

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050619\
 Data File : PQ039429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2019 12:04
 Operator : AJ\SJ
 Sample : PB119459BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS59

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 00:30:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 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...	5.699	4.795	68493934	37319457	22.606	22.518
2)	SA Decachlor...	12.095	10.550	239.9E6	124.6E6	39.261	36.917
Target Compounds							
3)	L1 AR-1016-1	7.147	6.245	14489947	8116741	82.694	72.926
4)	L1 AR-1016-2	7.171	6.267	21168913	12028252	80.478	74.653
5)	L1 AR-1016-3	7.242	6.481	13086141	6338993	78.621	75.832
6)	L1 AR-1016-4	7.356	6.535	11601387	4870911	84.698	73.026
7)	L1 AR-1016-5	7.690	6.787	11622988	7300098	83.428	74.610
9)	L2 AR-1221-2	6.091	5.216	1949223	1909381	67.564	116.419 #
10)	L2 AR-1221-3	6.185	5.321	6482182	4527221	64.829	79.515
11)	L3 AR-1232-1	6.185	5.321	6482182	4527221	96.817	121.711 #
12)	L3 AR-1232-2	6.830	6.267	10024625	12028252	284.179	277.677
13)	L3 AR-1232-3	7.171	6.481	21168913	6338993	288.331	283.819
14)	L3 AR-1232-4	7.356	6.584	11601387	6721819	297.075	307.239
15)	L3 AR-1232-5	7.461	6.787	9823983	7300098	350.082	289.751
16)	L4 AR-1242-1	7.147	6.245	14489947	8116741	131.358	116.954
17)	L4 AR-1242-2	7.171	6.267	21168913	12028252	128.664	120.554
18)	L4 AR-1242-3	7.242	6.481	13086141	6338993	124.004	118.065
19)	L4 AR-1242-4	7.356	6.584	11601387	6721819	130.155	120.557
20)	L4 AR-1242-5	8.178	7.196	1810190	5771780	18.538	76.216 #
21)	L5 AR-1248-1	7.147	6.245	14489947	8116741	123.259	104.321
22)	L5 AR-1248-2	7.461	6.535	9823983	4870911	59.966	45.136
23)	L5 AR-1248-3	7.690	6.584	11622988	6721819	59.655	59.352
24)	L5 AR-1248-4	8.138	6.787	1906042	7300098	8.828	51.750 #
25)	L5 AR-1248-5	8.178	7.243	1810190	889843	8.503	6.308 #
26)	L6 AR-1254-1	8.107	7.196	9042164	5771780	44.897	29.159 #
27)	L6 AR-1254-2	8.344	7.363	9409183	5713766	29.557	32.397
28)	L6 AR-1254-3	8.739	7.827	5999803	10753538	17.605	36.027 #
29)	L6 AR-1254-4	9.041	8.060	4248176	1333625	17.950	7.684 #
30)	L6 AR-1254-5	9.479	8.506	35346782	23276496	129.656	90.740 #
31)	L7 AR-1260-1	8.912	7.952	24472190	16287446	74.355	68.944
32)	L7 AR-1260-2	9.181	8.155	28909240	20787829	73.076	70.294
33)	L7 AR-1260-3	9.557	8.320	19021186	18683009	61.861	67.035
34)	L7 AR-1260-4	9.800	8.818	23842371	14161037	65.762	59.689
35)	L7 AR-1260-5	10.147	9.070	47818269	34862978	62.806	58.290
36)	L8 AR-1262-1	9.557	8.544	19021186	14681662	55.523	53.148
37)	L8 AR-1262-2	10.147	9.070	47818269	34862978	78.351	71.247
38)	L8 AR-1262-3	10.504	9.363	31191962	6564705	74.051	35.232 #
39)	L8 AR-1262-4	10.561	9.430	17628002	25462992	51.634	70.764 #
40)	L8 AR-1262-5	11.290	9.957	13645906	7658068	60.706	50.599
41)	L9 AR-1268-1	10.504	9.363	31191962	6564705	22.421	6.241 #
42)	L9 AR-1268-2	10.561	9.430	17628002	25462992	13.126	26.244 #

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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	10.826	9.644	3882815	1369299	3.344	1.661 #
44) L9	AR-1268-4	11.290	9.957	13645906	7658068	31.873	25.601
45) L9	AR-1268-5	11.734	10.274	5993429	3464050	1.571	1.396

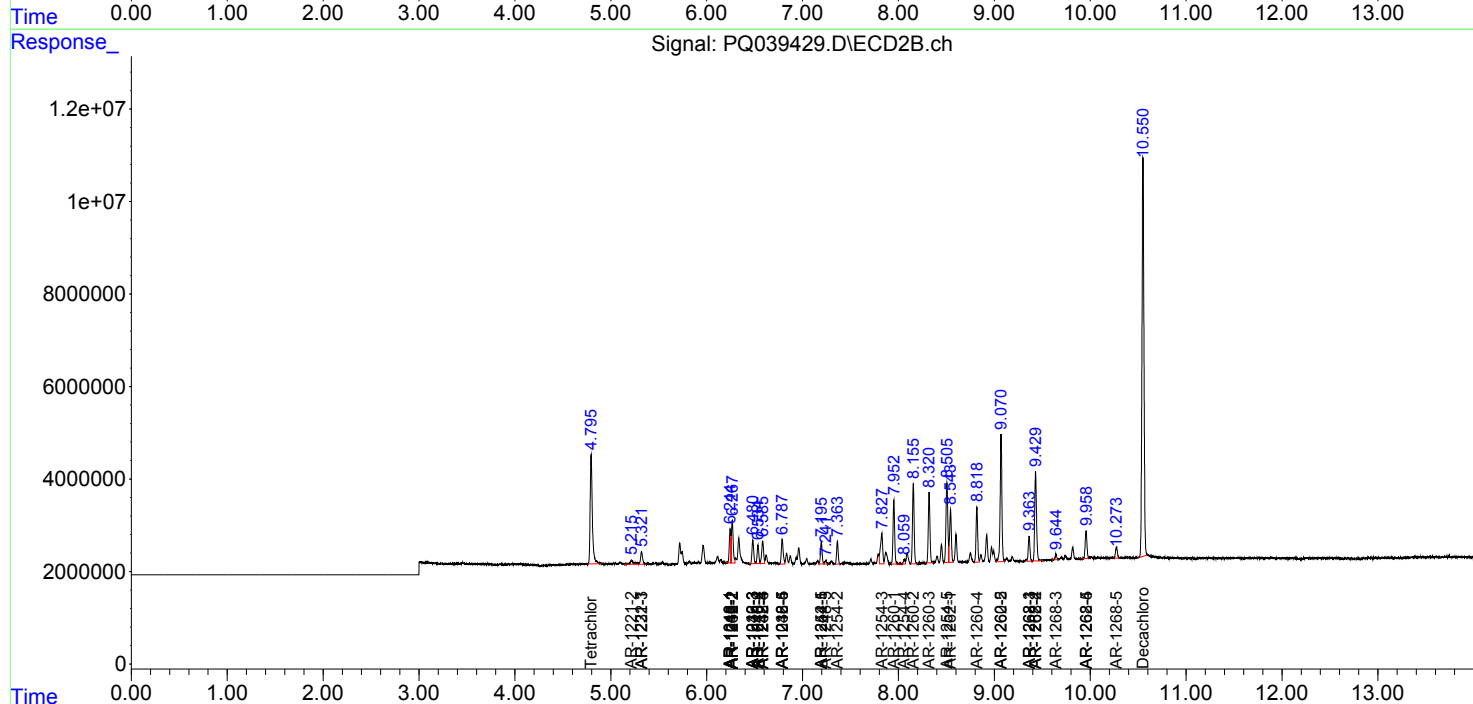
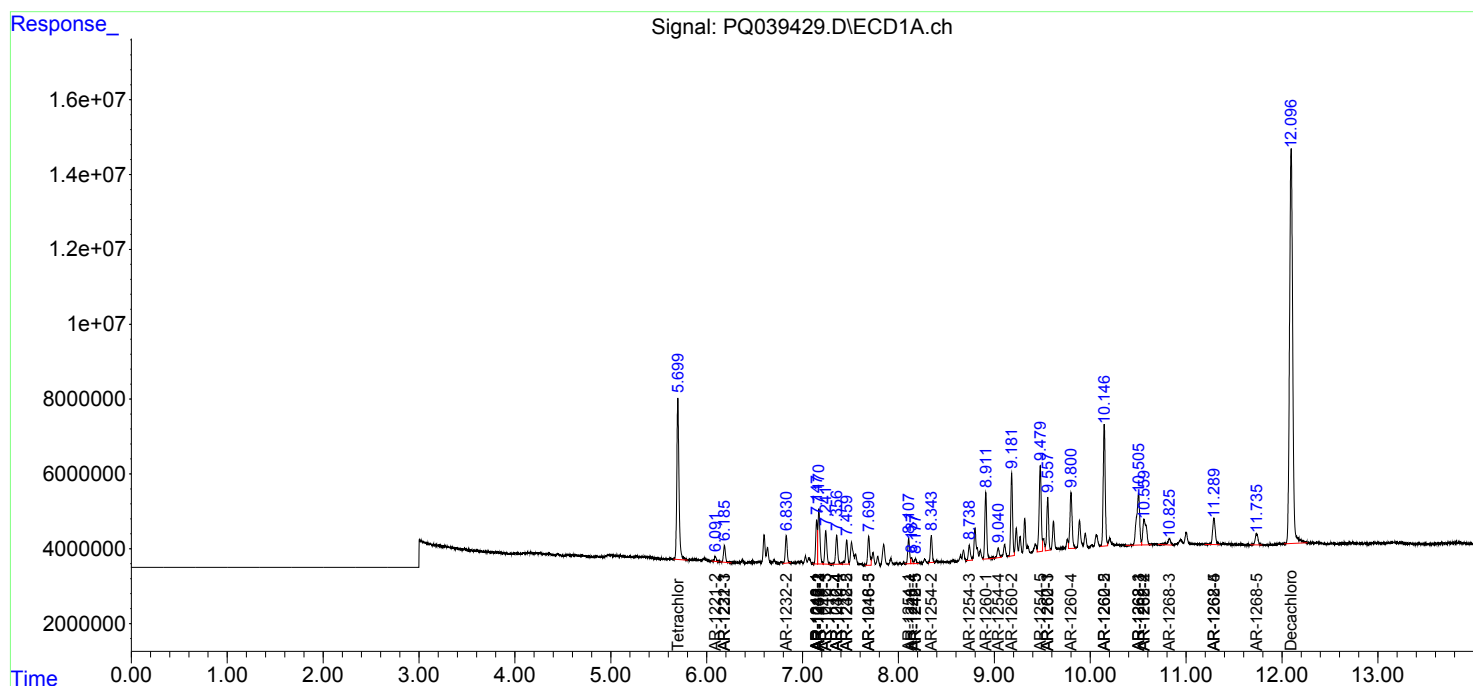
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

