

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
 Data File : PQ037804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 12:07
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660367

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:49:32 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...	4.211	3.649	122.8E6	60641800	21.596	23.023
2)	SA Decachlor...	9.657	8.532	52464815	88382177	10.388	38.095 #
Target Compounds							
3)	L1 AR-1016-1	5.374	4.722	174.2E6	96828844	602.869	627.617
4)	L1 AR-1016-2	5.374	4.722	174.2E6	96828844	389.912	403.379
5)	L1 AR-1016-3	5.435	4.897	102.7E6	49803811	390.792	409.006
6)	L1 AR-1016-4	5.533	4.935	84189330	40233215	382.936	430.789
7)	L1 AR-1016-5	5.855	5.146	34220821	48693849	159.200	388.753 #
8)	L2 AR-1221-1	4.418	3.853	9473274	5520014	151.183	162.228
9)	L2 AR-1221-2	4.507	3.940	12103153	6688437	274.846	278.865
10)	L2 AR-1221-3	4.582	4.013	57133899	32084685	371.705	379.403
11)	L3 AR-1232-1	4.582	4.013	57133899	32084685	500.639	518.311
12)	L3 AR-1232-2	5.093	4.722	83909081	96828844	1435.265	1409.184
13)	L3 AR-1232-3	5.374	4.897	174.2E6	49803811	1394.914	1430.142
14)	L3 AR-1232-4	5.533	4.976	84189330	50026349	1317.451	1696.632 #
15)	L3 AR-1232-5	5.658	5.146	71201655	48693849	1561.197	1432.853
16)	L4 AR-1242-1	5.374	4.722	174.2E6	96828844	1062.228	1077.942
17)	L4 AR-1242-2	5.374	4.722	174.2E6	96828844	691.315	710.076
18)	L4 AR-1242-3	5.435	4.897	102.7E6	49803811	679.044	706.123
19)	L4 AR-1242-4	5.533	4.976	84189330	50026349	668.823	729.095
20)	L4 AR-1242-5	6.251	5.488	26768066	52748653	192.888	603.329 #
21)	L5 AR-1248-1	5.374	4.722	174.2E6	96828844	1480.492	1451.527
22)	L5 AR-1248-2	5.658	4.935	71201655	40233215	415.027	445.050
23)	L5 AR-1248-3	5.855	4.976	34220821	50026349	176.140	542.037 #
24)	L5 AR-1248-4	6.251	5.146	26768066	48693849	117.729	429.098 #
25)	L5 AR-1248-5	6.251	5.529	26768066	15009559	123.945	136.711
26)	L6 AR-1254-1	6.214	5.488	31104712	52748653	146.866	318.123 #
27)	L6 AR-1254-2	6.446	5.632	3165571	42496689	9.440	298.404 #
28)	L6 AR-1254-3	6.810	6.037	106.2E6	63938704	305.858	280.235
29)	L6 AR-1254-4	7.098	6.280	27762797	20544966	100.316	119.629
30)	L6 AR-1254-5	7.486	6.694	26354671	92740973	95.356	478.966 #
31)	L7 AR-1260-1	6.915	6.153	150.6E6	96155860	338.958	379.264
32)	L7 AR-1260-2	7.219	6.340	52214224	115.7E6	90.306	376.528 #
33)	L7 AR-1260-3	7.578	6.490	77753322	107.0E6	174.045	376.636 #
34)	L7 AR-1260-4	7.749	6.952	151.2E6	83389328	345.179	378.884
35)	L7 AR-1260-5	8.097	7.195	18038202	200.0E6	17.996	378.830 #
36)	L8 AR-1262-1	7.521	6.694	157.6E6	92740973	394.665	443.139
37)	L8 AR-1262-2	8.097	7.195	18038202	200.0E6	26.039	539.921 #
38)	L8 AR-1262-3	8.365	7.468	87233087	39467665	291.336	270.029
39)	L8 AR-1262-4	8.413	7.536	98403869	135.9E6	280.055	509.720 #
40)	L8 AR-1262-5	9.022	8.028	89570338	42075391	375.574	360.143
41)	L9 AR-1268-1	8.365	7.468	87233087	39467665	65.070	60.252

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
 Data File : PQ037804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 12:07
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

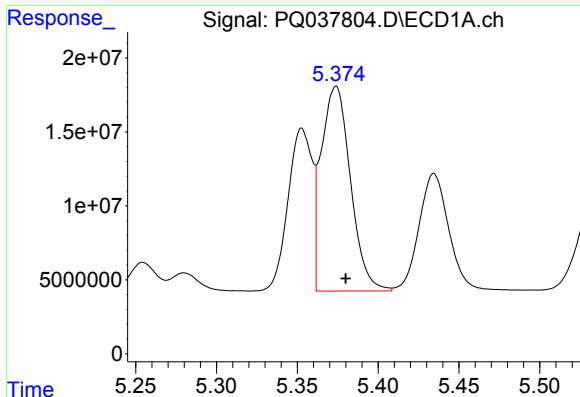
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660367

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:49:32 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	8.413	7.536	98403869	135.9E6	79.883	227.294 #
43) L9	AR-1268-3	8.616	7.727	5023026	1869703	4.584	3.756
44) L9	AR-1268-4	9.022	8.028	89570338	42075391	224.567	214.669
45) L9	AR-1268-5	9.377	8.302	22476772	10555634	6.914	6.860

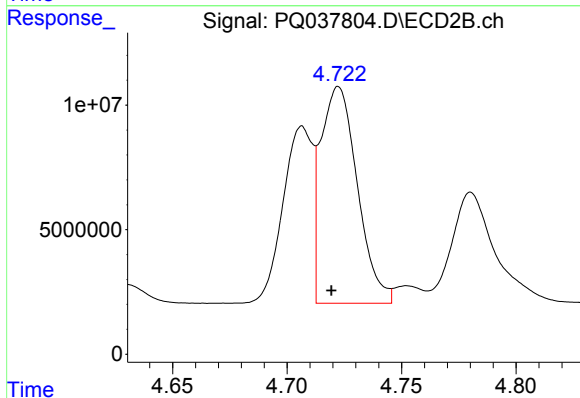
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

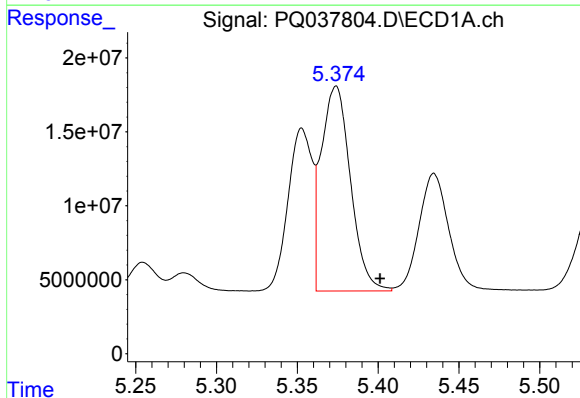
R.T.: 5.374 min
Delta R.T.: -0.006 min
Response: 174244421
Conc: 602.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



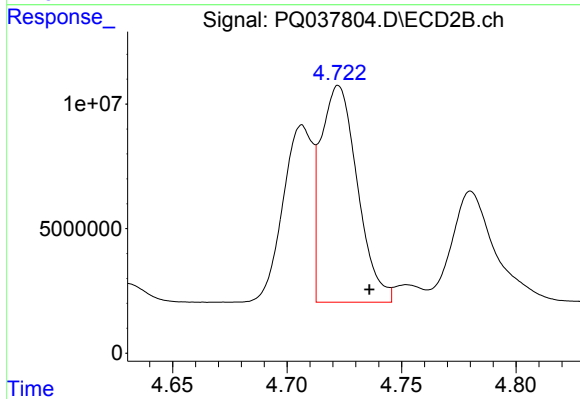
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 96828844
Conc: 627.62 ng/ml



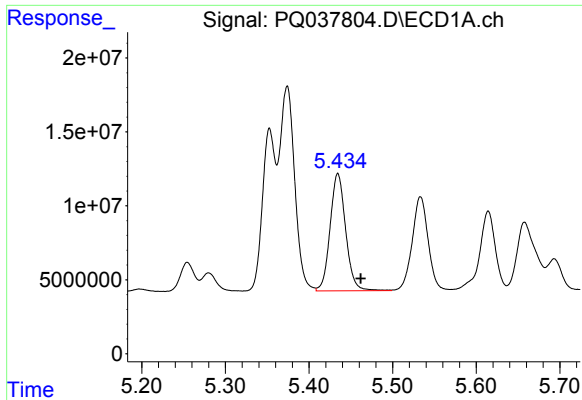
#4 AR-1016-2

R.T.: 5.374 min
Delta R.T.: -0.027 min
Response: 174244421
Conc: 389.91 ng/ml



#4 AR-1016-2

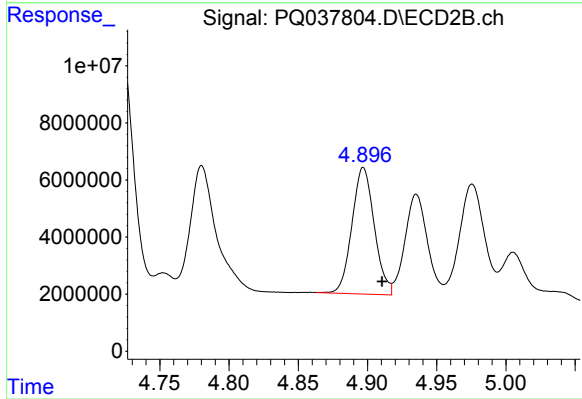
R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 96828844
Conc: 403.38 ng/ml



#5 AR-1016-3

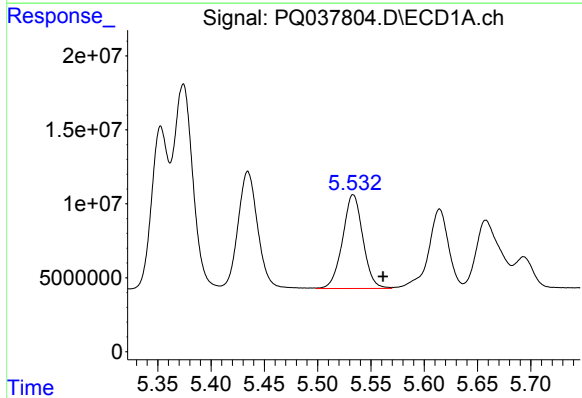
R.T.: 5.435 min
Delta R.T.: -0.027 min
Response: 102713592
Conc: 390.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



