

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
 Data File : PQ031163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 06:11
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 12:20:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.605	3.888	40406969	38794555	20.326	19.965
2)	SA Decachlor...	10.464	8.975	66097371	75953097	33.236	34.459
Target Compounds							
3)	L1 AR-1016-1	5.318	4.572	19899068	20197294	402.168	403.209
4)	L1 AR-1016-2	5.515	4.989	19948738	31110855	400.601	427.814
5)	L1 AR-1016-3	5.783	5.009	29074612	43382971	407.679	401.593
6)	L1 AR-1016-4	5.869	5.066	26659083	28583098	396.213	398.479
7)	L1 AR-1016-5	6.262	5.443	22150488	24086775	389.665	377.323
8)	L2 AR-1221-1	4.809	4.104	2438429	2180465	106.946	93.551
9)	L2 AR-1221-2	4.902	4.193	3170382	3037191	164.100	169.872
10)	L2 AR-1221-3	4.981	4.270	13994665	13852229	236.835	220.739
11)	L3 AR-1232-1	5.806	4.768	42872495	20828500	951.548	957.899
12)	L3 AR-1232-2	5.968	5.009	20567079	43382971	898.395	1055.502
13)	L3 AR-1232-3	6.056	5.269	13868353	22204505	953.409	1283.387 #
14)	L3 AR-1232-4	6.666	5.594	7425880	12600867	233.808	782.061 #
15)	L3 AR-1232-5	6.707	5.838	6584310	5365054	225.753	252.016
16)	L4 AR-1242-1	5.349	4.593	11933400	11778155	560.770	550.259
17)	L4 AR-1242-2	6.102	5.188	17553666	22882747	474.178	547.465
18)	L4 AR-1242-3	6.304	5.226	9646835	17665790	515.616	539.066
19)	L4 AR-1242-4	6.348	6.040	7612666	2333336	555.799	56.527 #
20)	L4 AR-1242-5	6.405	6.040	24280796	2333336	519.533	66.498 #
21)	L5 AR-1248-1	6.056	5.226	13868353	17665790	214.275	260.880
22)	L5 AR-1248-2	6.639	5.797	21261486	24347959	305.032	178.467 #
23)	L5 AR-1248-3	6.666	5.838	7425880	5365054	81.741	57.932 #
24)	L5 AR-1248-4	6.707	6.040	6584310	2333336	75.590	29.246 #
25)	L5 AR-1248-5	6.856	6.364	17463171	42890544	303.210	594.004 #
26)	L6 AR-1254-1	6.856	5.942	17463171	17749351	109.222	125.273
27)	L6 AR-1254-2	7.140	6.260	3566175	3388887	36.246	28.340
28)	L6 AR-1254-3	7.227	6.577	11038520	3831991	61.737	21.553 #
29)	L6 AR-1254-4	7.512	6.905	5917637	6089535	45.271	56.808 #
30)	L6 AR-1254-5	7.774	6.996	22481193	70673643	224.177	320.346 #
31)	L7 AR-1260-1	7.388	6.480	44930487	52842963	358.697	355.311
32)	L7 AR-1260-2	7.644	6.665	52080282	66185706	344.998	371.381
33)	L7 AR-1260-3	7.930	6.823	60700874	59352849	337.882	345.265
34)	L7 AR-1260-4	8.237	7.295	43058162	47626926	333.657	344.384
35)	L7 AR-1260-5	8.569	7.533	82947363	113.3E6	322.042	354.213
36)	L8 AR-1262-1	7.282	6.364	29589201	42890544	371.815	359.690
37)	L8 AR-1262-2	8.062	7.086	19077650	24472685	259.193	255.311
38)	L8 AR-1262-3	8.323	7.394	20364942	26159512	230.790	271.745
39)	L8 AR-1262-4	8.971	7.819	30039365	22157576	198.846	130.880 #
40)	L8 AR-1262-5	9.676	8.391	19923936	22725296	199.808	198.700
41)	L9 AR-1268-1	8.004	7.032	37078299	50266044	505.900	572.651

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 Acq On : 15 Aug 2018 06:11
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

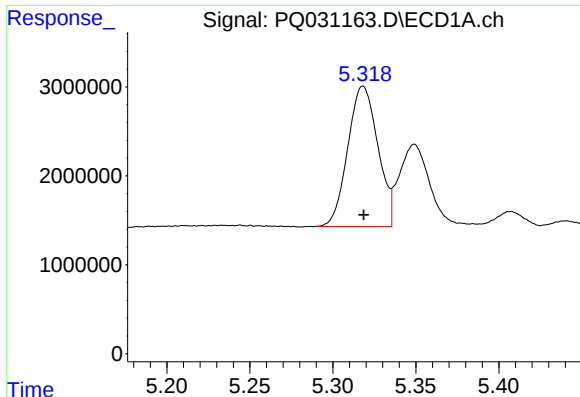
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 12:20:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.237	7.883	43058162	77332967	434.812	161.720 #
43) L9	AR-1268-3	8.913	0.000	51654996	0	122.344	N.D. #
44) L9	AR-1268-4	0.000	8.260	0	10636105	N.D.	108.892 #
45) L9	AR-1268-5	10.110	8.701	5297931	5828463	5.919	5.347

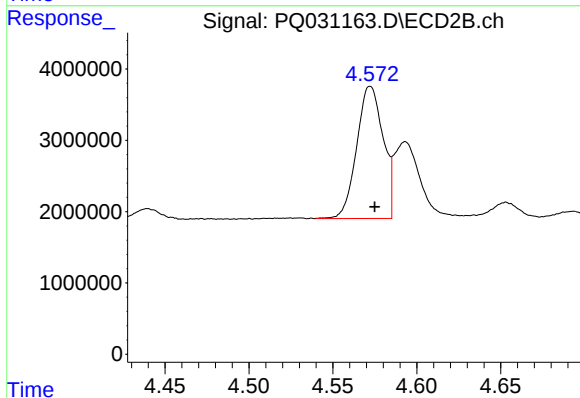
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

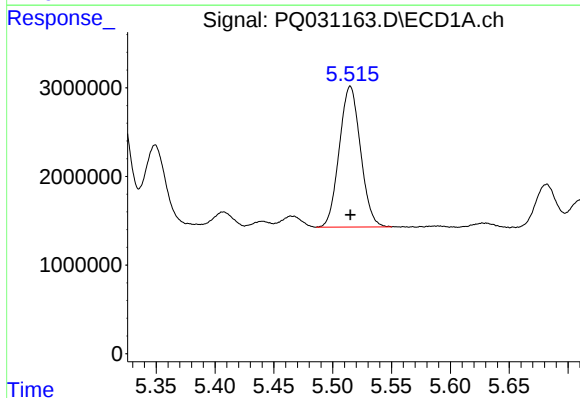
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 19899068
Conc: 402.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



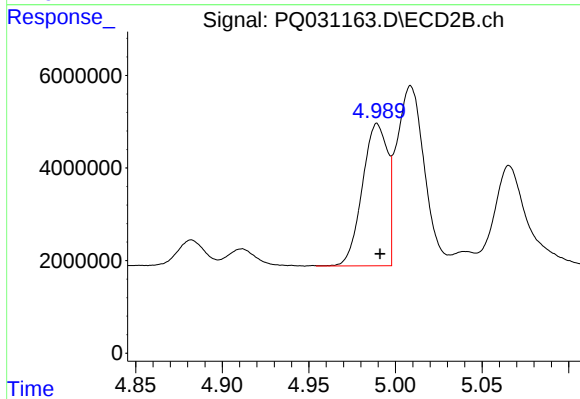
#3 AR-1016-1

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 20197294
Conc: 403.21 ng/ml



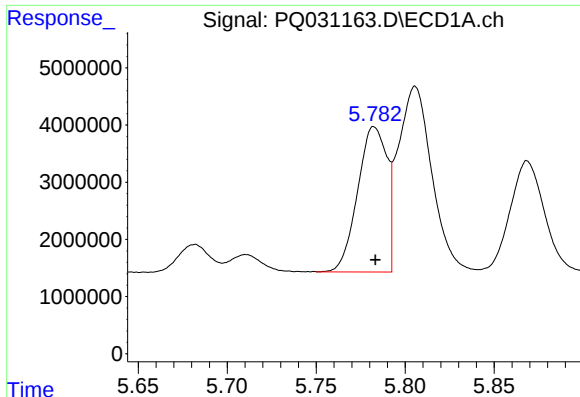
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 19948738
Conc: 400.60 ng/ml



#4 AR-1016-2

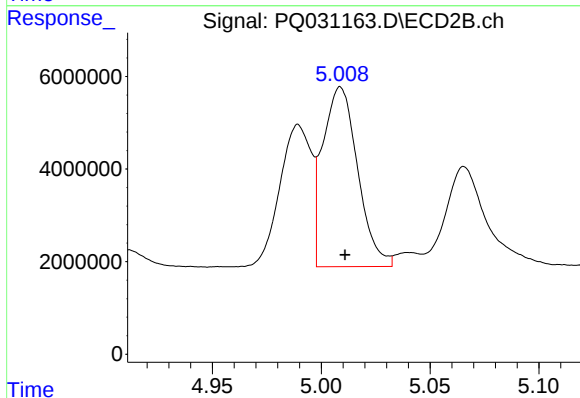
R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 31110855
Conc: 427.81 ng/ml



#5 AR-1016-3

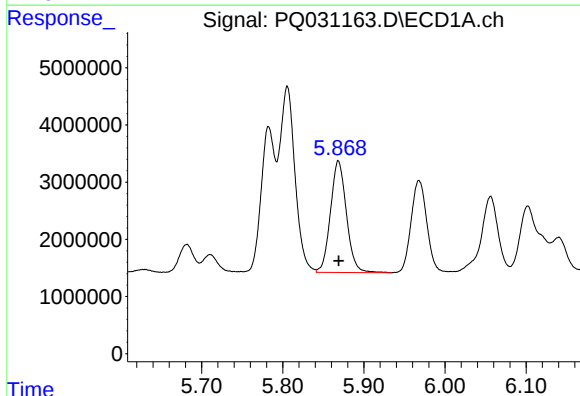
R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 29074612
Conc: 407.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