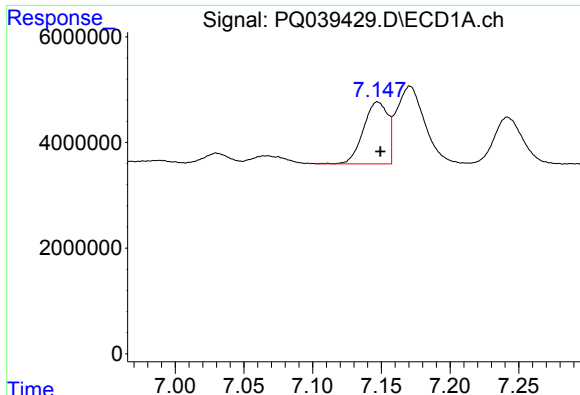
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050619\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

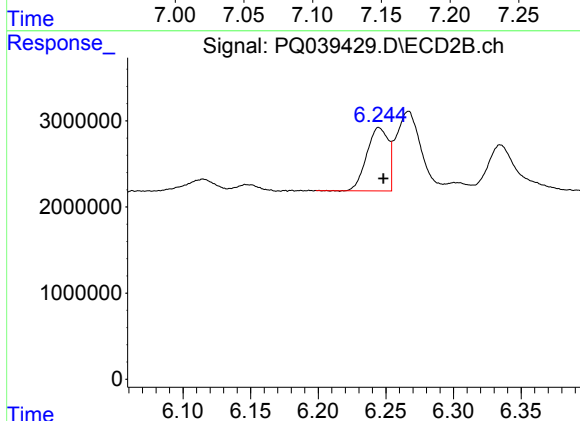




#3 AR-1016-1

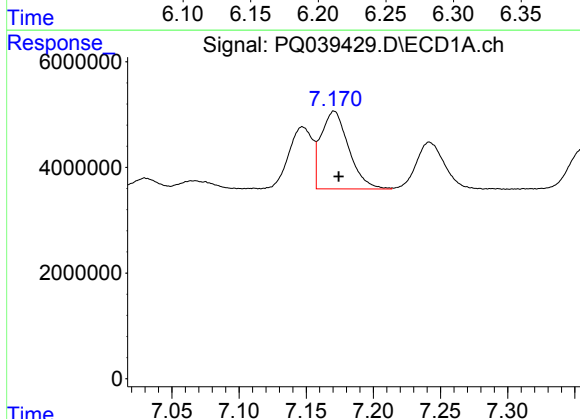
R.T.: 7.147 min
Delta R.T.: -0.002 min
Response: 14489947
Conc: 82.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



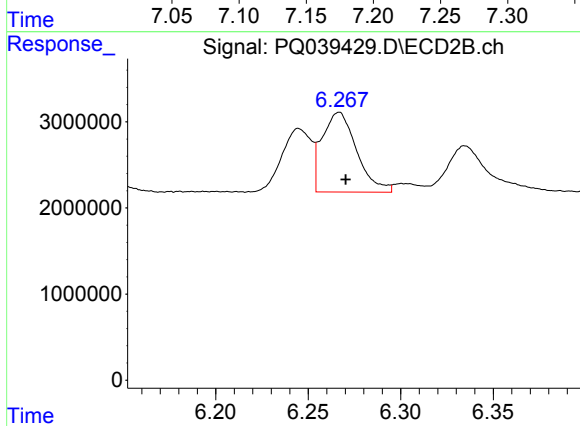
#3 AR-1016-1

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 8116741
Conc: 72.93 ng/ml



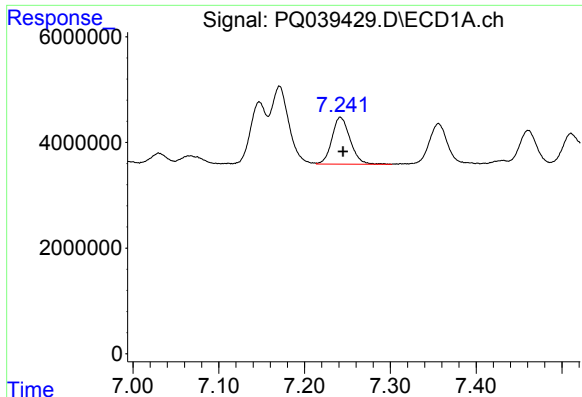
#4 AR-1016-2

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 21168913
Conc: 80.48 ng/ml



#4 AR-1016-2

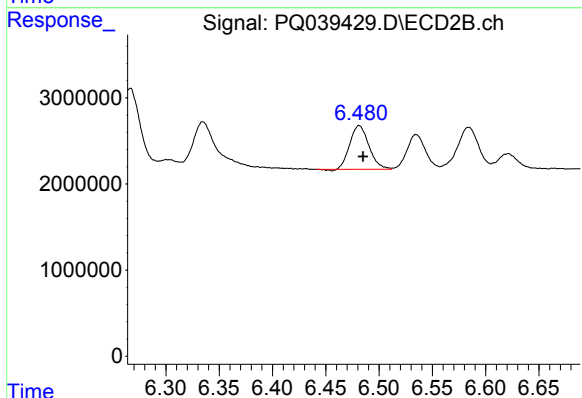
R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 12028252
Conc: 74.65 ng/ml



#5 AR-1016-3

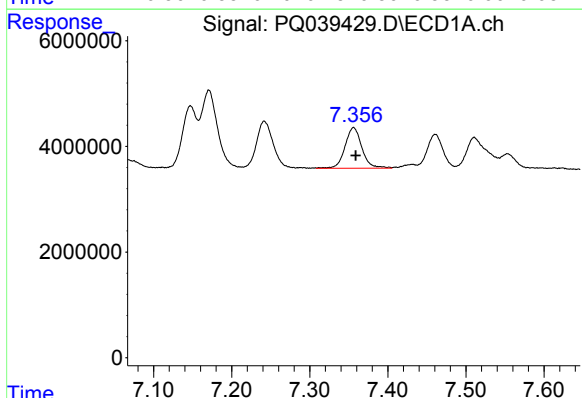
R.T.: 7.242 min
Delta R.T.: -0.003 min
Response: 13086141
Conc: 78.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



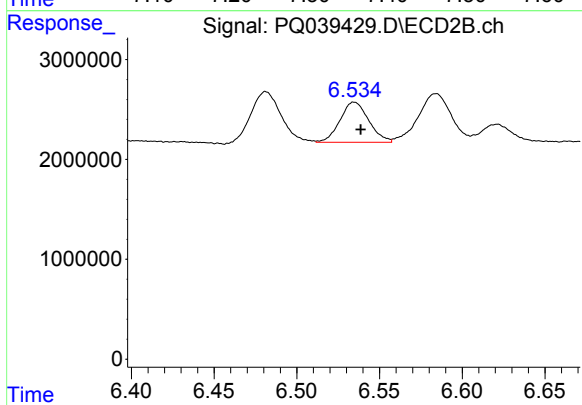
#5 AR-1016-3

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 6338993
Conc: 75.83 ng/ml



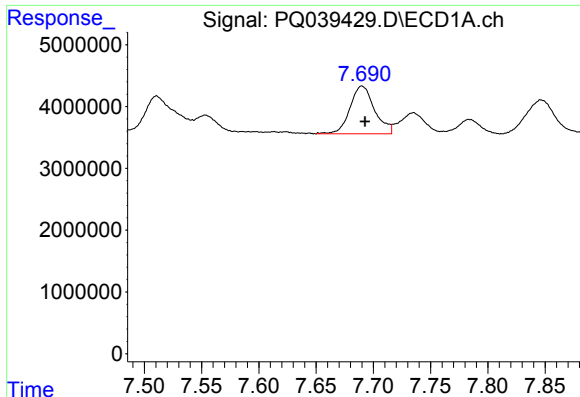
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 11601387
Conc: 84.70 ng/ml



#6 AR-1016-4

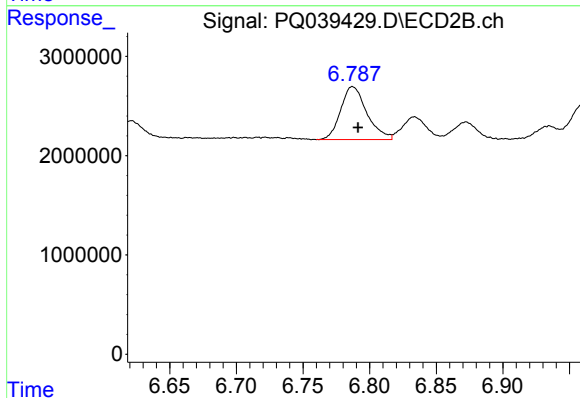
R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 4870911
Conc: 73.03 ng/ml



#7 AR-1016-5

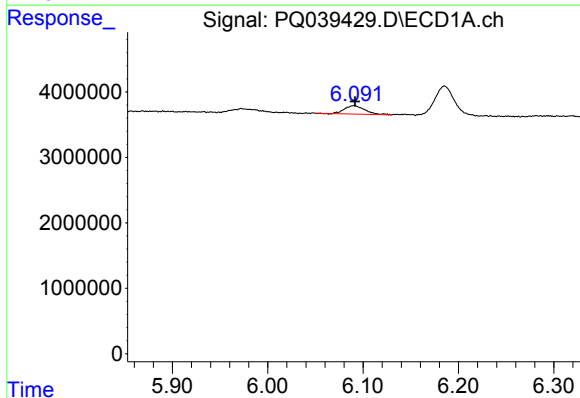
R.T.: 7.690 min
Delta R.T.: -0.003 min
Response: 11622988
Conc: 83.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