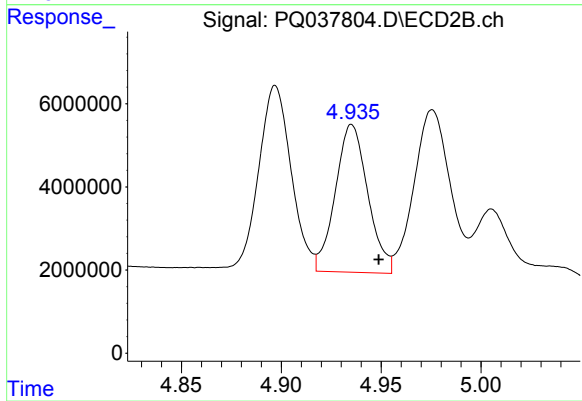
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.013 min
Response: 49803811
Conc: 409.01 ng/ml



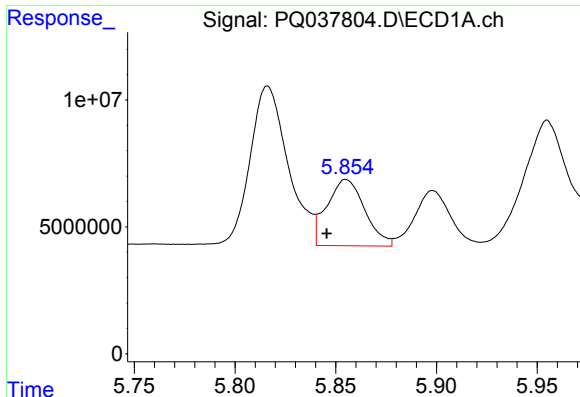
#6 AR-1016-4

R.T.: 5.533 min
Delta R.T.: -0.028 min
Response: 84189330
Conc: 382.94 ng/ml



#6 AR-1016-4

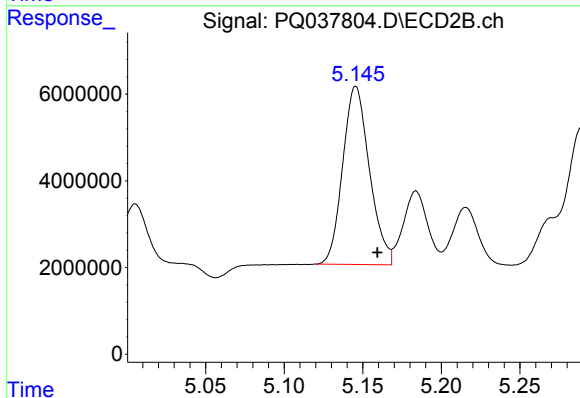
R.T.: 4.935 min
Delta R.T.: -0.013 min
Response: 40233215
Conc: 430.79 ng/ml



#7 AR-1016-5

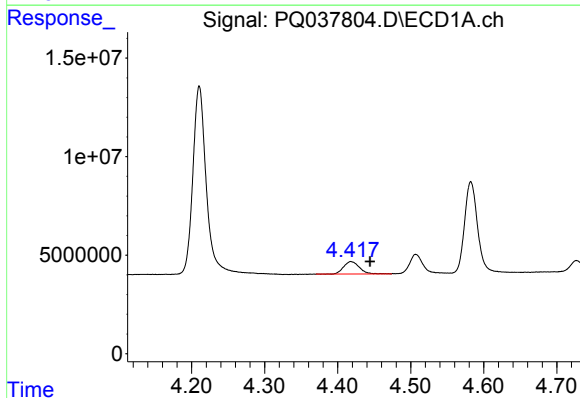
R.T.: 5.855 min
Delta R.T.: 0.010 min
Response: 34220821
Conc: 159.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



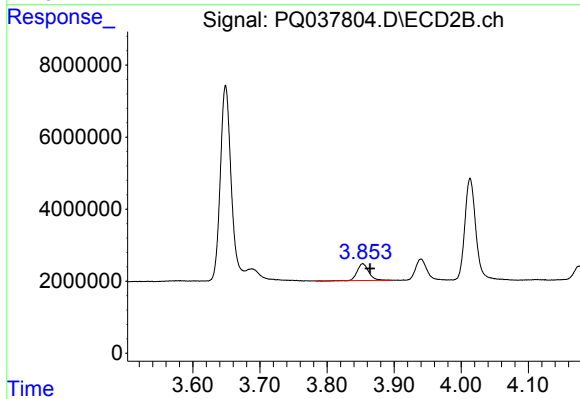
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: -0.014 min
Response: 48693849
Conc: 388.75 ng/ml



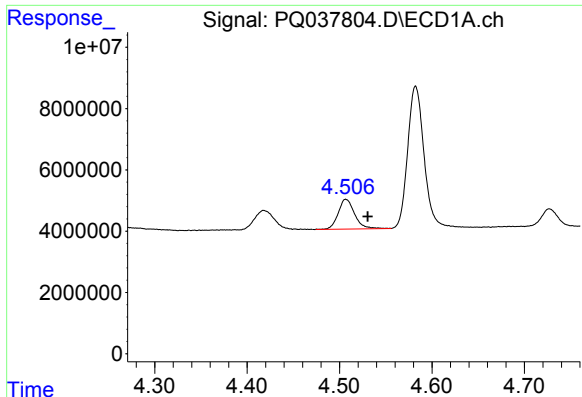
#8 AR-1221-1

R.T.: 4.418 min
Delta R.T.: -0.026 min
Response: 9473274
Conc: 151.18 ng/ml



#8 AR-1221-1

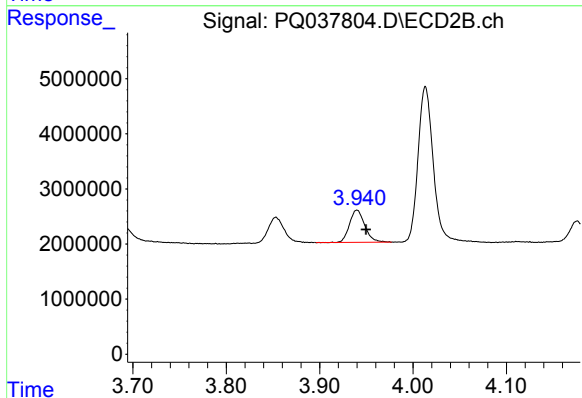
R.T.: 3.853 min
Delta R.T.: -0.011 min
Response: 5520014
Conc: 162.23 ng/ml



#9 AR-1221-2

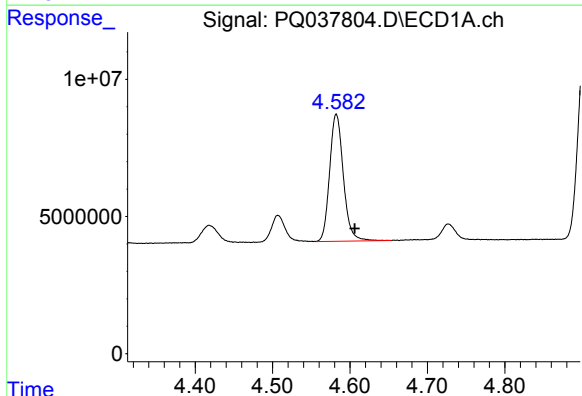
R.T.: 4.507 min
Delta R.T.: -0.024 min
Response: 12103153
Conc: 274.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



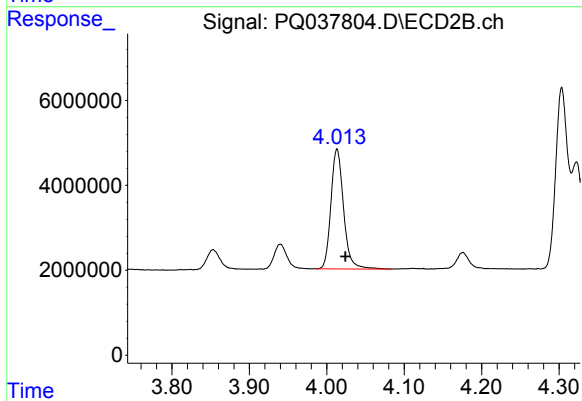
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: -0.010 min
Response: 6688437
Conc: 278.87 ng/ml



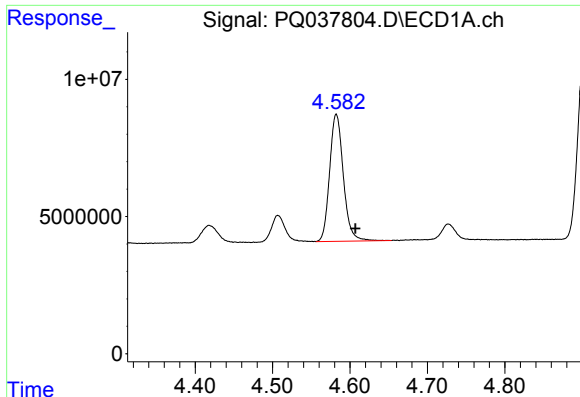
#10 AR-1221-3

R.T.: 4.582 min
Delta R.T.: -0.024 min
Response: 57133899
Conc: 371.70 ng/ml



#10 AR-1221-3

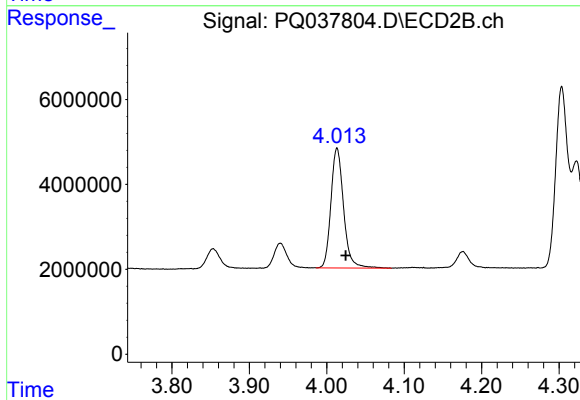
R.T.: 4.013 min
Delta R.T.: -0.011 min
Response: 32084685
Conc: 379.40 ng/ml