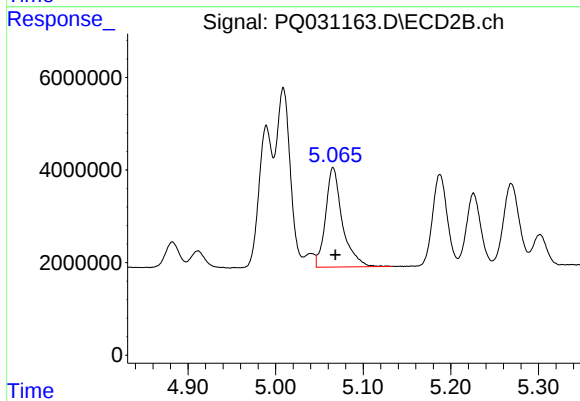
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 43382971
Conc: 401.59 ng/ml



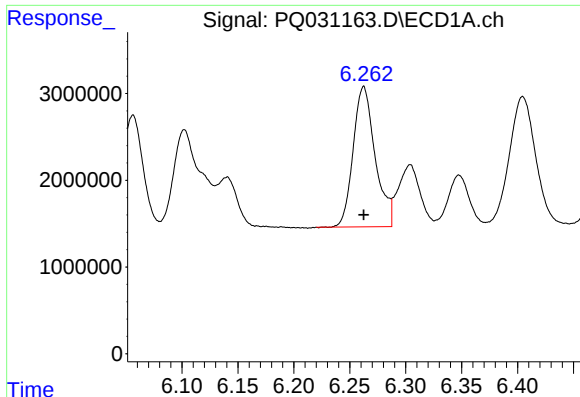
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 26659083
Conc: 396.21 ng/ml



#6 AR-1016-4

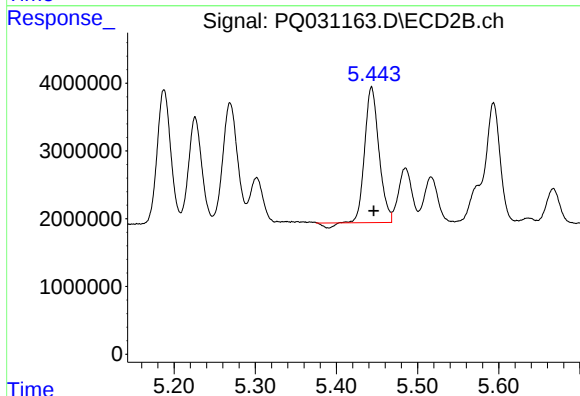
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 28583098
Conc: 398.48 ng/ml



#7 AR-1016-5

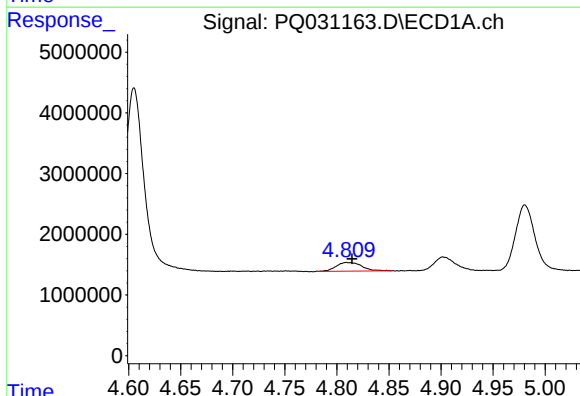
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 22150488
Conc: 389.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



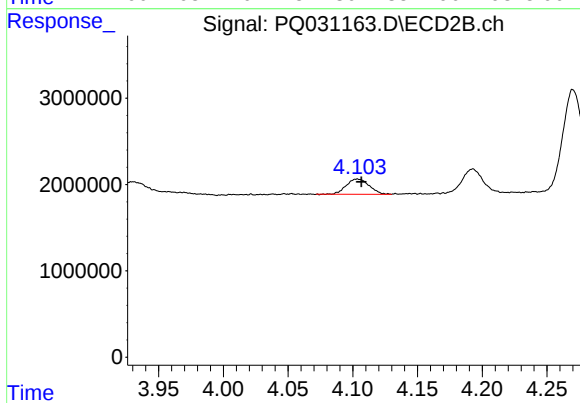
#7 AR-1016-5

R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 24086775
Conc: 377.32 ng/ml



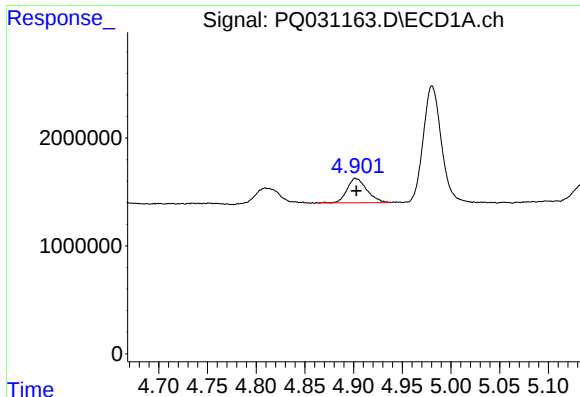
#8 AR-1221-1

R.T.: 4.809 min
Delta R.T.: -0.005 min
Response: 2438429
Conc: 106.95 ng/ml



#8 AR-1221-1

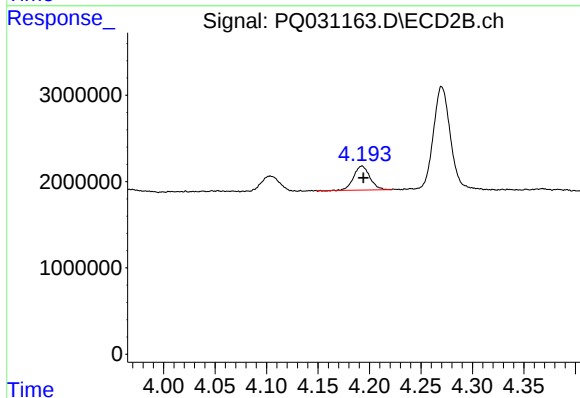
R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 2180465
Conc: 93.55 ng/ml



#9 AR-1221-2

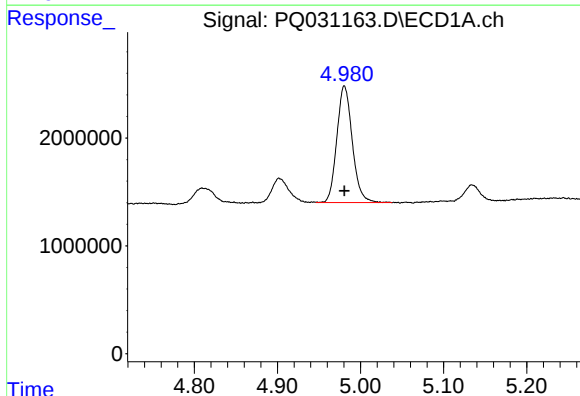
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 3170382
Conc: 164.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



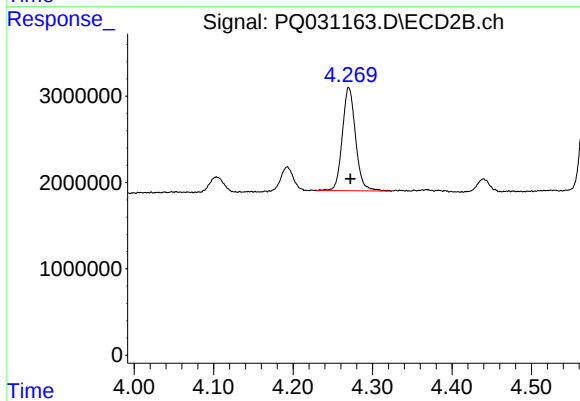
#9 AR-1221-2

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 3037191
Conc: 169.87 ng/ml



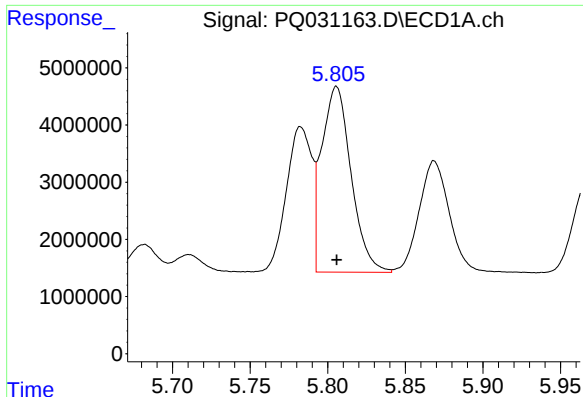
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 13994665
Conc: 236.83 ng/ml



#10 AR-1221-3

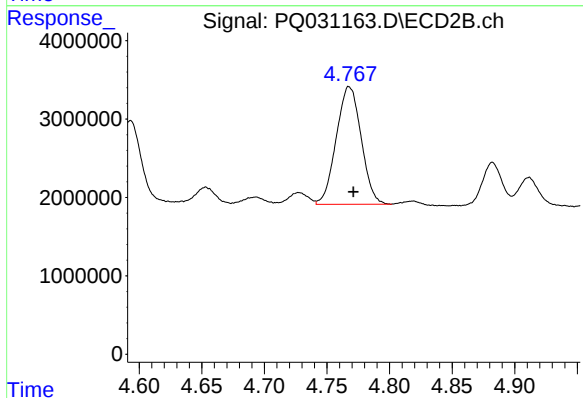
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 13852229
Conc: 220.74 ng/ml