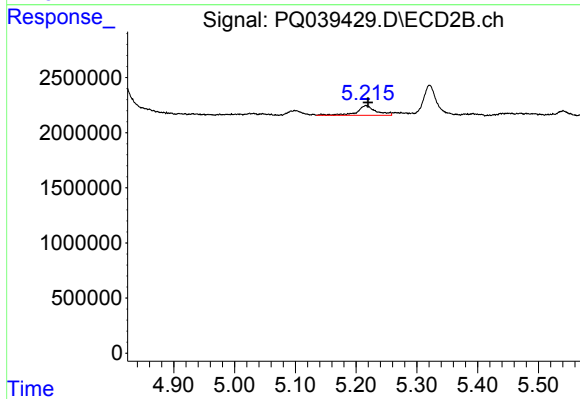
#7 AR-1016-5

R.T.: 6.787 min
Delta R.T.: -0.004 min
Response: 7300098
Conc: 74.61 ng/ml



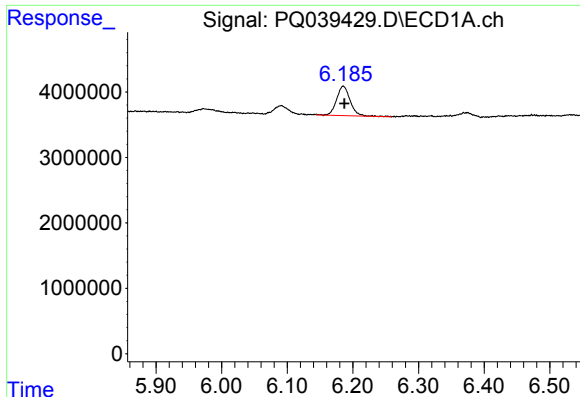
#9 AR-1221-2

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 1949223
Conc: 67.56 ng/ml



#9 AR-1221-2

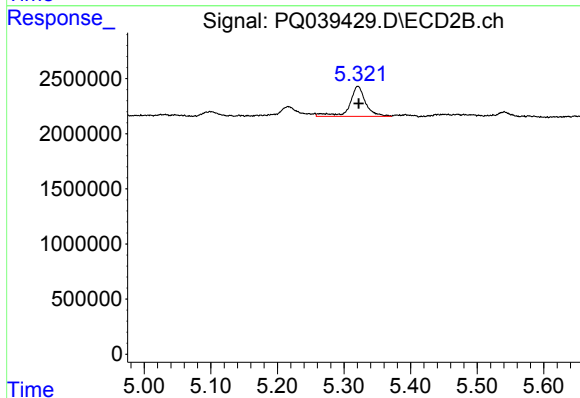
R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 1909381
Conc: 116.42 ng/ml



#10 AR-1221-3

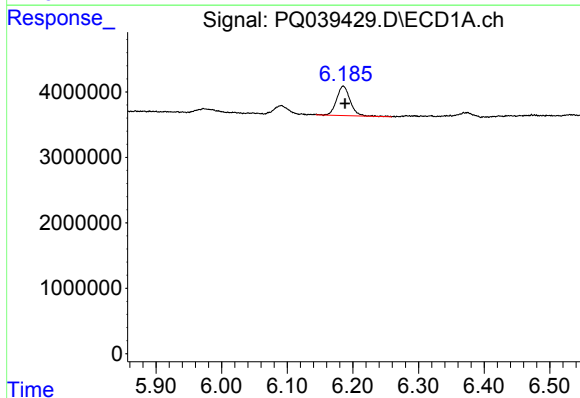
R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 6482182
Conc: 64.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



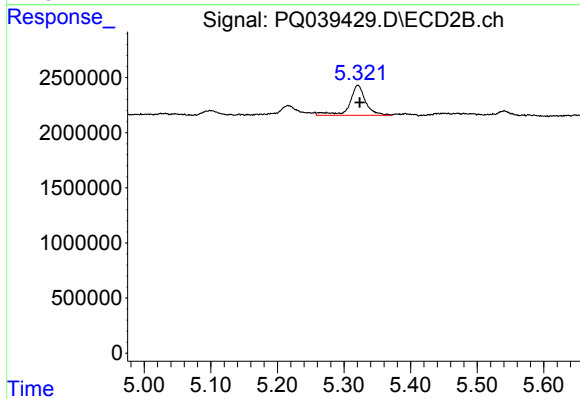
#10 AR-1221-3

R.T.: 5.321 min
Delta R.T.: -0.001 min
Response: 4527221
Conc: 79.51 ng/ml



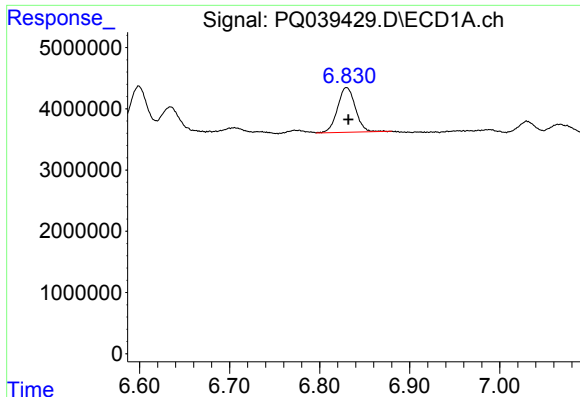
#11 AR-1232-1

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 6482182
Conc: 96.82 ng/ml



#11 AR-1232-1

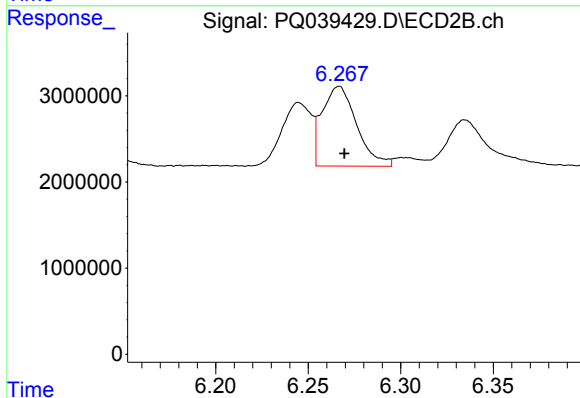
R.T.: 5.321 min
Delta R.T.: -0.003 min
Response: 4527221
Conc: 121.71 ng/ml



#12 AR-1232-2

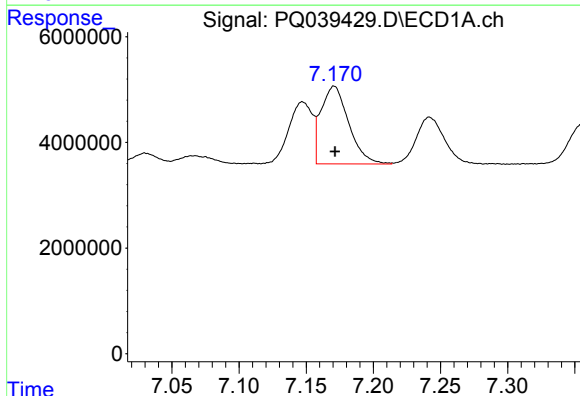
R.T.: 6.830 min
Delta R.T.: -0.002 min
Response: 10024625
Conc: 284.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



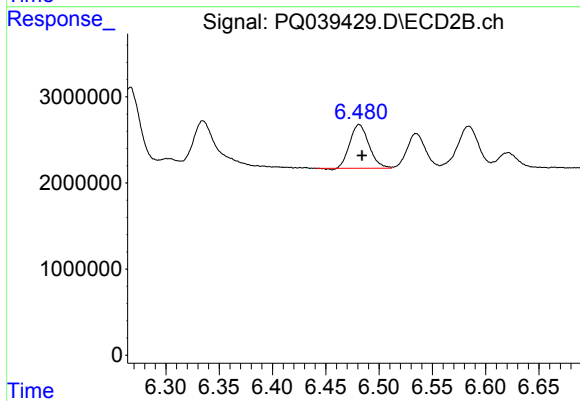
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 12028252
Conc: 277.68 ng/ml



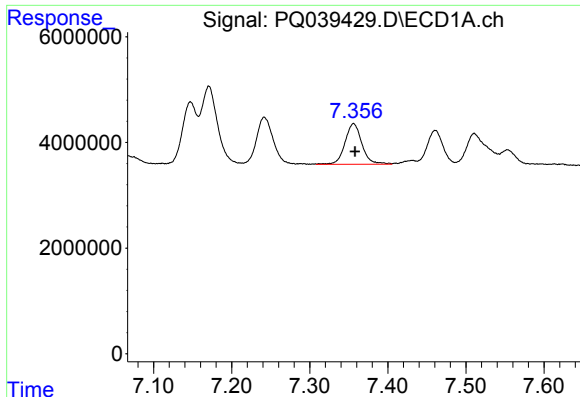
#13 AR-1232-3

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 21168913
Conc: 288.33 ng/ml



#13 AR-1232-3

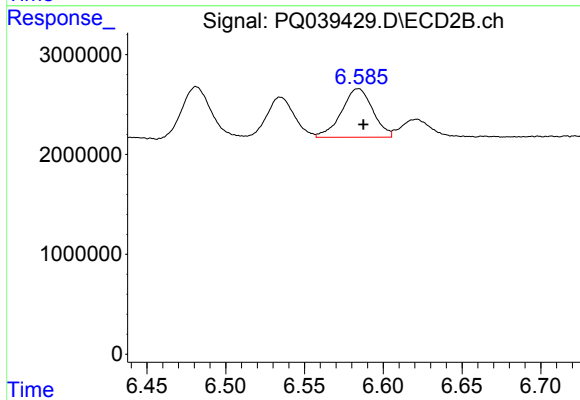
R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 6338993
Conc: 283.82 ng/ml



#14 AR-1232-4

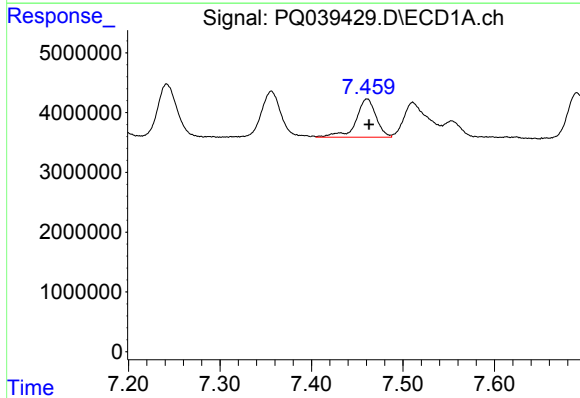
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 11601387
Conc: 297.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



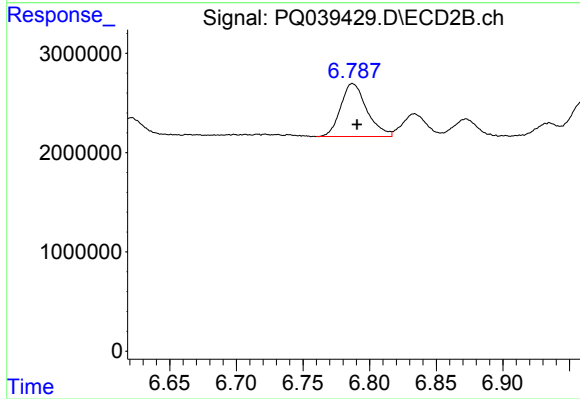
#14 AR-1232-4

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 6721819
Conc: 307.24 ng/ml



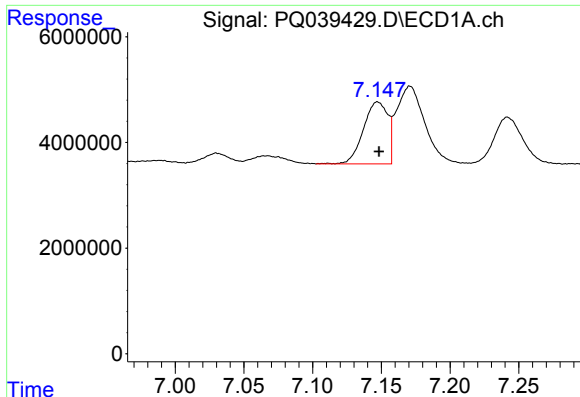
#15 AR-1232-5

R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 9823983
Conc: 350.08 ng/ml



