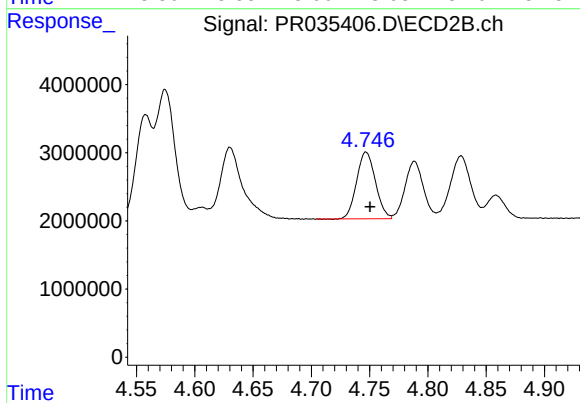
#12 AR-1232-2

R.T.: 4.575 min
Delta R.T.: -0.003 min
Response: 21695029
Conc: 223.76 ng/ml



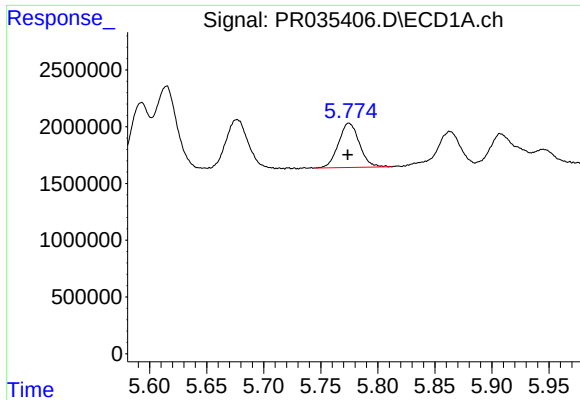
#13 AR-1232-3

R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 10061424
Conc: 247.09 ng/ml



#13 AR-1232-3

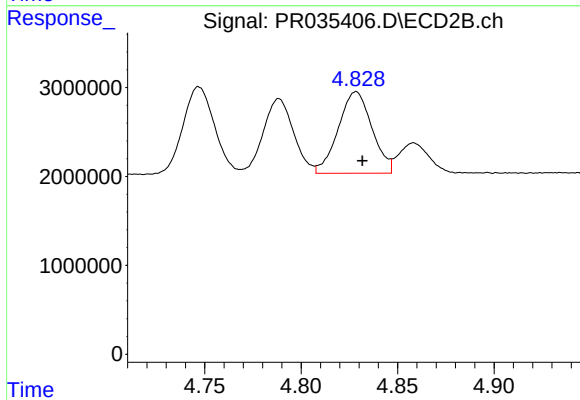
R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 11043465
Conc: 221.81 ng/ml



#14 AR-1232-4

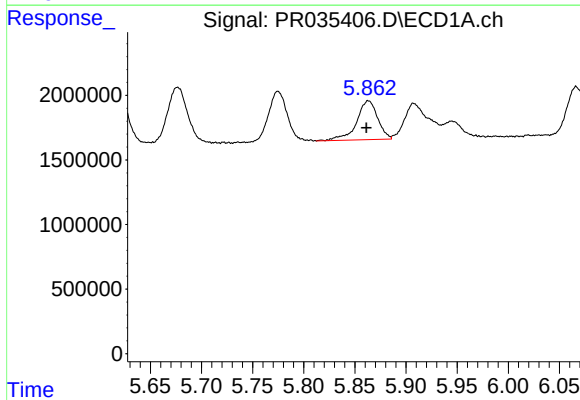
R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 4975893
Conc: 244.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



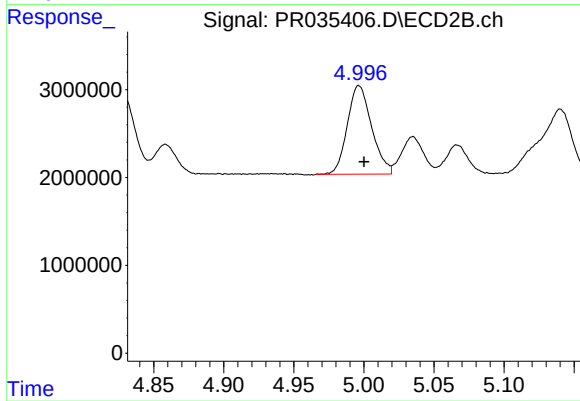
#14 AR-1232-4

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 11177449
Conc: 251.43 ng/ml



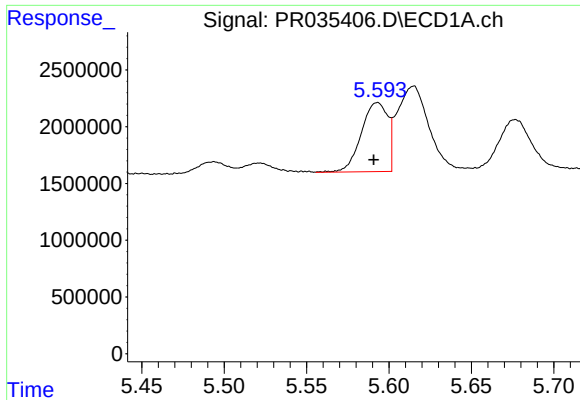
#15 AR-1232-5

R.T.: 5.863 min
Delta R.T.: 0.002 min
Response: 4339176
Conc: 280.66 ng/ml



#15 AR-1232-5

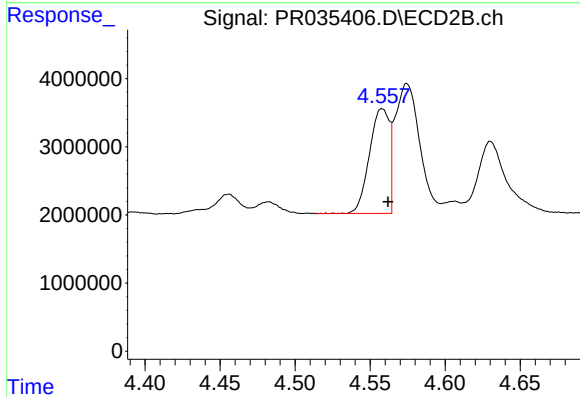
R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12215896
Conc: 238.73 ng/ml



#16 AR-1242-1

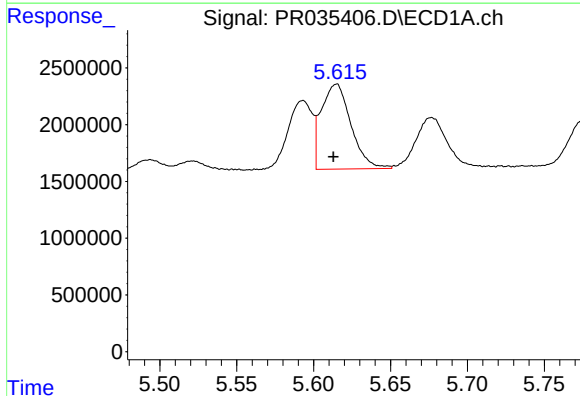
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 6809511
Conc: 124.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