#11 AR-1232-1

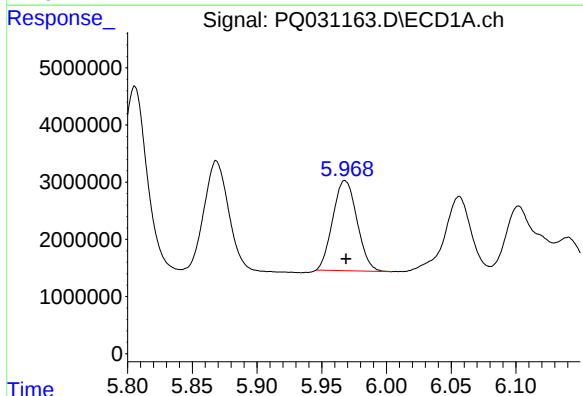
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 42872495
Conc: 951.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



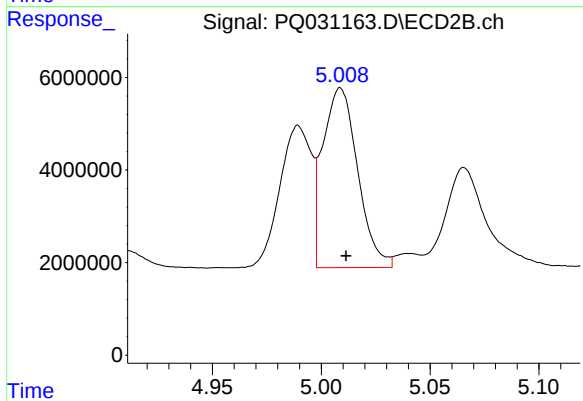
#11 AR-1232-1

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 20828500
Conc: 957.90 ng/ml



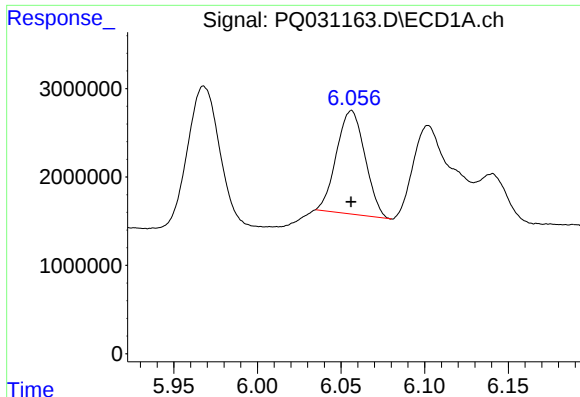
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 20567079
Conc: 898.39 ng/ml



#12 AR-1232-2

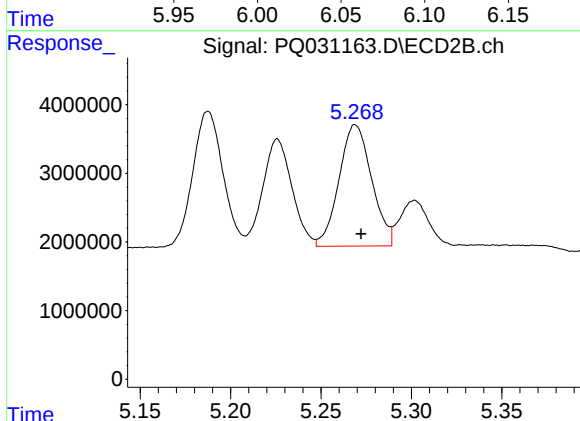
R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 43382971
Conc: 1055.50 ng/ml



#13 AR-1232-3

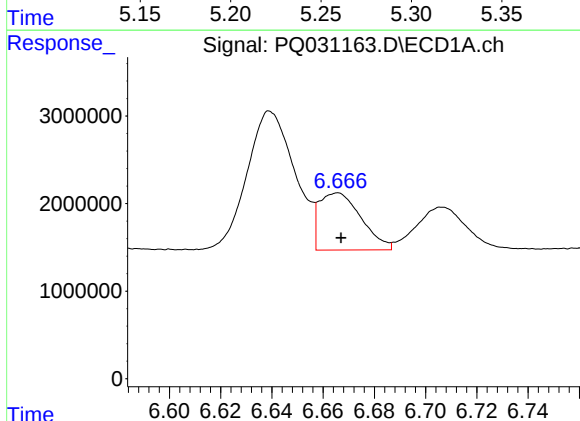
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 13868353
Conc: 953.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



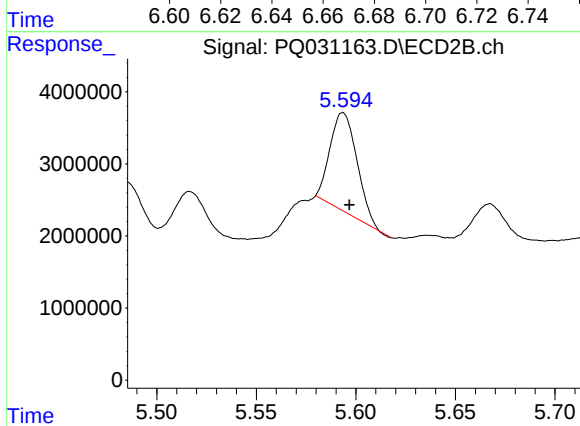
#13 AR-1232-3

R.T.: 5.269 min
Delta R.T.: -0.003 min
Response: 22204505
Conc: 1283.39 ng/ml



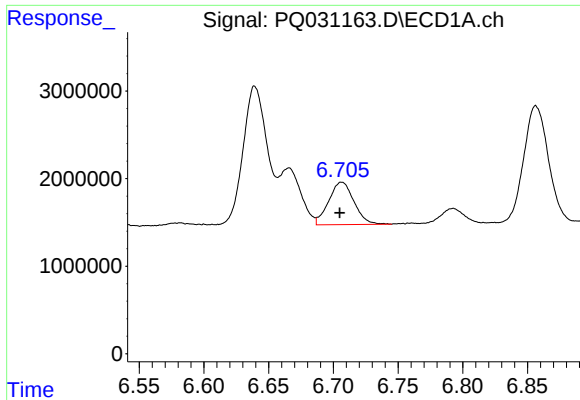
#14 AR-1232-4

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 7425880
Conc: 233.81 ng/ml



#14 AR-1232-4

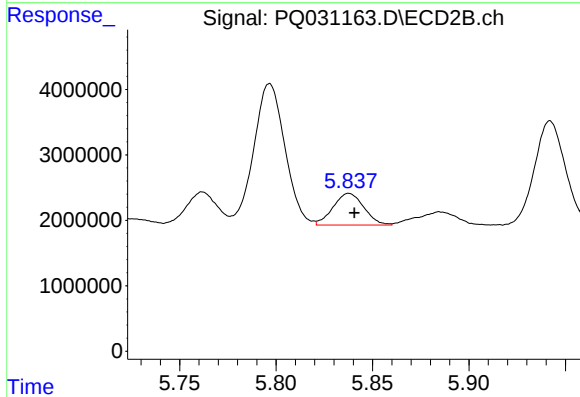
R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 12600867
Conc: 782.06 ng/ml



#15 AR-1232-5

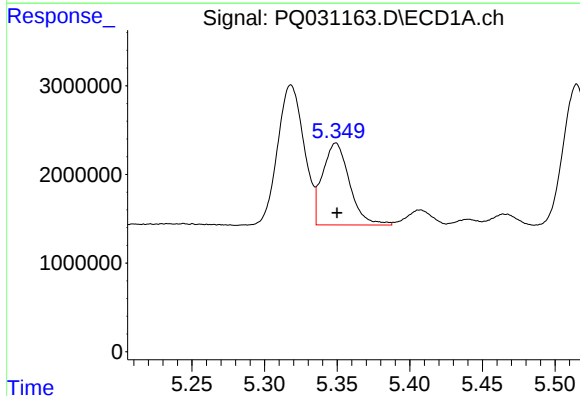
R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 6584310
Conc: 225.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



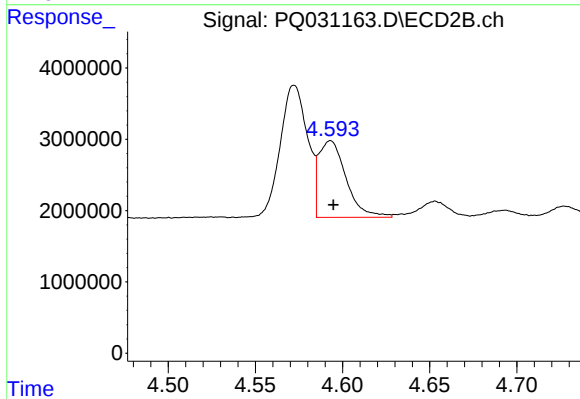
#15 AR-1232-5

R.T.: 5.838 min
Delta R.T.: -0.003 min
Response: 5365054
Conc: 252.02 ng/ml



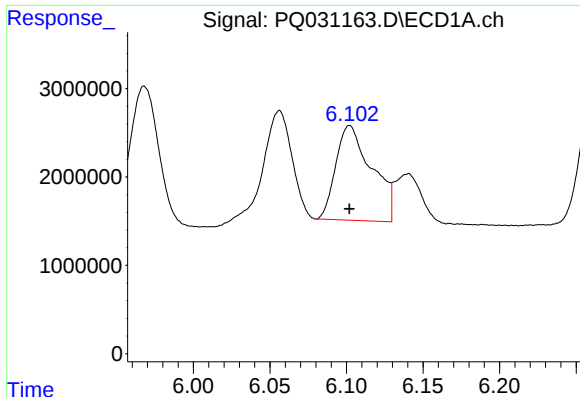
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 11933400
Conc: 560.77 ng/ml



#16 AR-1242-1

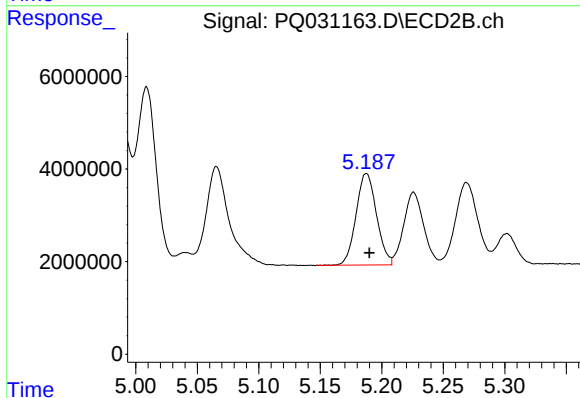
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 11778155
Conc: 550.26 ng/ml