#15 AR-1232-5

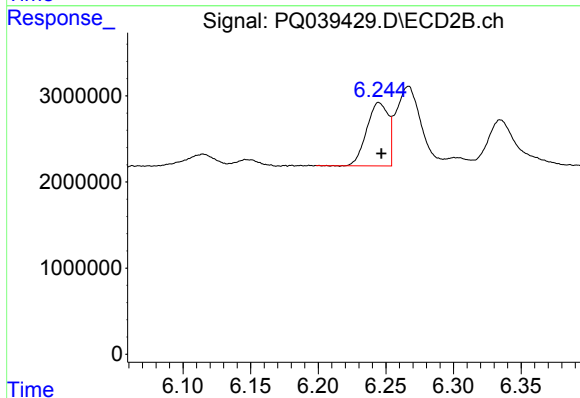
R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 7300098
Conc: 289.75 ng/ml



#16 AR-1242-1

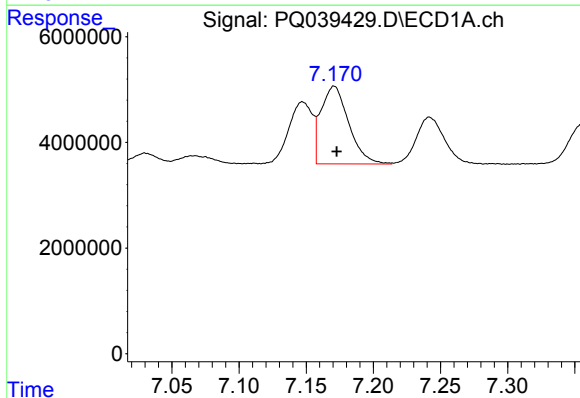
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 14489947
Conc: 131.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



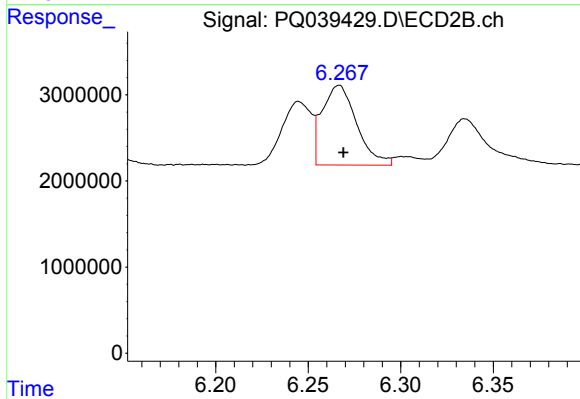
#16 AR-1242-1

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 8116741
Conc: 116.95 ng/ml



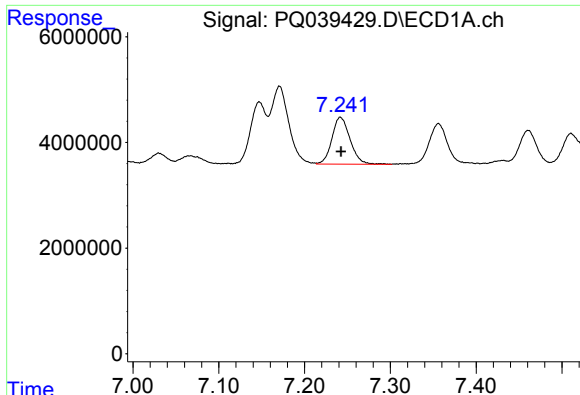
#17 AR-1242-2

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 21168913
Conc: 128.66 ng/ml



#17 AR-1242-2

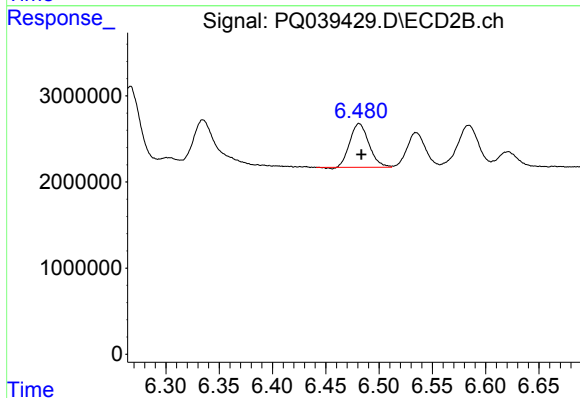
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 12028252
Conc: 120.55 ng/ml



#18 AR-1242-3

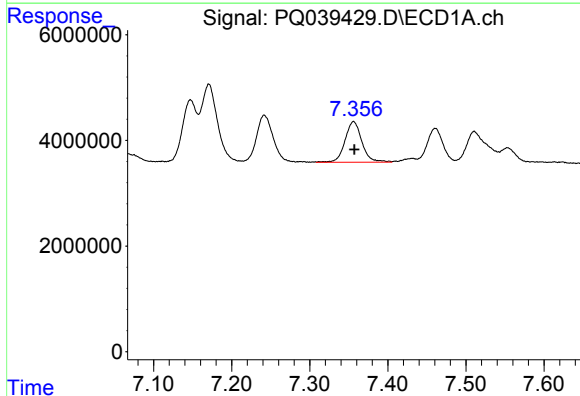
R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 13086141
Conc: 124.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



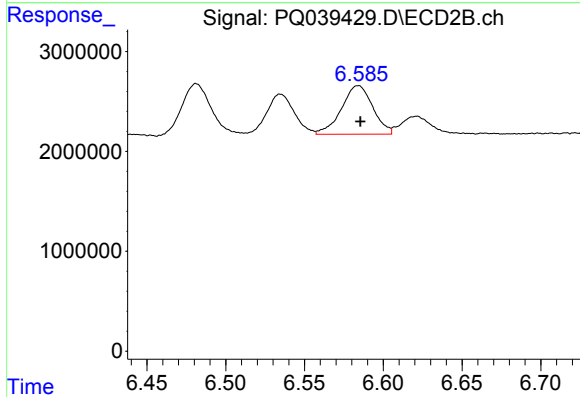
#18 AR-1242-3

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 6338993
Conc: 118.07 ng/ml



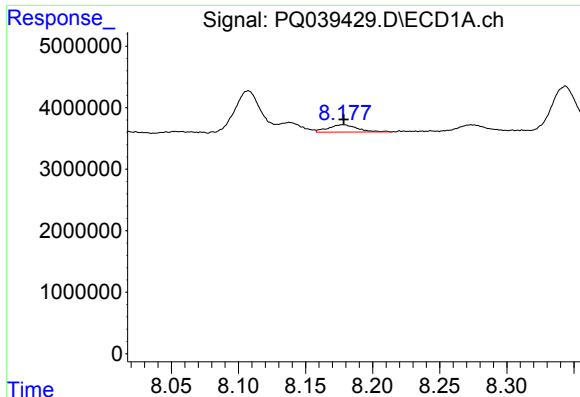
#19 AR-1242-4

R.T.: 7.356 min
Delta R.T.: -0.001 min
Response: 11601387
Conc: 130.16 ng/ml



#19 AR-1242-4

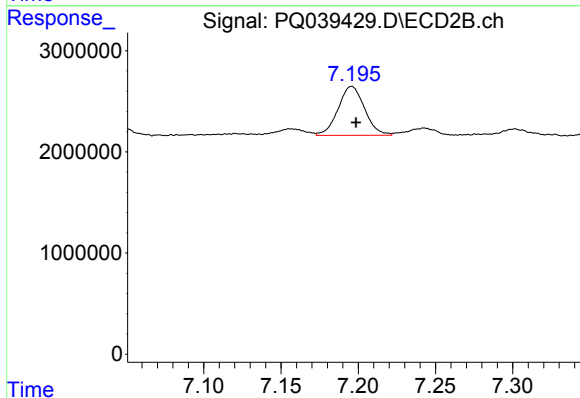
R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 6721819
Conc: 120.56 ng/ml



#20 AR-1242-5

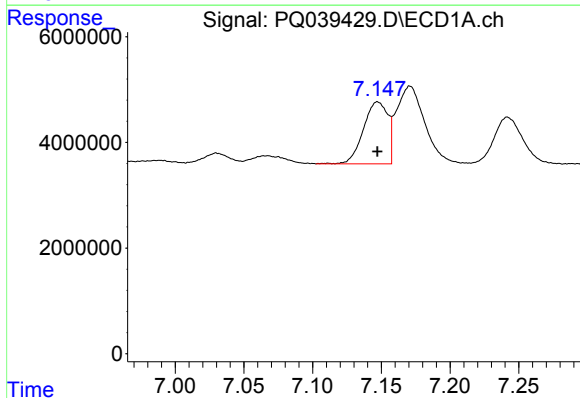
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 1810190
Conc: 18.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



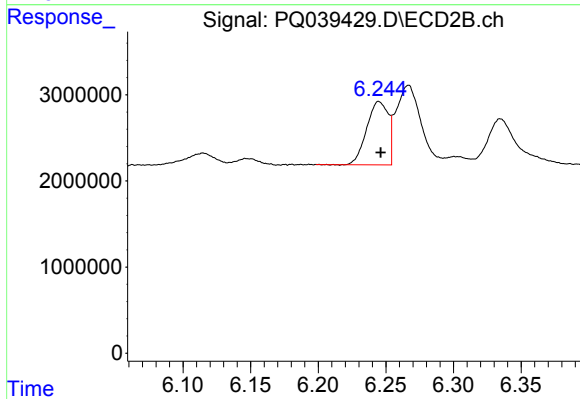
#20 AR-1242-5

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 5771780
Conc: 76.22 ng/ml



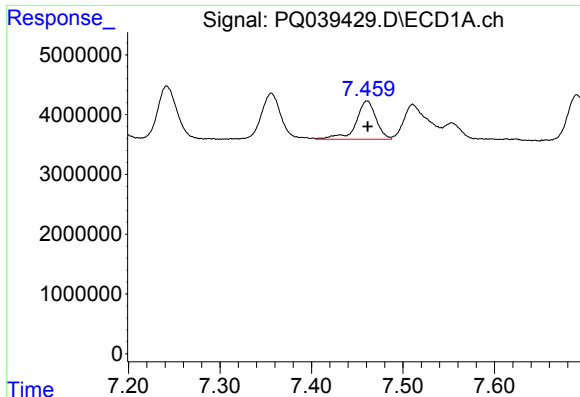
#21 AR-1248-1

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 14489947
Conc: 123.26 ng/ml