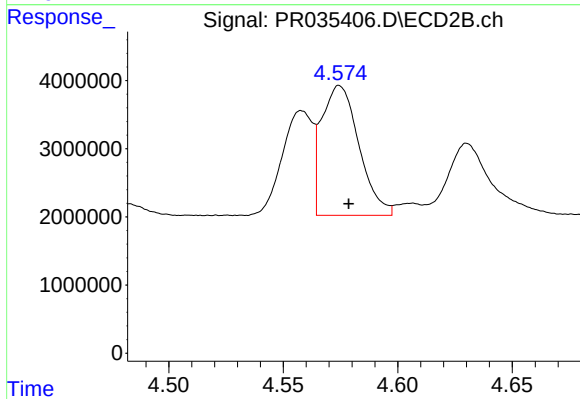
#16 AR-1242-1

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 14180744
Conc: 113.59 ng/ml



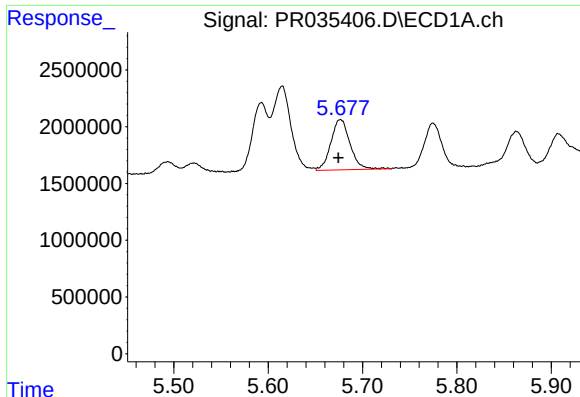
#17 AR-1242-2

R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 10061424
Conc: 123.07 ng/ml



#17 AR-1242-2

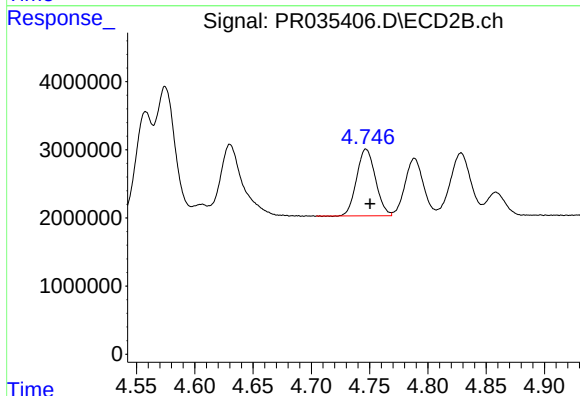
R.T.: 4.575 min
Delta R.T.: -0.004 min
Response: 21695029
Conc: 110.34 ng/ml



#18 AR-1242-3

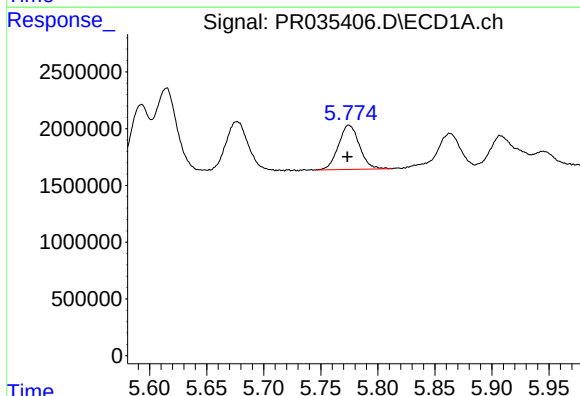
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 6255249
Conc: 123.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
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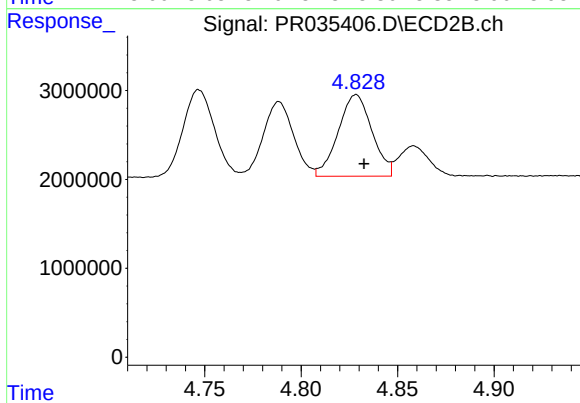
#18 AR-1242-3

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 11043465
Conc: 107.49 ng/ml



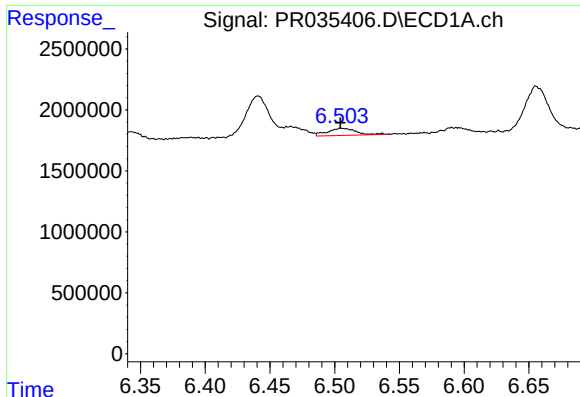
#19 AR-1242-4

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 4975893
Conc: 119.51 ng/ml



#19 AR-1242-4

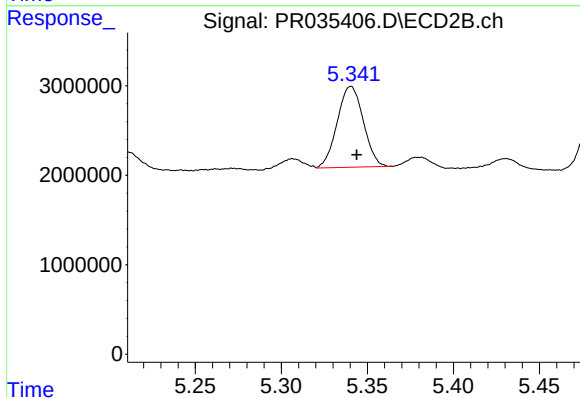
R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 11177449
Conc: 110.87 ng/ml



#20 AR-1242-5

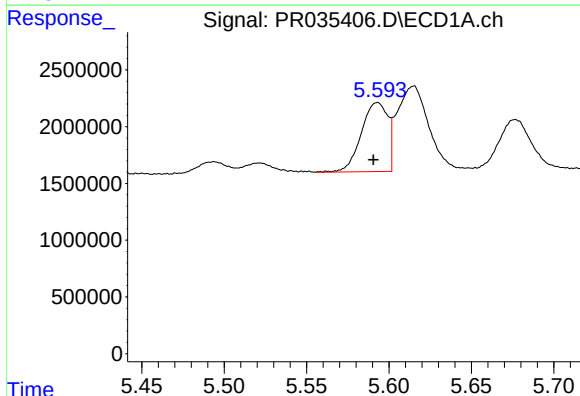
R.T.: 6.506 min
Delta R.T.: 0.002 min
Response: 908523
Conc: 17.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