#17 AR-1242-2

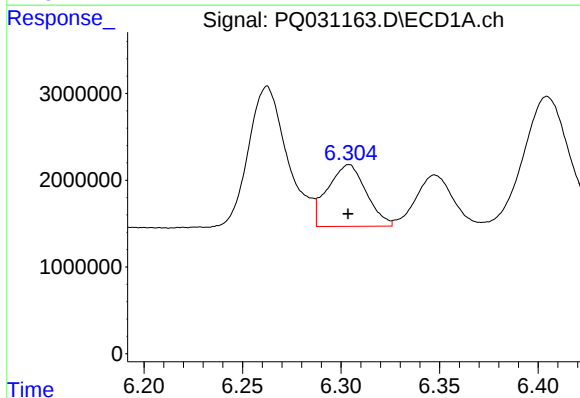
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 17553666
Conc: 474.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



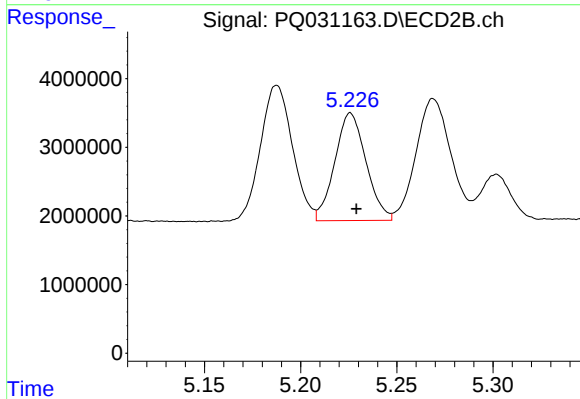
#17 AR-1242-2

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 22882747
Conc: 547.47 ng/ml



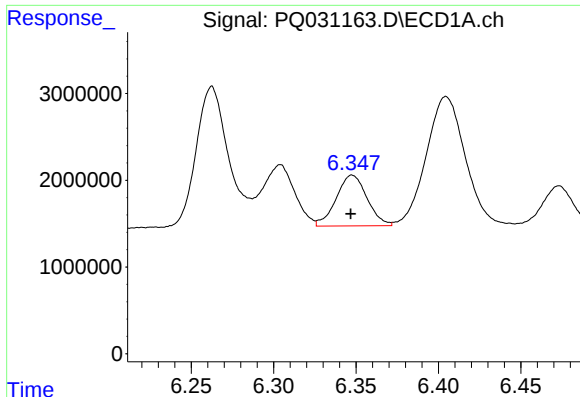
#18 AR-1242-3

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 9646835
Conc: 515.62 ng/ml



#18 AR-1242-3

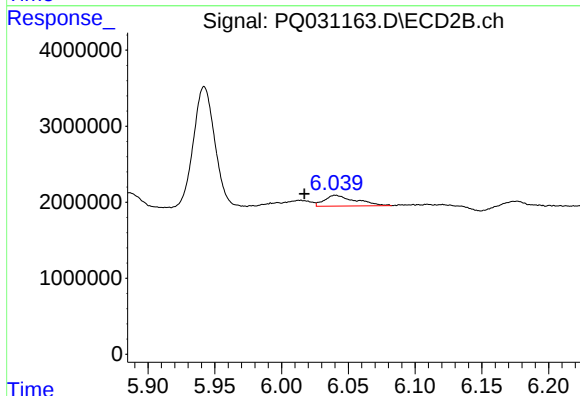
R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 17665790
Conc: 539.07 ng/ml



#19 AR-1242-4

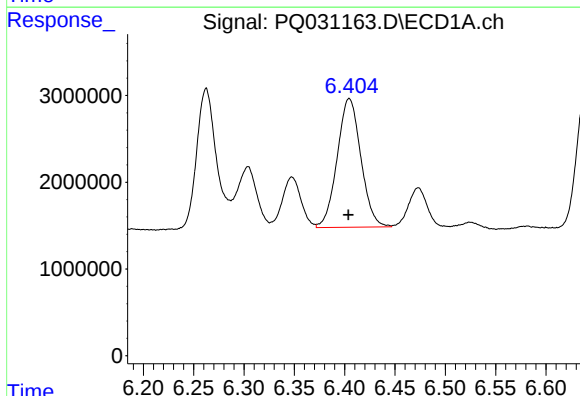
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 7612666
Conc: 555.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



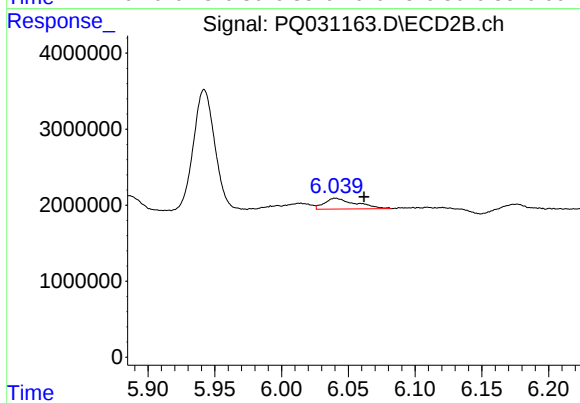
#19 AR-1242-4

R.T.: 6.040 min
Delta R.T.: 0.023 min
Response: 2333336
Conc: 56.53 ng/ml



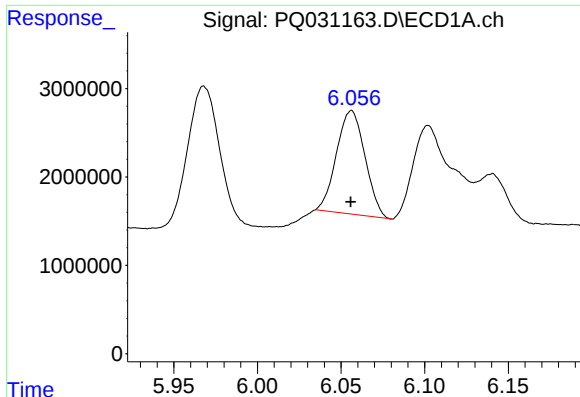
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 24280796
Conc: 519.53 ng/ml



#20 AR-1242-5

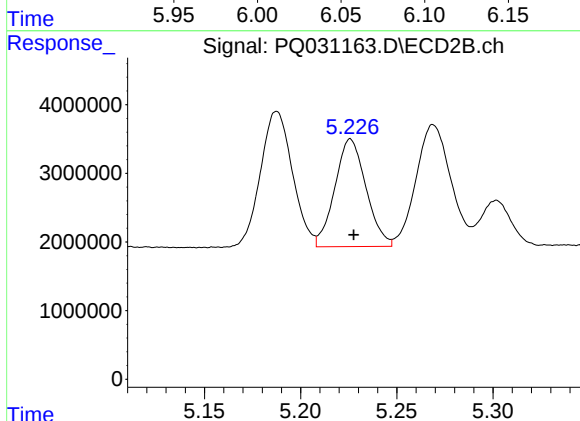
R.T.: 6.040 min
Delta R.T.: -0.021 min
Response: 2333336
Conc: 66.50 ng/ml



#21 AR-1248-1

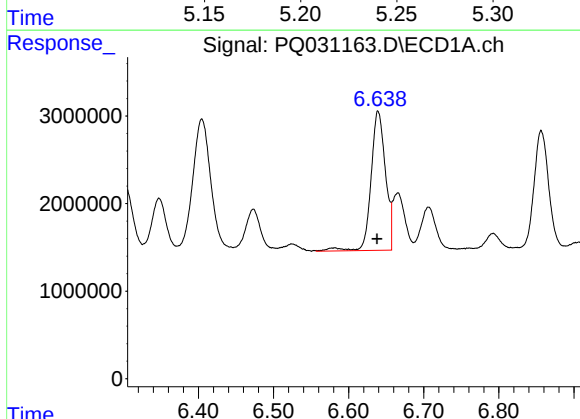
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 13868353
Conc: 214.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



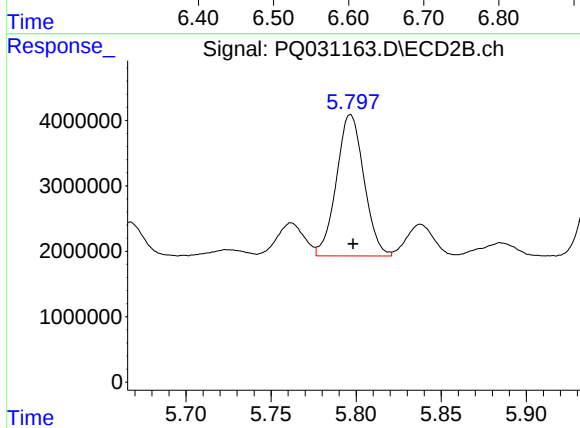
#21 AR-1248-1

R.T.: 5.226 min
Delta R.T.: -0.002 min
Response: 17665790
Conc: 260.88 ng/ml



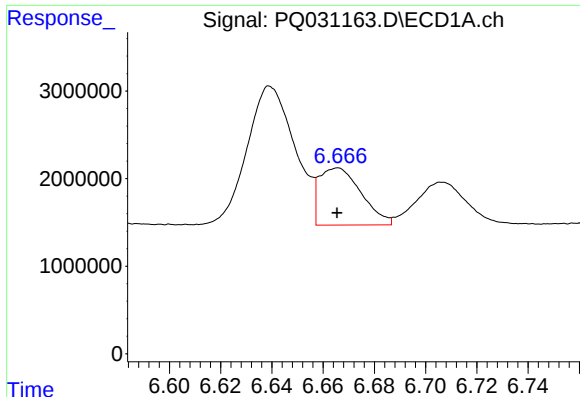
#22 AR-1248-2

R.T.: 6.639 min
Delta R.T.: 0.002 min
Response: 21261486
Conc: 305.03 ng/ml



#22 AR-1248-2

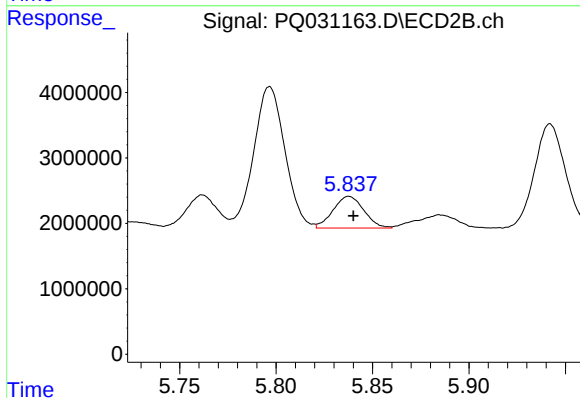
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 24347959
Conc: 178.47 ng/ml



