

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031119\
 Data File : PQ037902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2019 10:13
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660374

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 00:47:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.210	3.647	127.0E6	63147836	22.324	23.974
2)	SA Decachlor...	9.650	8.528	194.6E6	85536429	38.538	36.869
Target Compounds							
3)	L1 AR-1016-1	5.372	4.721	173.0E6	96270012	598.403	623.995
4)	L1 AR-1016-2	5.372	4.721	173.0E6	96270012	387.024	401.051
5)	L1 AR-1016-3	5.433	4.895	99516253	47417866	378.627	389.412
6)	L1 AR-1016-4	5.532	4.934	81637897	37937046	371.330	406.203
7)	L1 AR-1016-5	5.853	5.143	32489733	48680102	151.147	388.643 #
8)	L2 AR-1221-1	4.417	3.852	9904584	5790867	158.066	170.189
9)	L2 AR-1221-2	4.506	3.938	11908858	7193422	270.434	299.920
10)	L2 AR-1221-3	4.582	4.011	57852126	33201013	376.377	392.604
11)	L3 AR-1232-1	4.582	4.011	57852126	33201013	506.932	536.345
12)	L3 AR-1232-2	5.091	4.721	84213062	96270012	1440.465	1401.051
13)	L3 AR-1232-3	5.372	4.895	173.0E6	47417866	1384.581	1361.628
14)	L3 AR-1232-4	5.532	5.003	81637897	15890546	1277.525	538.924 #
15)	L3 AR-1232-5	5.656	5.143	70391478	48680102	1543.433	1432.448
16)	L4 AR-1242-1	5.372	4.721	173.0E6	96270012	1054.360	1071.721
17)	L4 AR-1242-2	5.372	4.721	173.0E6	96270012	686.194	705.978
18)	L4 AR-1242-3	5.433	4.895	99516253	47417866	657.906	672.294
19)	L4 AR-1242-4	5.532	5.003	81637897	15890546	648.554	231.592 #
20)	L4 AR-1242-5	6.249	5.486	21274694	48289893	153.303	552.330 #
21)	L5 AR-1248-1	5.372	4.721	173.0E6	96270012	1469.525	1443.149
22)	L5 AR-1248-2	5.656	4.934	70391478	37937046	410.305	419.650
23)	L5 AR-1248-3	5.853	5.003	32489733	15890546	167.230	172.174
24)	L5 AR-1248-4	6.249	5.143	21274694	48680102	93.569	428.976 #
25)	L5 AR-1248-5	6.249	5.528	21274694	10852961	98.509	98.852
26)	L6 AR-1254-1	6.211	5.486	26647777	48289893	125.822	291.232 #
27)	L6 AR-1254-2	6.444	5.630	4054332	33818021	12.091	237.464 #
28)	L6 AR-1254-3	6.807	6.036	101.2E6	61530768	291.627	269.681
29)	L6 AR-1254-4	7.096	6.277	26342762	19859317	95.185	115.637
30)	L6 AR-1254-5	7.516	6.692	151.5E6	88538087	548.001	457.260
31)	L7 AR-1260-1	6.912	6.151	148.0E6	91731023	333.202	361.811
32)	L7 AR-1260-2	7.216	6.338	48978685	109.3E6	84.710	355.457 #
33)	L7 AR-1260-3	7.573	6.488	72703592	101.7E6	162.742	358.193 #
34)	L7 AR-1260-4	7.746	6.949	142.1E6	77716705	324.513	353.110
35)	L7 AR-1260-5	8.094	7.192	17417226	185.3E6	17.376	350.893 #
36)	L8 AR-1262-1	7.573	6.692	72703592	88538087	182.019	423.056 #
37)	L8 AR-1262-2	8.094	7.192	17417226	185.3E6	25.142	500.104 #
38)	L8 AR-1262-3	8.360	7.465	73538085	35803369	245.598	244.959
39)	L8 AR-1262-4	8.408	7.533	88791238	126.9E6	252.698	475.857 #
40)	L8 AR-1262-5	9.096	8.025	5580131	40122625	23.398	343.428 #
41)	L9 AR-1268-1	8.360	7.465	73538085	35803369	54.854	54.658

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031119\
Data File : PQ037902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2019 10:13
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

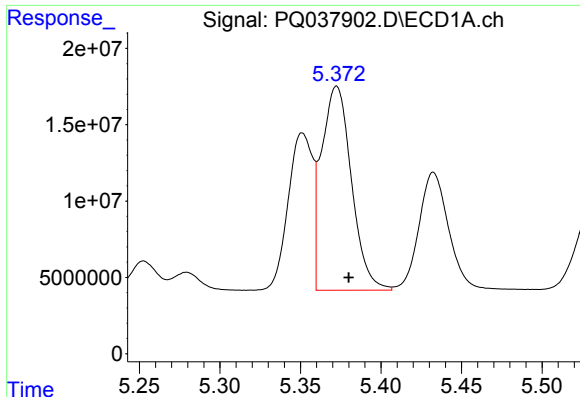
Instrument :
ECD_Q
ClientSampleId :
AR1660374

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 00:47:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 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
42) L9	AR-1268-2	8.408	7.533	88791238	126.9E6	72.079	212.194 #
43) L9	AR-1268-3	8.611	7.725	3717139	1977109	3.392	3.971
44) L9	AR-1268-4	9.096	8.025	5580131	40122625	13.990	204.706 #
45) L9	AR-1268-5	9.370	8.299	23050463	10179360	7.091	6.615

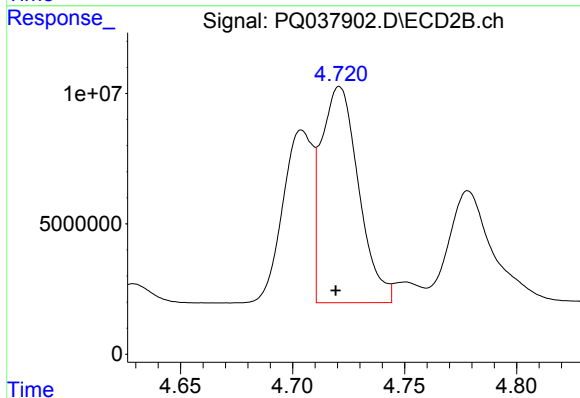
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

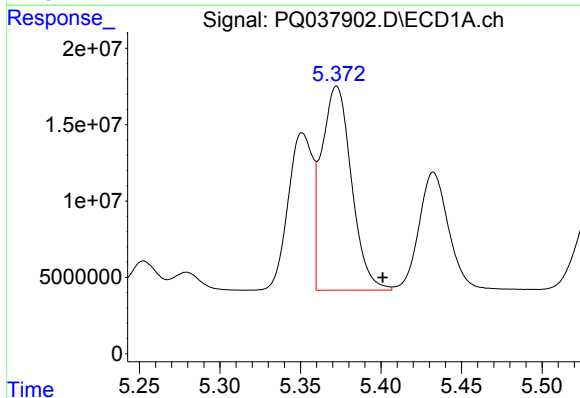
R.T.: 5.372 min
Delta R.T.: -0.008 min
Response: 172953652
Conc: 598.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



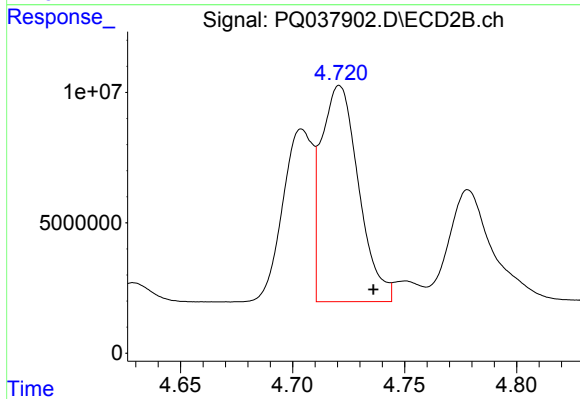
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 96270012
Conc: 623.99 ng/ml



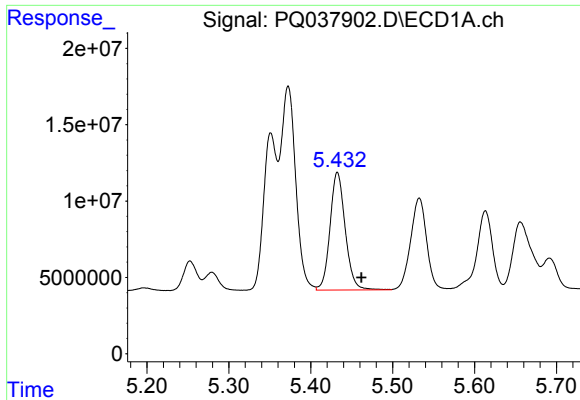
#4 AR-1016-2

R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 172953652
Conc: 387.02 ng/ml



#4 AR-1016-2

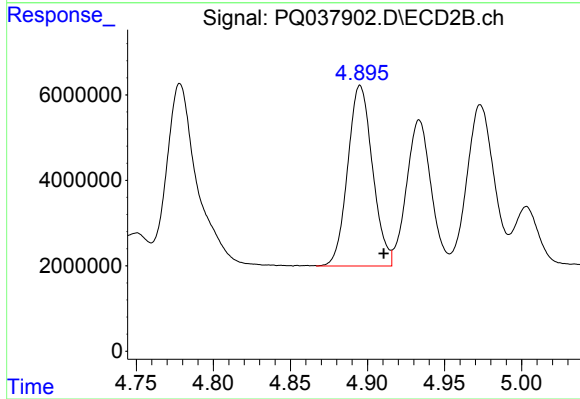
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 96270012
Conc: 401.05 ng/ml



#5 AR-1016-3

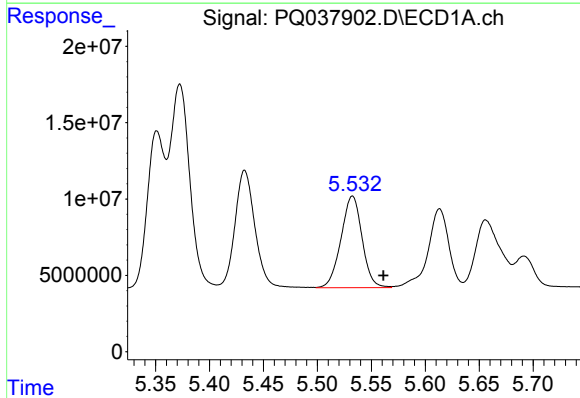
R.T.: 5.433 min
Delta R.T.: -0.029 min
Response: 99516253
Conc: 378.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