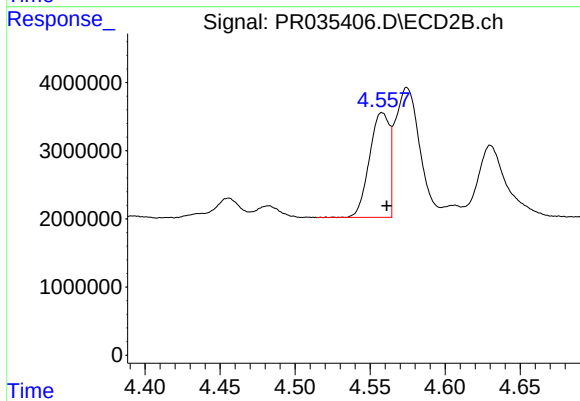
#20 AR-1242-5

R.T.: 5.340 min
Delta R.T.: -0.003 min
Response: 9512882
Conc: 65.72 ng/ml



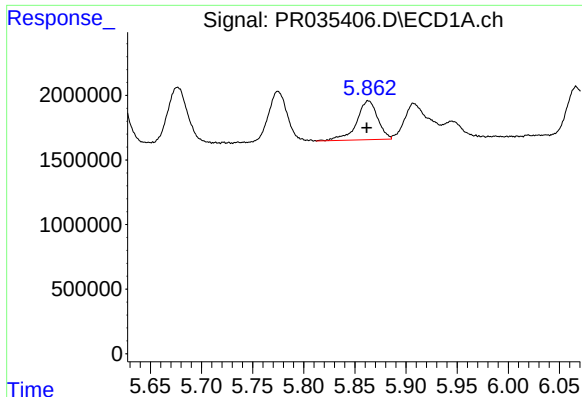
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 6809511
Conc: 175.42 ng/ml



#21 AR-1248-1

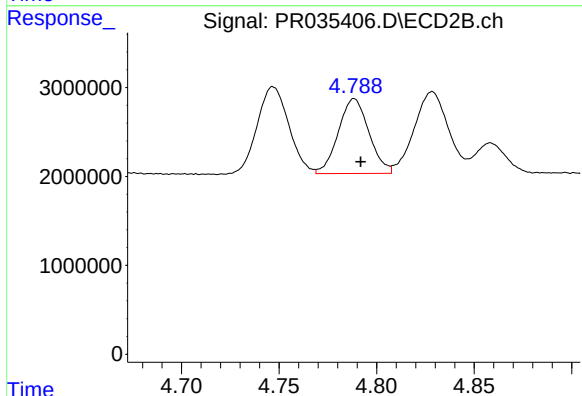
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 14180744
Conc: 154.58 ng/ml



#22 AR-1248-2

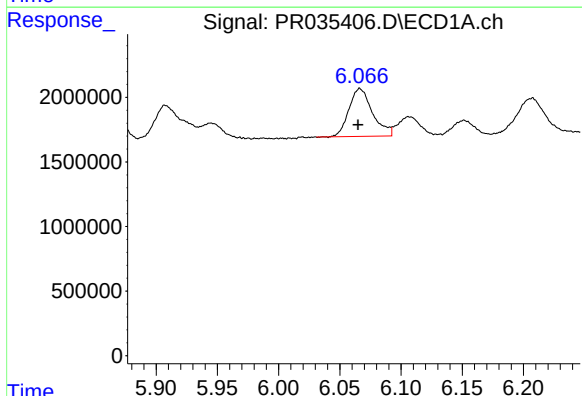
R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 4339176
Conc: 76.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



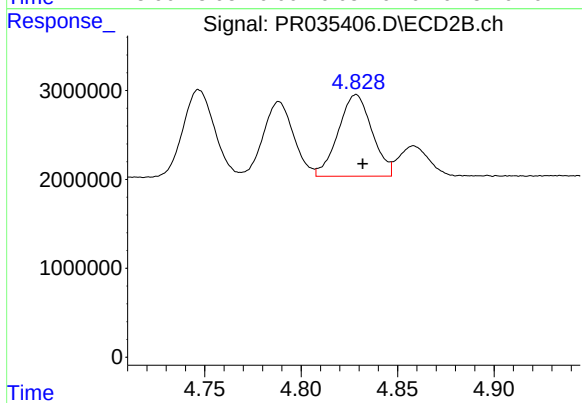
#22 AR-1248-2

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 9217920
Conc: 71.79 ng/ml



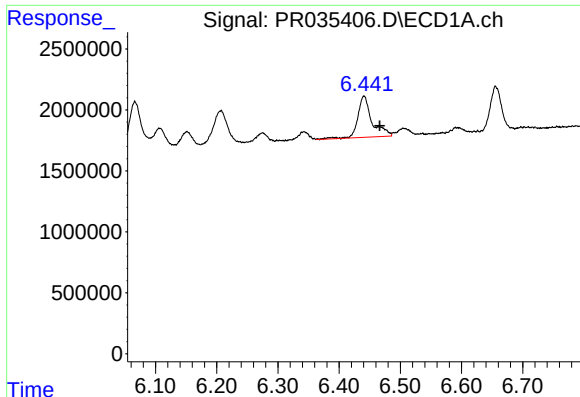
#23 AR-1248-3

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 4955190
Conc: 77.37 ng/ml



#23 AR-1248-3

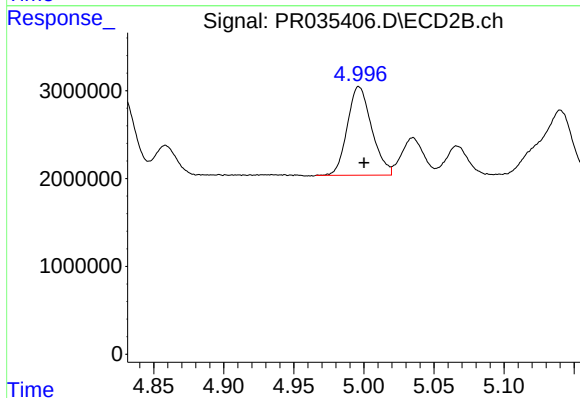
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 11177449
Conc: 84.30 ng/ml



#24 AR-1248-4

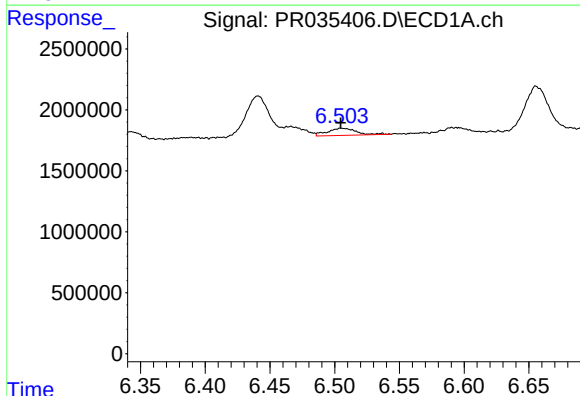
R.T.: 6.441 min
Delta R.T.: -0.026 min
Response: 5422732
Conc: 68.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