#23 AR-1248-3

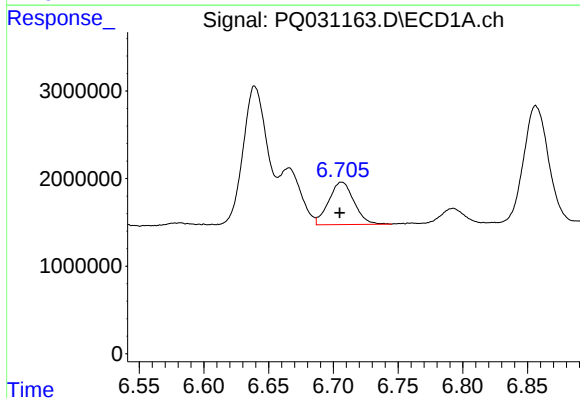
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 7425880
Conc: 81.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



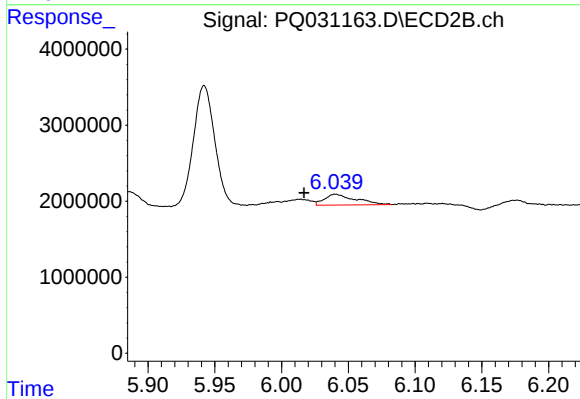
#23 AR-1248-3

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 5365054
Conc: 57.93 ng/ml



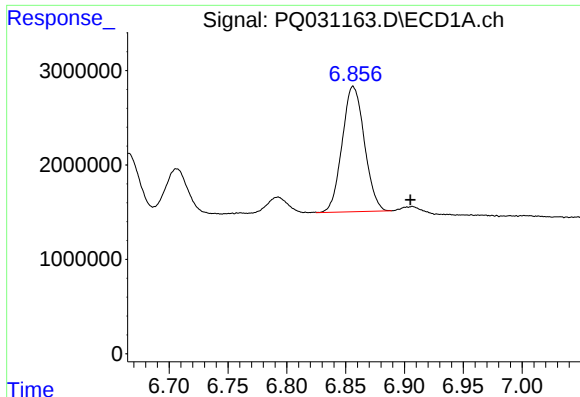
#24 AR-1248-4

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 6584310
Conc: 75.59 ng/ml



#24 AR-1248-4

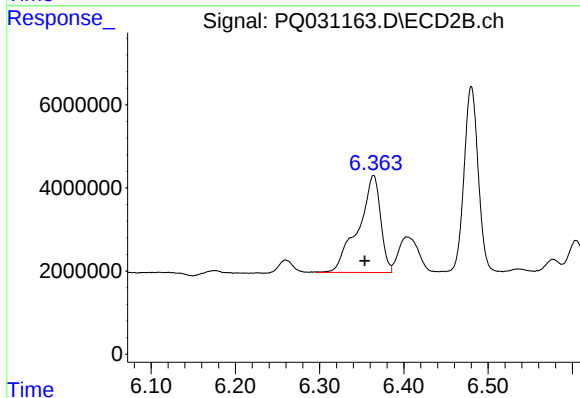
R.T.: 6.040 min
Delta R.T.: 0.024 min
Response: 2333336
Conc: 29.25 ng/ml



#25 AR-1248-5

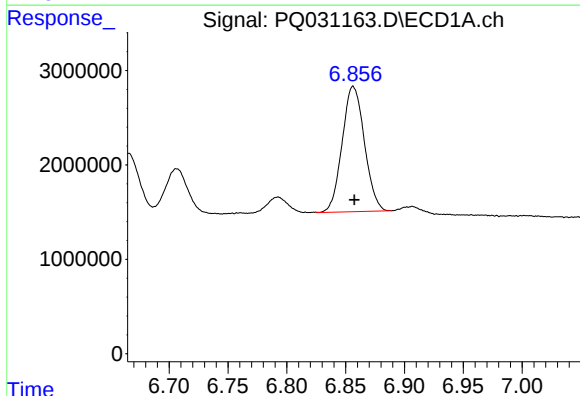
R.T.: 6.856 min
Delta R.T.: -0.049 min
Response: 17463171
Conc: 303.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



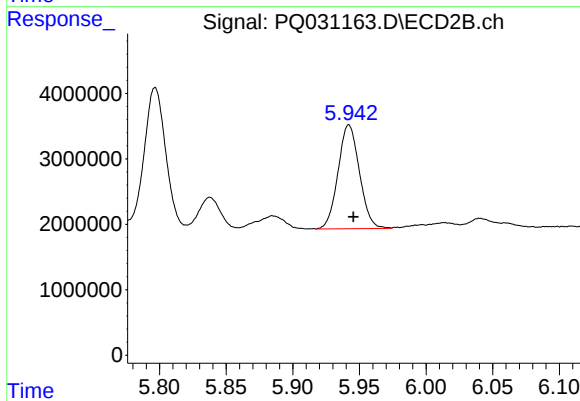
#25 AR-1248-5

R.T.: 6.364 min
Delta R.T.: 0.011 min
Response: 42890544
Conc: 594.00 ng/ml



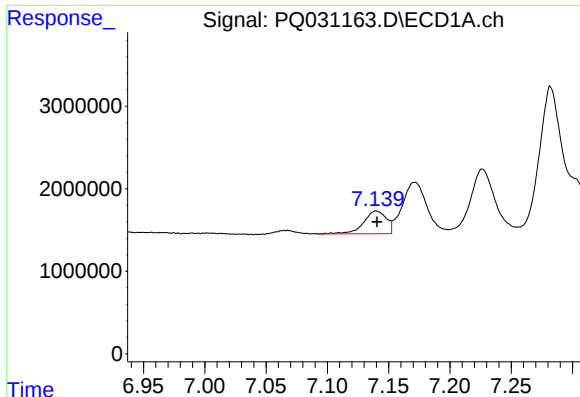
#26 AR-1254-1

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 17463171
Conc: 109.22 ng/ml



#26 AR-1254-1

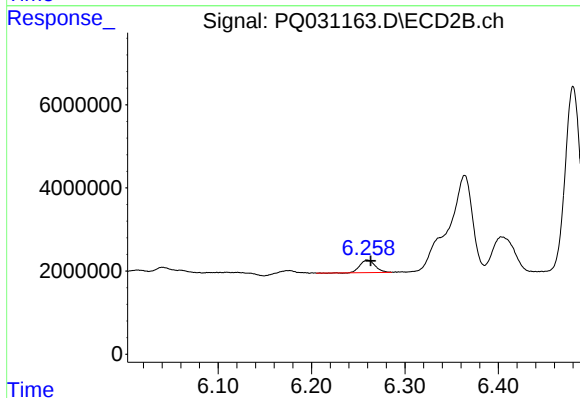
R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 17749351
Conc: 125.27 ng/ml



#27 AR-1254-2

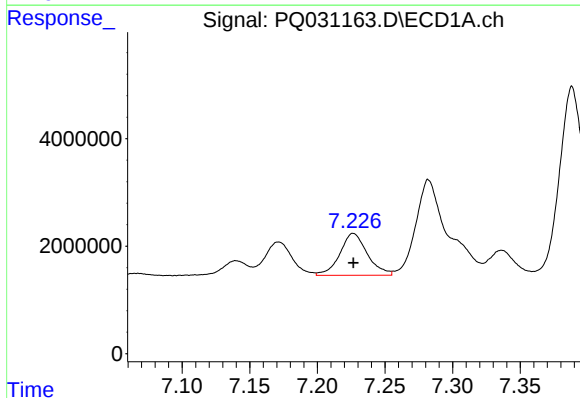
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 3566175
Conc: 36.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



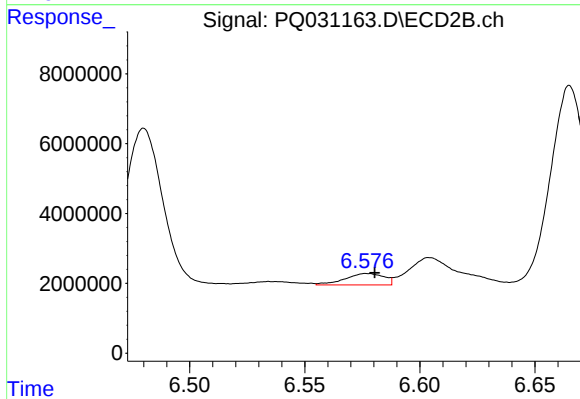
#27 AR-1254-2

R.T.: 6.260 min
Delta R.T.: -0.004 min
Response: 3388887
Conc: 28.34 ng/ml



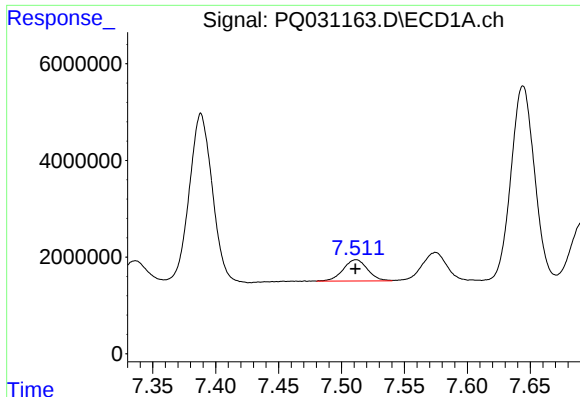
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 11038520
Conc: 61.74 ng/ml