#21 AR-1248-1

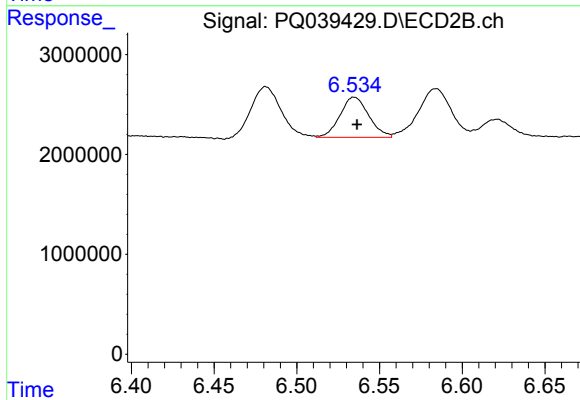
R.T.: 6.245 min
Delta R.T.: -0.001 min
Response: 8116741
Conc: 104.32 ng/ml



#22 AR-1248-2

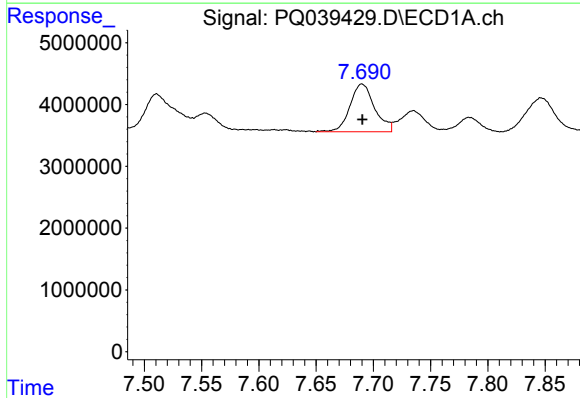
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 9823983
Conc: 59.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



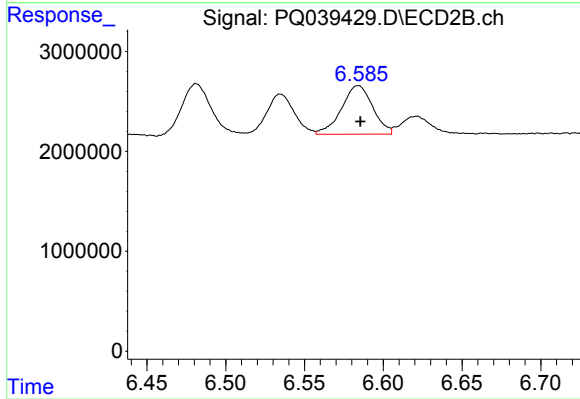
#22 AR-1248-2

R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 4870911
Conc: 45.14 ng/ml



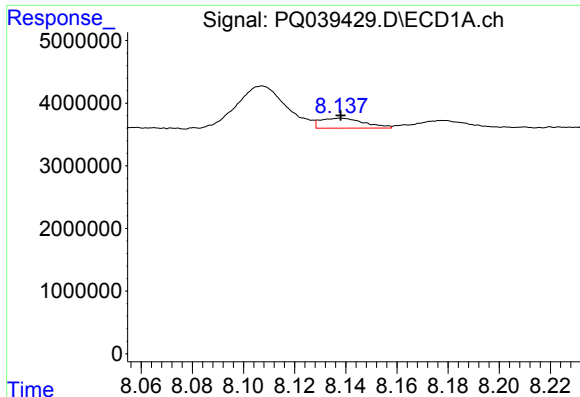
#23 AR-1248-3

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 11622988
Conc: 59.65 ng/ml



#23 AR-1248-3

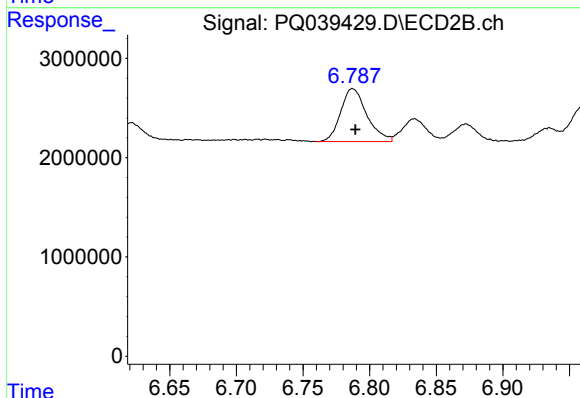
R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 6721819
Conc: 59.35 ng/ml



#24 AR-1248-4

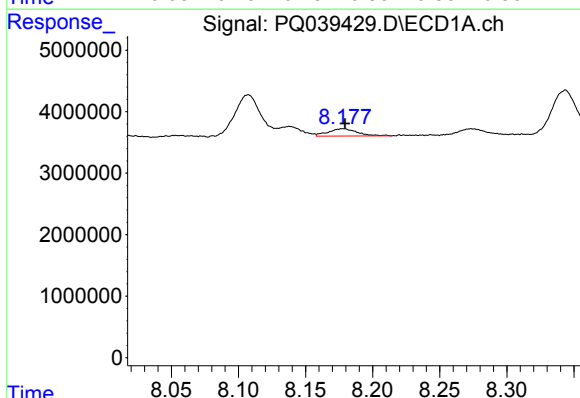
R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1906042
Conc: 8.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



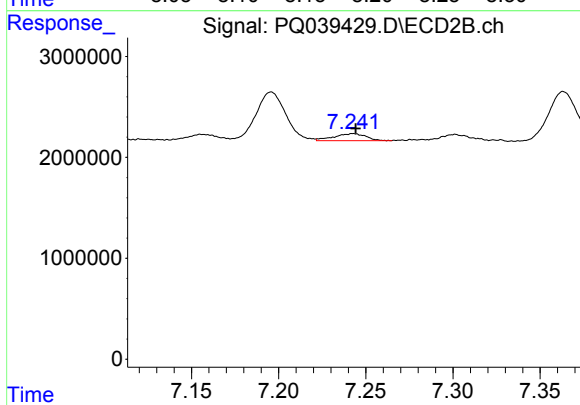
#24 AR-1248-4

R.T.: 6.787 min
Delta R.T.: -0.002 min
Response: 7300098
Conc: 51.75 ng/ml



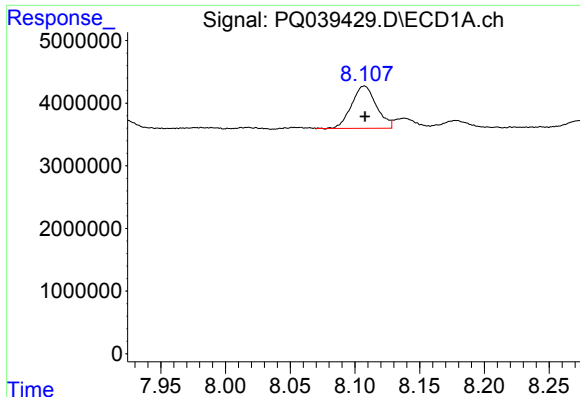
#25 AR-1248-5

R.T.: 8.178 min
Delta R.T.: -0.001 min
Response: 1810190
Conc: 8.50 ng/ml



#25 AR-1248-5

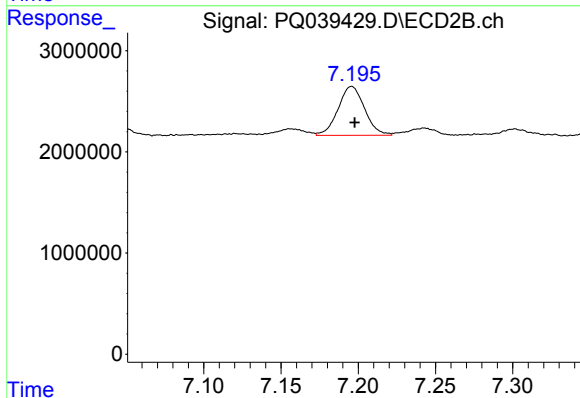
R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 889843
Conc: 6.31 ng/ml



#26 AR-1254-1

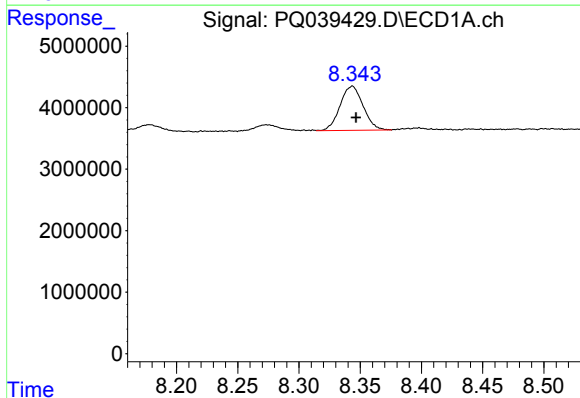
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 9042164
Conc: 44.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



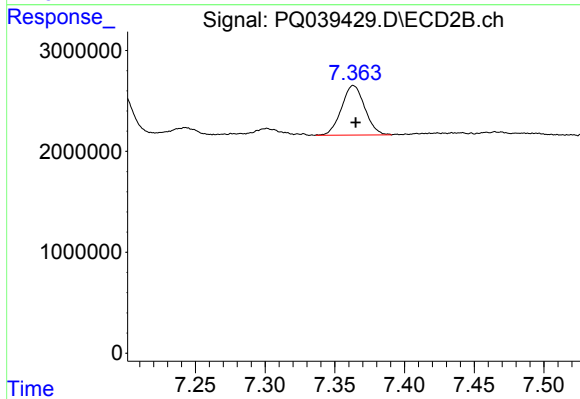
#26 AR-1254-1

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 5771780
Conc: 29.16 ng/ml



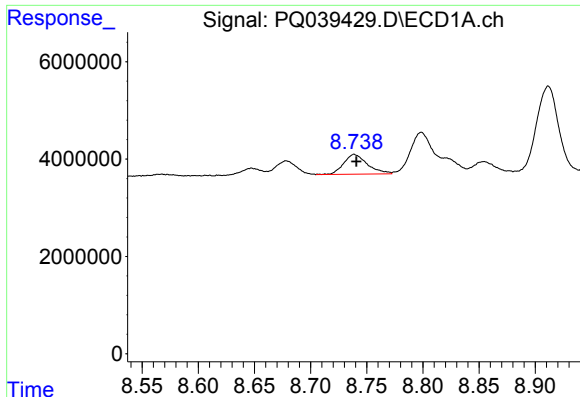
#27 AR-1254-2

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 9409183
Conc: 29.56 ng/ml



#27 AR-1254-2

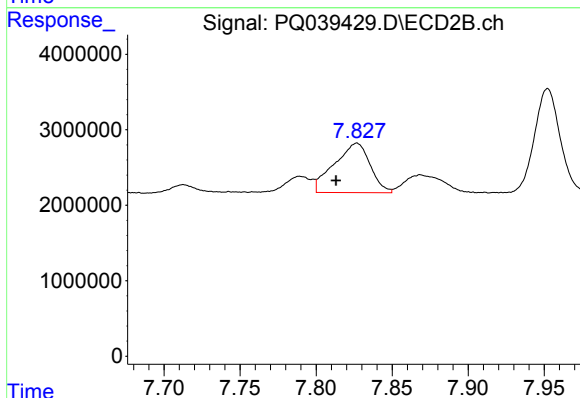
R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 5713766
Conc: 32.40 ng/ml



