

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071819\
 Data File : PR039420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 23:42
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:41:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 16 02:56:01 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.759	4.605	76200063	311.6E6	49.196	48.187
2)	SA Decachlor...	8.696	10.339	104.1E6	365.0E6	42.588	42.651
Target Compounds							
3)	L1 AR-1016-1	4.827	5.760	28530670	123.2E6	474.441	492.356
4)	L1 AR-1016-2	4.844	5.782	48181540	179.7E6	490.483	492.568
5)	L1 AR-1016-3	5.018	5.844	23284084	105.7E6	468.707	480.378
6)	L1 AR-1016-4	5.058	5.942	18535168	88392688	463.559	472.513
7)	L1 AR-1016-5	5.267	6.232	24620364	86821989	452.609	473.033
8)	L2 AR-1221-1	0.000	4.807	0	8264898	N.D.	139.352 #
9)	L2 AR-1221-2	4.054	4.897	3284781	13022032	258.774	281.829
10)	L2 AR-1221-3	4.129	4.973	13659582	51825109	344.821	343.768
11)	L3 AR-1232-1	4.129	4.973	13659582	51825109	459.948	471.405
12)	L3 AR-1232-2	4.844	5.496	48181540	79659560	1305.236	1329.032
13)	L3 AR-1232-3	5.018	5.782	23284084	179.7E6	1275.292	1385.712
14)	L3 AR-1232-4	5.099	5.942	23034429	88392688	1445.697	1319.867
15)	L3 AR-1232-5	5.267	6.027	24620364	73422312	1365.876	1611.038
16)	L4 AR-1242-1	4.827	5.760	28530670	123.2E6	539.986	573.171
17)	L4 AR-1242-2	4.844	5.782	48181540	179.7E6	552.868	574.960
18)	L4 AR-1242-3	5.018	5.844	23284084	105.7E6	534.937	554.767
19)	L4 AR-1242-4	5.099	5.942	23034429	88392688	534.914	550.777
20)	L4 AR-1242-5	5.613	6.669	18030542	12827269	288.548	68.029 #
21)	L5 AR-1248-1	4.827	5.760	28530670	123.2E6	659.203	720.373
22)	L5 AR-1248-2	5.058	6.027	18535168	73422312	295.484	312.619
23)	L5 AR-1248-3	5.099	6.232	23034429	86821989	352.835	314.150
24)	L5 AR-1248-4	5.267	6.630	24620364	14257760	300.336	42.487 #
25)	L5 AR-1248-5	5.653	6.669	2406523	12827269	27.543	39.959 #
26)	L6 AR-1254-1	5.613	6.603	18030542	59500992	136.330	185.824 #
27)	L6 AR-1254-2	5.757	6.816	16741461	64050042	142.920	125.164
28)	L6 AR-1254-3	6.167	7.182	41145767	40436767	199.125	67.383 #
29)	L6 AR-1254-4	6.379	7.465	4803452	27947244	31.376	64.578 #
30)	L6 AR-1254-5	6.789	7.877	69599350	227.6E6	373.590	484.340 #
31)	L7 AR-1260-1	6.281	7.342	48816387	153.4E6	425.962	422.503
32)	L7 AR-1260-2	6.466	7.594	61874617	190.7E6	410.278	435.953
33)	L7 AR-1260-3	6.618	7.950	57107937	145.0E6	424.331	427.212
34)	L7 AR-1260-4	7.083	8.178	49838061	170.4E6	416.390	419.260
35)	L7 AR-1260-5	7.321	8.505	124.3E6	361.1E6	413.588	422.266
36)	L8 AR-1262-1	6.879	7.950	25550652	145.0E6	269.536	208.780
37)	L8 AR-1262-2	7.321	8.505	124.3E6	361.1E6	255.490	263.435
38)	L8 AR-1262-3	7.601	8.841	28811376	230.6E6	158.640	256.002 #
39)	L8 AR-1262-4	7.664	8.895	93882864	144.3E6	263.877	214.972
40)	L8 AR-1262-5	8.155	9.579	33353539	110.7E6	204.524	226.105
41)	L9 AR-1268-1	7.601	8.841	28811376	230.6E6	53.363	146.348 #

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 Acq On : 18 Jul 2019 23:42
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

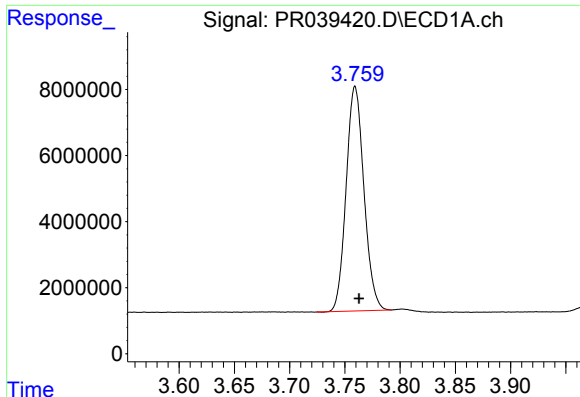
Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:41:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	7.664	8.895	93882864	144.3E6	189.539	98.391 #
44) L9	AR-1268-4	8.155	9.579	33353539	110.7E6	186.699	208.910
45) L9	AR-1268-5	8.445	9.998	9068881	31104364	6.679	7.251