#28 AR-1254-3

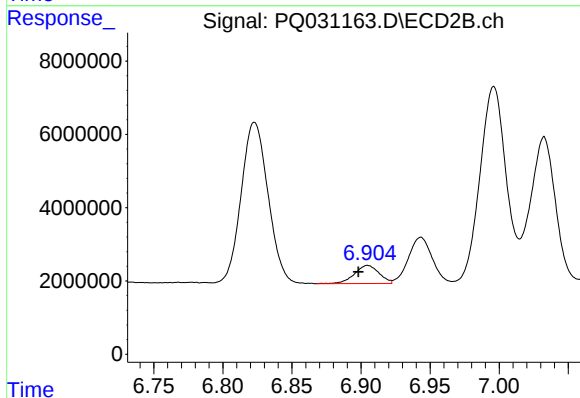
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 3831991
Conc: 21.55 ng/ml



#29 AR-1254-4

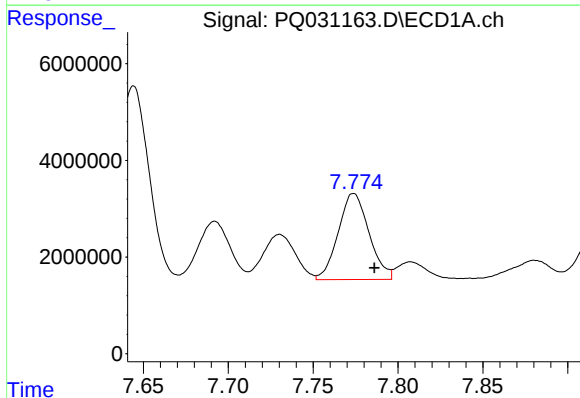
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 5917637
Conc: 45.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



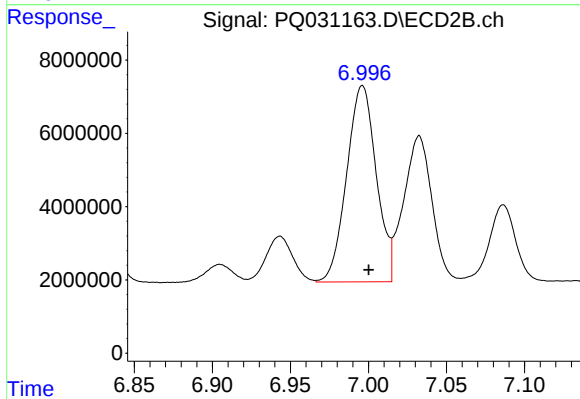
#29 AR-1254-4

R.T.: 6.905 min
Delta R.T.: 0.007 min
Response: 6089535
Conc: 56.81 ng/ml



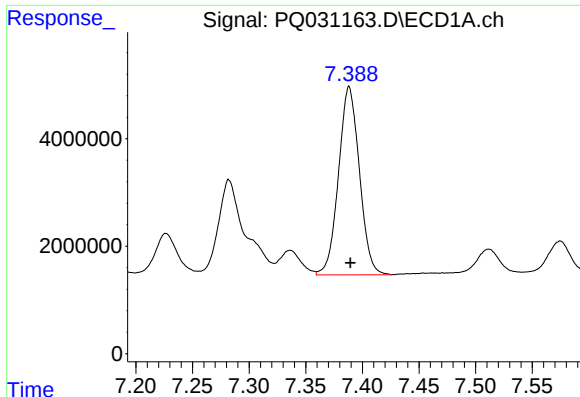
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.012 min
Response: 22481193
Conc: 224.18 ng/ml



#30 AR-1254-5

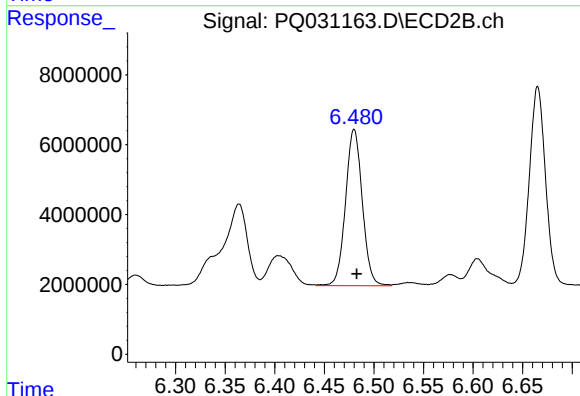
R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 70673643
Conc: 320.35 ng/ml



#31 AR-1260-1

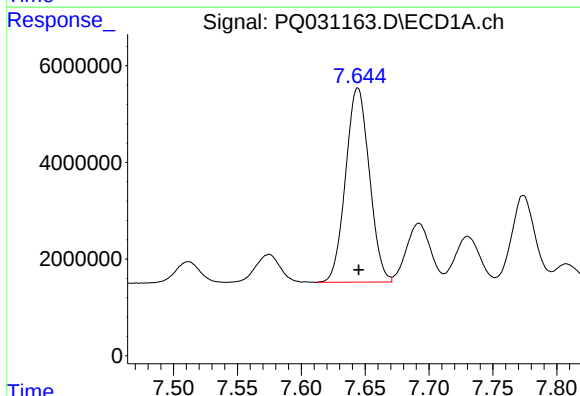
R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 44930487
Conc: 358.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



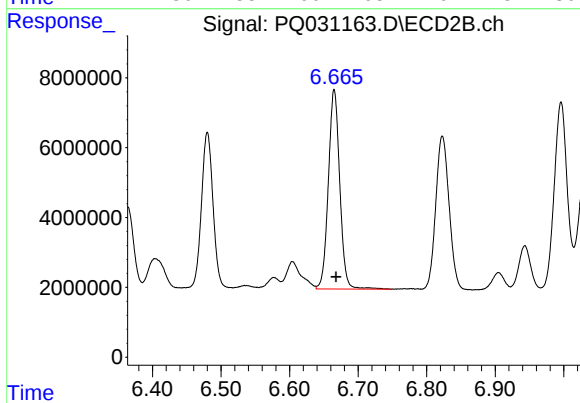
#31 AR-1260-1

R.T.: 6.480 min
Delta R.T.: -0.003 min
Response: 52842963
Conc: 355.31 ng/ml



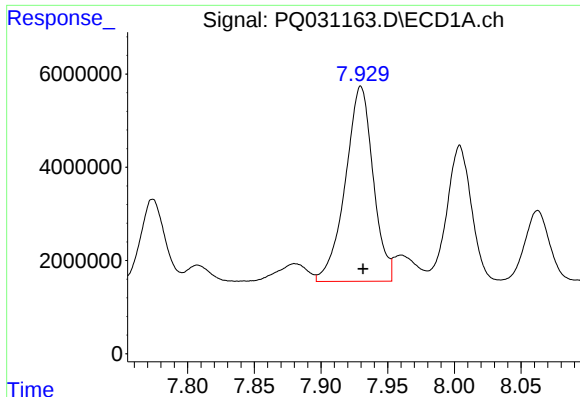
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 52080282
Conc: 345.00 ng/ml



#32 AR-1260-2

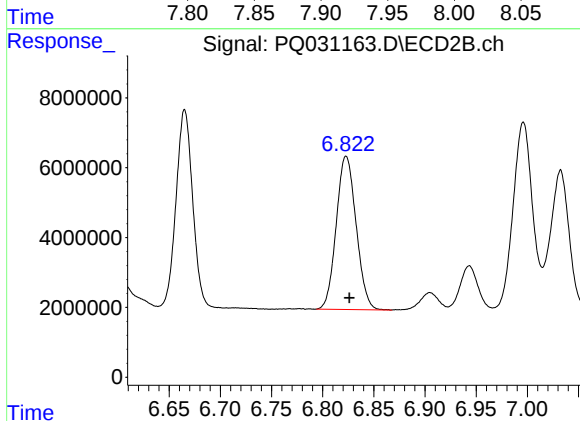
R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 66185706
Conc: 371.38 ng/ml



#33 AR-1260-3

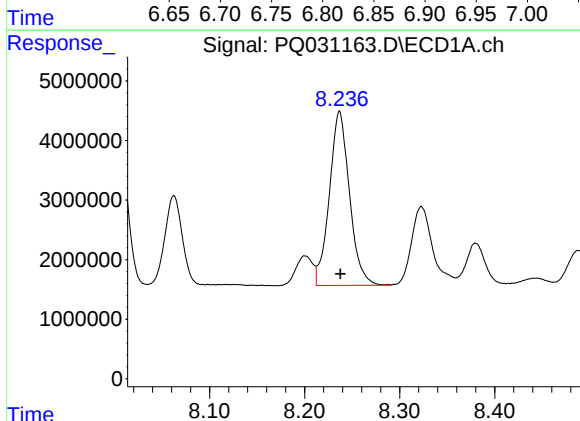
R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 60700874
Conc: 337.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



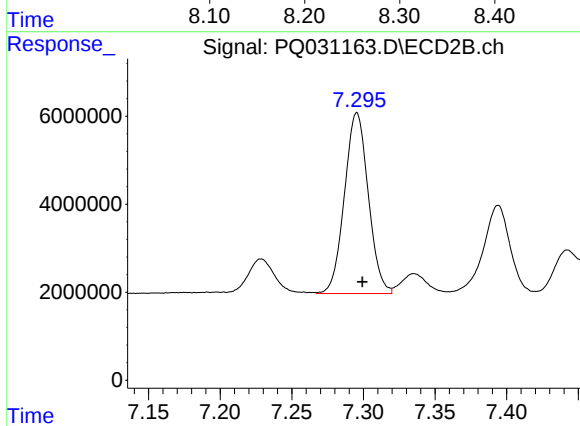
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 59352849
Conc: 345.27 ng/ml