#11 AR-1232-1

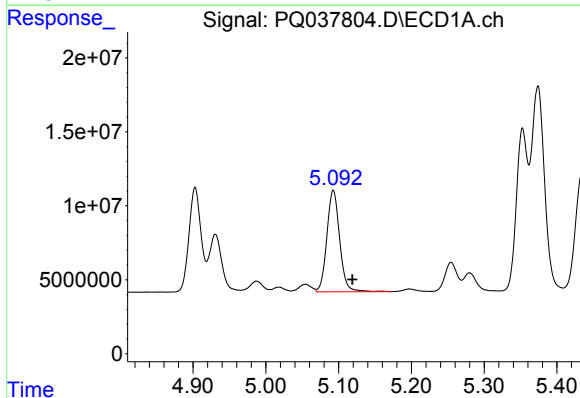
R.T.: 4.582 min
Delta R.T.: -0.025 min
Response: 57133899
Conc: 500.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



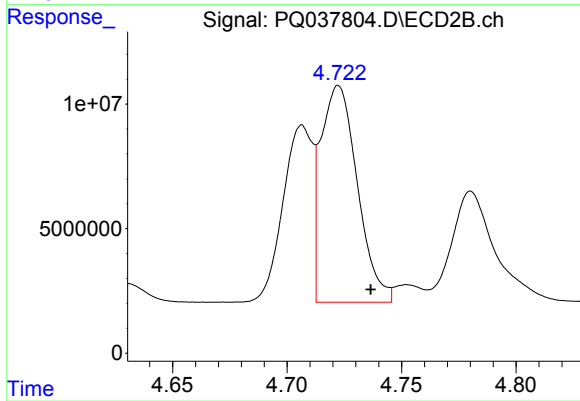
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: -0.011 min
Response: 32084685
Conc: 518.31 ng/ml



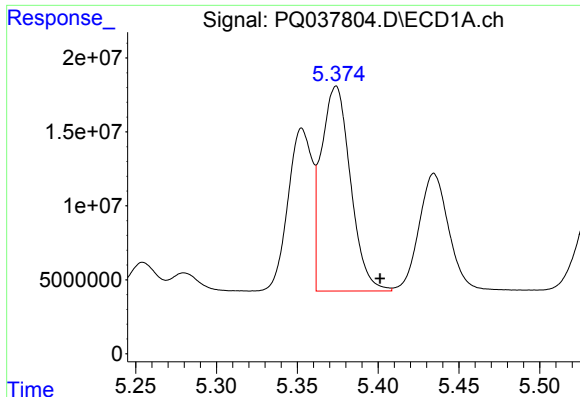
#12 AR-1232-2

R.T.: 5.093 min
Delta R.T.: -0.026 min
Response: 83909081
Conc: 1435.27 ng/ml



#12 AR-1232-2

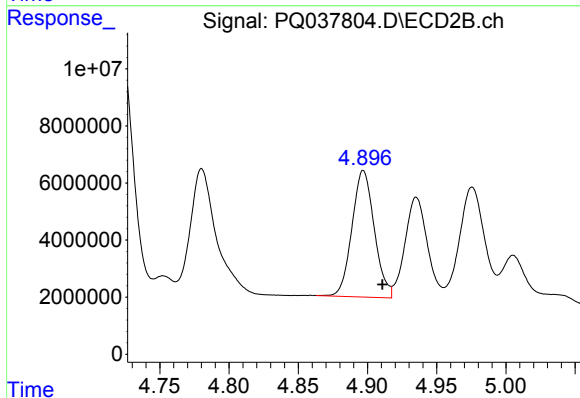
R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 96828844
Conc: 1409.18 ng/ml



#13 AR-1232-3

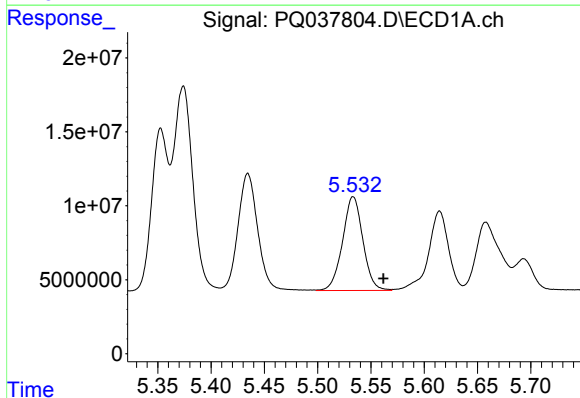
R.T.: 5.374 min
Delta R.T.: -0.027 min
Response: 174244421
Conc: 1394.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



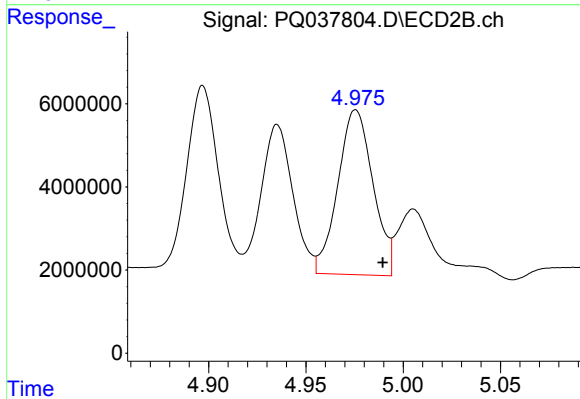
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.014 min
Response: 49803811
Conc: 1430.14 ng/ml



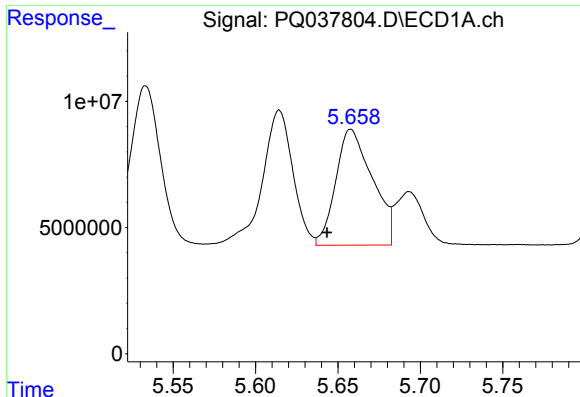
#14 AR-1232-4

R.T.: 5.533 min
Delta R.T.: -0.028 min
Response: 84189330
Conc: 1317.45 ng/ml



#14 AR-1232-4

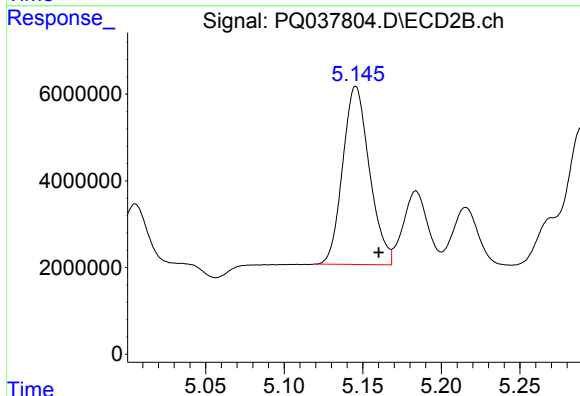
R.T.: 4.976 min
Delta R.T.: -0.014 min
Response: 50026349
Conc: 1696.63 ng/ml



#15 AR-1232-5

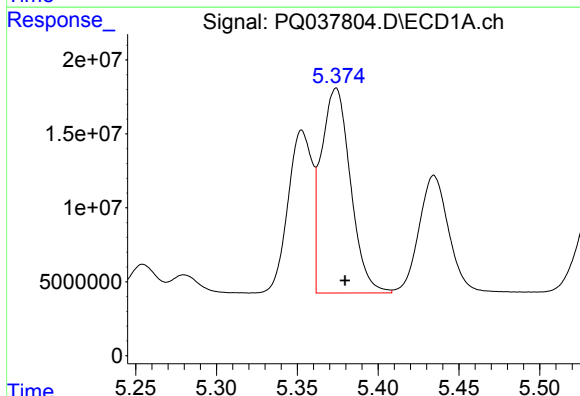
R.T.: 5.658 min
Delta R.T.: 0.014 min
Response: 71201655
Conc: 1561.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



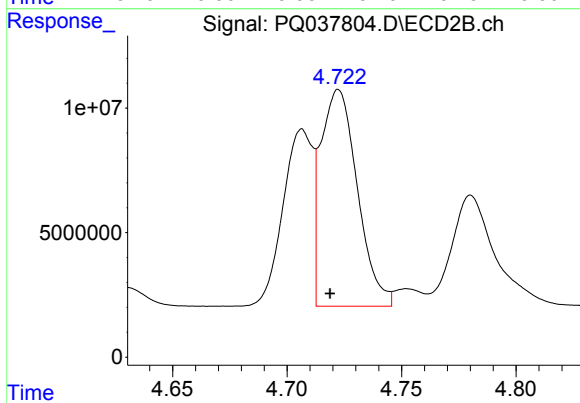
#15 AR-1232-5

R.T.: 5.146 min
Delta R.T.: -0.015 min
Response: 48693849
Conc: 1432.85 ng/ml



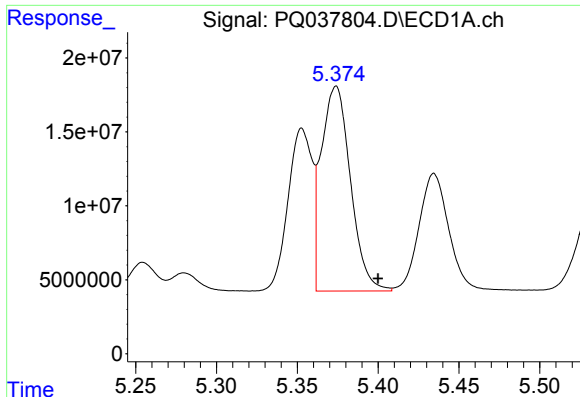
#16 AR-1242-1

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 174244421
Conc: 1062.23 ng/ml



#16 AR-1242-1

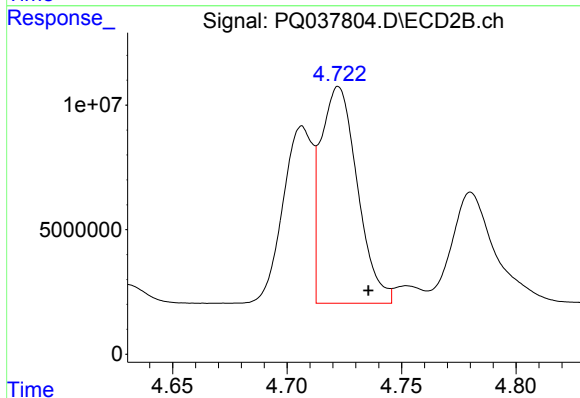
R.T.: 4.722 min
Delta R.T.: 0.004 min
Response: 96828844
Conc: 1077.94 ng/ml