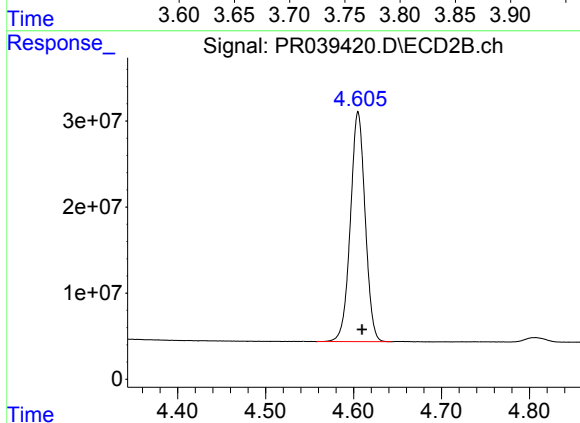
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

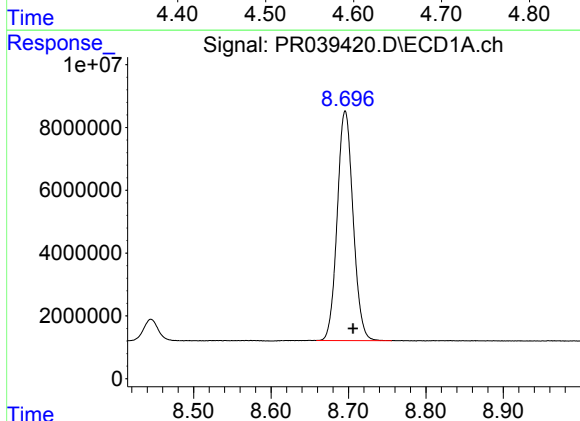
R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 76200063
Conc: 49.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



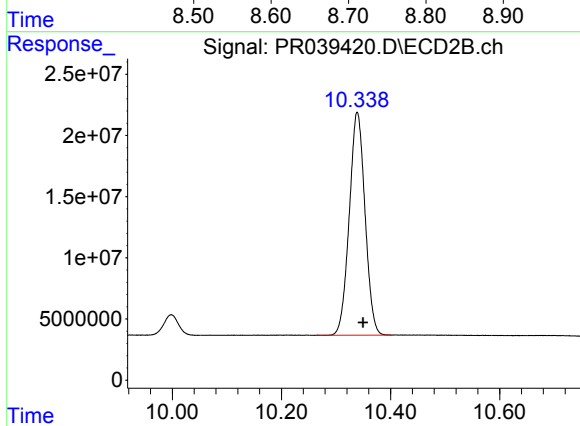
#1 Tetrachloro-m-xylene

R.T.: 4.605 min
Delta R.T.: -0.005 min
Response: 311637317
Conc: 48.19 ng/ml



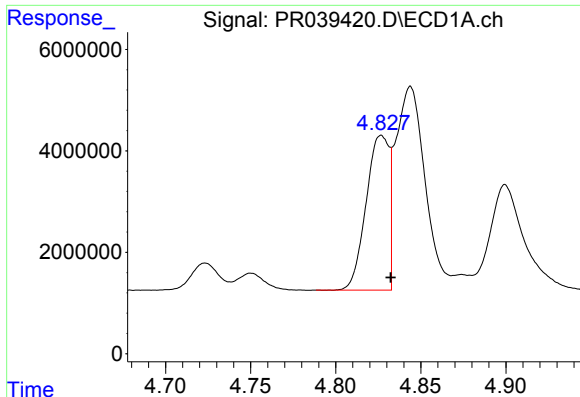
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.010 min
Response: 104141333
Conc: 42.59 ng/ml



#2 Decachlorobiphenyl

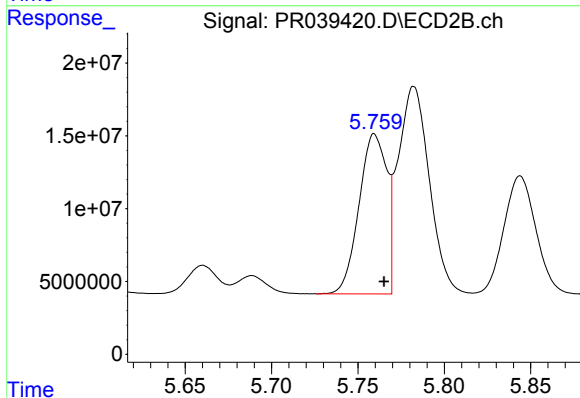
R.T.: 10.339 min
Delta R.T.: -0.011 min
Response: 364998026
Conc: 42.65 ng/ml



#3 AR-1016-1

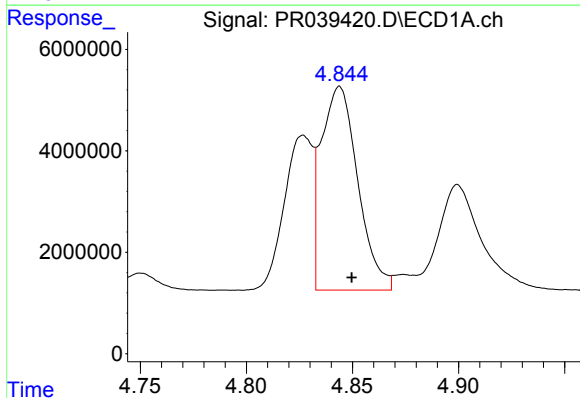
R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 28530670
Conc: 474.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