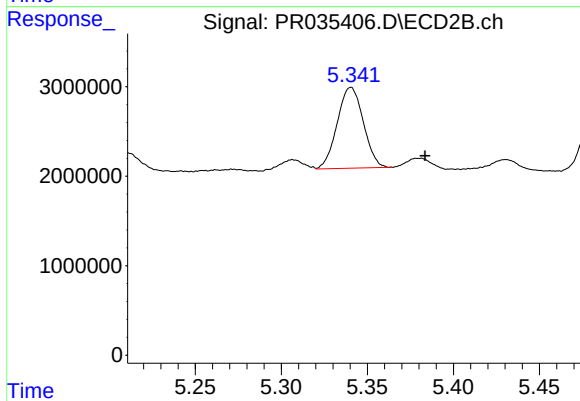
#24 AR-1248-4

R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12215896
Conc: 73.09 ng/ml



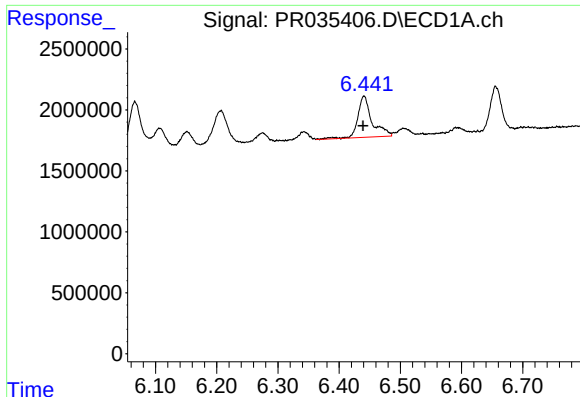
#25 AR-1248-5

R.T.: 6.506 min
Delta R.T.: 0.001 min
Response: 908523
Conc: 12.22 ng/ml



#25 AR-1248-5

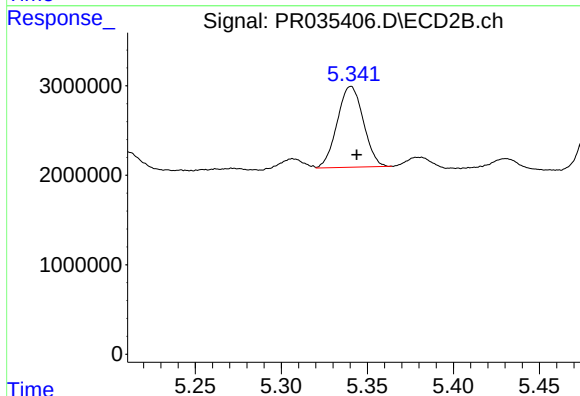
R.T.: 5.340 min
Delta R.T.: -0.043 min
Response: 9512882
Conc: 53.81 ng/ml



#26 AR-1254-1

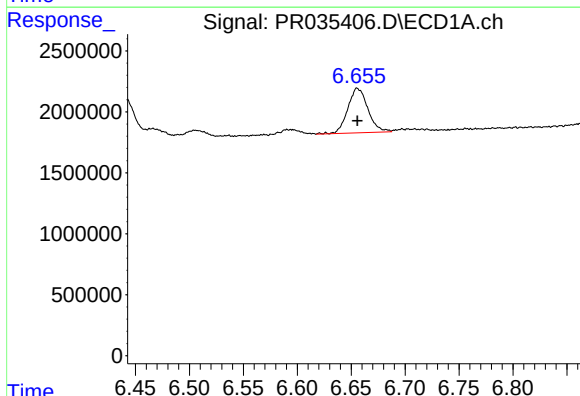
R.T.: 6.441 min
Delta R.T.: 0.001 min
Response: 5422732
Conc: 48.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



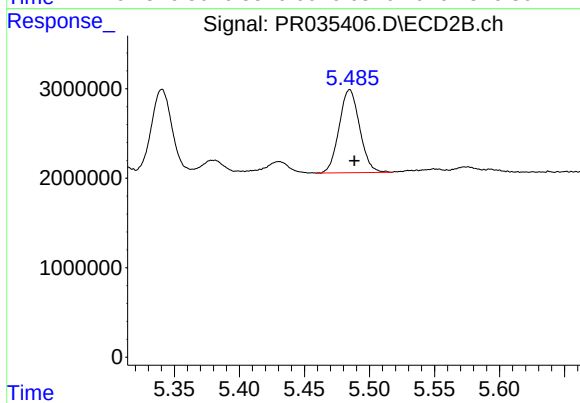
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: -0.003 min
Response: 9512882
Conc: 24.61 ng/ml



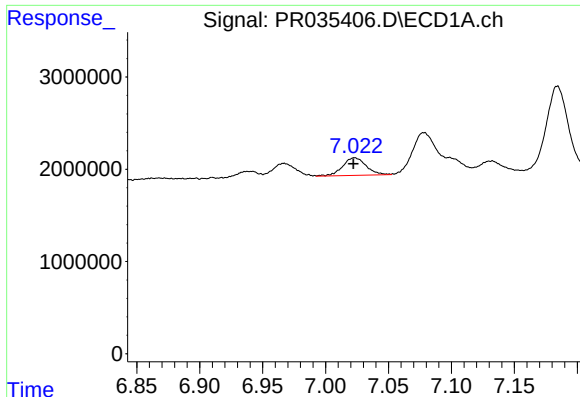
#27 AR-1254-2

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 4726347
Conc: 26.61 ng/ml



#27 AR-1254-2

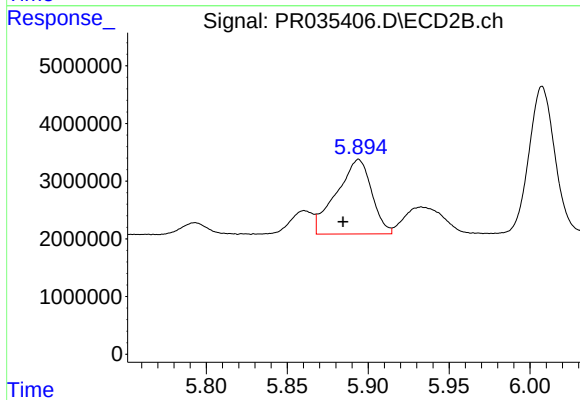
R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 10159307
Conc: 29.89 ng/ml



#28 AR-1254-3

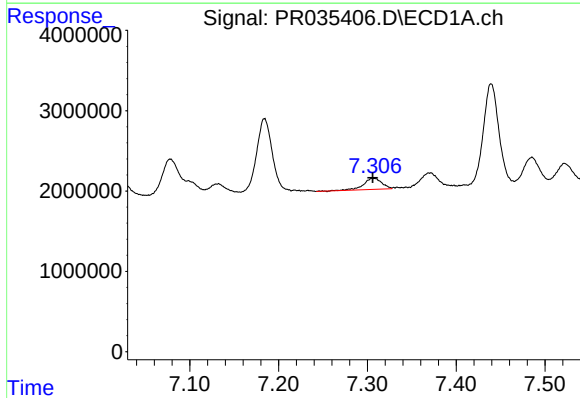
R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 2501995
Conc: 13.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