#17 AR-1242-2

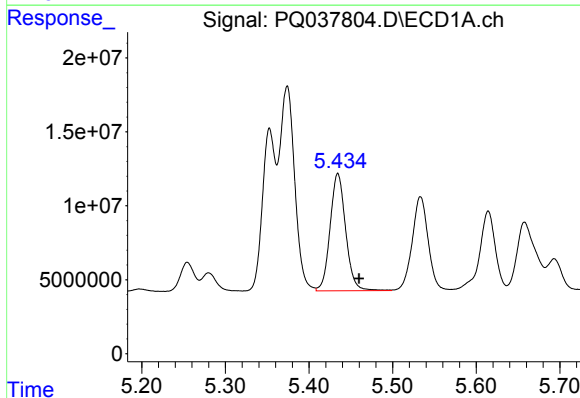
R.T.: 5.374 min
Delta R.T.: -0.026 min
Response: 174244421
Conc: 691.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



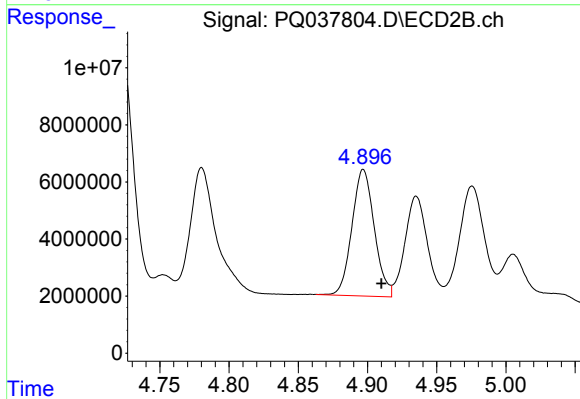
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.013 min
Response: 96828844
Conc: 710.08 ng/ml



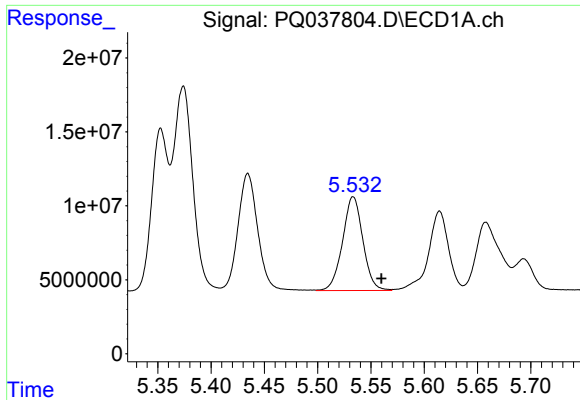
#18 AR-1242-3

R.T.: 5.435 min
Delta R.T.: -0.025 min
Response: 102713592
Conc: 679.04 ng/ml



#18 AR-1242-3

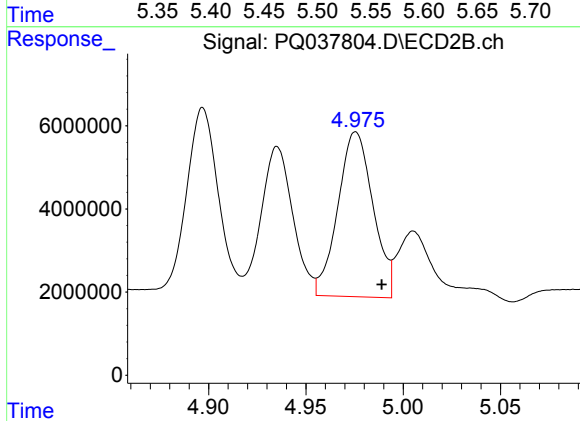
R.T.: 4.897 min
Delta R.T.: -0.013 min
Response: 49803811
Conc: 706.12 ng/ml



#19 AR-1242-4

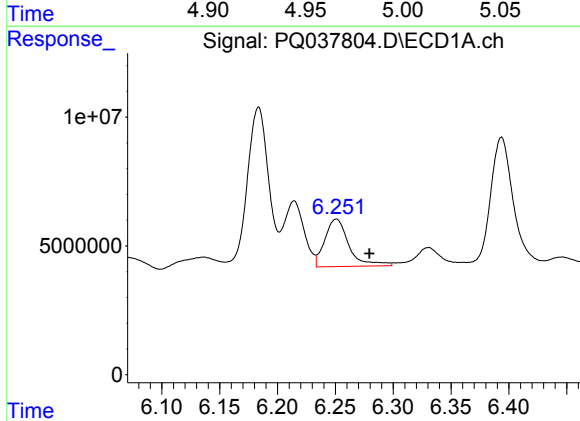
R.T.: 5.533 min
Delta R.T.: -0.027 min
Response: 84189330
Conc: 668.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



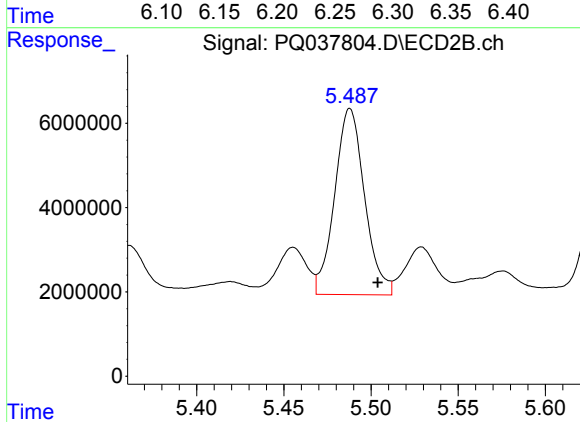
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.013 min
Response: 50026349
Conc: 729.09 ng/ml



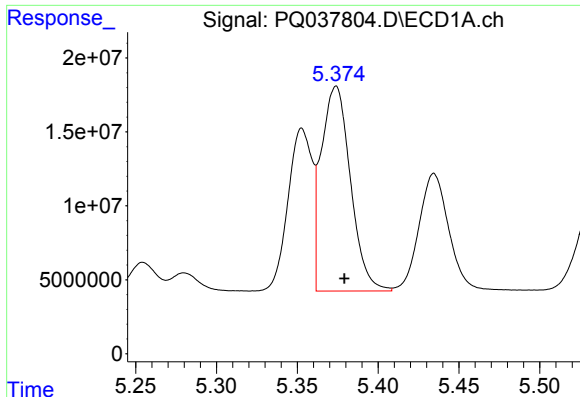
#20 AR-1242-5

R.T.: 6.251 min
Delta R.T.: -0.029 min
Response: 26768066
Conc: 192.89 ng/ml



#20 AR-1242-5

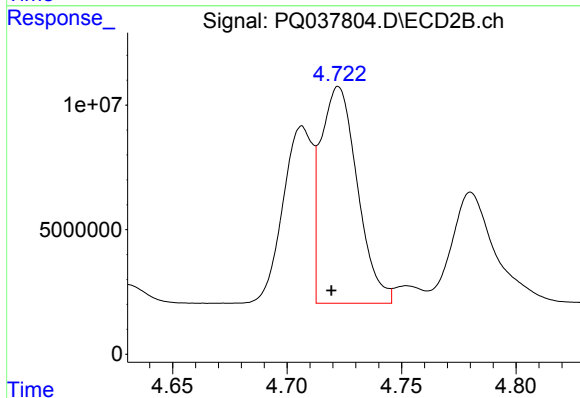
R.T.: 5.488 min
Delta R.T.: -0.016 min
Response: 52748653
Conc: 603.33 ng/ml



#21 AR-1248-1

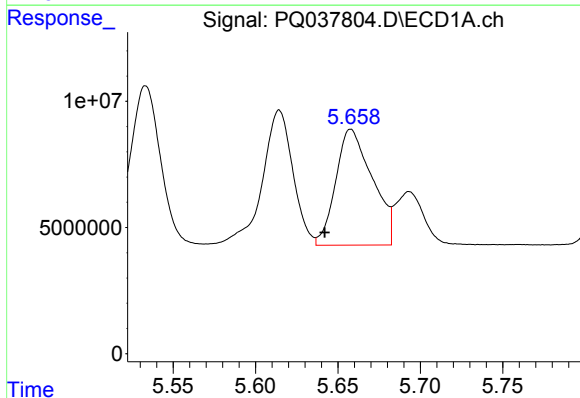
R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 174244421
Conc: 1480.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



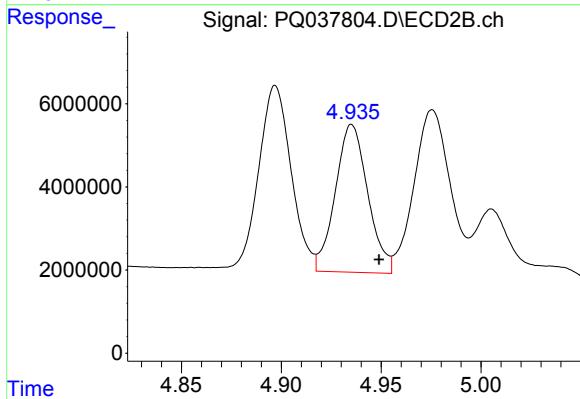
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 96828844
Conc: 1451.53 ng/ml