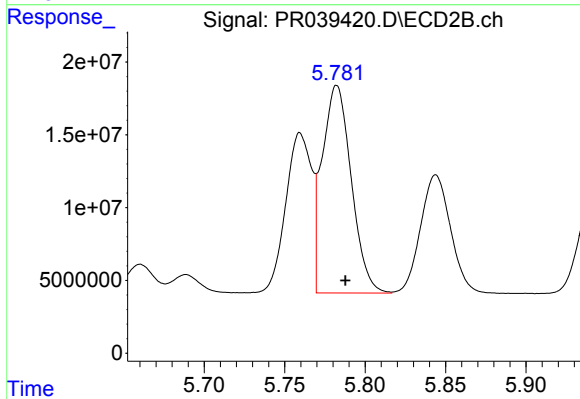
#3 AR-1016-1

R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 123159283
Conc: 492.36 ng/ml



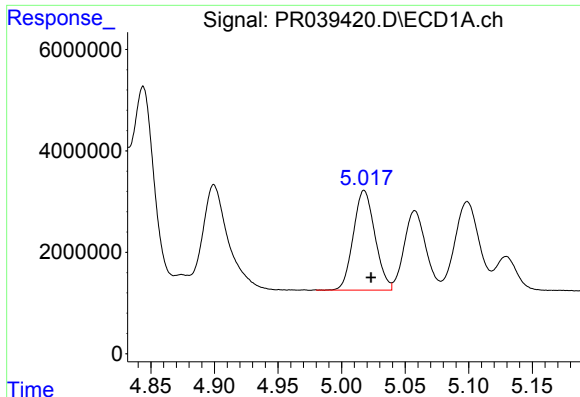
#4 AR-1016-2

R.T.: 4.844 min
Delta R.T.: -0.006 min
Response: 48181540
Conc: 490.48 ng/ml



#4 AR-1016-2

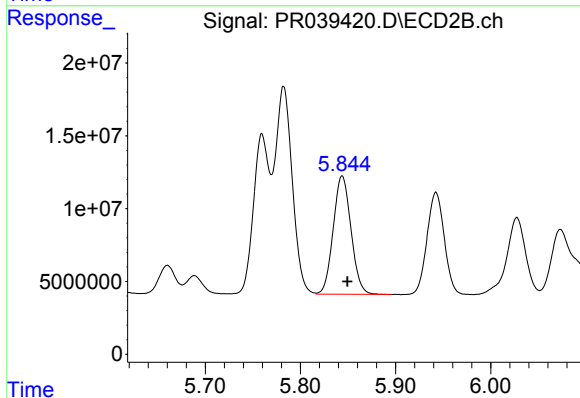
R.T.: 5.782 min
Delta R.T.: -0.005 min
Response: 179716150
Conc: 492.57 ng/ml



#5 AR-1016-3

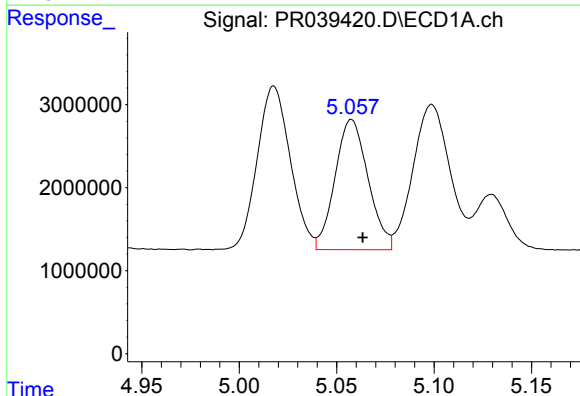
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 23284084
Conc: 468.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



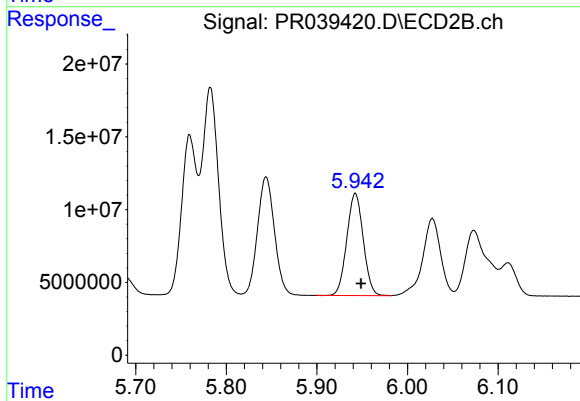
#5 AR-1016-3

R.T.: 5.844 min
Delta R.T.: -0.005 min
Response: 105742355
Conc: 480.38 ng/ml



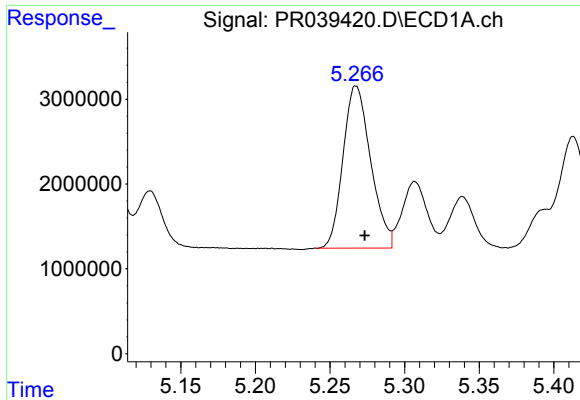
#6 AR-1016-4

R.T.: 5.058 min
Delta R.T.: -0.006 min
Response: 18535168
Conc: 463.56 ng/ml



#6 AR-1016-4

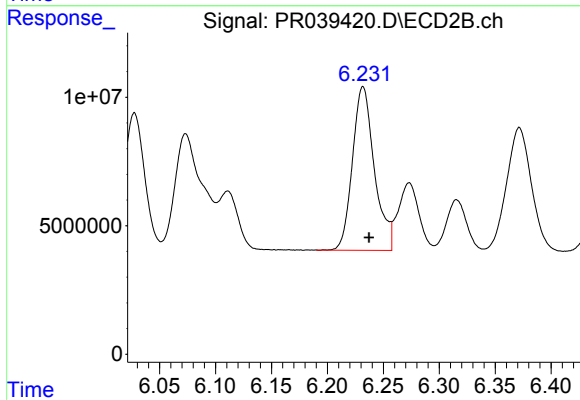
R.T.: 5.942 min
Delta R.T.: -0.006 min
Response: 88392688
Conc: 472.51 ng/ml