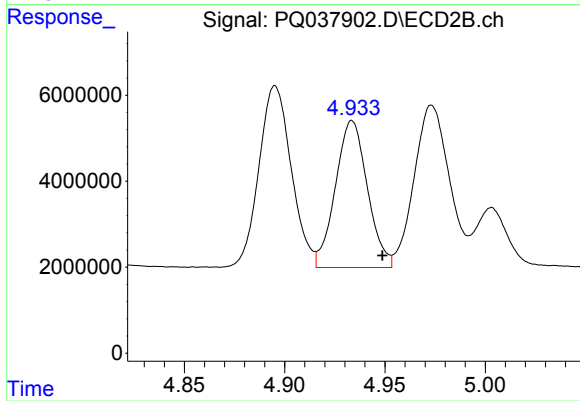
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.015 min
Response: 47417866
Conc: 389.41 ng/ml



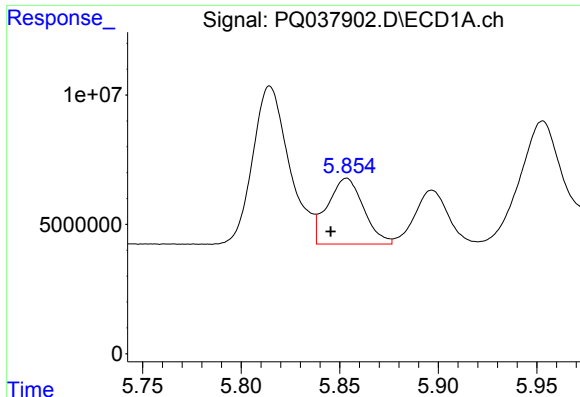
#6 AR-1016-4

R.T.: 5.532 min
Delta R.T.: -0.029 min
Response: 81637897
Conc: 371.33 ng/ml



#6 AR-1016-4

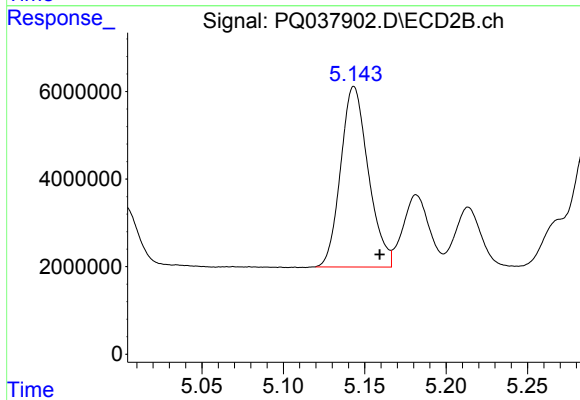
R.T.: 4.934 min
Delta R.T.: -0.015 min
Response: 37937046
Conc: 406.20 ng/ml



#7 AR-1016-5

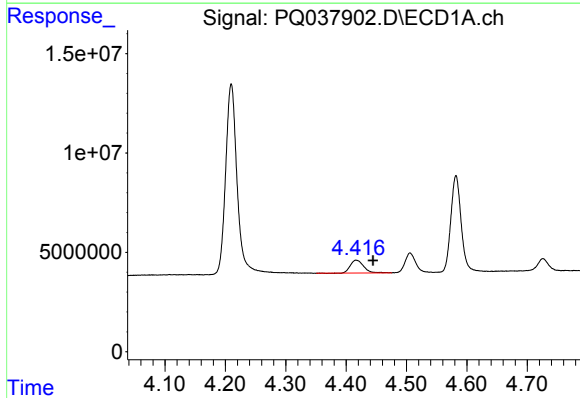
R.T.: 5.853 min
Delta R.T.: 0.008 min
Response: 32489733
Conc: 151.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



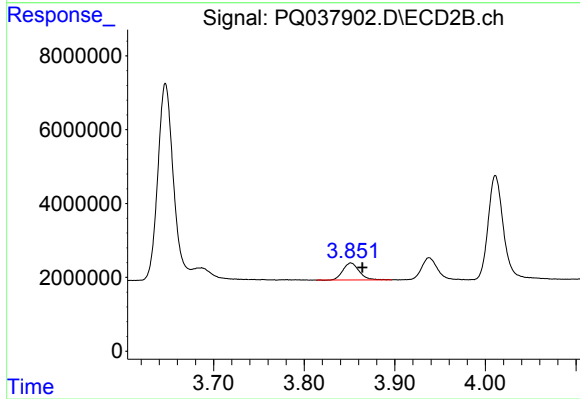
#7 AR-1016-5

R.T.: 5.143 min
Delta R.T.: -0.016 min
Response: 48680102
Conc: 388.64 ng/ml



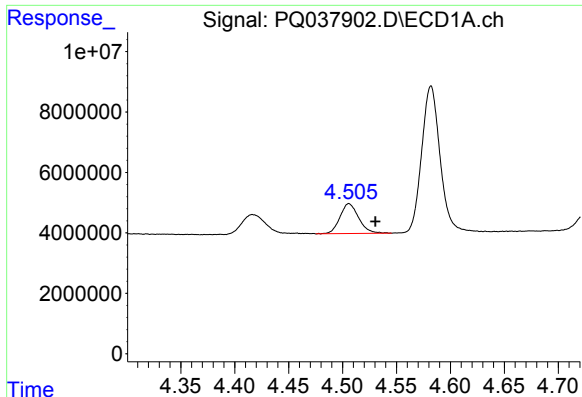
#8 AR-1221-1

R.T.: 4.417 min
Delta R.T.: -0.027 min
Response: 9904584
Conc: 158.07 ng/ml



#8 AR-1221-1

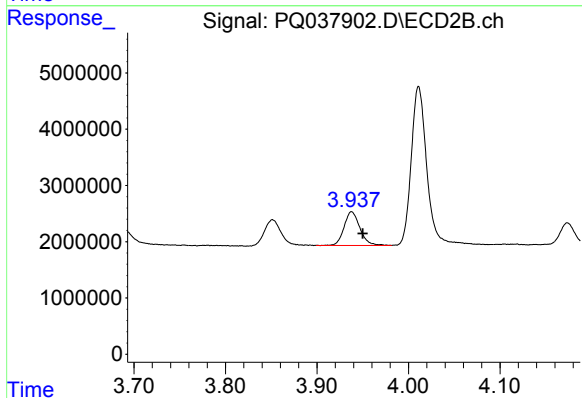
R.T.: 3.852 min
Delta R.T.: -0.013 min
Response: 5790867
Conc: 170.19 ng/ml



#9 AR-1221-2

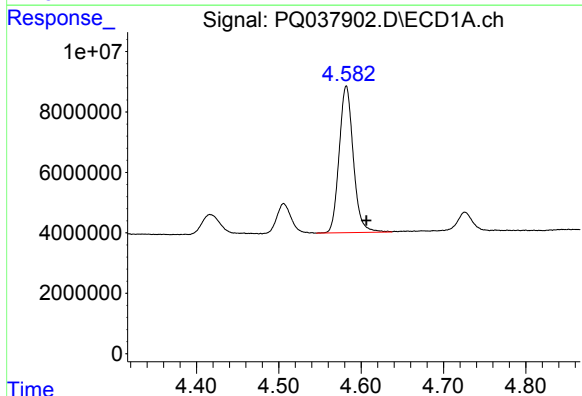
R.T.: 4.506 min
Delta R.T.: -0.024 min
Response: 11908858
Conc: 270.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



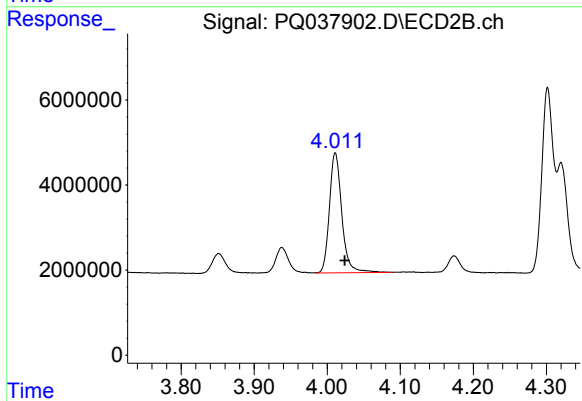
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: -0.012 min
Response: 7193422
Conc: 299.92 ng/ml



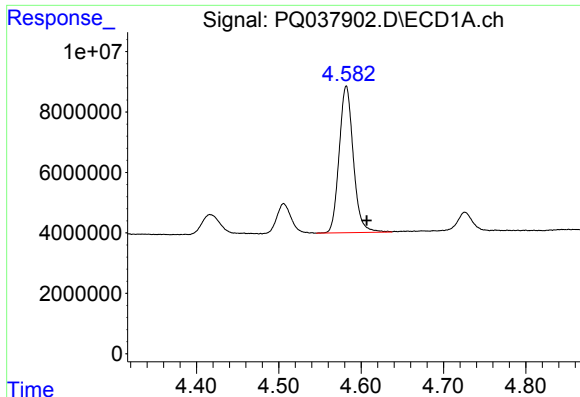
#10 AR-1221-3

R.T.: 4.582 min
Delta R.T.: -0.024 min
Response: 57852126
Conc: 376.38 ng/ml



#10 AR-1221-3

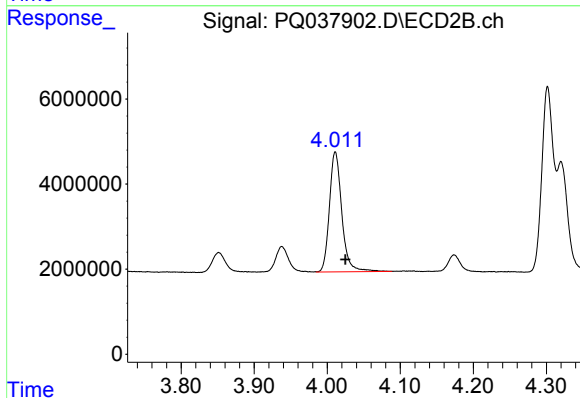
R.T.: 4.011 min
Delta R.T.: -0.013 min
Response: 33201013
Conc: 392.60 ng/ml