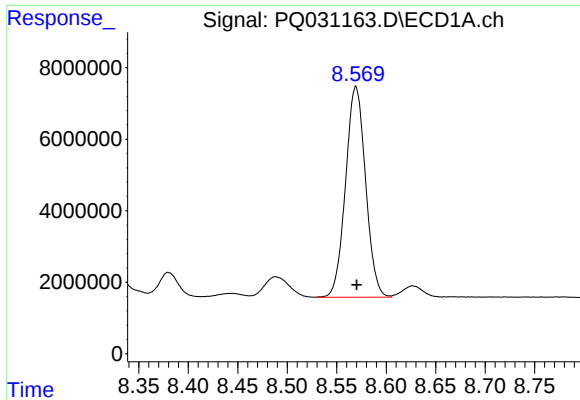
#34 AR-1260-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 43058162
Conc: 333.66 ng/ml



#34 AR-1260-4

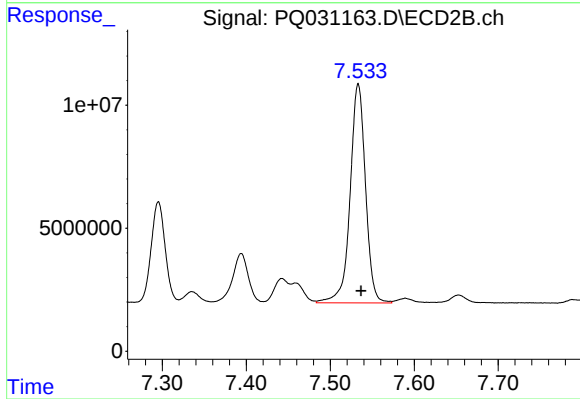
R.T.: 7.295 min
Delta R.T.: -0.004 min
Response: 47626926
Conc: 344.38 ng/ml



#35 AR-1260-5

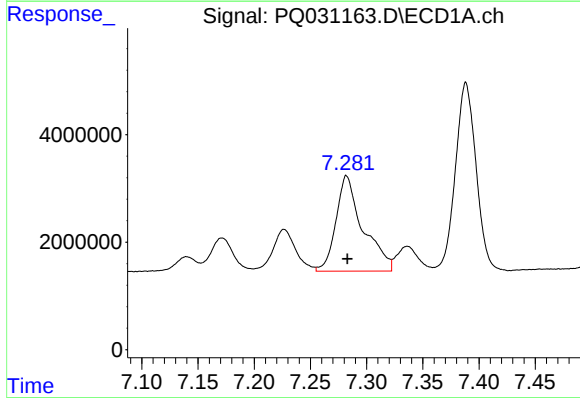
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 82947363
Conc: 322.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



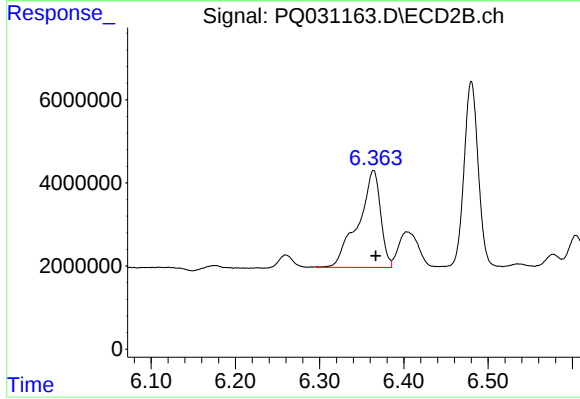
#35 AR-1260-5

R.T.: 7.533 min
Delta R.T.: -0.003 min
Response: 113298448
Conc: 354.21 ng/ml



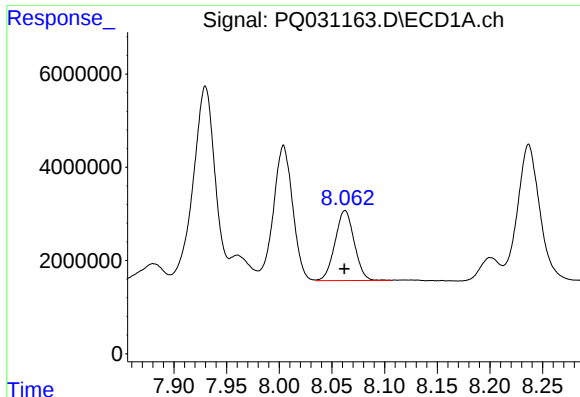
#36 AR-1262-1

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 29589201
Conc: 371.82 ng/ml



#36 AR-1262-1

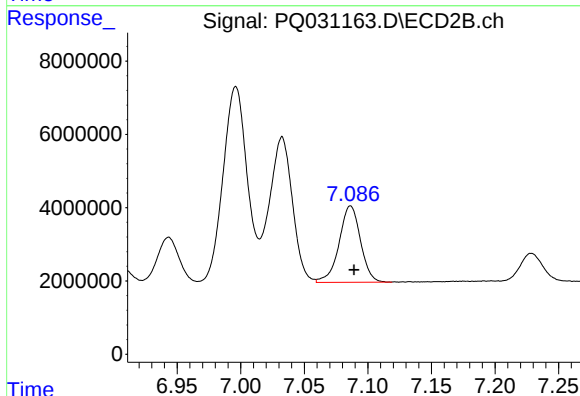
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 42890544
Conc: 359.69 ng/ml



#37 AR-1262-2

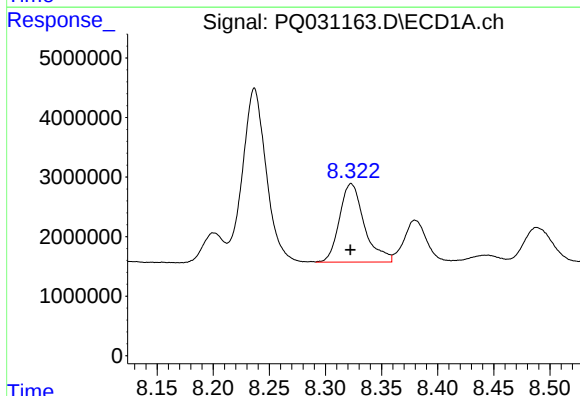
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 19077650
Conc: 259.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



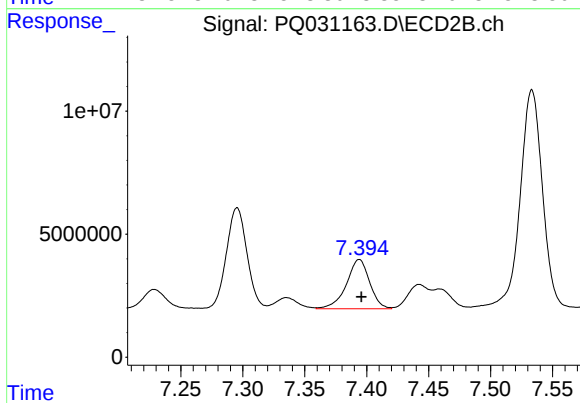
#37 AR-1262-2

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 24472685
Conc: 255.31 ng/ml



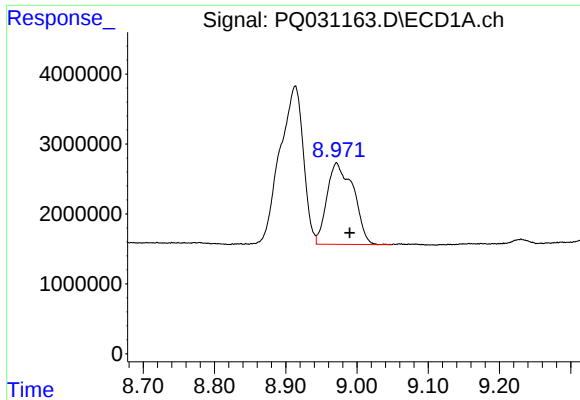
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 20364942
Conc: 230.79 ng/ml



#38 AR-1262-3

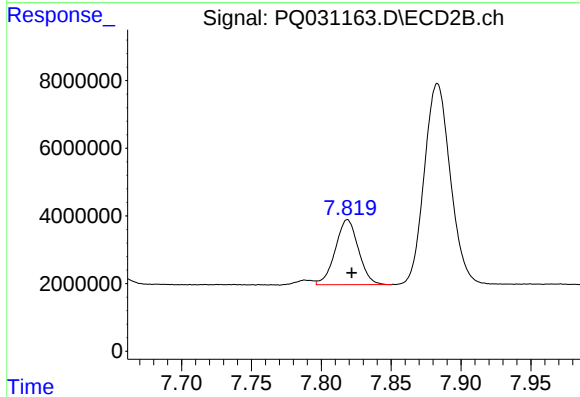
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 26159512
Conc: 271.75 ng/ml



#39 AR-1262-4

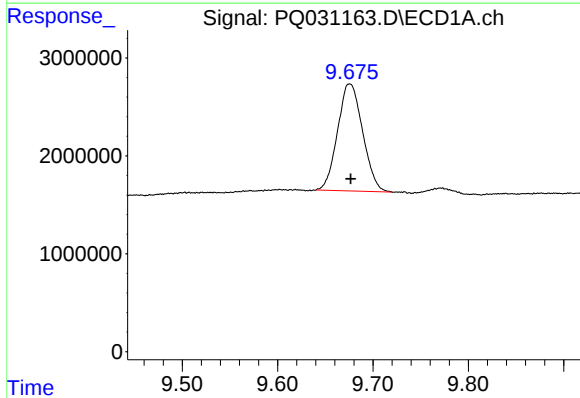
R.T.: 8.971 min
Delta R.T.: -0.018 min
Response: 30039365
Conc: 198.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