#28 AR-1254-3

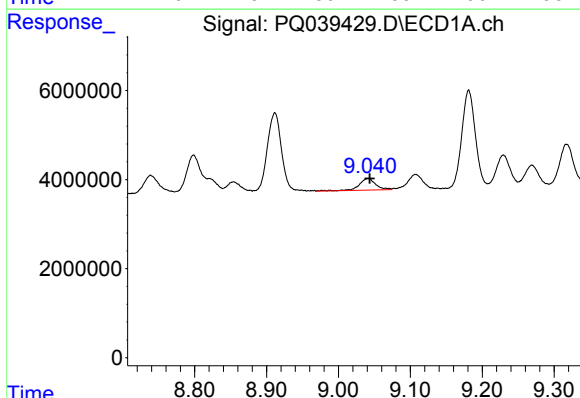
R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 5999803
Conc: 17.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



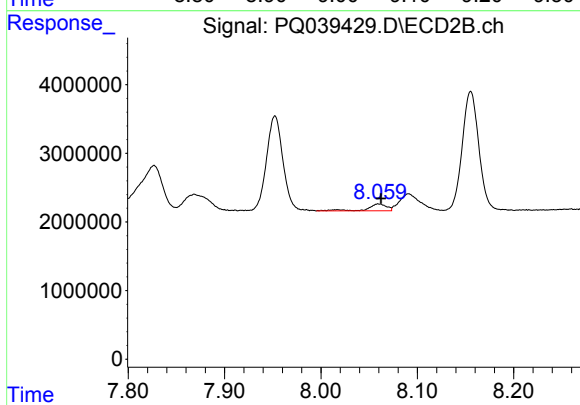
#28 AR-1254-3

R.T.: 7.827 min
Delta R.T.: 0.014 min
Response: 10753538
Conc: 36.03 ng/ml



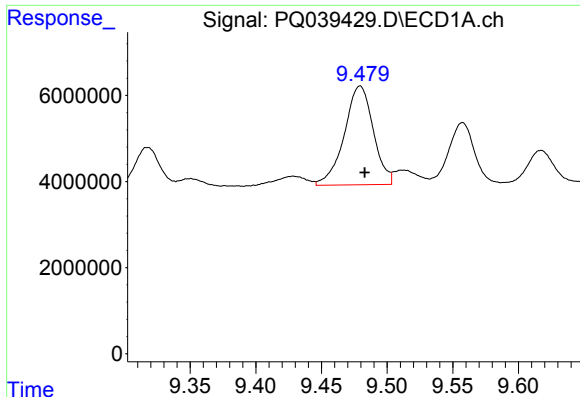
#29 AR-1254-4

R.T.: 9.041 min
Delta R.T.: -0.002 min
Response: 4248176
Conc: 17.95 ng/ml



#29 AR-1254-4

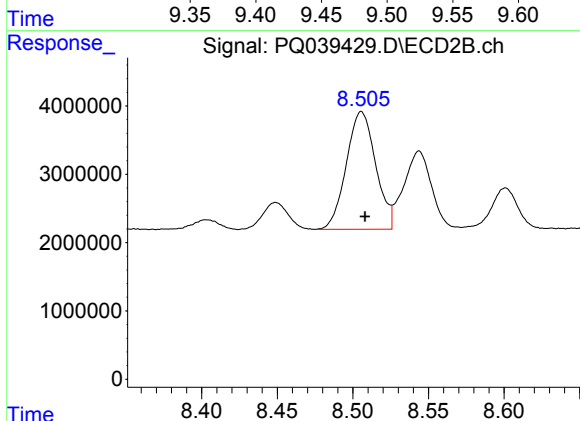
R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 1333625
Conc: 7.68 ng/ml



#30 AR-1254-5

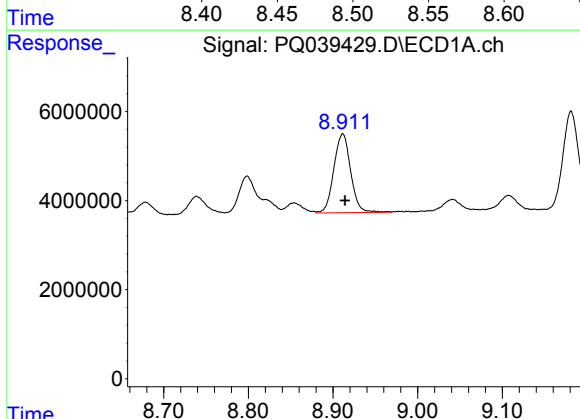
R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 35346782
Conc: 129.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



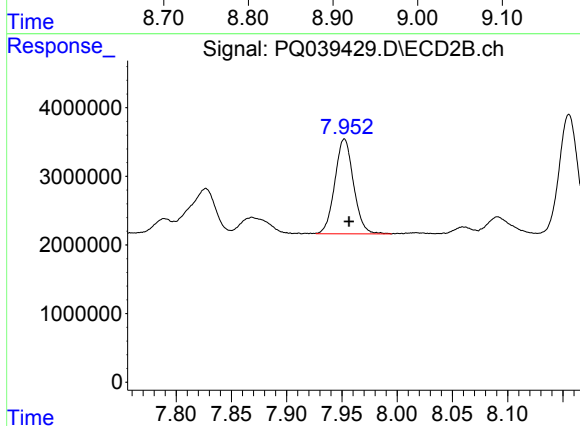
#30 AR-1254-5

R.T.: 8.506 min
Delta R.T.: -0.002 min
Response: 23276496
Conc: 90.74 ng/ml



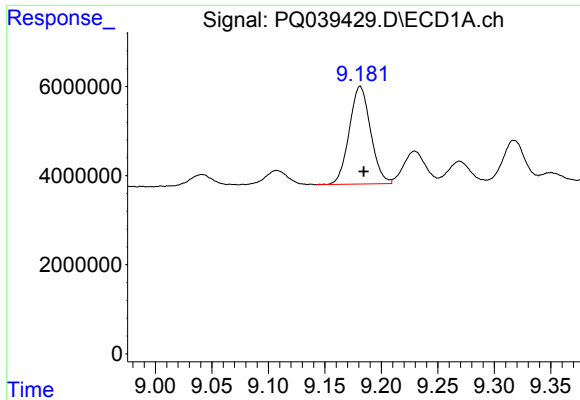
#31 AR-1260-1

R.T.: 8.912 min
Delta R.T.: -0.002 min
Response: 24472190
Conc: 74.36 ng/ml



#31 AR-1260-1

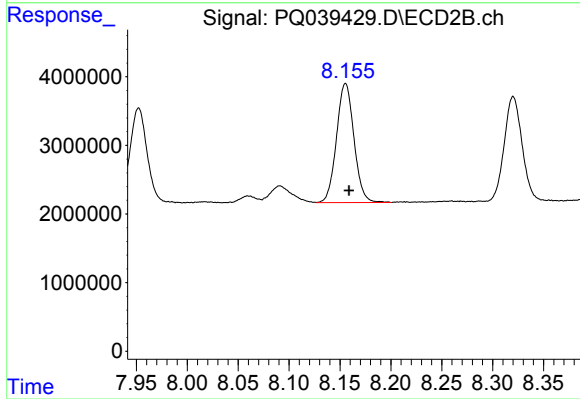
R.T.: 7.952 min
Delta R.T.: -0.004 min
Response: 16287446
Conc: 68.94 ng/ml



#32 AR-1260-2

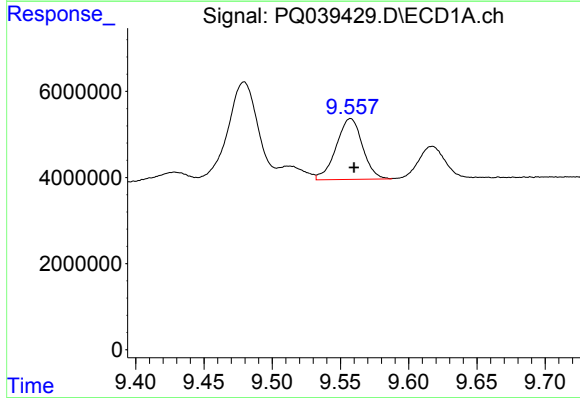
R.T.: 9.181 min
Delta R.T.: -0.003 min
Response: 28909240
Conc: 73.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



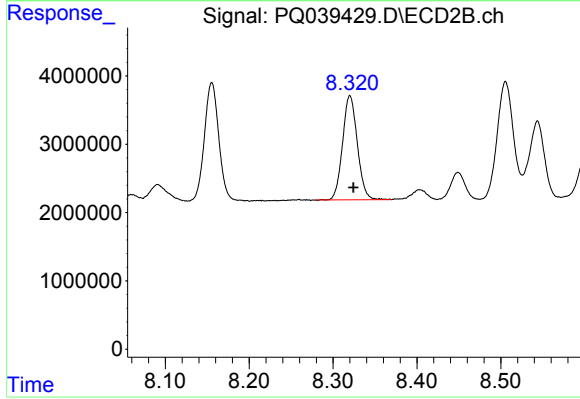
#32 AR-1260-2

R.T.: 8.155 min
Delta R.T.: -0.004 min
Response: 20787829
Conc: 70.29 ng/ml



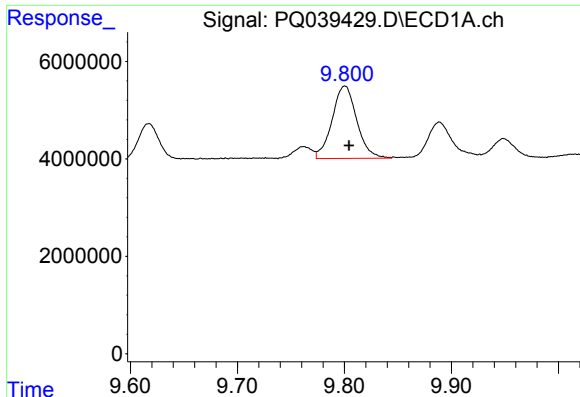
#33 AR-1260-3

R.T.: 9.557 min
Delta R.T.: -0.003 min
Response: 19021186
Conc: 61.86 ng/ml



#33 AR-1260-3

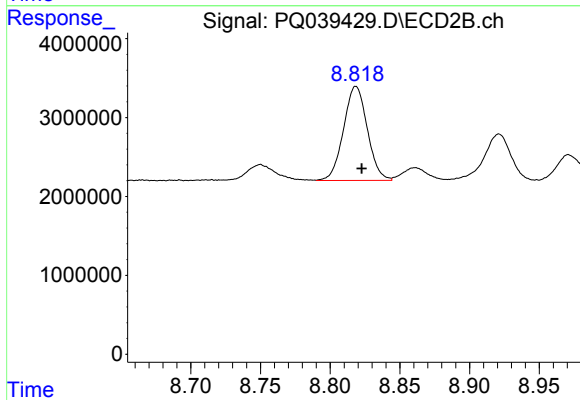
R.T.: 8.320 min
Delta R.T.: -0.004 min
Response: 18683009
Conc: 67.04 ng/ml