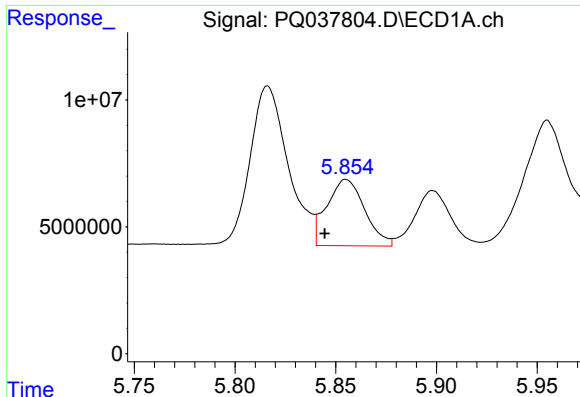
#22 AR-1248-2

R.T.: 5.658 min
Delta R.T.: 0.016 min
Response: 71201655
Conc: 415.03 ng/ml



#22 AR-1248-2

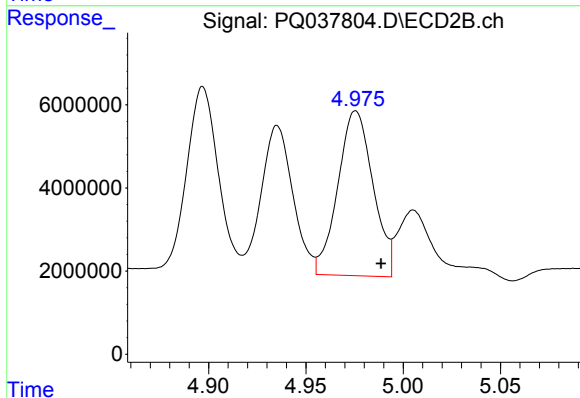
R.T.: 4.935 min
Delta R.T.: -0.014 min
Response: 40233215
Conc: 445.05 ng/ml



#23 AR-1248-3

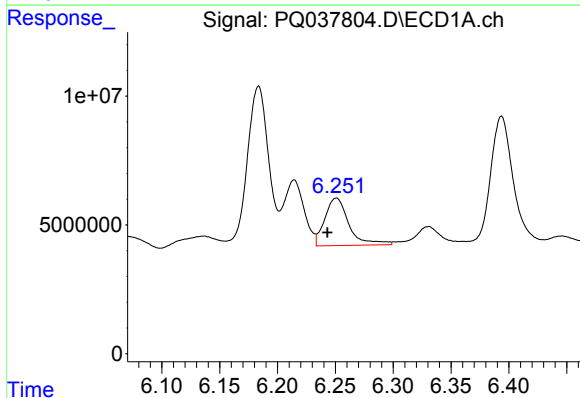
R.T.: 5.855 min
Delta R.T.: 0.011 min
Response: 34220821
Conc: 176.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



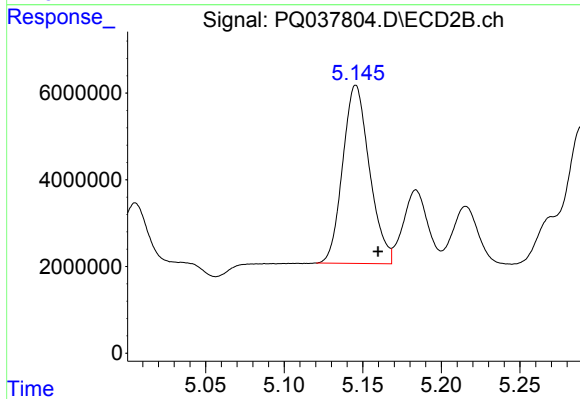
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.013 min
Response: 50026349
Conc: 542.04 ng/ml



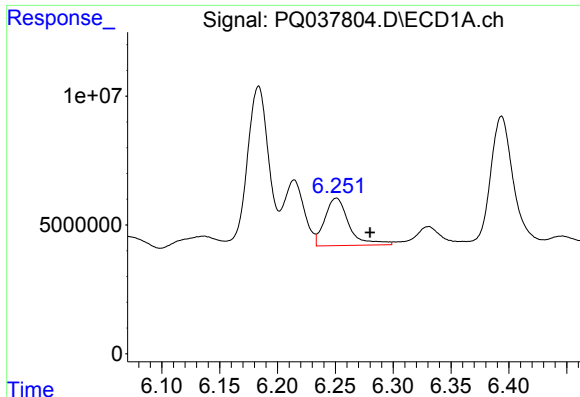
#24 AR-1248-4

R.T.: 6.251 min
Delta R.T.: 0.008 min
Response: 26768066
Conc: 117.73 ng/ml



#24 AR-1248-4

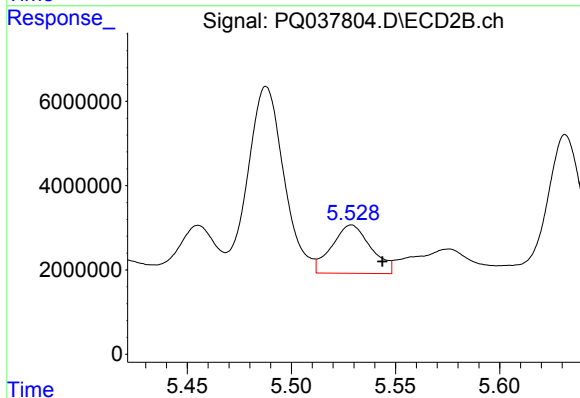
R.T.: 5.146 min
Delta R.T.: -0.014 min
Response: 48693849
Conc: 429.10 ng/ml



#25 AR-1248-5

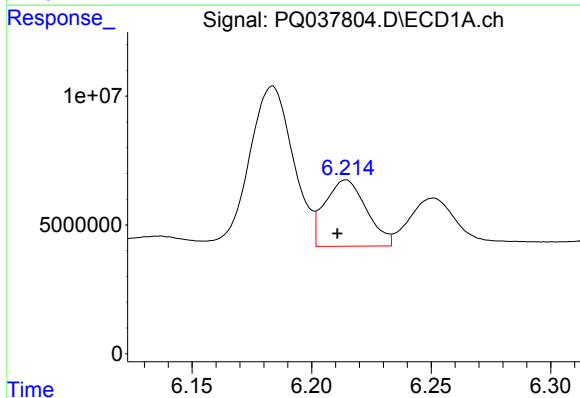
R.T.: 6.251 min
Delta R.T.: -0.029 min
Response: 26768066
Conc: 123.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



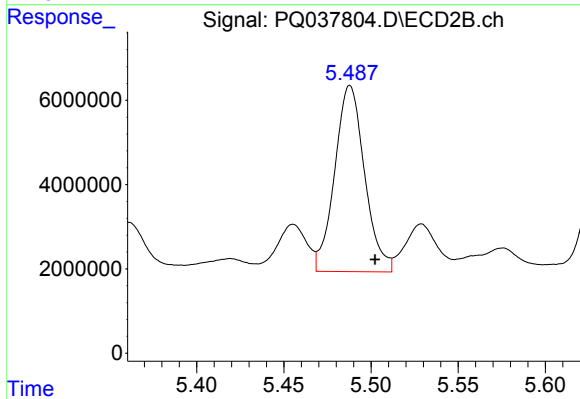
#25 AR-1248-5

R.T.: 5.529 min
Delta R.T.: -0.015 min
Response: 15009559
Conc: 136.71 ng/ml



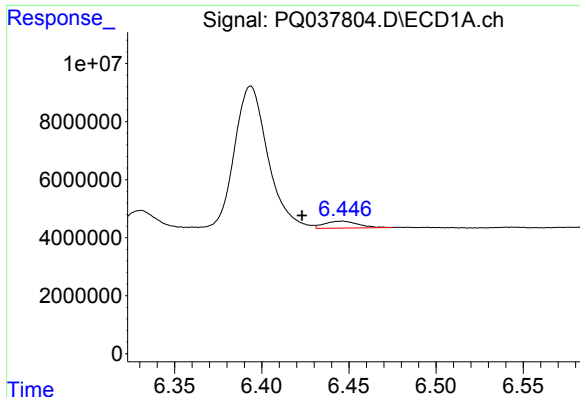
#26 AR-1254-1

R.T.: 6.214 min
Delta R.T.: 0.004 min
Response: 31104712
Conc: 146.87 ng/ml



#26 AR-1254-1

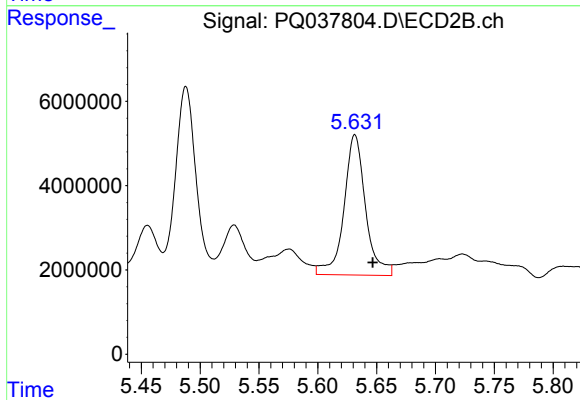
R.T.: 5.488 min
Delta R.T.: -0.014 min
Response: 52748653
Conc: 318.12 ng/ml



#27 AR-1254-2

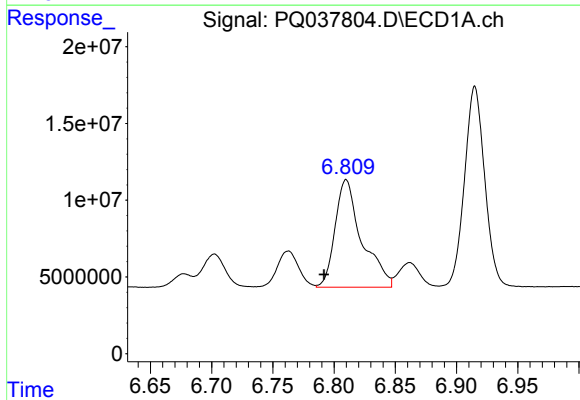
R.T.: 6.446 min
Delta R.T.: 0.023 min
Response: 3165571
Conc: 9.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