#11 AR-1232-1

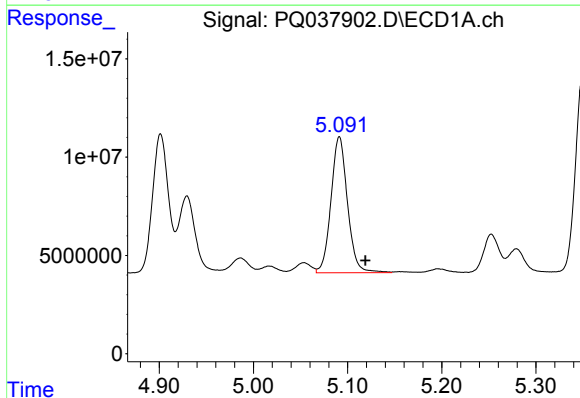
R.T.: 4.582 min
Delta R.T.: -0.025 min
Response: 57852126
Conc: 506.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



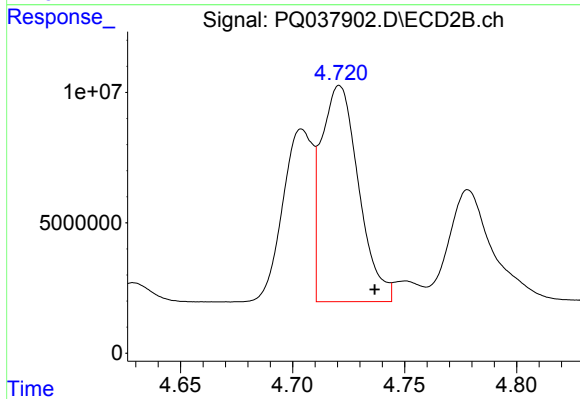
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: -0.014 min
Response: 33201013
Conc: 536.34 ng/ml



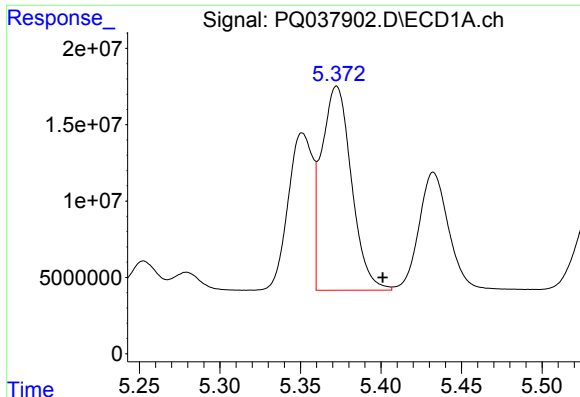
#12 AR-1232-2

R.T.: 5.091 min
Delta R.T.: -0.028 min
Response: 84213062
Conc: 1440.46 ng/ml



#12 AR-1232-2

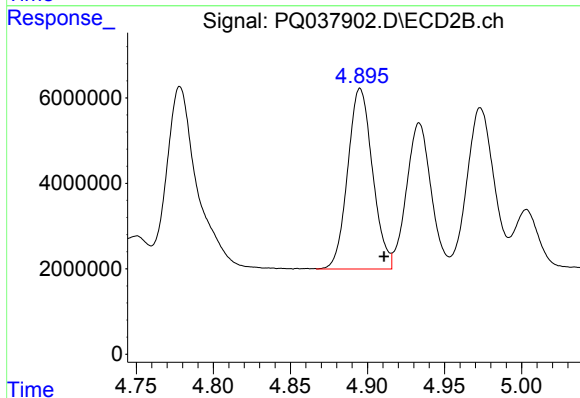
R.T.: 4.721 min
Delta R.T.: -0.016 min
Response: 96270012
Conc: 1401.05 ng/ml



#13 AR-1232-3

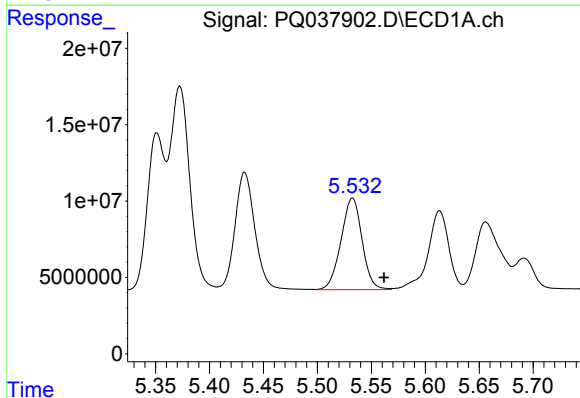
R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 172953652
Conc: 1384.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



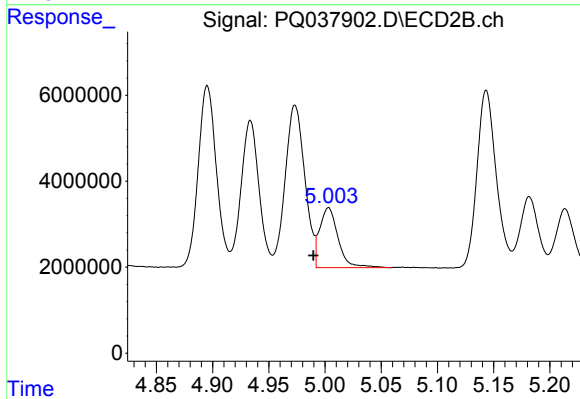
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.016 min
Response: 47417866
Conc: 1361.63 ng/ml



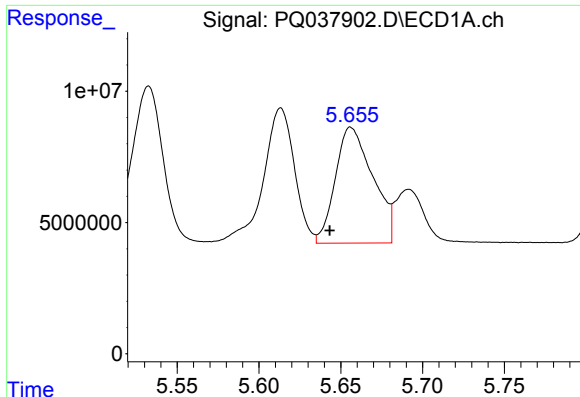
#14 AR-1232-4

R.T.: 5.532 min
Delta R.T.: -0.029 min
Response: 81637897
Conc: 1277.52 ng/ml



#14 AR-1232-4

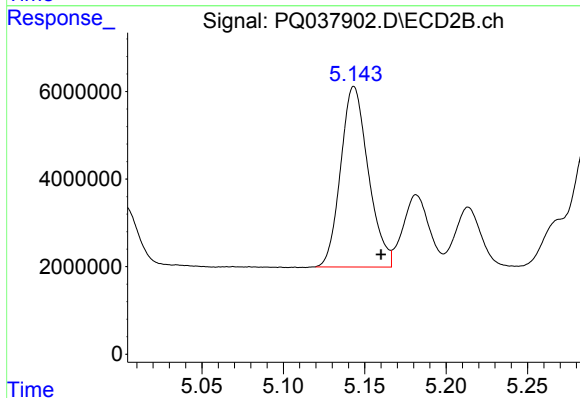
R.T.: 5.003 min
Delta R.T.: 0.014 min
Response: 15890546
Conc: 538.92 ng/ml



#15 AR-1232-5

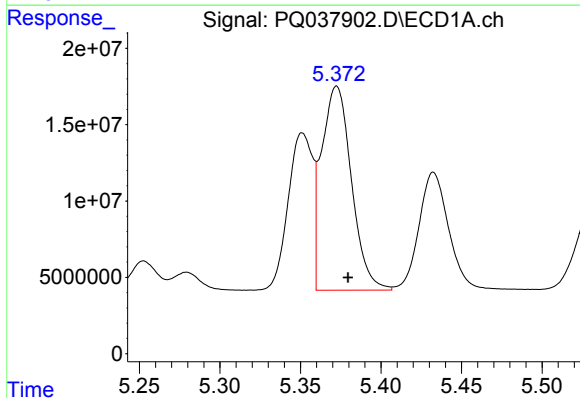
R.T.: 5.656 min
Delta R.T.: 0.013 min
Response: 70391478
Conc: 1543.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



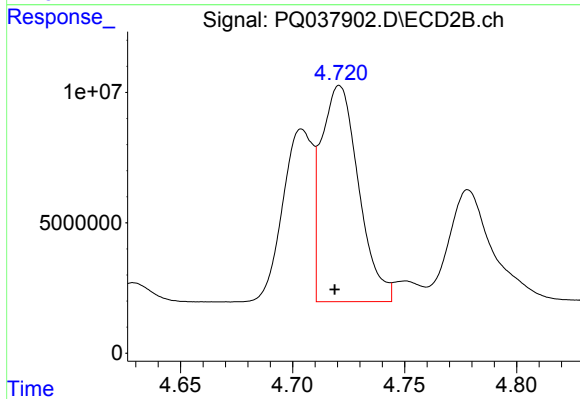
#15 AR-1232-5

R.T.: 5.143 min
Delta R.T.: -0.017 min
Response: 48680102
Conc: 1432.45 ng/ml



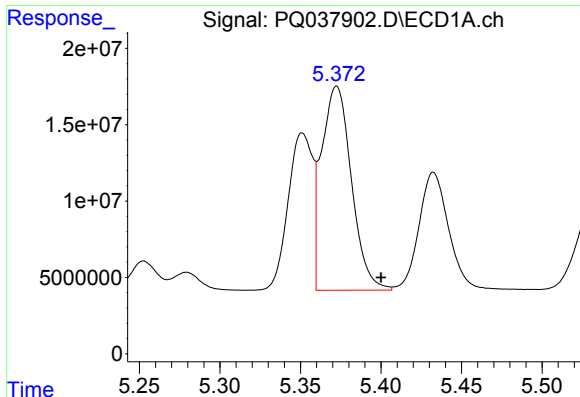
#16 AR-1242-1

R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 172953652
Conc: 1054.36 ng/ml



#16 AR-1242-1

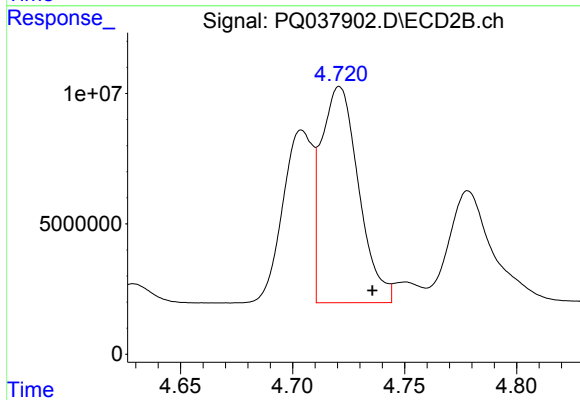
R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 96270012
Conc: 1071.72 ng/ml