#34 AR-1260-4

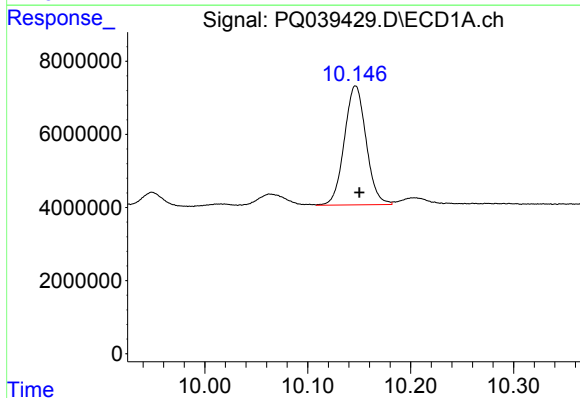
R.T.: 9.800 min
Delta R.T.: -0.004 min
Response: 23842371
Conc: 65.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



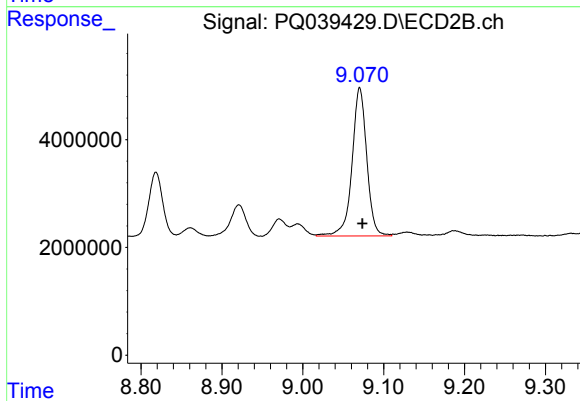
#34 AR-1260-4

R.T.: 8.818 min
Delta R.T.: -0.004 min
Response: 14161037
Conc: 59.69 ng/ml



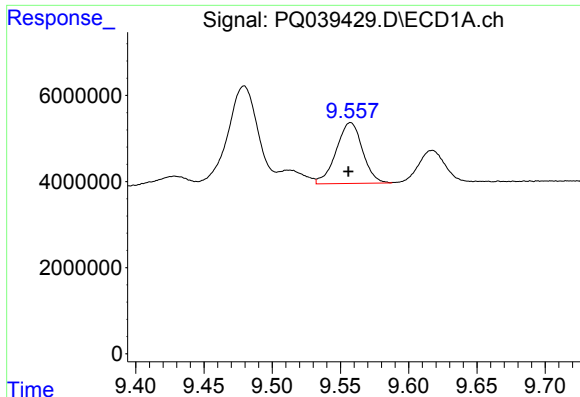
#35 AR-1260-5

R.T.: 10.147 min
Delta R.T.: -0.004 min
Response: 47818269
Conc: 62.81 ng/ml



#35 AR-1260-5

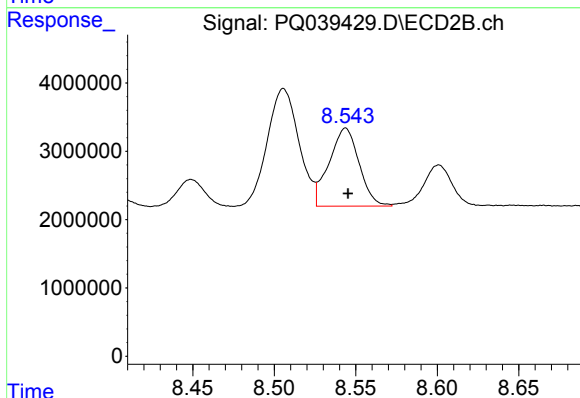
R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 34862978
Conc: 58.29 ng/ml



#36 AR-1262-1

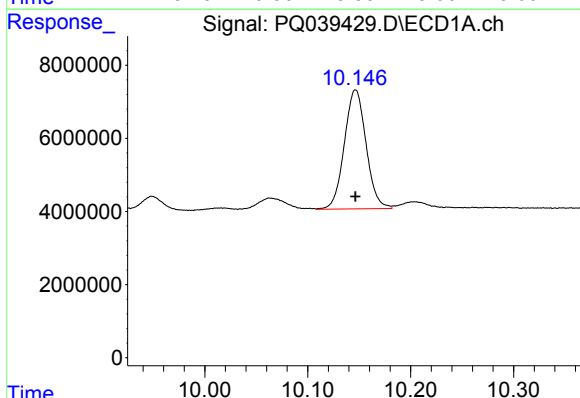
R.T.: 9.557 min
Delta R.T.: 0.002 min
Response: 19021186
Conc: 55.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



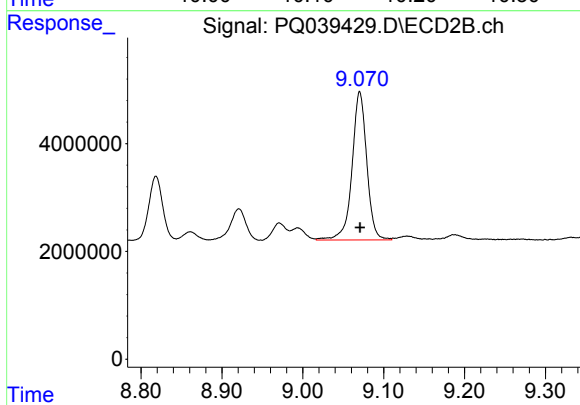
#36 AR-1262-1

R.T.: 8.544 min
Delta R.T.: -0.001 min
Response: 14681662
Conc: 53.15 ng/ml



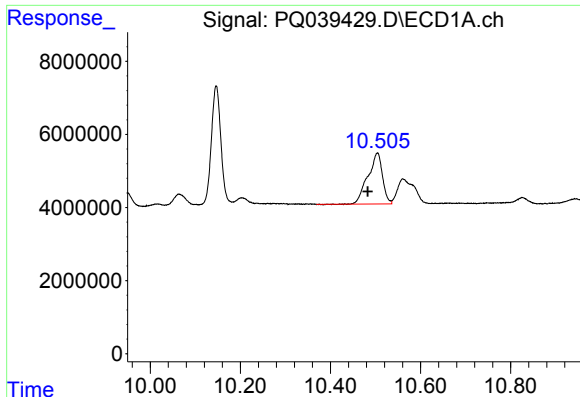
#37 AR-1262-2

R.T.: 10.147 min
Delta R.T.: 0.000 min
Response: 47818269
Conc: 78.35 ng/ml



#37 AR-1262-2

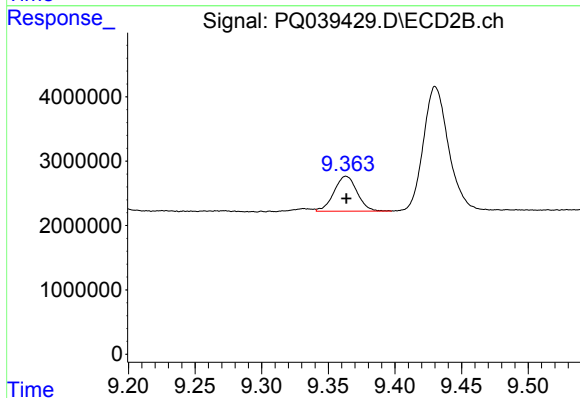
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 34862978
Conc: 71.25 ng/ml



#38 AR-1262-3

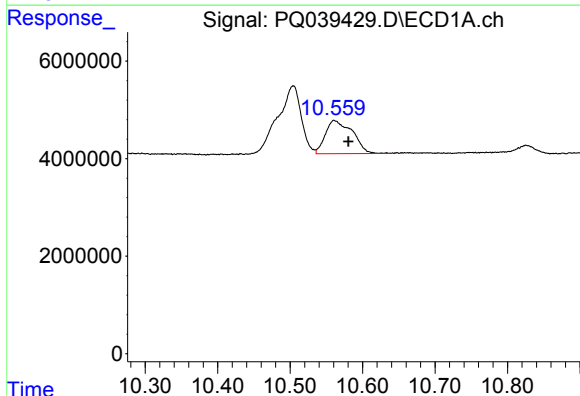
R.T.: 10.504 min
Delta R.T.: 0.022 min
Response: 31191962
Conc: 74.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