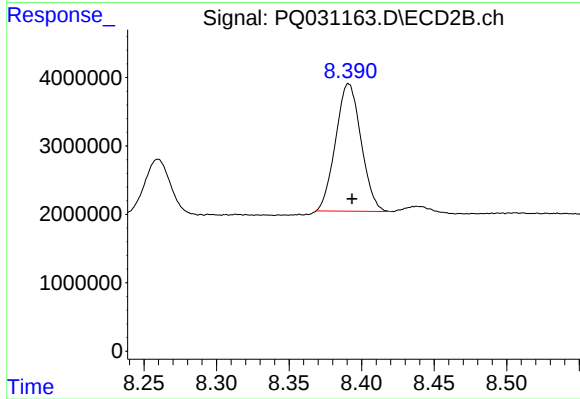
#39 AR-1262-4

R.T.: 7.819 min
Delta R.T.: -0.003 min
Response: 22157576
Conc: 130.88 ng/ml



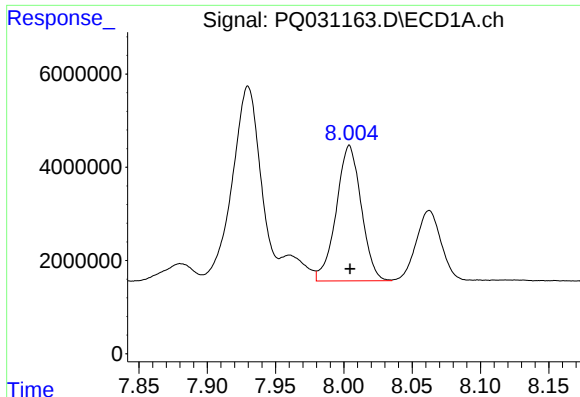
#40 AR-1262-5

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 19923936
Conc: 199.81 ng/ml



#40 AR-1262-5

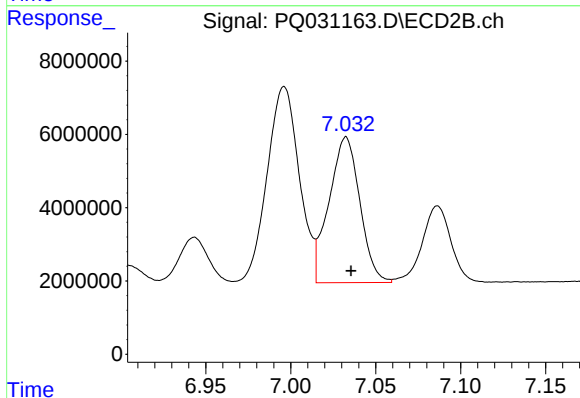
R.T.: 8.391 min
Delta R.T.: -0.002 min
Response: 22725296
Conc: 198.70 ng/ml



#41 AR-1268-1

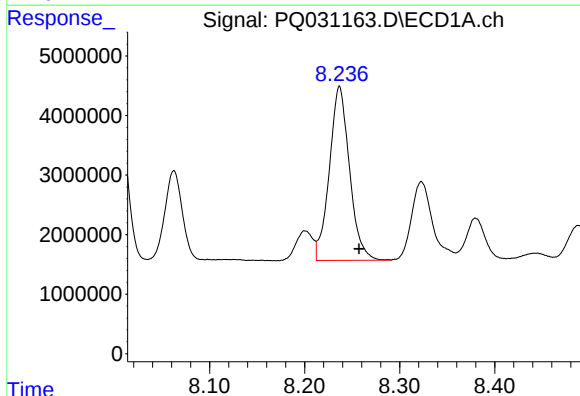
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 37078299
Conc: 505.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



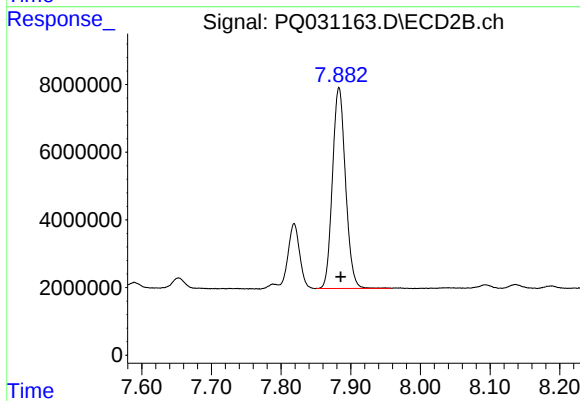
#41 AR-1268-1

R.T.: 7.032 min
Delta R.T.: -0.003 min
Response: 50266044
Conc: 572.65 ng/ml



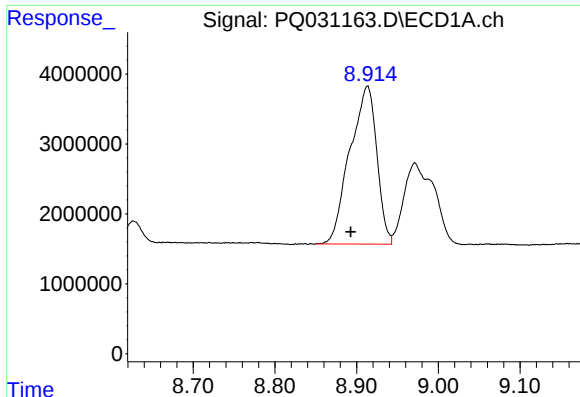
#42 AR-1268-2

R.T.: 8.237 min
Delta R.T.: -0.020 min
Response: 43058162
Conc: 434.81 ng/ml



#42 AR-1268-2

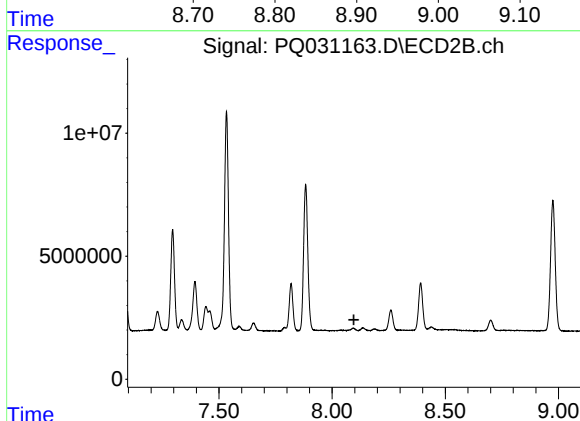
R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 77332967
Conc: 161.72 ng/ml



#43 AR-1268-3

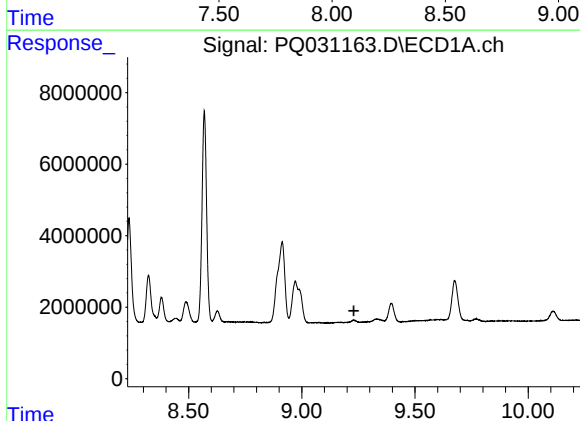
R.T.: 8.913 min
Delta R.T.: 0.020 min
Response: 51654996
Conc: 122.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



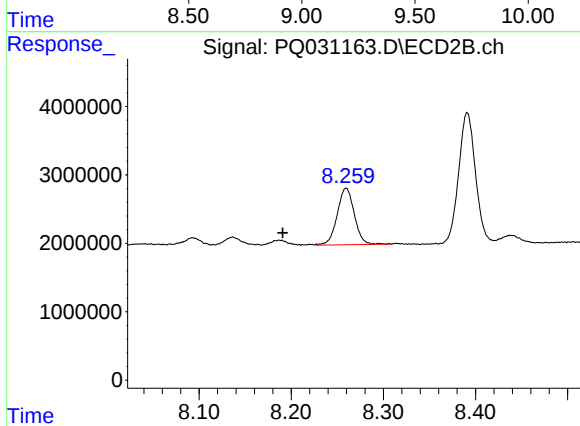
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



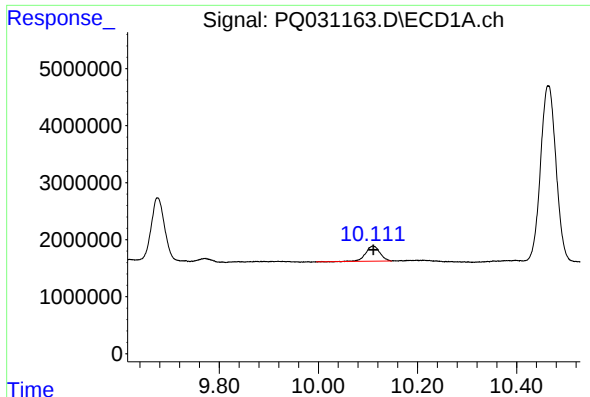
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.230 min
Response: 0
Conc: N.D.



#44 AR-1268-4

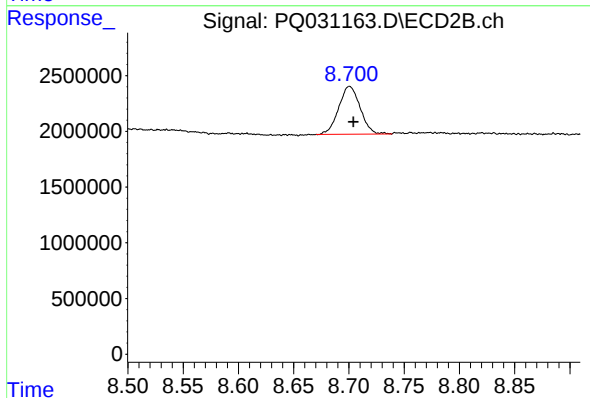
R.T.: 8.260 min
Delta R.T.: 0.069 min
Response: 10636105
Conc: 108.89 ng/ml



#45 AR-1268-5

R.T.: 10.110 min
Delta R.T.: 0.000 min
Response: 5297931
Conc: 5.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 5828463
Conc: 5.35 ng/ml