#17 AR-1242-2

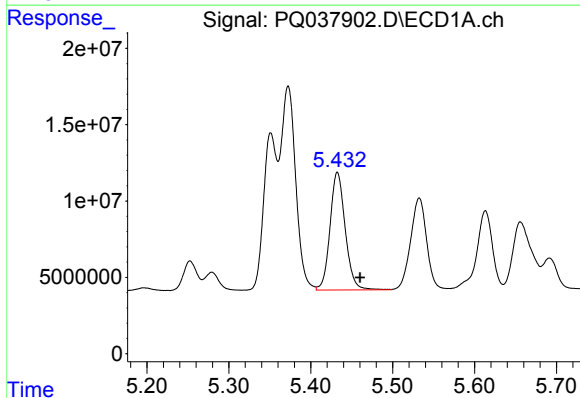
R.T.: 5.372 min
Delta R.T.: -0.028 min
Response: 172953652
Conc: 686.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



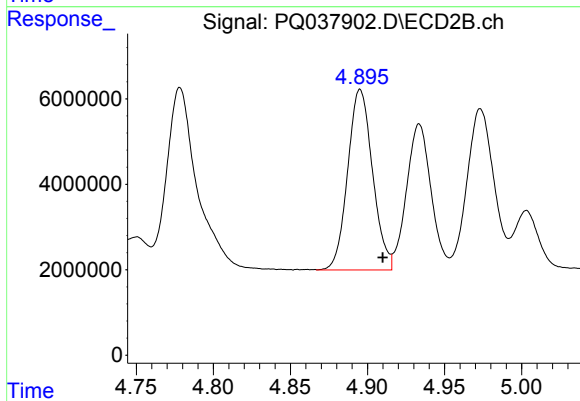
#17 AR-1242-2

R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 96270012
Conc: 705.98 ng/ml



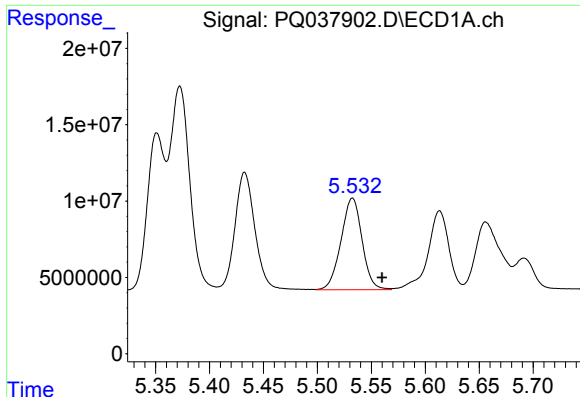
#18 AR-1242-3

R.T.: 5.433 min
Delta R.T.: -0.027 min
Response: 99516253
Conc: 657.91 ng/ml



#18 AR-1242-3

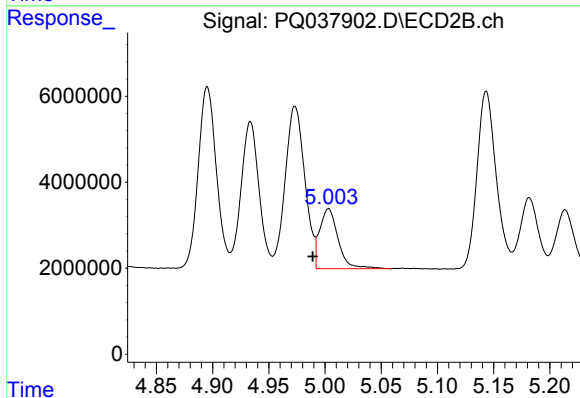
R.T.: 4.895 min
Delta R.T.: -0.015 min
Response: 47417866
Conc: 672.29 ng/ml



#19 AR-1242-4

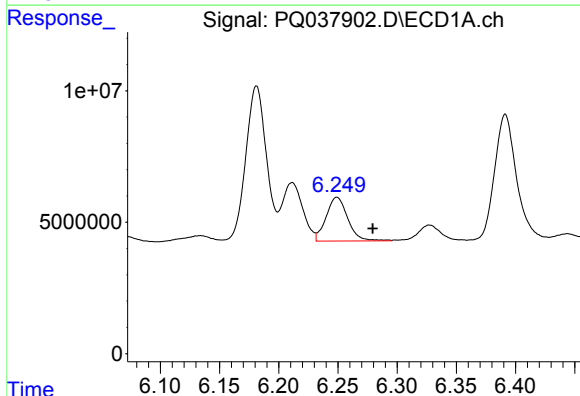
R.T.: 5.532 min
Delta R.T.: -0.027 min
Response: 81637897
Conc: 648.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



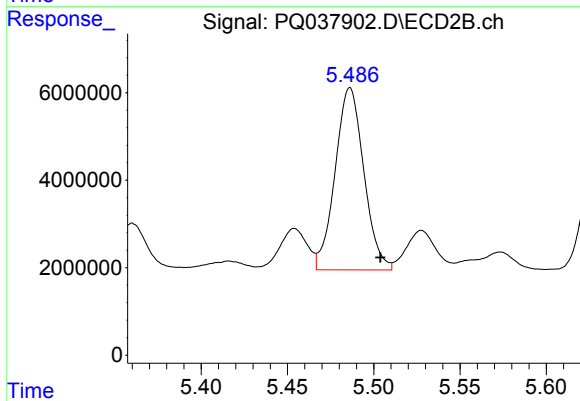
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.014 min
Response: 15890546
Conc: 231.59 ng/ml



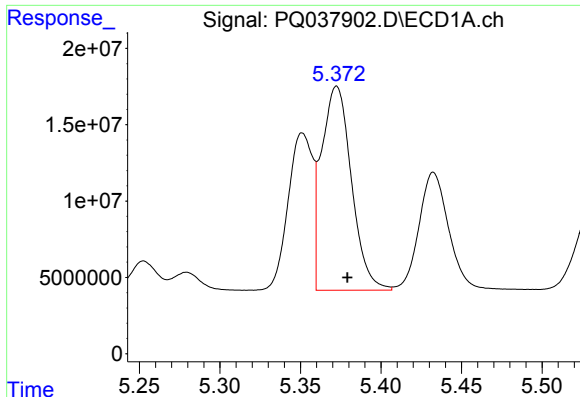
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: -0.030 min
Response: 21274694
Conc: 153.30 ng/ml



#20 AR-1242-5

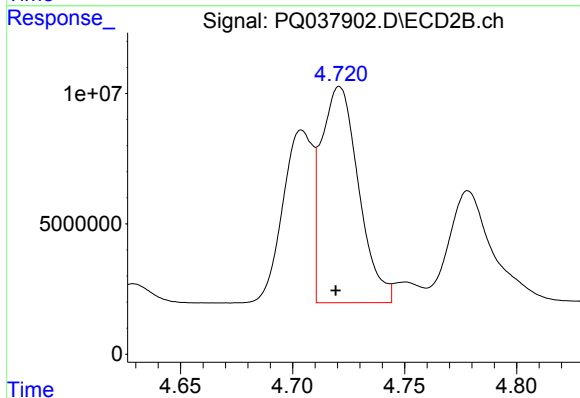
R.T.: 5.486 min
Delta R.T.: -0.018 min
Response: 48289893
Conc: 552.33 ng/ml



#21 AR-1248-1

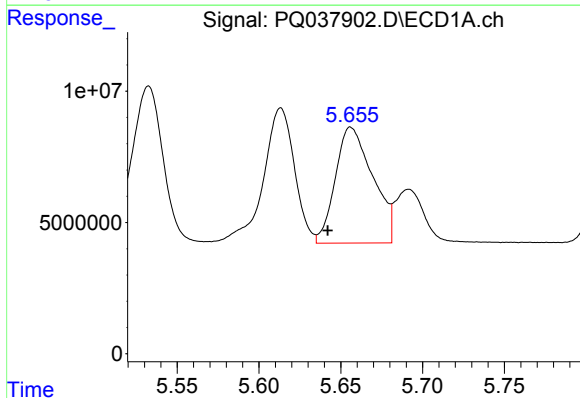
R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 172953652
Conc: 1469.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



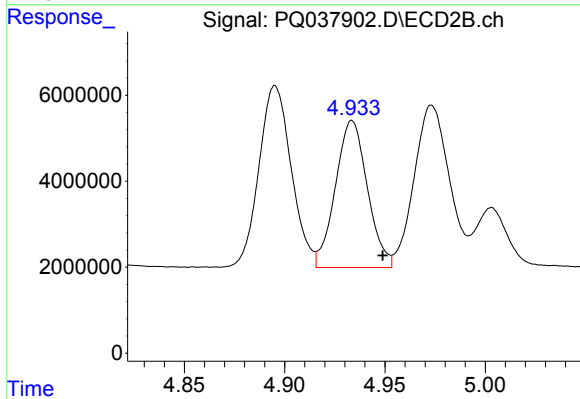
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 96270012
Conc: 1443.15 ng/ml



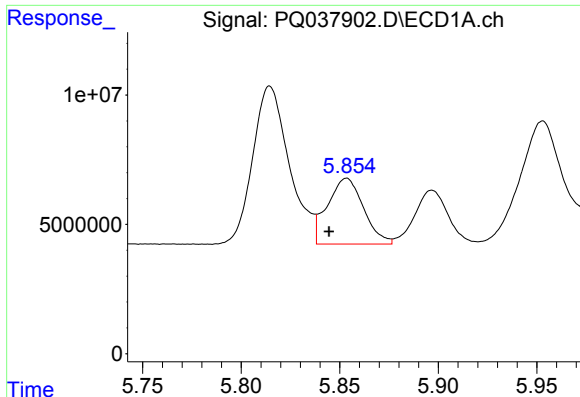
#22 AR-1248-2

R.T.: 5.656 min
Delta R.T.: 0.014 min
Response: 70391478
Conc: 410.31 ng/ml



#22 AR-1248-2

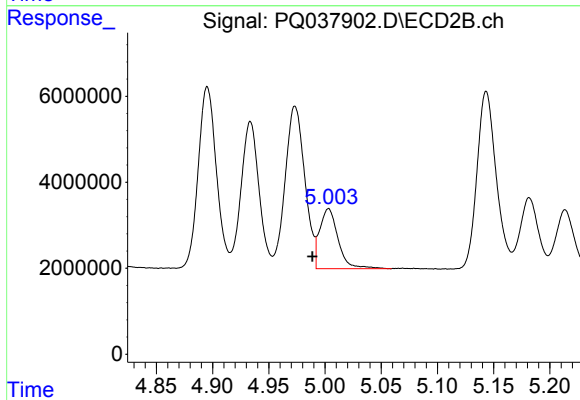
R.T.: 4.934 min
Delta R.T.: -0.015 min
Response: 37937046
Conc: 419.65 ng/ml