#7 AR-1016-5

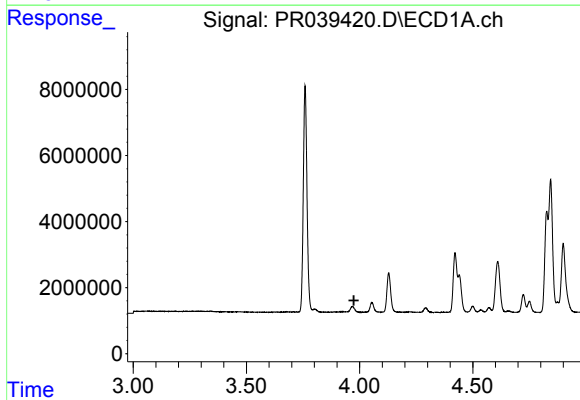
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 24620364
Conc: 452.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



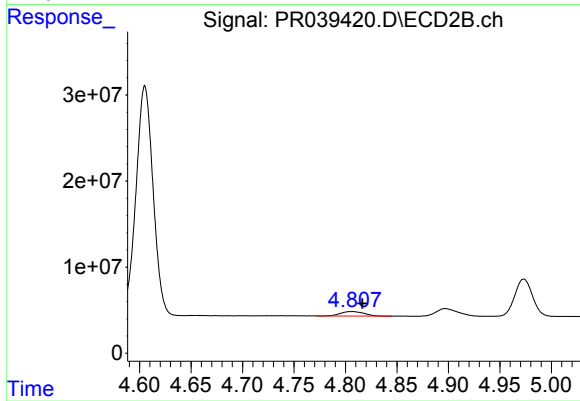
#7 AR-1016-5

R.T.: 6.232 min
Delta R.T.: -0.006 min
Response: 86821989
Conc: 473.03 ng/ml



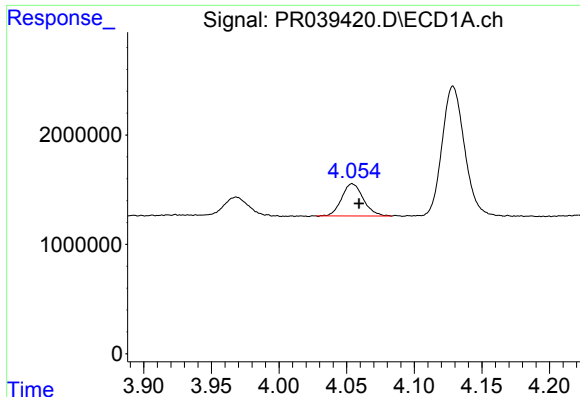
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.975 min
Response: 0
Conc: N.D.



#8 AR-1221-1

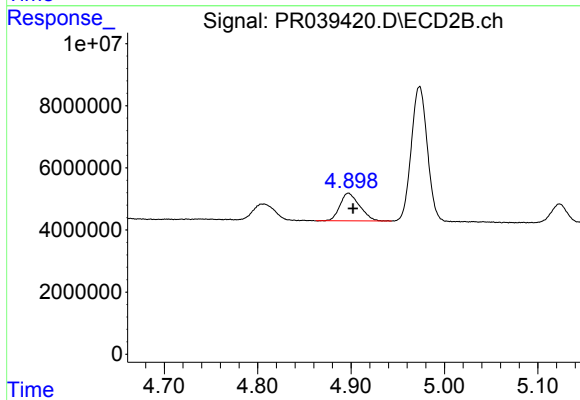
R.T.: 4.807 min
Delta R.T.: -0.010 min
Response: 8264898
Conc: 139.35 ng/ml



#9 AR-1221-2

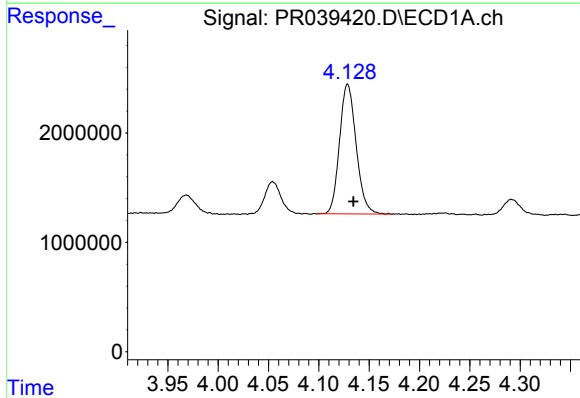
R.T.: 4.054 min
Delta R.T.: -0.005 min
Response: 3284781
Conc: 258.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