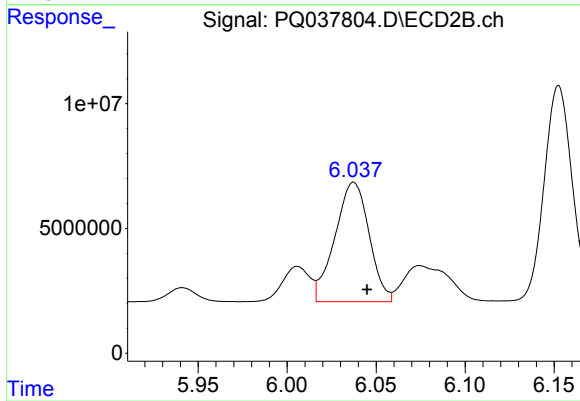
#27 AR-1254-2

R.T.: 5.632 min
Delta R.T.: -0.015 min
Response: 42496689
Conc: 298.40 ng/ml



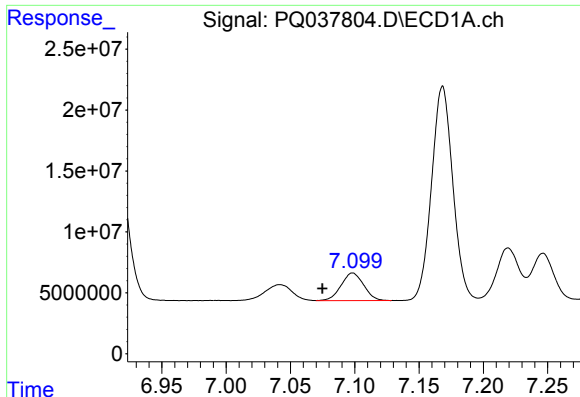
#28 AR-1254-3

R.T.: 6.810 min
Delta R.T.: 0.018 min
Response: 106150518
Conc: 305.86 ng/ml



#28 AR-1254-3

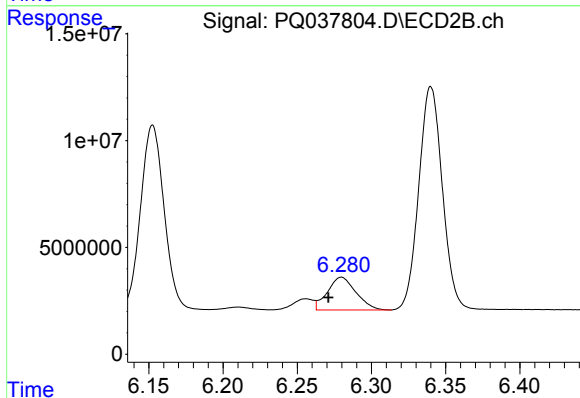
R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 63938704
Conc: 280.23 ng/ml



#29 AR-1254-4

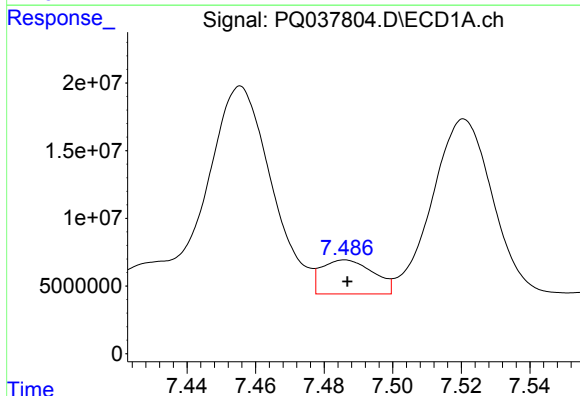
R.T.: 7.098 min
Delta R.T.: 0.023 min
Response: 27762797
Conc: 100.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



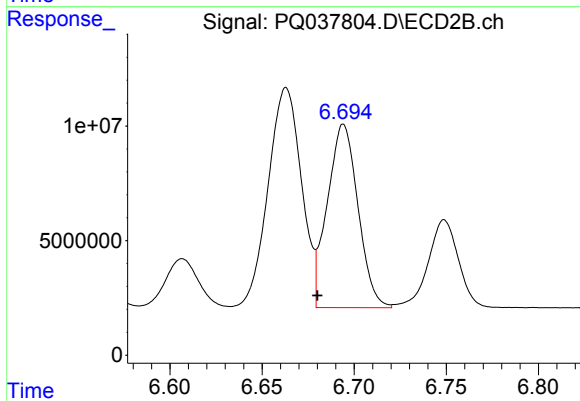
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: 0.009 min
Response: 20544966
Conc: 119.63 ng/ml



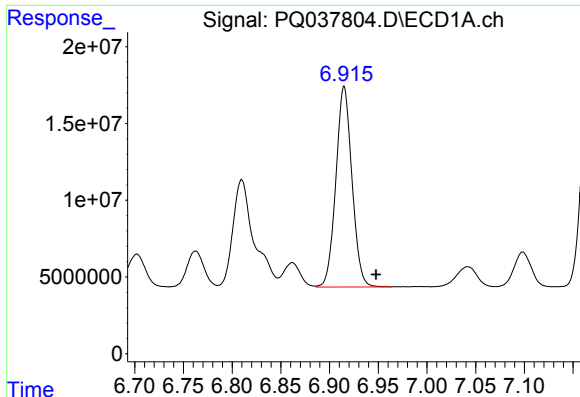
#30 AR-1254-5

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 26354671
Conc: 95.36 ng/ml



#30 AR-1254-5

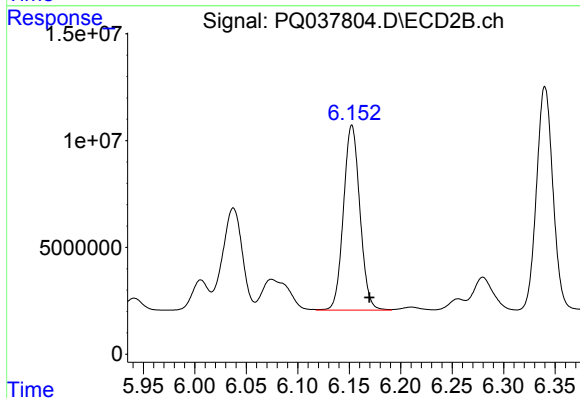
R.T.: 6.694 min
Delta R.T.: 0.014 min
Response: 92740973
Conc: 478.97 ng/ml



#31 AR-1260-1

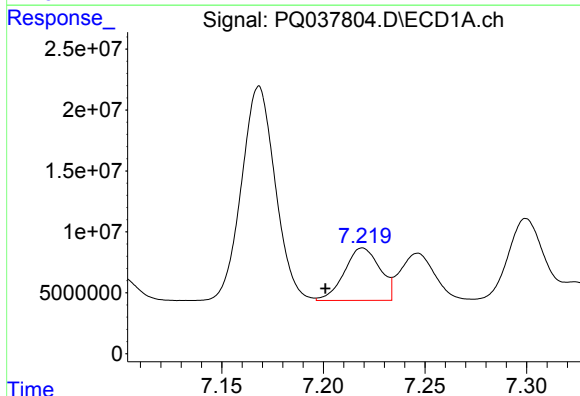
R.T.: 6.915 min
Delta R.T.: -0.033 min
Response: 150606246
Conc: 338.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



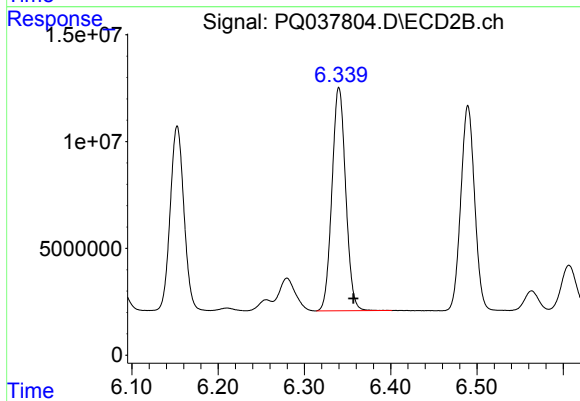
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.017 min
Response: 96155860
Conc: 379.26 ng/ml



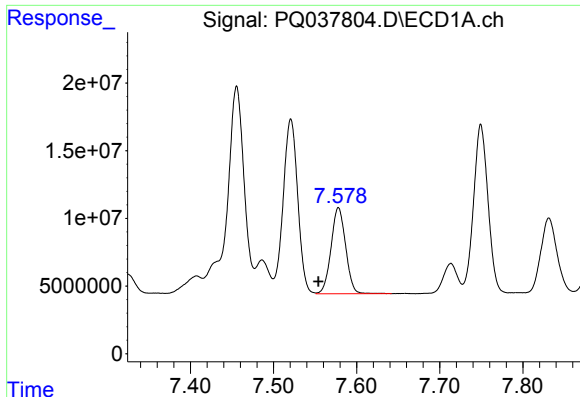
#32 AR-1260-2

R.T.: 7.219 min
Delta R.T.: 0.018 min
Response: 52214224
Conc: 90.31 ng/ml



#32 AR-1260-2

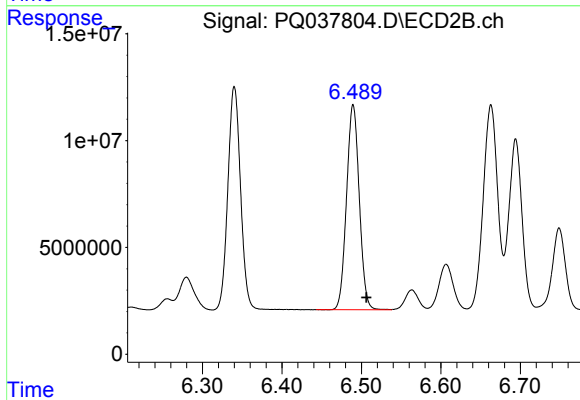
R.T.: 6.340 min
Delta R.T.: -0.017 min
Response: 115733817
Conc: 376.53 ng/ml



#33 AR-1260-3

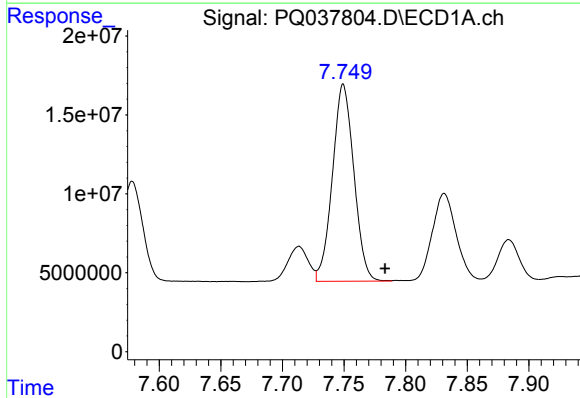
R.T.: 7.578 min
Delta R.T.: 0.024 min
Response: 77753322
Conc: 174.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



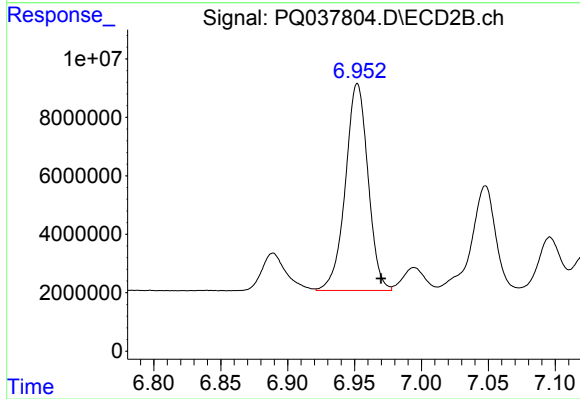
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.017 min
Response: 106956329
Conc: 376.64 ng/ml