#23 AR-1248-3

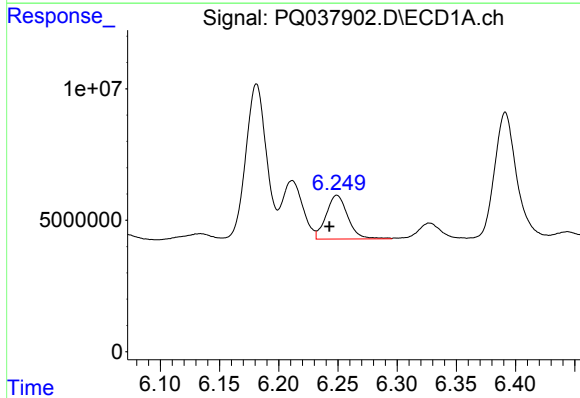
R.T.: 5.853 min
Delta R.T.: 0.009 min
Response: 32489733
Conc: 167.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



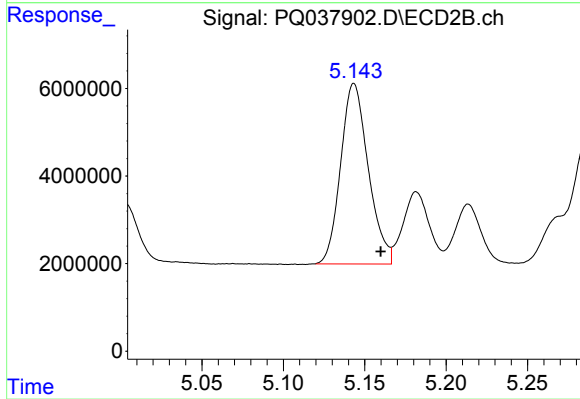
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.014 min
Response: 15890546
Conc: 172.17 ng/ml



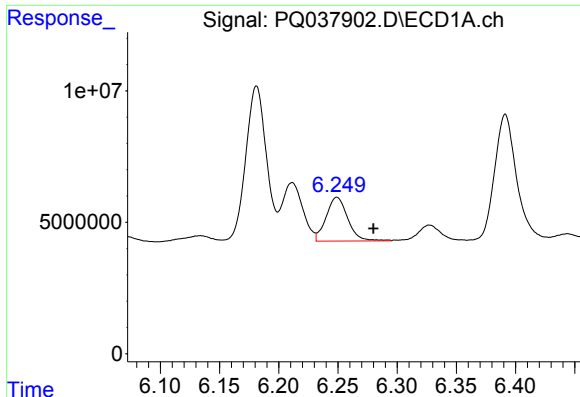
#24 AR-1248-4

R.T.: 6.249 min
Delta R.T.: 0.006 min
Response: 21274694
Conc: 93.57 ng/ml



#24 AR-1248-4

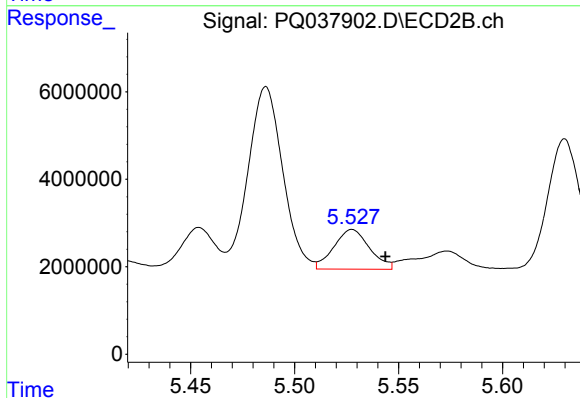
R.T.: 5.143 min
Delta R.T.: -0.016 min
Response: 48680102
Conc: 428.98 ng/ml



#25 AR-1248-5

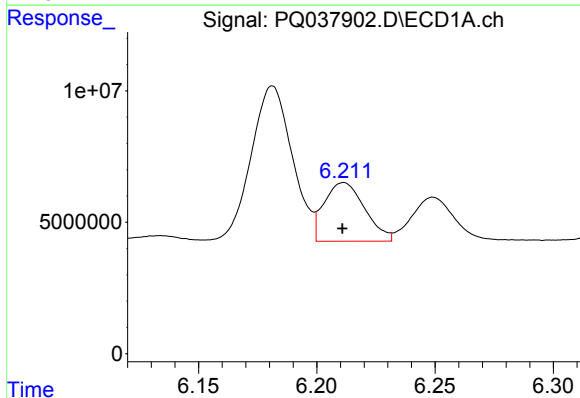
R.T.: 6.249 min
Delta R.T.: -0.031 min
Response: 21274694
Conc: 98.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



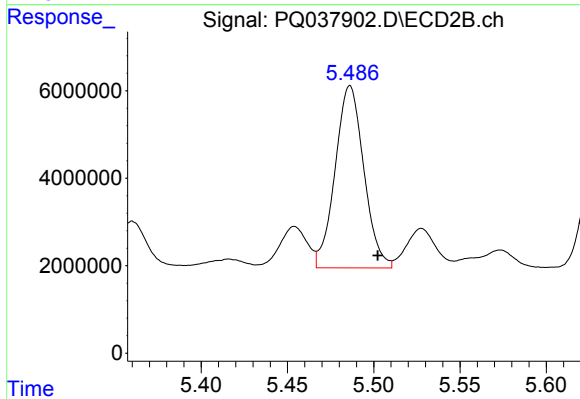
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.016 min
Response: 10852961
Conc: 98.85 ng/ml



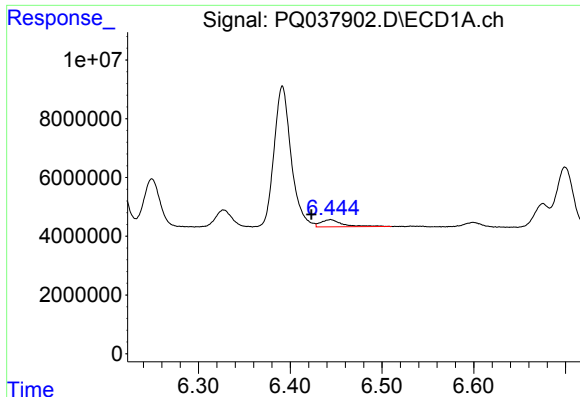
#26 AR-1254-1

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 26647777
Conc: 125.82 ng/ml



#26 AR-1254-1

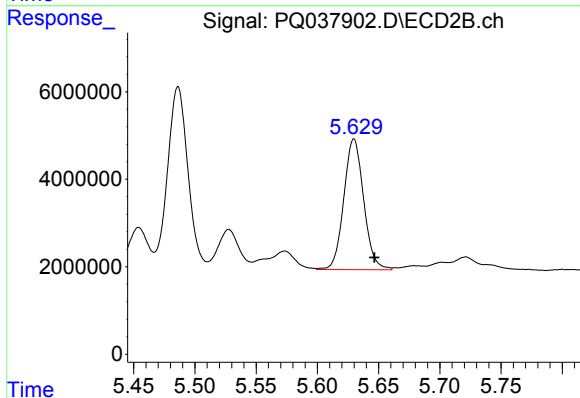
R.T.: 5.486 min
Delta R.T.: -0.016 min
Response: 48289893
Conc: 291.23 ng/ml



#27 AR-1254-2

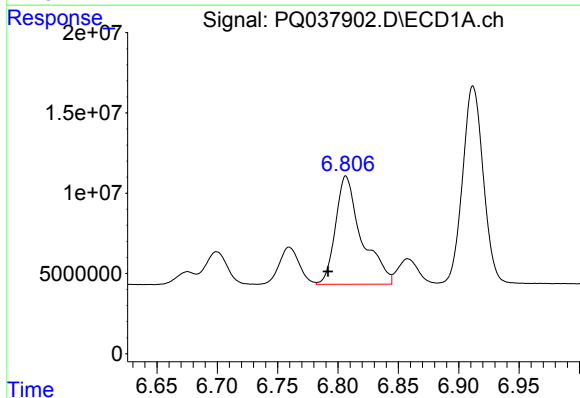
R.T.: 6.444 min
Delta R.T.: 0.020 min
Response: 4054332
Conc: 12.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



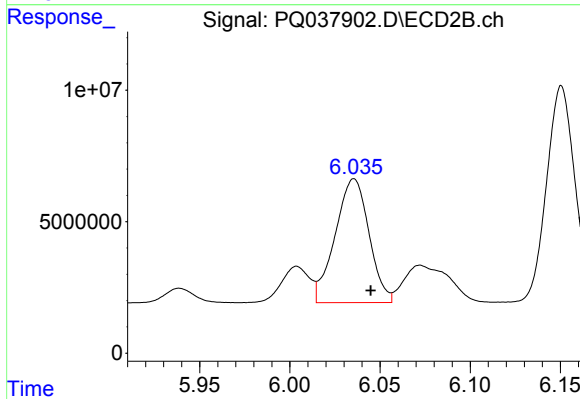
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.017 min
Response: 33818021
Conc: 237.46 ng/ml