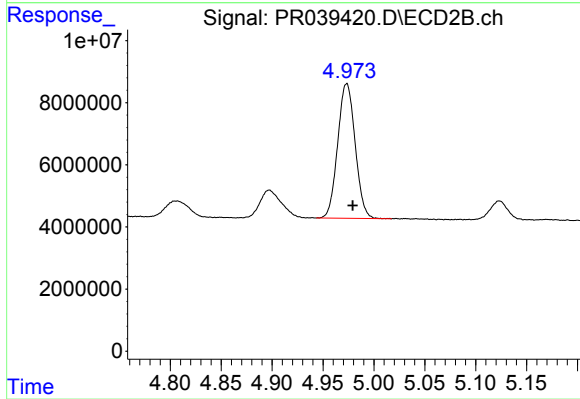
#9 AR-1221-2

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 13022032
Conc: 281.83 ng/ml



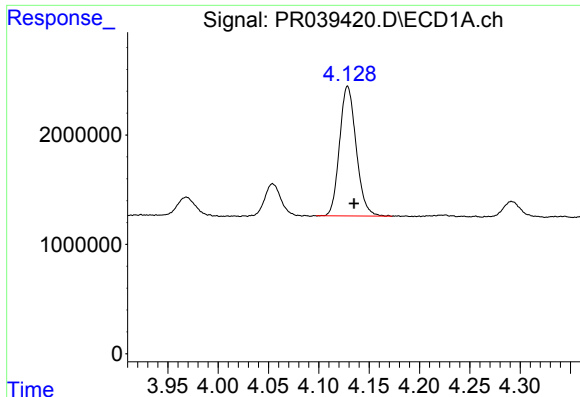
#10 AR-1221-3

R.T.: 4.129 min
Delta R.T.: -0.006 min
Response: 13659582
Conc: 344.82 ng/ml



#10 AR-1221-3

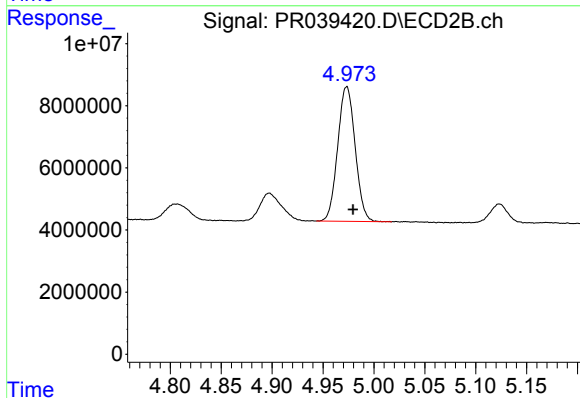
R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 51825109
Conc: 343.77 ng/ml



#11 AR-1232-1

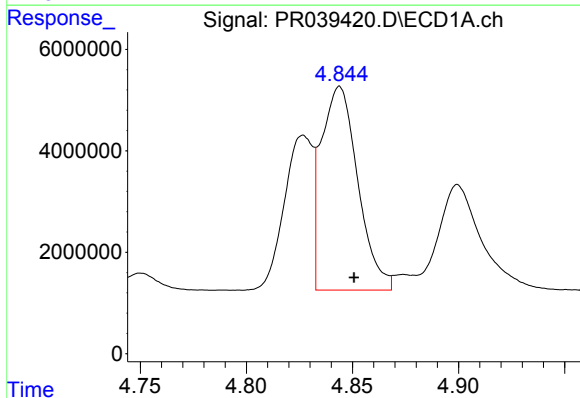
R.T.: 4.129 min
Delta R.T.: -0.006 min
Response: 13659582
Conc: 459.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



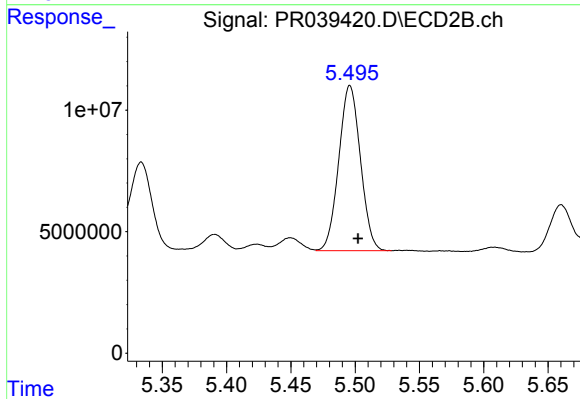
#11 AR-1232-1

R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 51825109
Conc: 471.41 ng/ml



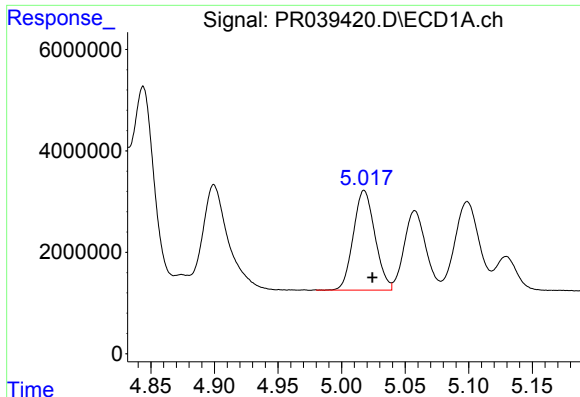
#12 AR-1232-2

R.T.: 4.844 min
Delta R.T.: -0.007 min
Response: 48181540
Conc: 1305.24 ng/ml



#12 AR-1232-2

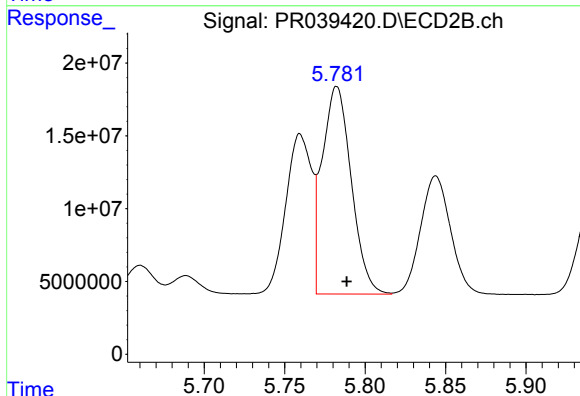
R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 79659560
Conc: 1329.03 ng/ml