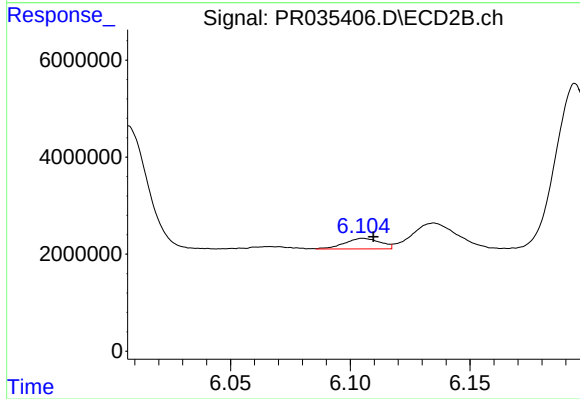
#28 AR-1254-3

R.T.: 5.894 min
Delta R.T.: 0.010 min
Response: 19565325
Conc: 33.41 ng/ml



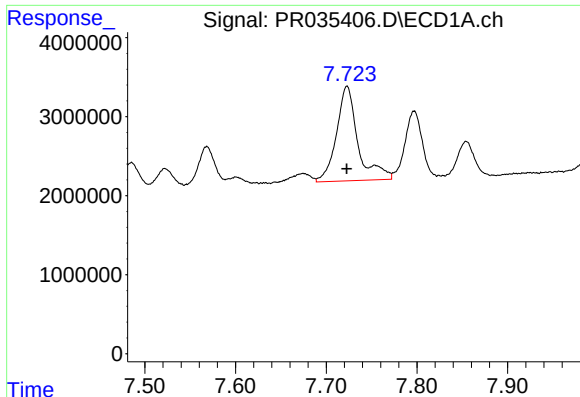
#29 AR-1254-4

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 1972163
Conc: 12.25 ng/ml



#29 AR-1254-4

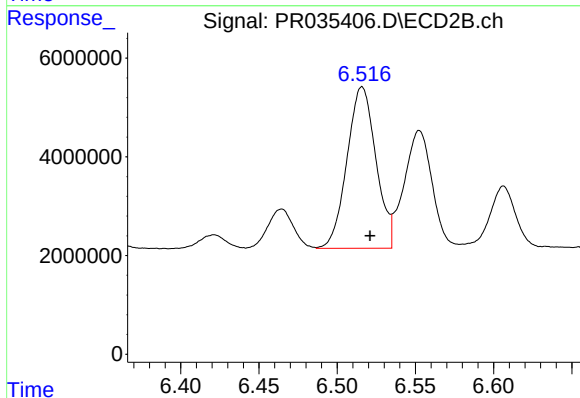
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 2272114
Conc: 5.79 ng/ml



#30 AR-1254-5

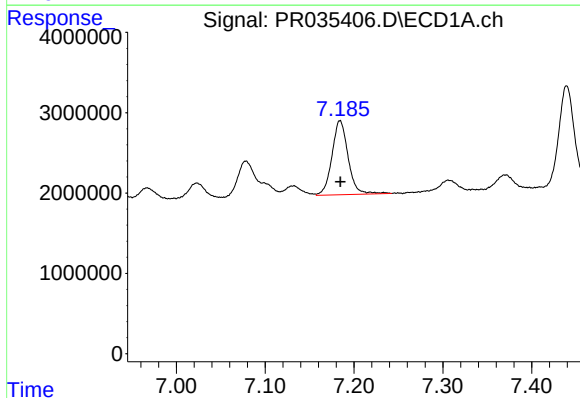
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 19666401
Conc: 119.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



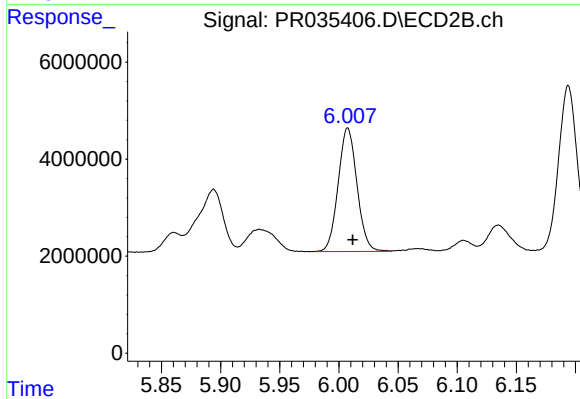
#30 AR-1254-5

R.T.: 6.516 min
Delta R.T.: -0.005 min
Response: 42146392
Conc: 76.23 ng/ml



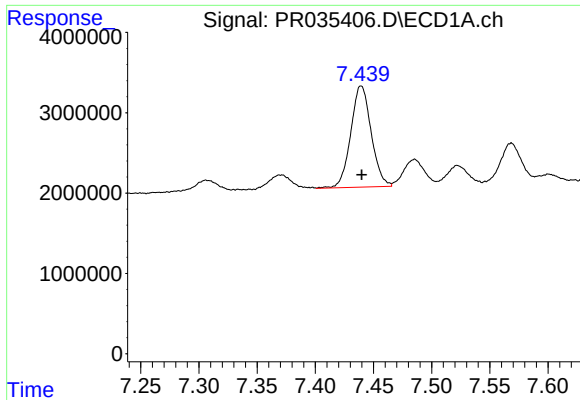
#31 AR-1260-1

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 11621236
Conc: 67.57 ng/ml



#31 AR-1260-1

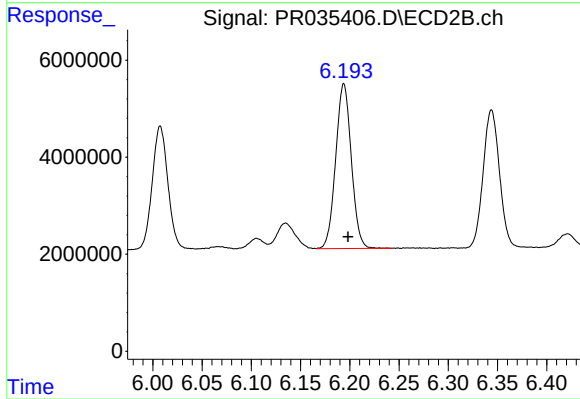
R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 28198353
Conc: 62.38 ng/ml



#32 AR-1260-2

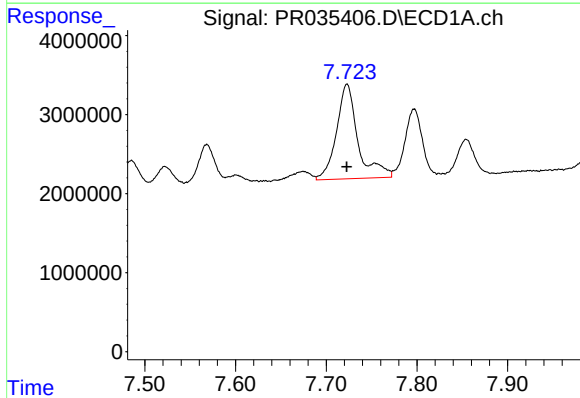
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 15409531
Conc: 63.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