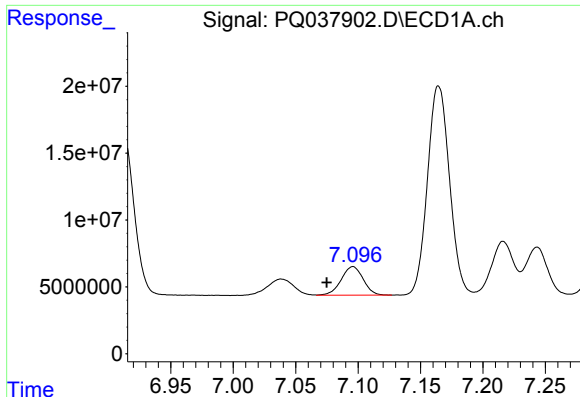
#28 AR-1254-3

R.T.: 6.807 min
Delta R.T.: 0.015 min
Response: 101211532
Conc: 291.63 ng/ml



#28 AR-1254-3

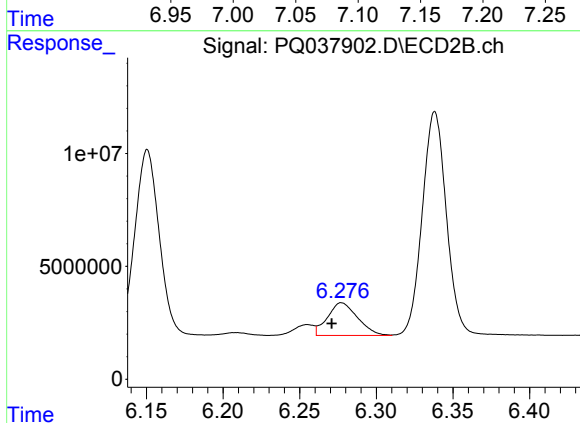
R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 61530768
Conc: 269.68 ng/ml



#29 AR-1254-4

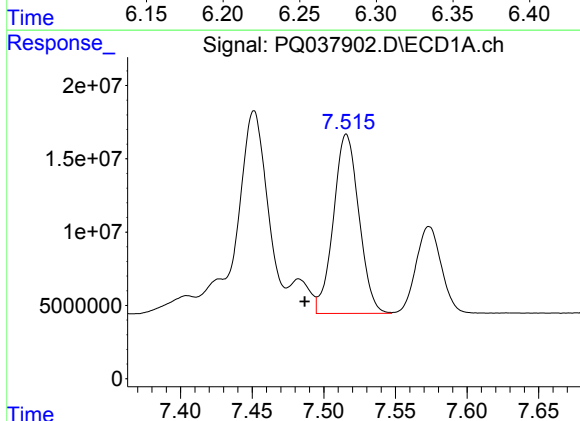
R.T.: 7.096 min
Delta R.T.: 0.021 min
Response: 26342762
Conc: 95.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



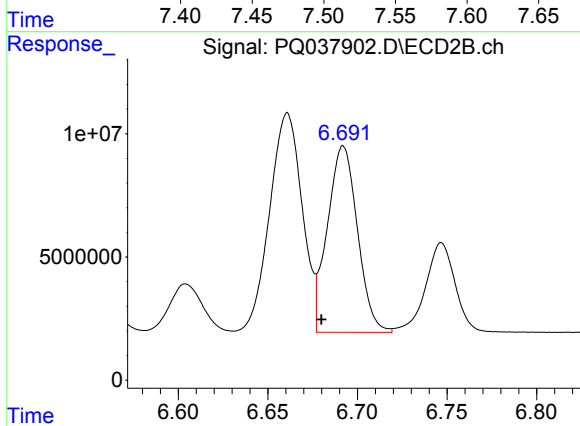
#29 AR-1254-4

R.T.: 6.277 min
Delta R.T.: 0.006 min
Response: 19859317
Conc: 115.64 ng/ml



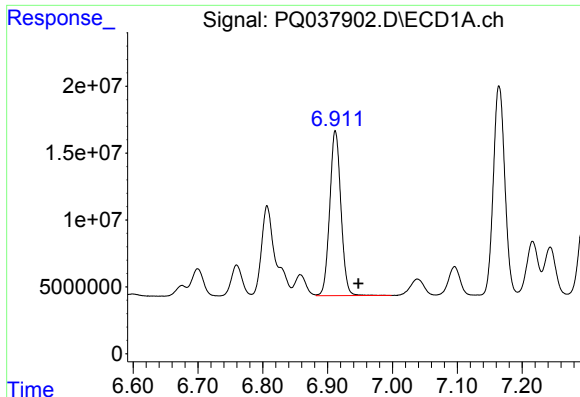
#30 AR-1254-5

R.T.: 7.516 min
Delta R.T.: 0.029 min
Response: 151458161
Conc: 548.00 ng/ml



#30 AR-1254-5

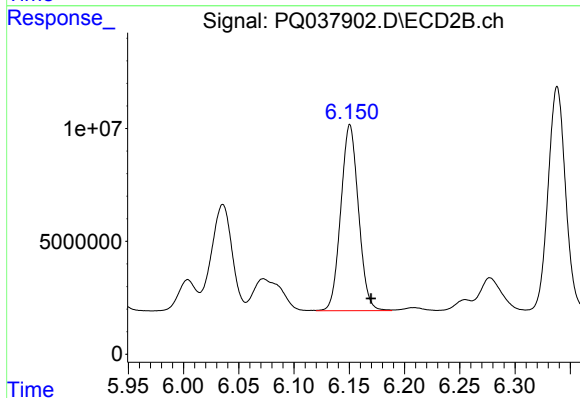
R.T.: 6.692 min
Delta R.T.: 0.012 min
Response: 88538087
Conc: 457.26 ng/ml



#31 AR-1260-1

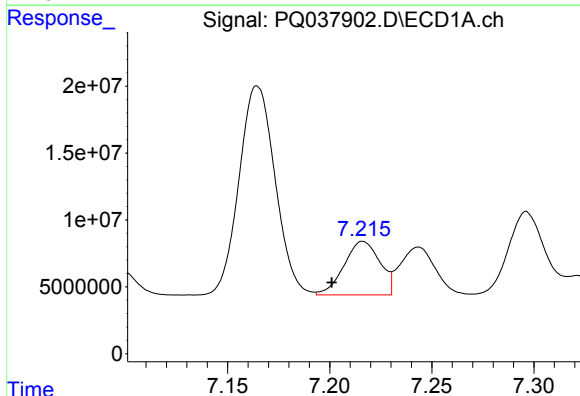
R.T.: 6.912 min
Delta R.T.: -0.036 min
Response: 148049087
Conc: 333.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



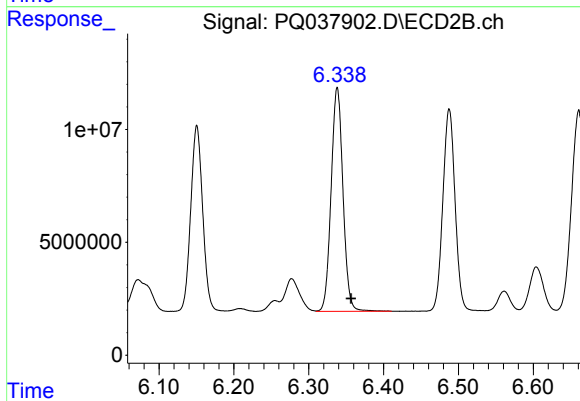
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.019 min
Response: 91731023
Conc: 361.81 ng/ml



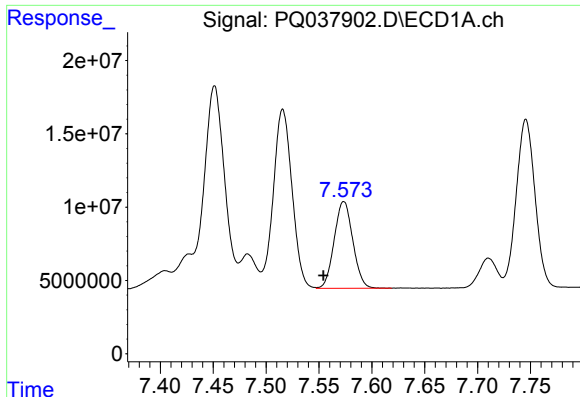
#32 AR-1260-2

R.T.: 7.216 min
Delta R.T.: 0.015 min
Response: 48978685
Conc: 84.71 ng/ml



#32 AR-1260-2

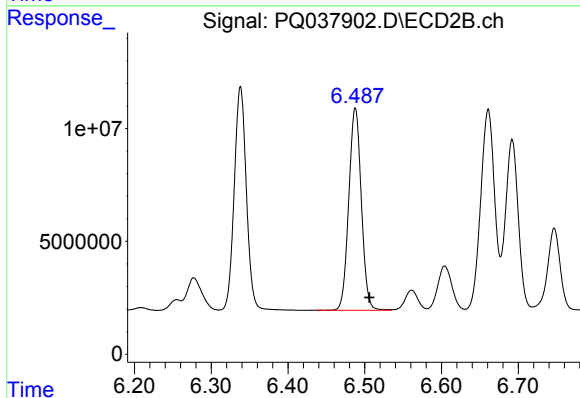
R.T.: 6.338 min
Delta R.T.: -0.019 min
Response: 109257140
Conc: 355.46 ng/ml



#33 AR-1260-3

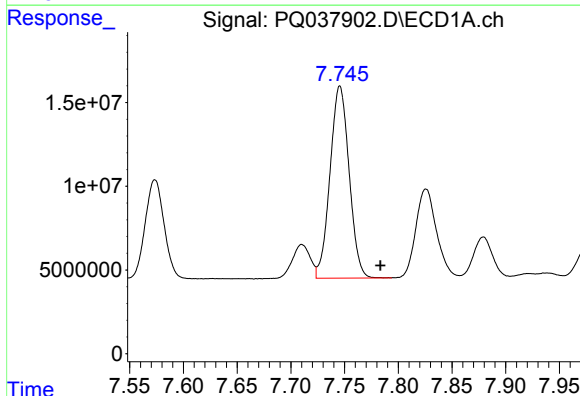
R.T.: 7.573 min
Delta R.T.: 0.019 min
Response: 72703592
Conc: 162.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



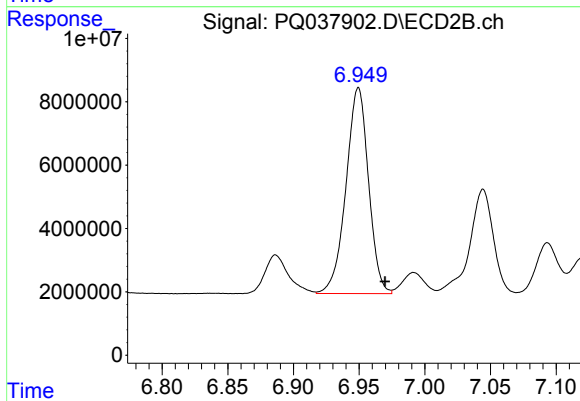
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.019 min
Response: 101718985
Conc: 358.19 ng/ml