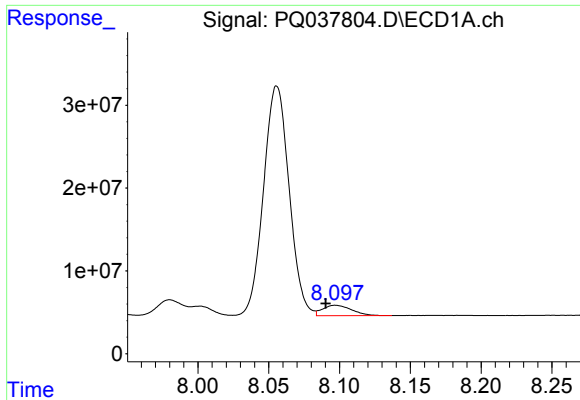
#34 AR-1260-4

R.T.: 7.749 min
Delta R.T.: -0.034 min
Response: 151186192
Conc: 345.18 ng/ml



#34 AR-1260-4

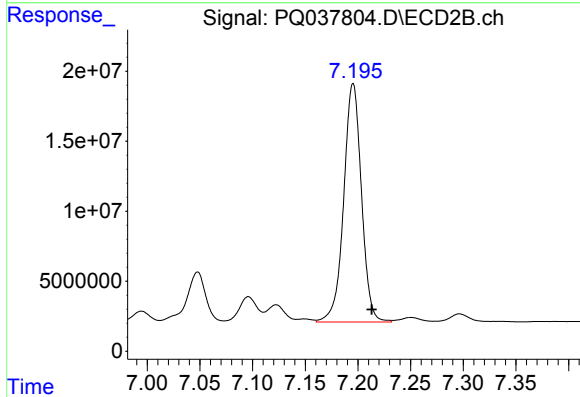
R.T.: 6.952 min
Delta R.T.: -0.018 min
Response: 83389328
Conc: 378.88 ng/ml



#35 AR-1260-5

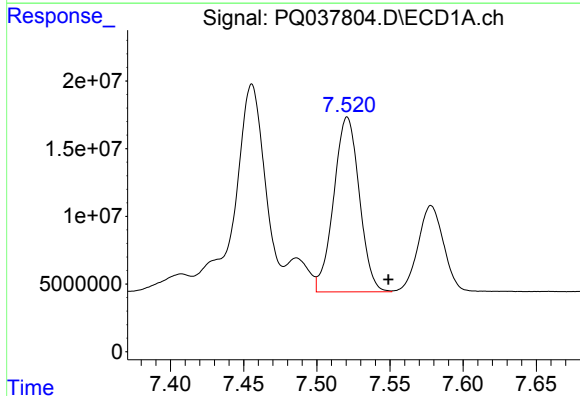
R.T.: 8.097 min
Delta R.T.: 0.007 min
Response: 18038202
Conc: 18.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



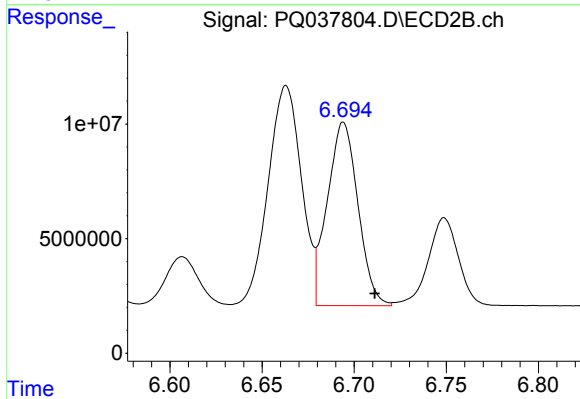
#35 AR-1260-5

R.T.: 7.195 min
Delta R.T.: -0.018 min
Response: 200016695
Conc: 378.83 ng/ml



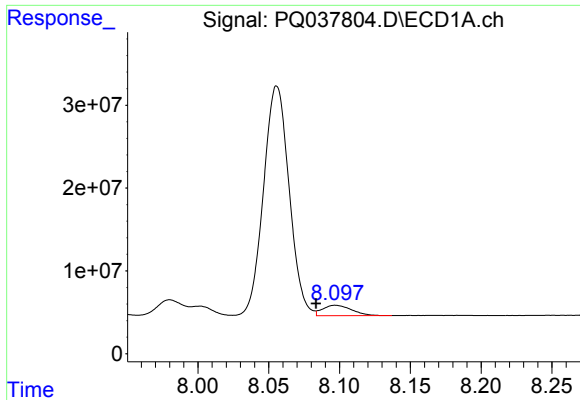
#36 AR-1262-1

R.T.: 7.521 min
Delta R.T.: -0.028 min
Response: 157640278
Conc: 394.67 ng/ml



#36 AR-1262-1

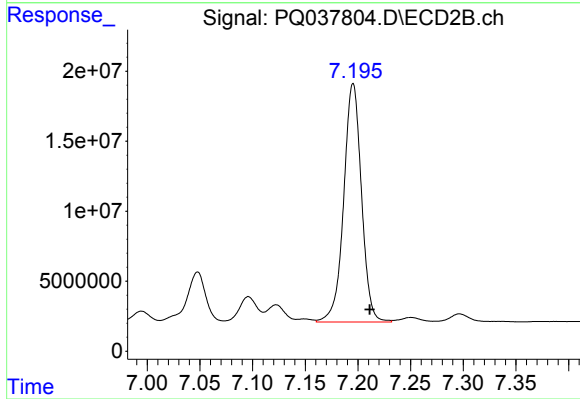
R.T.: 6.694 min
Delta R.T.: -0.017 min
Response: 92740973
Conc: 443.14 ng/ml



#37 AR-1262-2

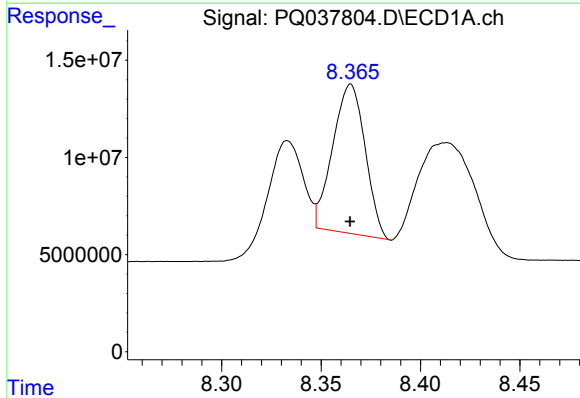
R.T.: 8.097 min
Delta R.T.: 0.014 min
Response: 18038202
Conc: 26.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



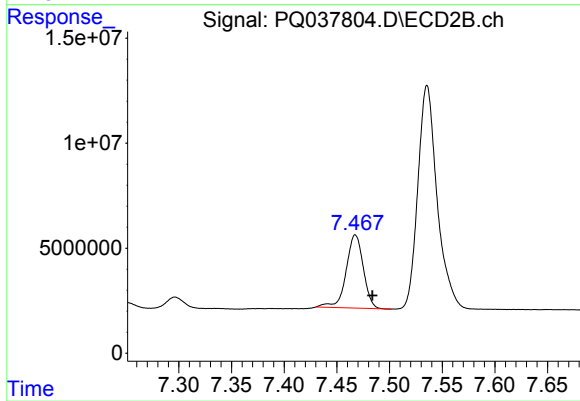
#37 AR-1262-2

R.T.: 7.195 min
Delta R.T.: -0.016 min
Response: 200016695
Conc: 539.92 ng/ml



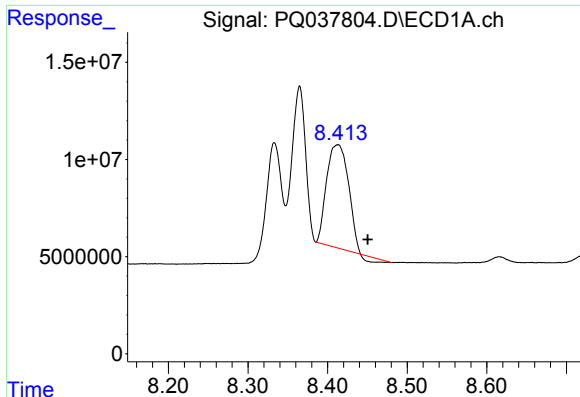
#38 AR-1262-3

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 87233087
Conc: 291.34 ng/ml



#38 AR-1262-3

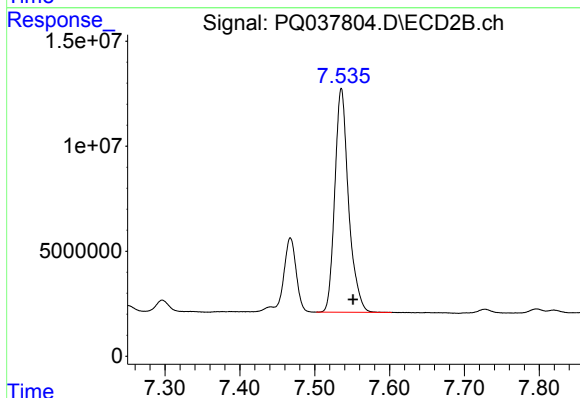
R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 39467665
Conc: 270.03 ng/ml



#39 AR-1262-4

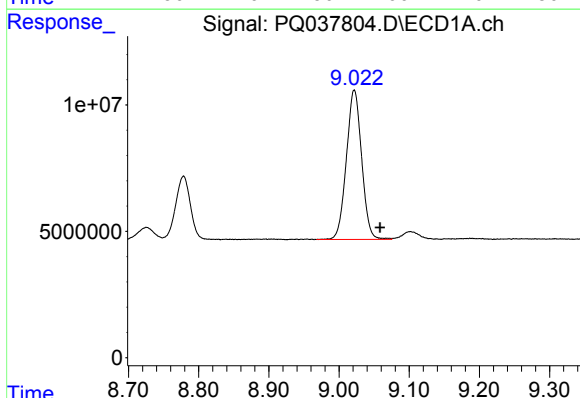
R.T.: 8.413 min
Delta R.T.: -0.038 min
Response: 98403869
Conc: 280.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