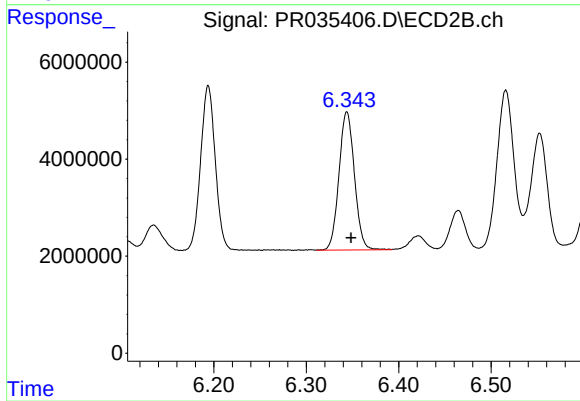
#32 AR-1260-2

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 37497705
Conc: 61.80 ng/ml



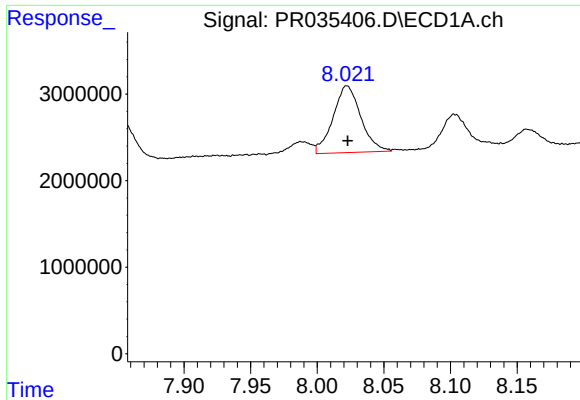
#33 AR-1260-3

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 19666401
Conc: 73.85 ng/ml



#33 AR-1260-3

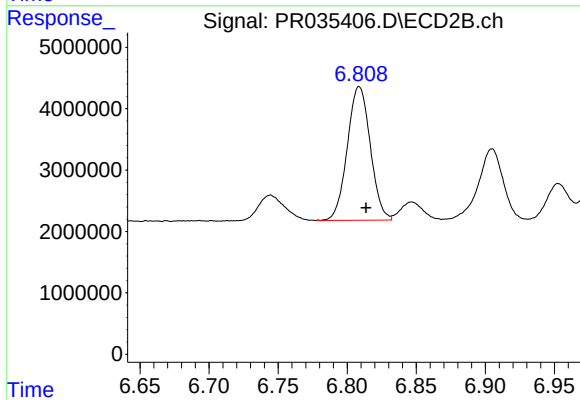
R.T.: 6.344 min
Delta R.T.: -0.005 min
Response: 33052247
Conc: 60.98 ng/ml



#34 AR-1260-4

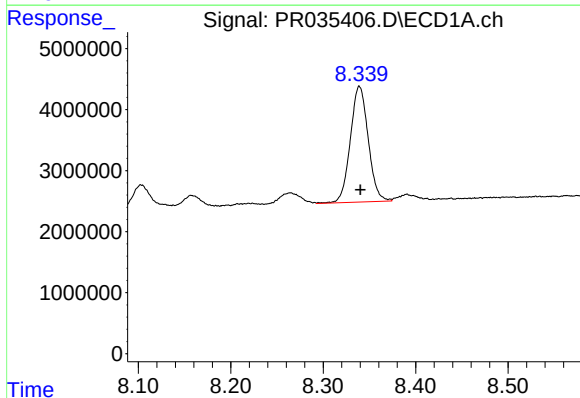
R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 11200390
Conc: 59.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



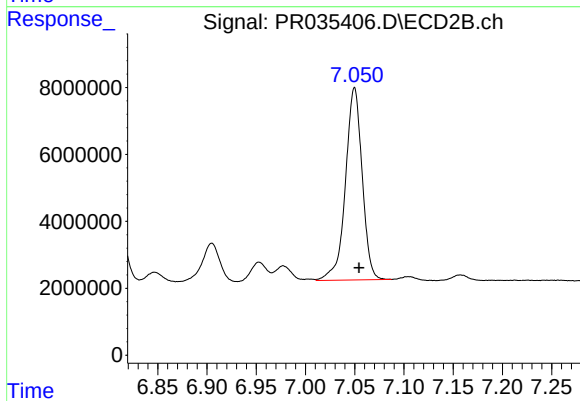
#34 AR-1260-4

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 25236369
Conc: 55.08 ng/ml



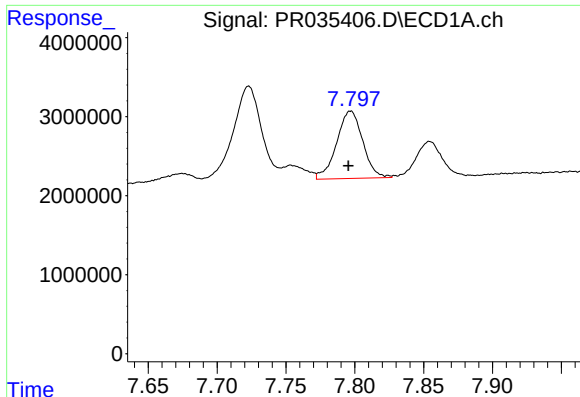
#35 AR-1260-5

R.T.: 8.339 min
Delta R.T.: -0.001 min
Response: 25484876
Conc: 55.42 ng/ml



#35 AR-1260-5

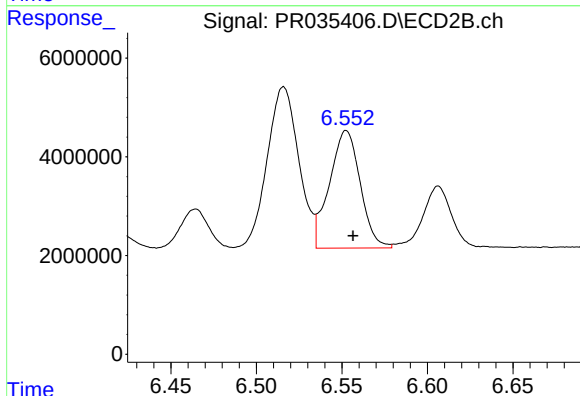
R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 67809671
Conc: 53.72 ng/ml



#36 AR-1262-1

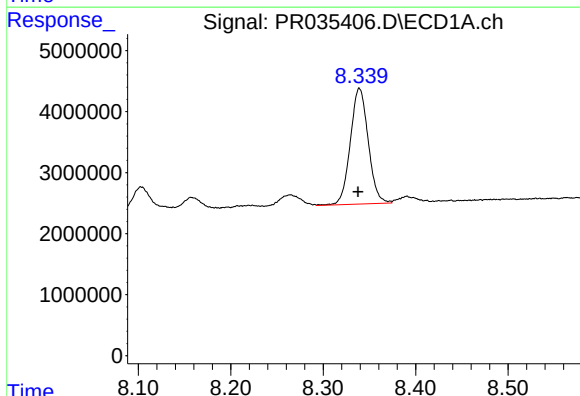
R.T.: 7.797 min
Delta R.T.: 0.002 min
Response: 11282183
Conc: 60.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



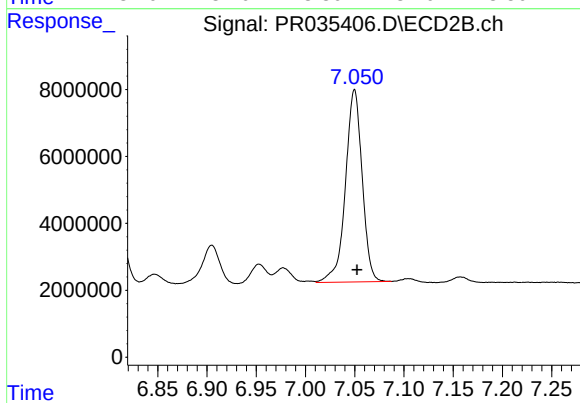
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 29833540
Conc: 62.69 ng/ml