#13 AR-1232-3

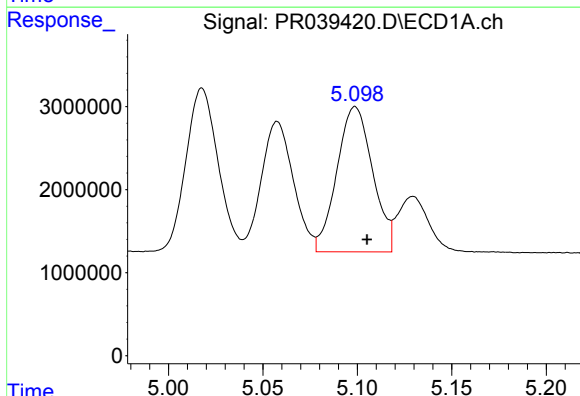
R.T.: 5.018 min
Delta R.T.: -0.007 min
Response: 23284084
Conc: 1275.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



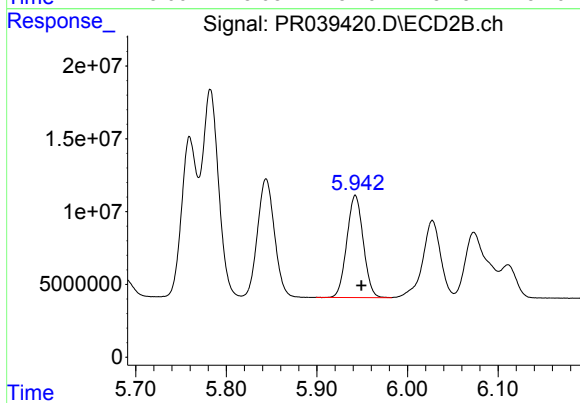
#13 AR-1232-3

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 179716150
Conc: 1385.71 ng/ml



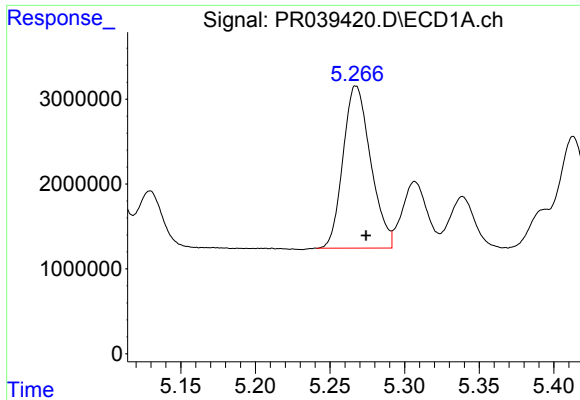
#14 AR-1232-4

R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 23034429
Conc: 1445.70 ng/ml



#14 AR-1232-4

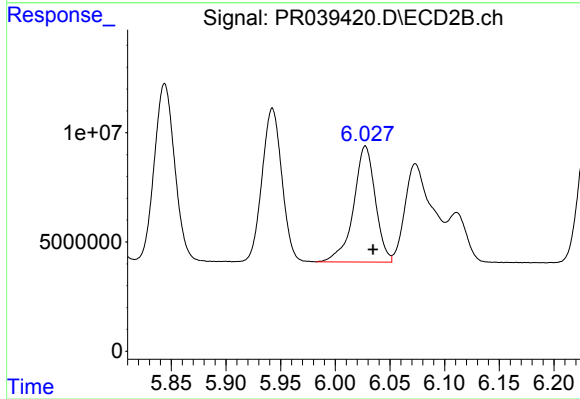
R.T.: 5.942 min
Delta R.T.: -0.007 min
Response: 88392688
Conc: 1319.87 ng/ml



#15 AR-1232-5

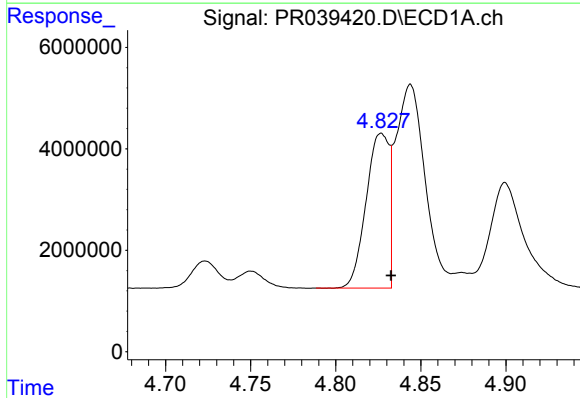
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 24620364
Conc: 1365.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