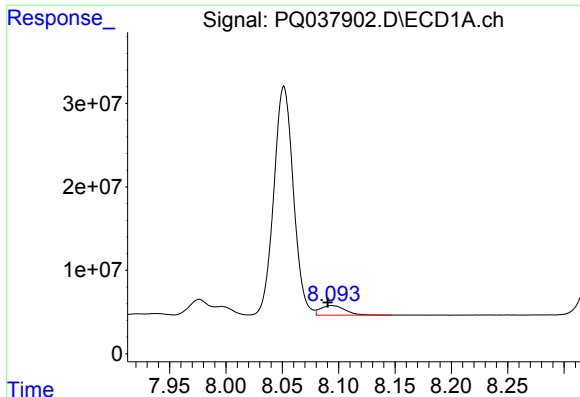
#34 AR-1260-4

R.T.: 7.746 min
Delta R.T.: -0.038 min
Response: 142134805
Conc: 324.51 ng/ml



#34 AR-1260-4

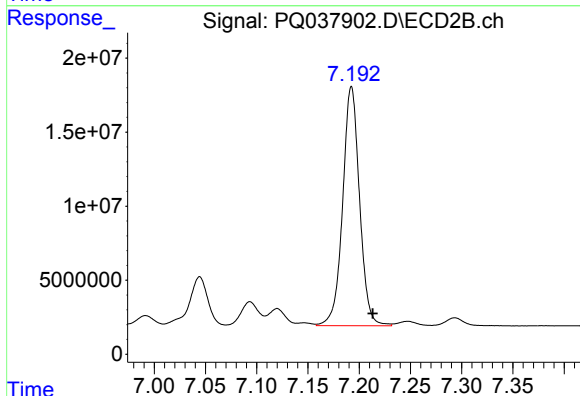
R.T.: 6.949 min
Delta R.T.: -0.020 min
Response: 77716705
Conc: 353.11 ng/ml



#35 AR-1260-5

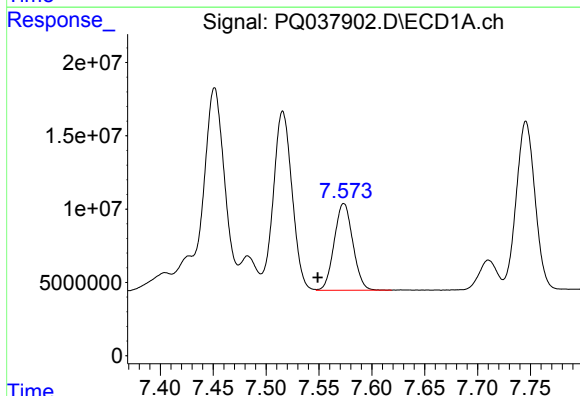
R.T.: 8.094 min
Delta R.T.: 0.004 min
Response: 17417226
Conc: 17.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



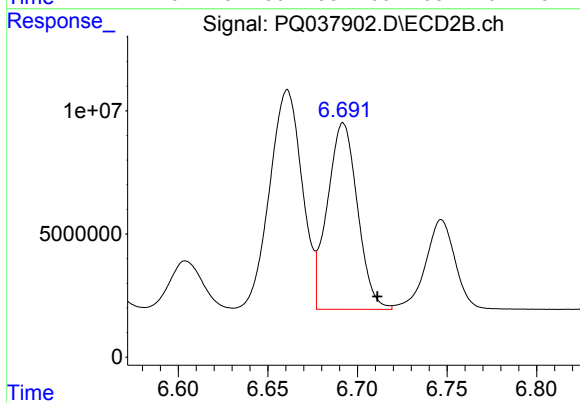
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.021 min
Response: 185266274
Conc: 350.89 ng/ml



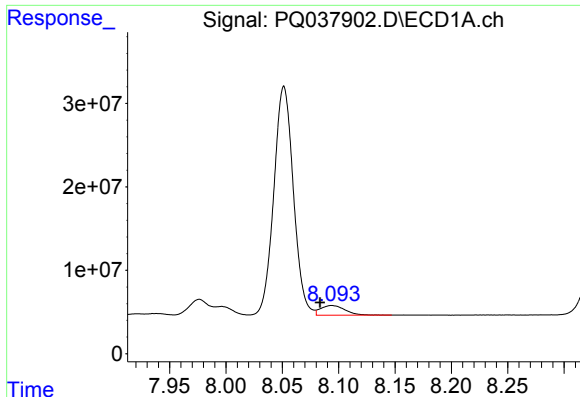
#36 AR-1262-1

R.T.: 7.573 min
Delta R.T.: 0.025 min
Response: 72703592
Conc: 182.02 ng/ml



#36 AR-1262-1

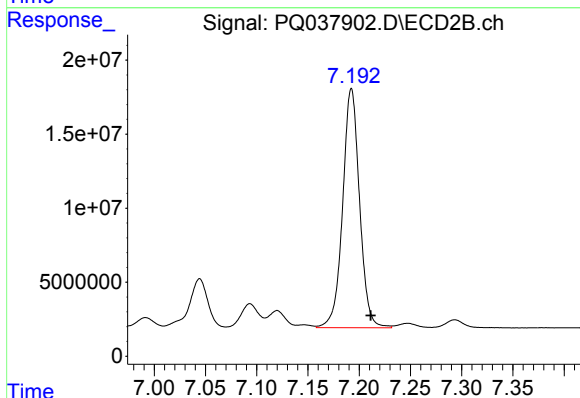
R.T.: 6.692 min
Delta R.T.: -0.019 min
Response: 88538087
Conc: 423.06 ng/ml



#37 AR-1262-2

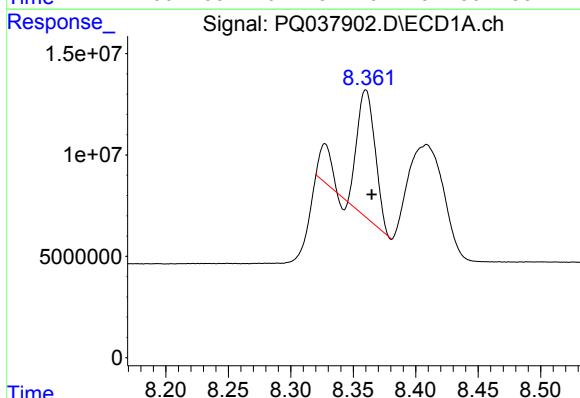
R.T.: 8.094 min
Delta R.T.: 0.011 min
Response: 17417226
Conc: 25.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



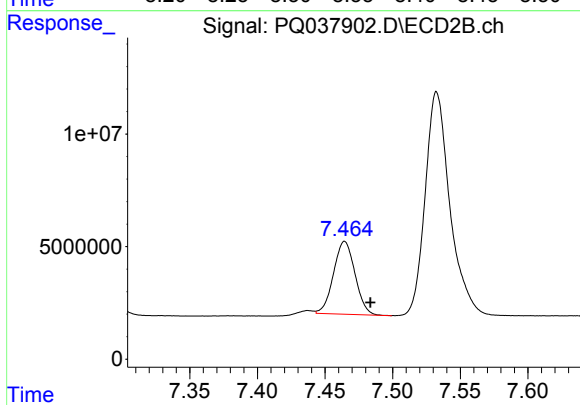
#37 AR-1262-2

R.T.: 7.192 min
Delta R.T.: -0.019 min
Response: 185266274
Conc: 500.10 ng/ml



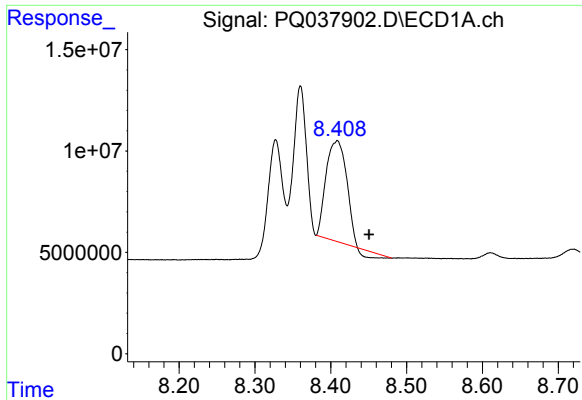
#38 AR-1262-3

R.T.: 8.360 min
Delta R.T.: -0.005 min
Response: 73538085
Conc: 245.60 ng/ml



#38 AR-1262-3

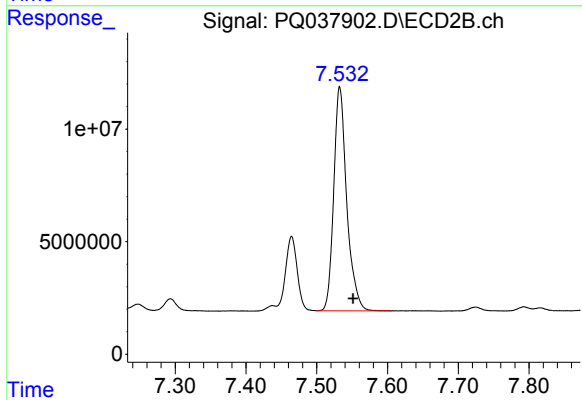
R.T.: 7.465 min
Delta R.T.: -0.019 min
Response: 35803369
Conc: 244.96 ng/ml



#39 AR-1262-4

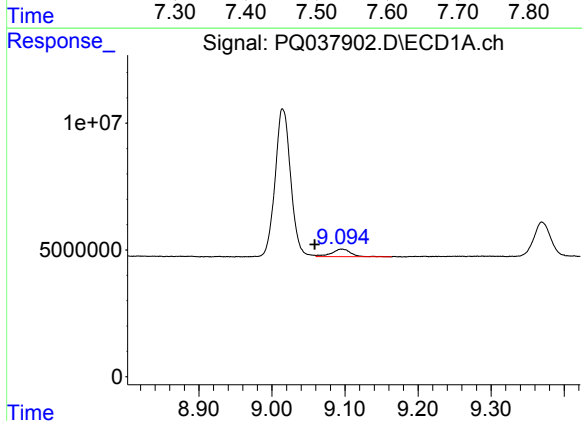
R.T.: 8.408 min
Delta R.T.: -0.043 min
Response: 88791238
Conc: 252.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