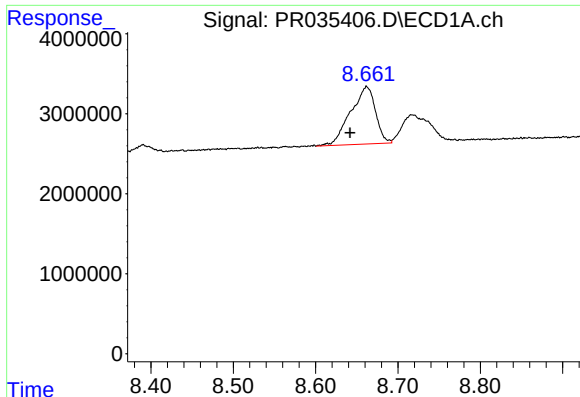
#37 AR-1262-2

R.T.: 8.339 min
Delta R.T.: 0.002 min
Response: 25484876
Conc: 79.49 ng/ml



#37 AR-1262-2

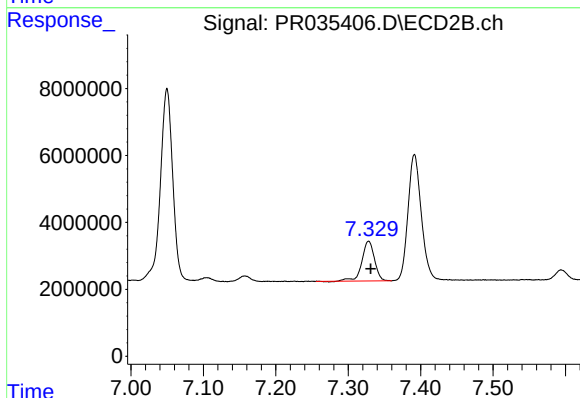
R.T.: 7.050 min
Delta R.T.: -0.003 min
Response: 67809671
Conc: 76.61 ng/ml



#38 AR-1262-3

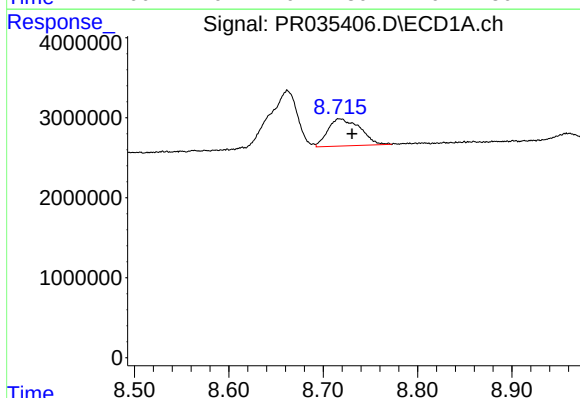
R.T.: 8.662 min
Delta R.T.: 0.020 min
Response: 15110069
Conc: 74.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



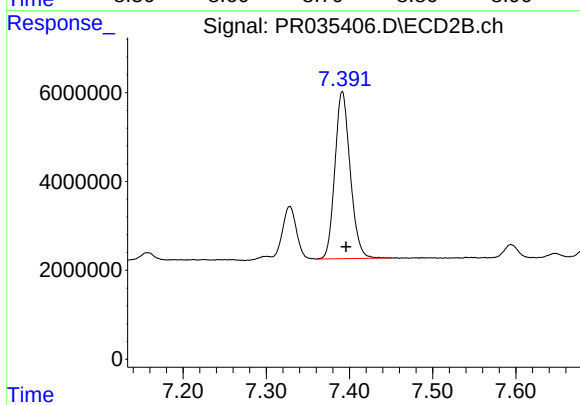
#38 AR-1262-3

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 14300136
Conc: 38.98 ng/ml



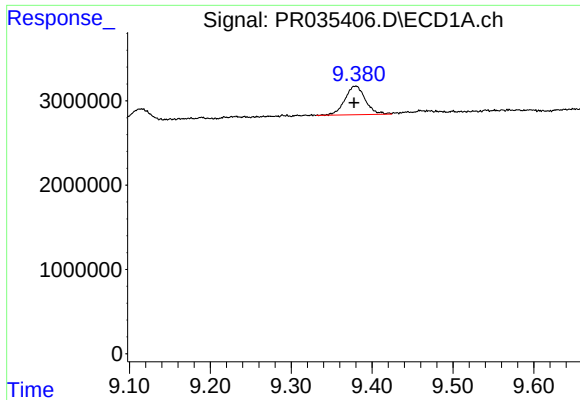
#39 AR-1262-4

R.T.: 8.718 min
Delta R.T.: -0.013 min
Response: 8064837
Conc: 53.64 ng/ml



#39 AR-1262-4

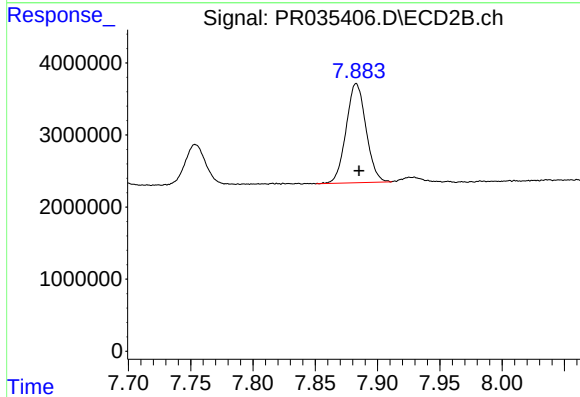
R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 48055478
Conc: 76.71 ng/ml



#40 AR-1262-5

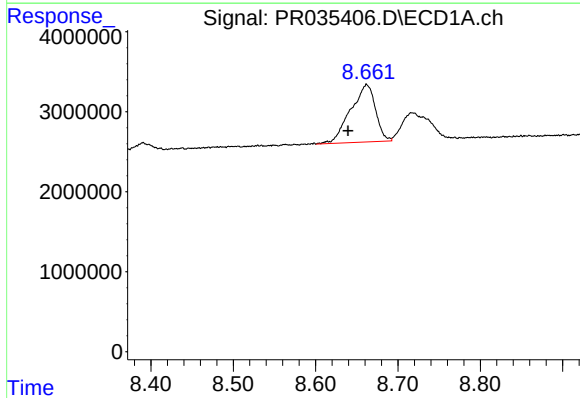
R.T.: 9.379 min
Delta R.T.: 0.002 min
Response: 5984457
Conc: 59.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



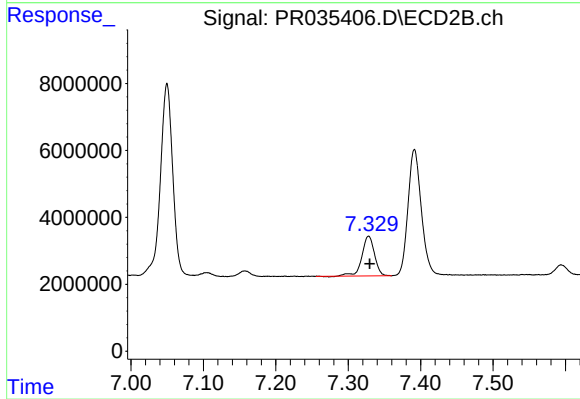
#40 AR-1262-5

R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 15292123
Conc: 53.75 ng/ml