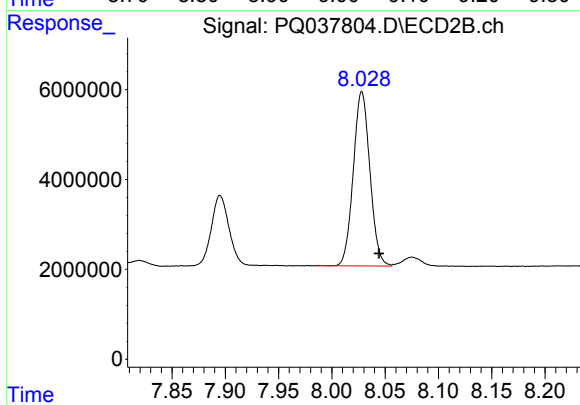
#39 AR-1262-4

R.T.: 7.536 min
Delta R.T.: -0.016 min
Response: 135932589
Conc: 509.72 ng/ml



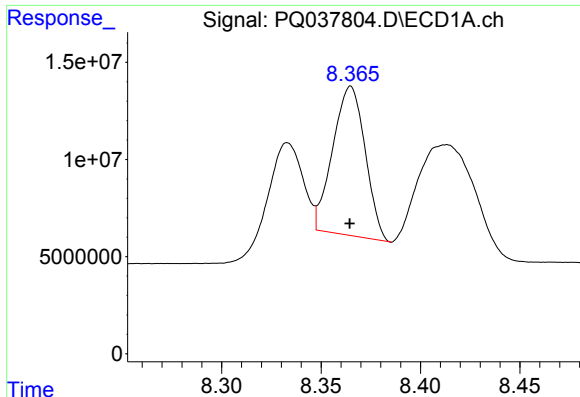
#40 AR-1262-5

R.T.: 9.022 min
Delta R.T.: -0.037 min
Response: 89570338
Conc: 375.57 ng/ml



#40 AR-1262-5

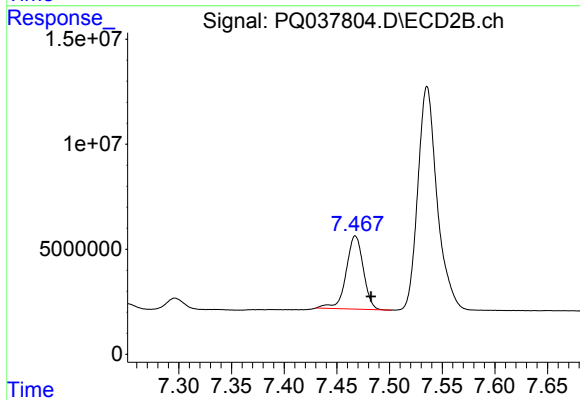
R.T.: 8.028 min
Delta R.T.: -0.016 min
Response: 42075391
Conc: 360.14 ng/ml



#41 AR-1268-1

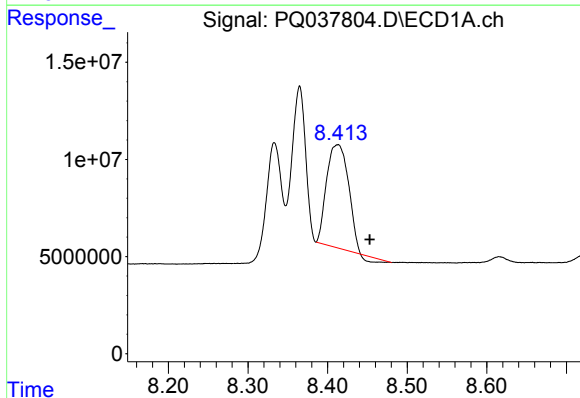
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 87233087
Conc: 65.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



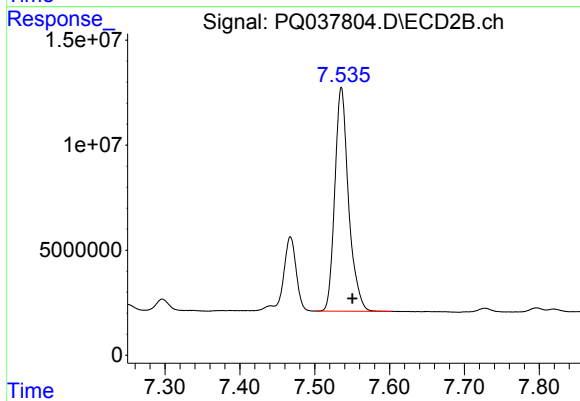
#41 AR-1268-1

R.T.: 7.468 min
Delta R.T.: -0.015 min
Response: 39467665
Conc: 60.25 ng/ml



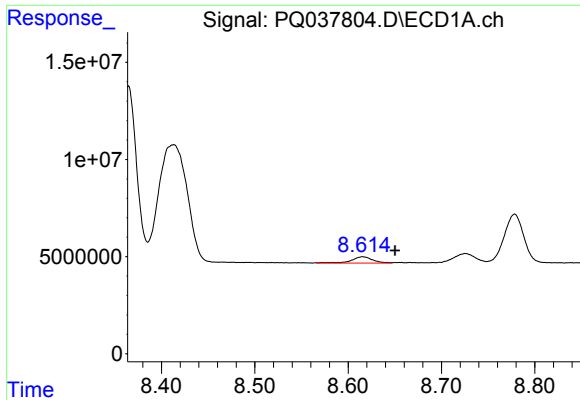
#42 AR-1268-2

R.T.: 8.413 min
Delta R.T.: -0.040 min
Response: 98403869
Conc: 79.88 ng/ml



#42 AR-1268-2

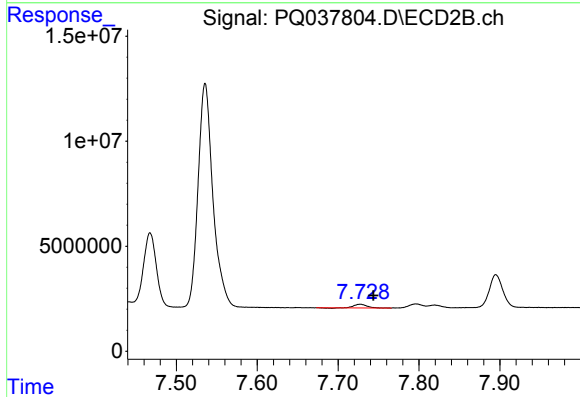
R.T.: 7.536 min
Delta R.T.: -0.015 min
Response: 135932589
Conc: 227.29 ng/ml



#43 AR-1268-3

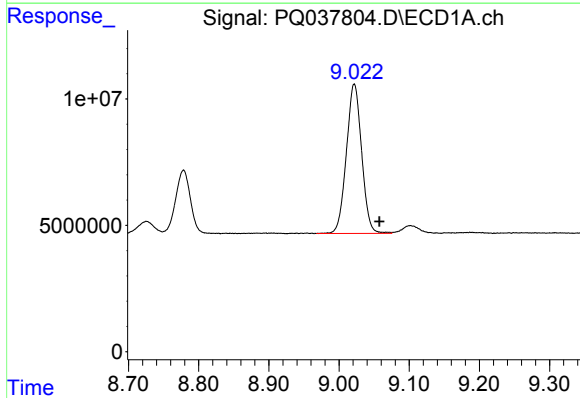
R.T.: 8.616 min
Delta R.T.: -0.035 min
Response: 5023026
Conc: 4.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



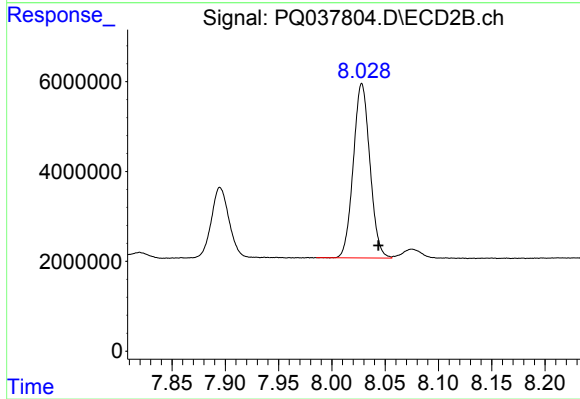
#43 AR-1268-3

R.T.: 7.727 min
Delta R.T.: -0.016 min
Response: 1869703
Conc: 3.76 ng/ml



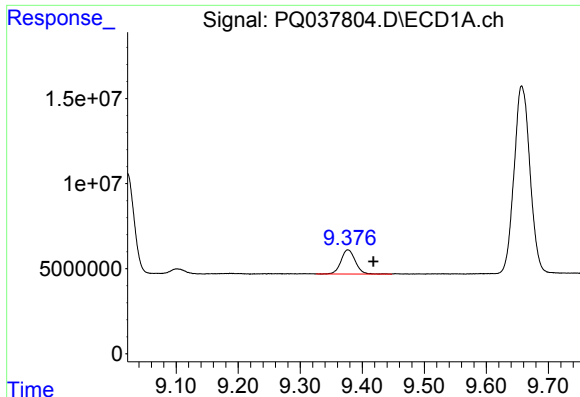
#44 AR-1268-4

R.T.: 9.022 min
Delta R.T.: -0.036 min
Response: 89570338
Conc: 224.57 ng/ml



#44 AR-1268-4

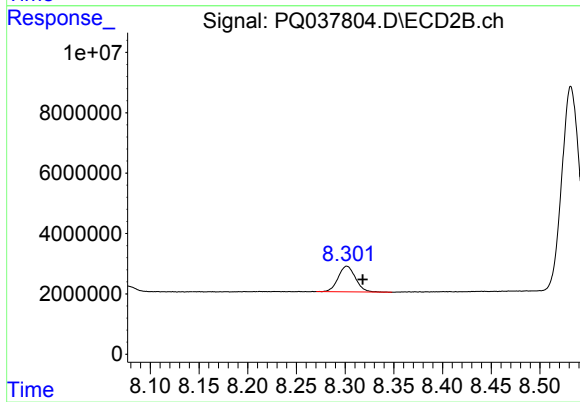
R.T.: 8.028 min
Delta R.T.: -0.015 min
Response: 42075391
Conc: 214.67 ng/ml



#45 AR-1268-5

R.T.: 9.377 min
Delta R.T.: -0.041 min
Response: 22476772
Conc: 6.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660367



#45 AR-1268-5

R.T.: 8.302 min
Delta R.T.: -0.016 min
Response: 10555634
Conc: 6.86 ng/ml