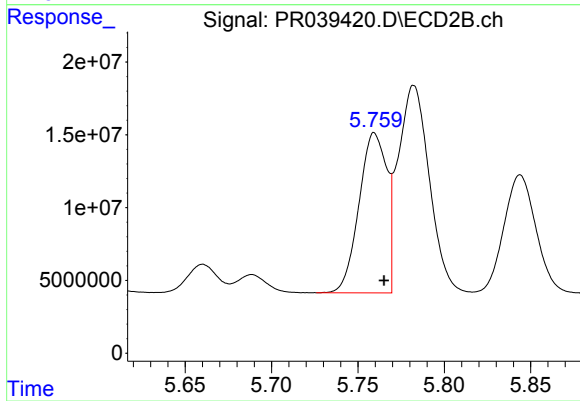
#15 AR-1232-5

R.T.: 6.027 min
Delta R.T.: -0.007 min
Response: 73422312
Conc: 1611.04 ng/ml



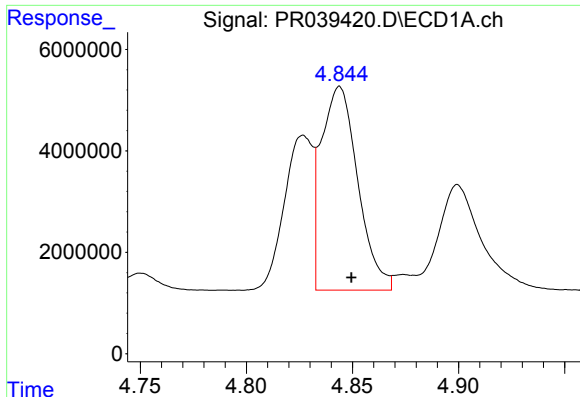
#16 AR-1242-1

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 28530670
Conc: 539.99 ng/ml



#16 AR-1242-1

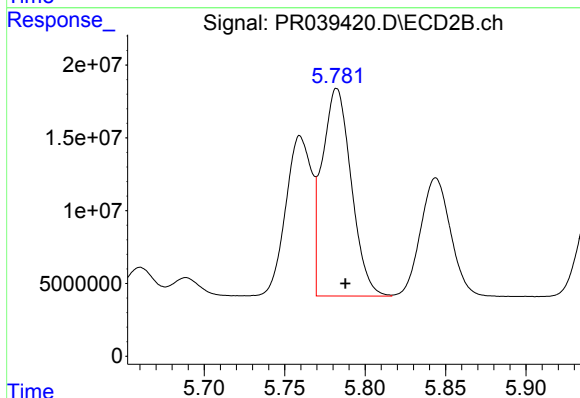
R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 123159283
Conc: 573.17 ng/ml



#17 AR-1242-2

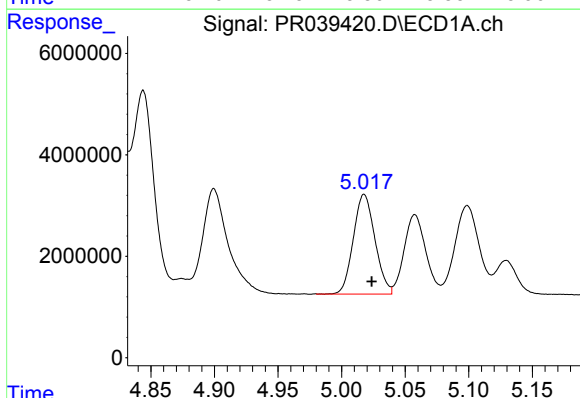
R.T.: 4.844 min
Delta R.T.: -0.006 min
Response: 48181540
Conc: 552.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



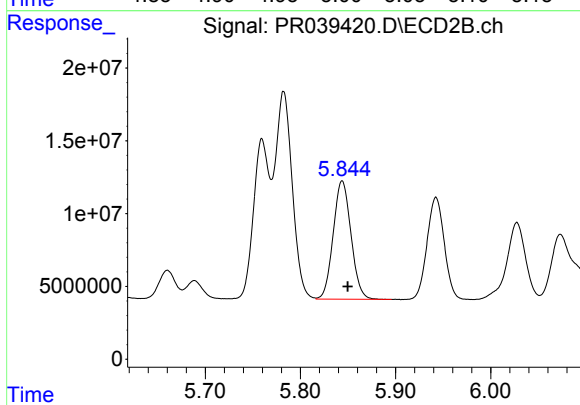
#17 AR-1242-2

R.T.: 5.782 min
Delta R.T.: -0.005 min
Response: 179716150
Conc: 574.96 ng/ml



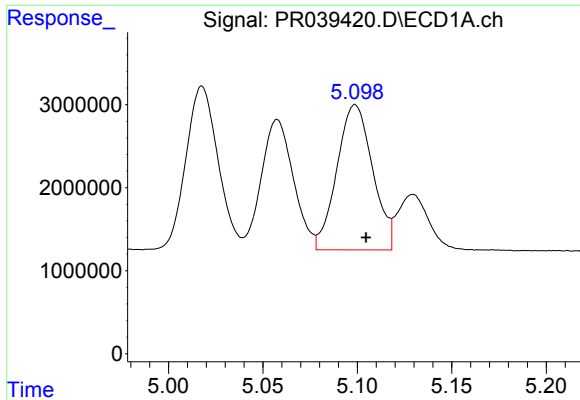
#18 AR-1242-3

R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 23284084
Conc: 534.94 ng/ml



#18 AR-1242-3

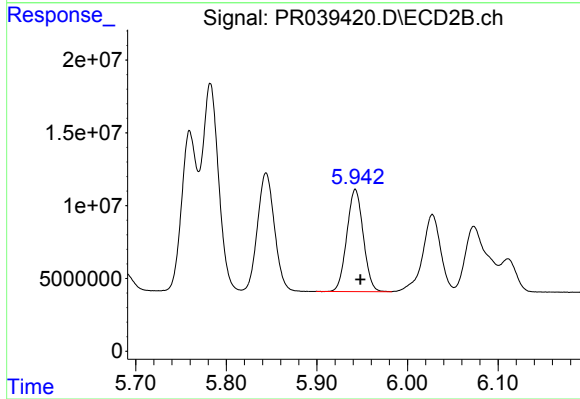
R.T.: 5.844 min
Delta R.T.: -0.006 min
Response: 105742355
Conc: 554.77 ng/ml