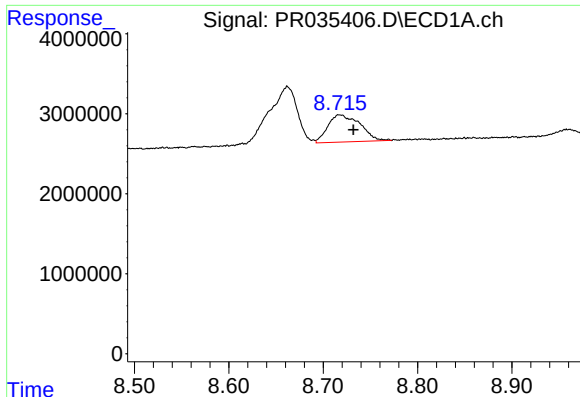
#41 AR-1268-1

R.T.: 8.662 min
Delta R.T.: 0.023 min
Response: 15110069
Conc: 25.67 ng/ml



#41 AR-1268-1

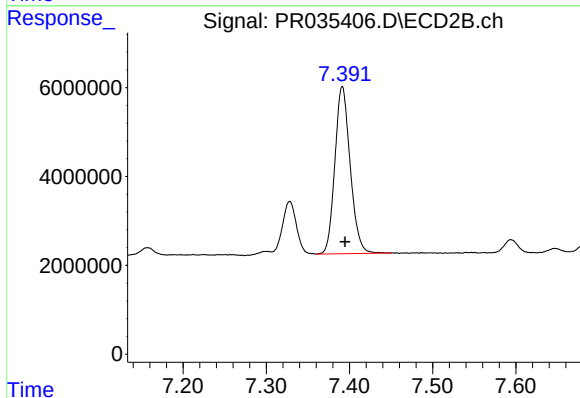
R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 14300136
Conc: 8.92 ng/ml



#42 AR-1268-2

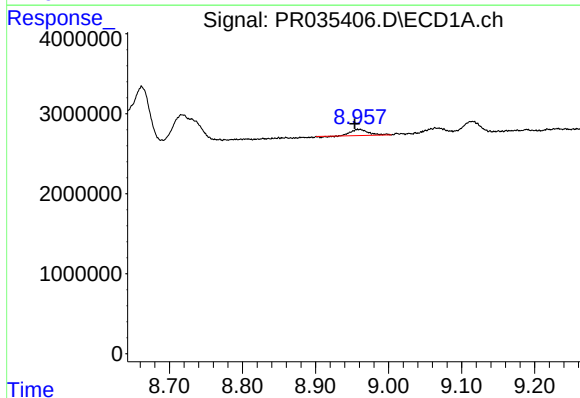
R.T.: 8.718 min
Delta R.T.: -0.014 min
Response: 8064837
Conc: 16.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



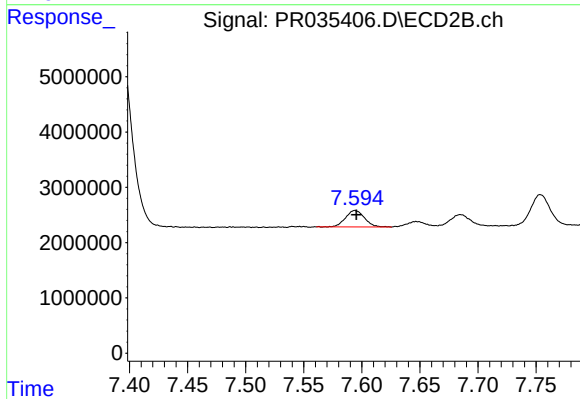
#42 AR-1268-2

R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 48055478
Conc: 33.86 ng/ml



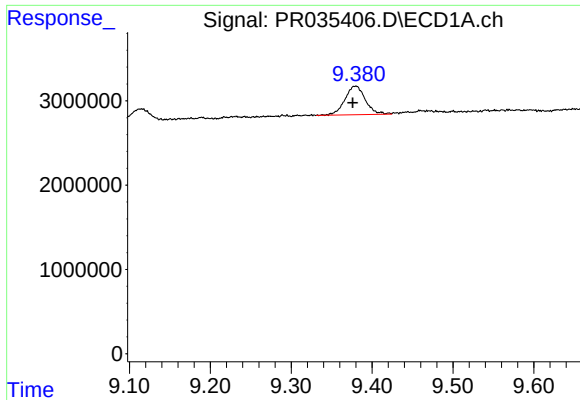
#43 AR-1268-3

R.T.: 8.960 min
Delta R.T.: 0.006 min
Response: 1246931
Conc: 2.80 ng/ml



#43 AR-1268-3

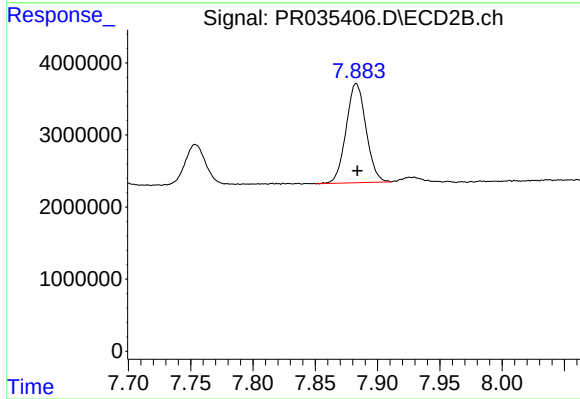
R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 3348155
Conc: 2.70 ng/ml



#44 AR-1268-4

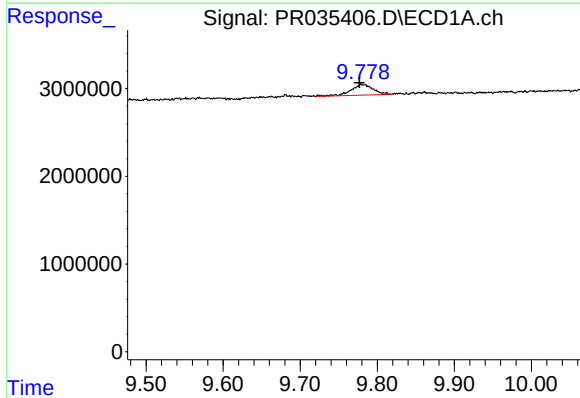
R.T.: 9.379 min
Delta R.T.: 0.003 min
Response: 5984457
Conc: 37.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS20



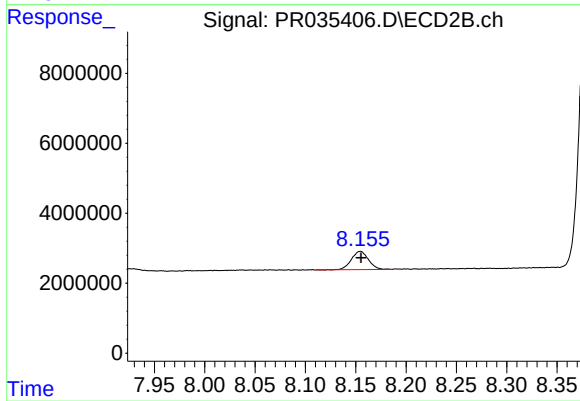
#44 AR-1268-4

R.T.: 7.883 min
Delta R.T.: 0.000 min
Response: 15292123
Conc: 33.55 ng/ml



#45 AR-1268-5

R.T.: 9.781 min
Delta R.T.: 0.004 min
Response: 2467933
Conc: 2.06 ng/ml



#45 AR-1268-5

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 6174099
Conc: 1.80 ng/ml