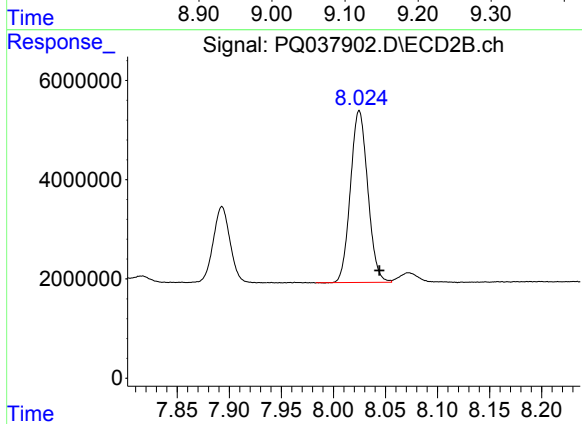
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: -0.019 min
Response: 126901958
Conc: 475.86 ng/ml



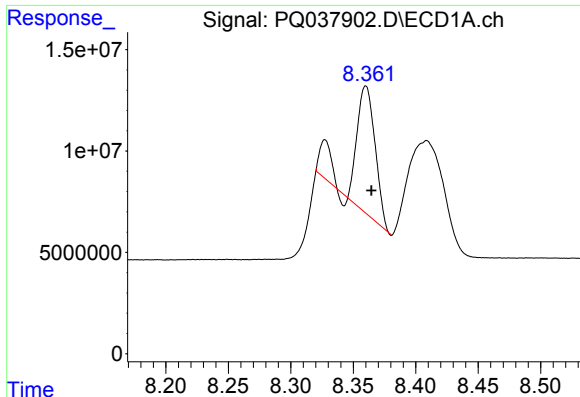
#40 AR-1262-5

R.T.: 9.096 min
Delta R.T.: 0.037 min
Response: 5580131
Conc: 23.40 ng/ml



#40 AR-1262-5

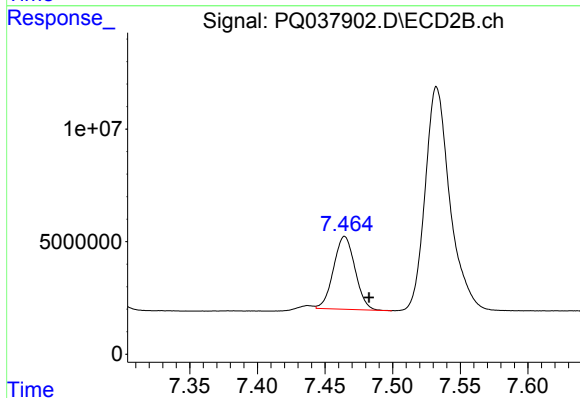
R.T.: 8.025 min
Delta R.T.: -0.019 min
Response: 40122625
Conc: 343.43 ng/ml



#41 AR-1268-1

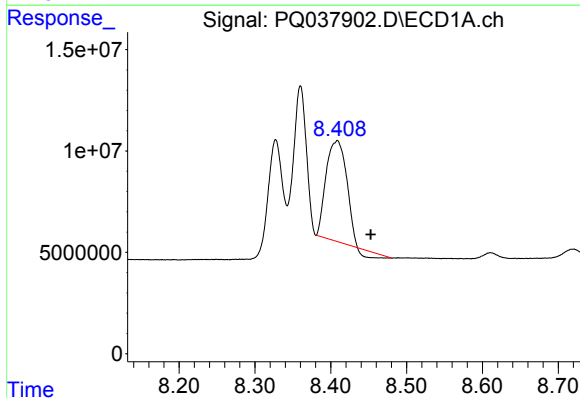
R.T.: 8.360 min
Delta R.T.: -0.004 min
Response: 73538085
Conc: 54.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



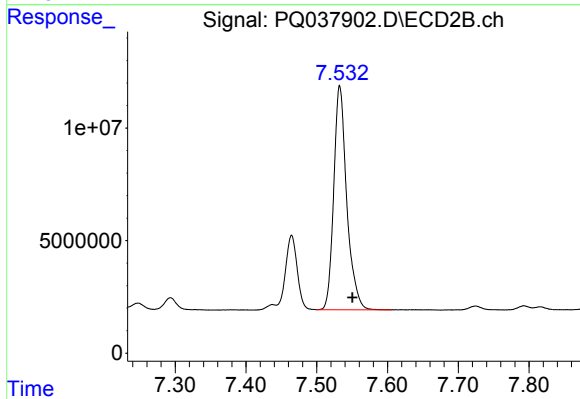
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 35803369
Conc: 54.66 ng/ml



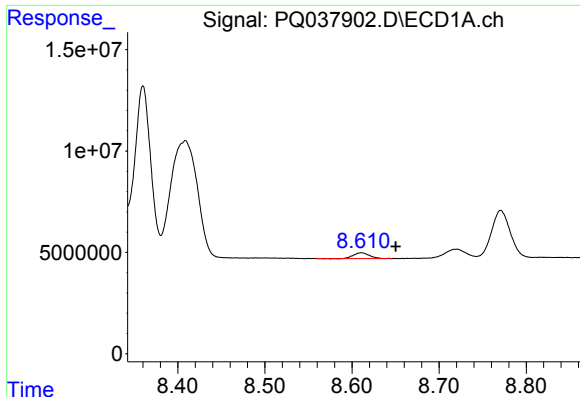
#42 AR-1268-2

R.T.: 8.408 min
Delta R.T.: -0.045 min
Response: 88791238
Conc: 72.08 ng/ml



#42 AR-1268-2

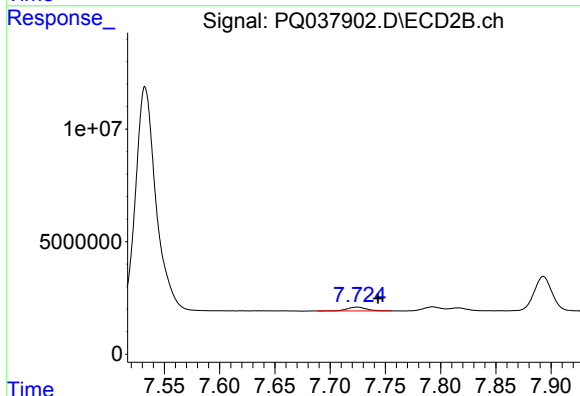
R.T.: 7.533 min
Delta R.T.: -0.018 min
Response: 126901958
Conc: 212.19 ng/ml



#43 AR-1268-3

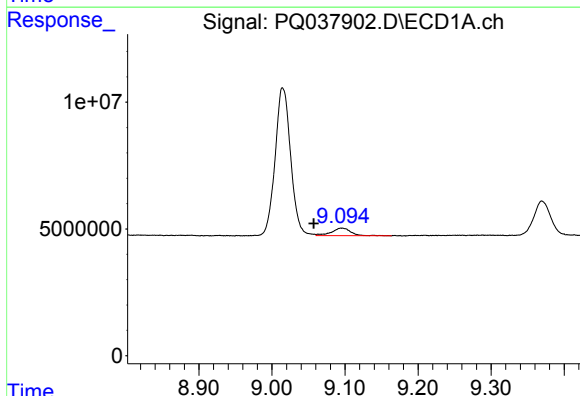
R.T.: 8.611 min
Delta R.T.: -0.039 min
Response: 3717139
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



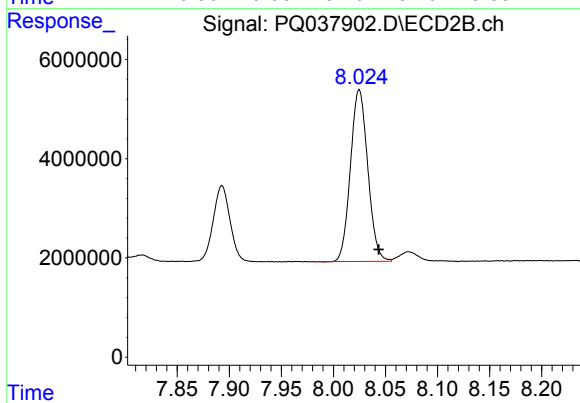
#43 AR-1268-3

R.T.: 7.725 min
Delta R.T.: -0.019 min
Response: 1977109
Conc: 3.97 ng/ml



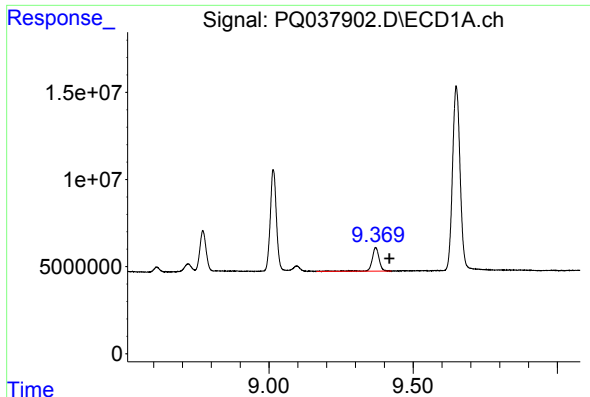
#44 AR-1268-4

R.T.: 9.096 min
Delta R.T.: 0.038 min
Response: 5580131
Conc: 13.99 ng/ml



#44 AR-1268-4

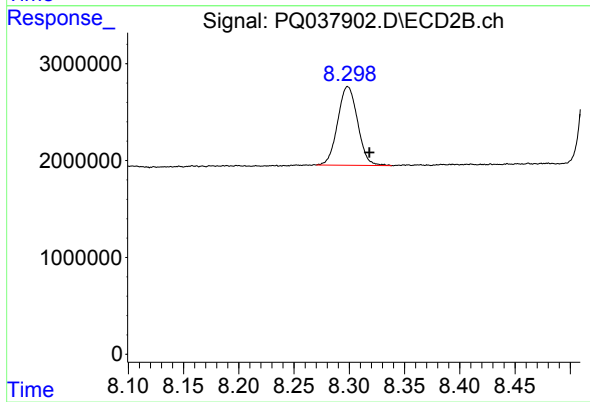
R.T.: 8.025 min
Delta R.T.: -0.019 min
Response: 40122625
Conc: 204.71 ng/ml



#45 AR-1268-5

R.T.: 9.370 min
Delta R.T.: -0.048 min
Response: 23050463
Conc: 7.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660374



#45 AR-1268-5

R.T.: 8.299 min
Delta R.T.: -0.020 min
Response: 10179360
Conc: 6.62 ng/ml