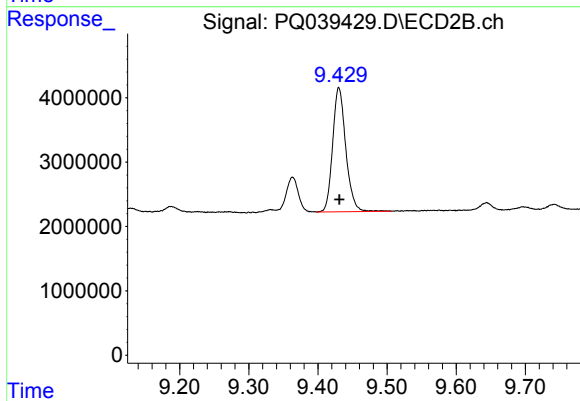
#38 AR-1262-3

R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 6564705
Conc: 35.23 ng/ml



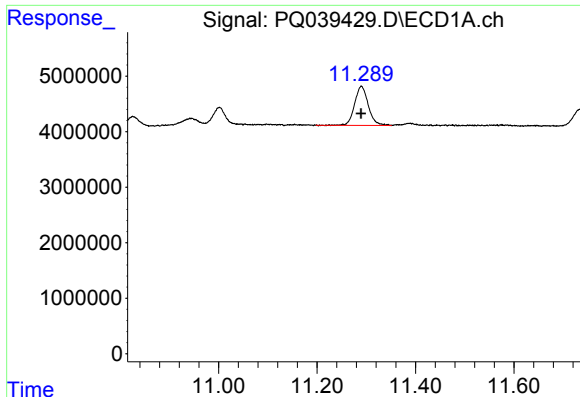
#39 AR-1262-4

R.T.: 10.561 min
Delta R.T.: -0.020 min
Response: 17628002
Conc: 51.63 ng/ml



#39 AR-1262-4

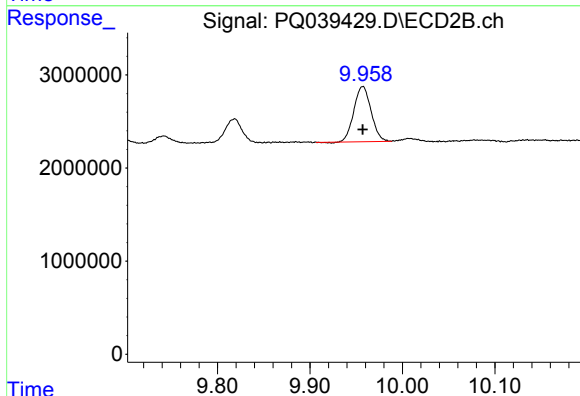
R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 25462992
Conc: 70.76 ng/ml



#40 AR-1262-5

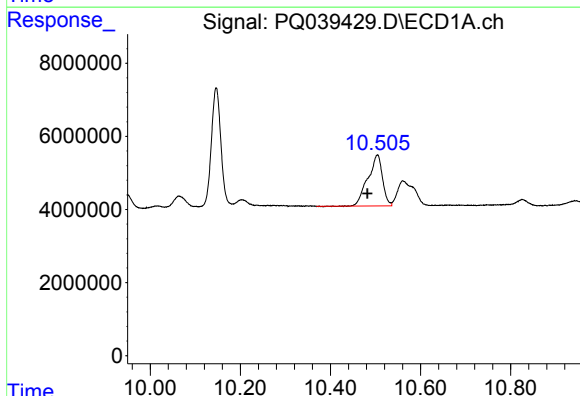
R.T.: 11.290 min
Delta R.T.: 0.000 min
Response: 13645906
Conc: 60.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



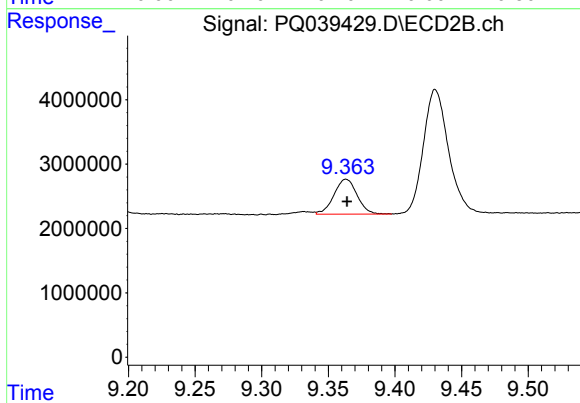
#40 AR-1262-5

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 7658068
Conc: 50.60 ng/ml



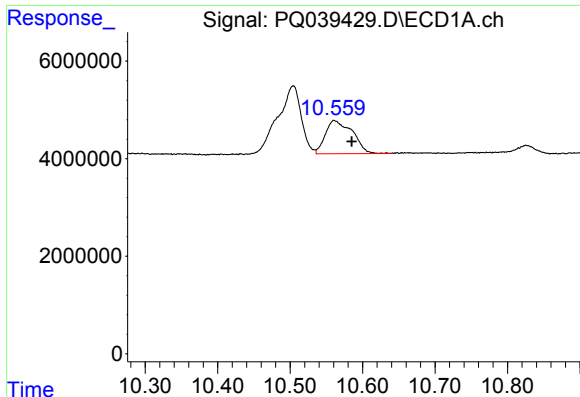
#41 AR-1268-1

R.T.: 10.504 min
Delta R.T.: 0.022 min
Response: 31191962
Conc: 22.42 ng/ml



#41 AR-1268-1

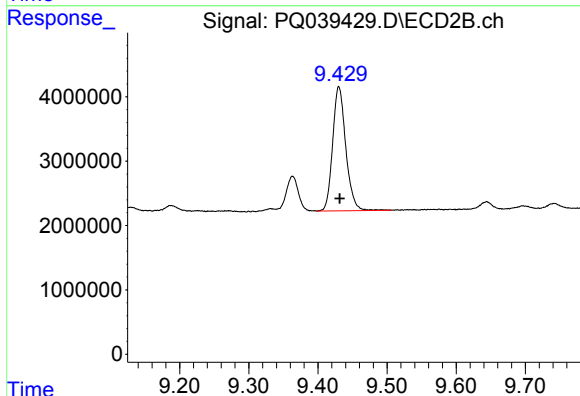
R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 6564705
Conc: 6.24 ng/ml



#42 AR-1268-2

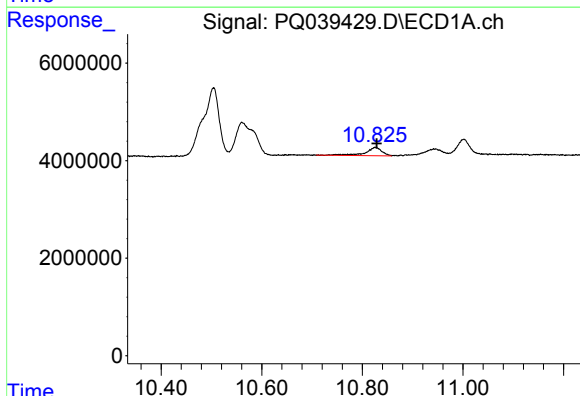
R.T.: 10.561 min
Delta R.T.: -0.024 min
Response: 17628002
Conc: 13.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



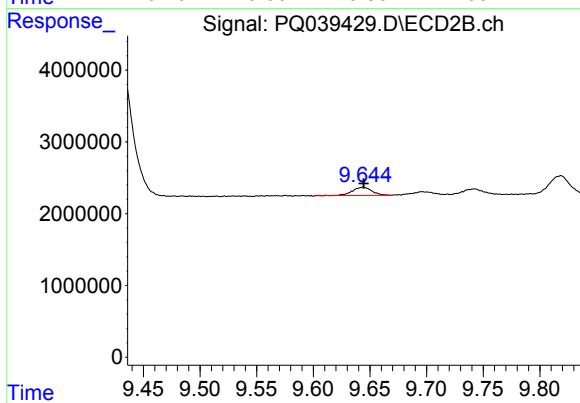
#42 AR-1268-2

R.T.: 9.430 min
Delta R.T.: -0.001 min
Response: 25462992
Conc: 26.24 ng/ml



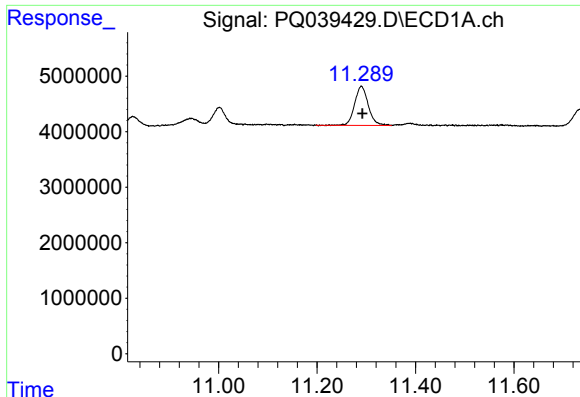
#43 AR-1268-3

R.T.: 10.826 min
Delta R.T.: -0.003 min
Response: 3882815
Conc: 3.34 ng/ml



#43 AR-1268-3

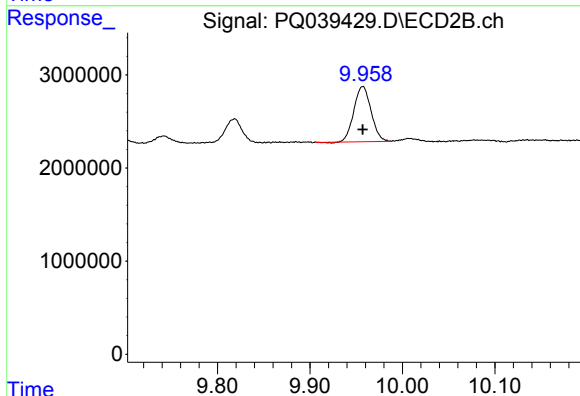
R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 1369299
Conc: 1.66 ng/ml



#44 AR-1268-4

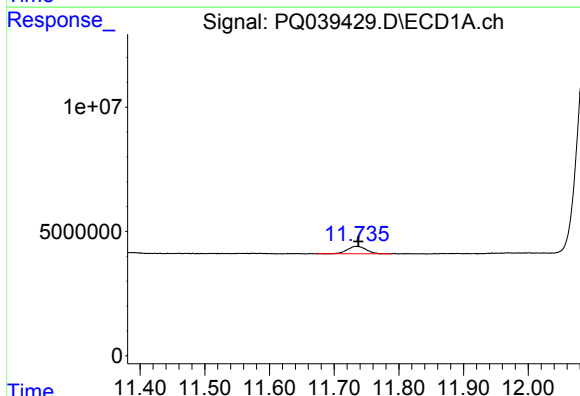
R.T.: 11.290 min
Delta R.T.: -0.002 min
Response: 13645906
Conc: 31.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS59



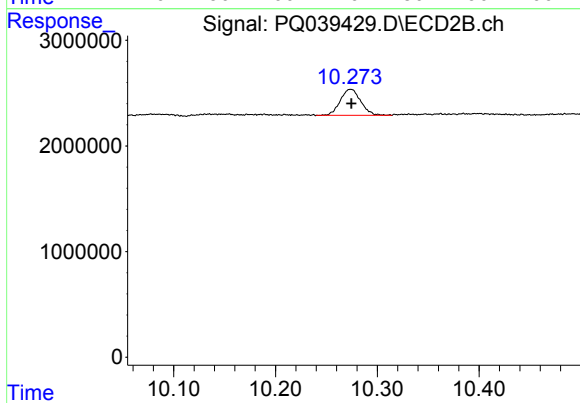
#44 AR-1268-4

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 7658068
Conc: 25.60 ng/ml



#45 AR-1268-5

R.T.: 11.734 min
Delta R.T.: -0.003 min
Response: 5993429
Conc: 1.57 ng/ml



#45 AR-1268-5

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 3464050
Conc: 1.40 ng/ml