#19 AR-1242-4

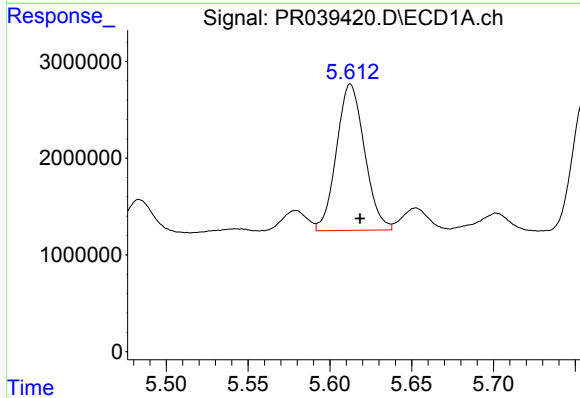
R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 23034429
Conc: 534.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



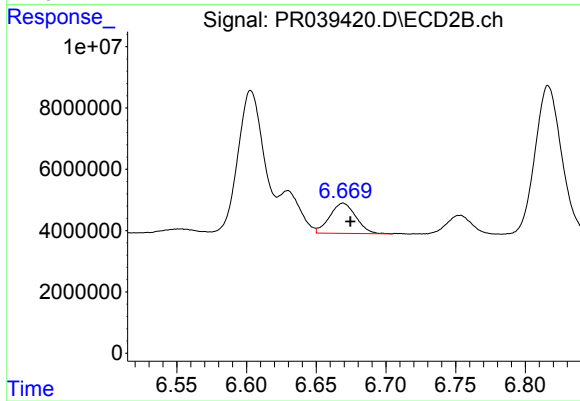
#19 AR-1242-4

R.T.: 5.942 min
Delta R.T.: -0.006 min
Response: 88392688
Conc: 550.78 ng/ml



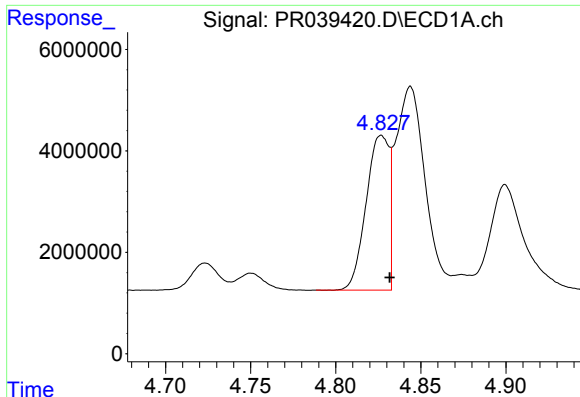
#20 AR-1242-5

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 18030542
Conc: 288.55 ng/ml



#20 AR-1242-5

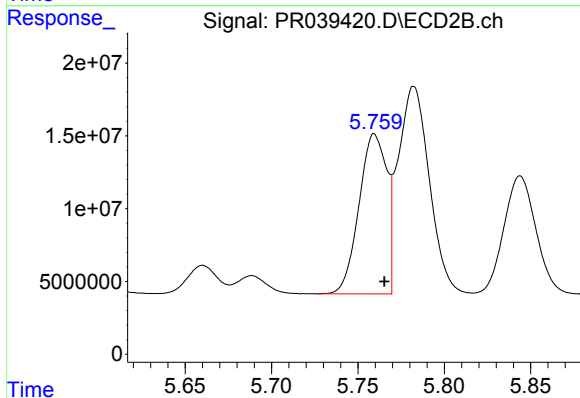
R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 12827269
Conc: 68.03 ng/ml



#21 AR-1248-1

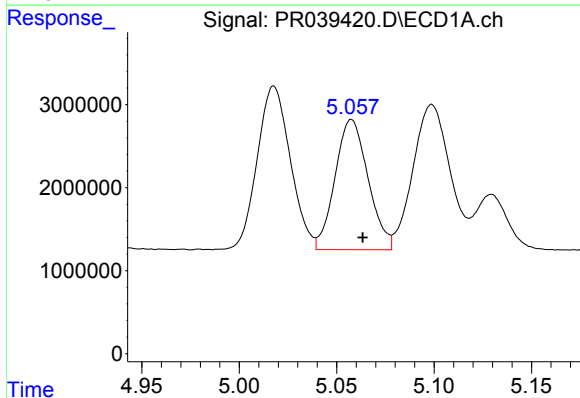
R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 28530670
Conc: 659.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



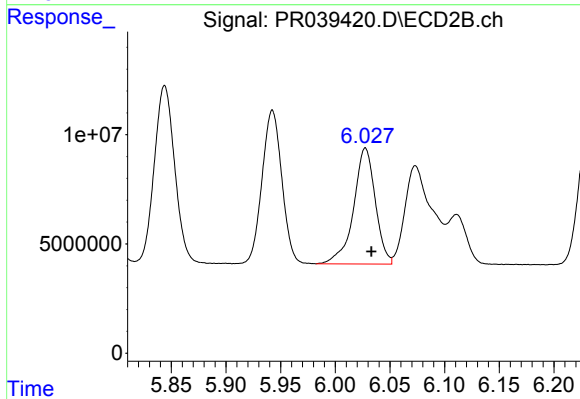
#21 AR-1248-1

R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 123159283
Conc: 720.37 ng/ml



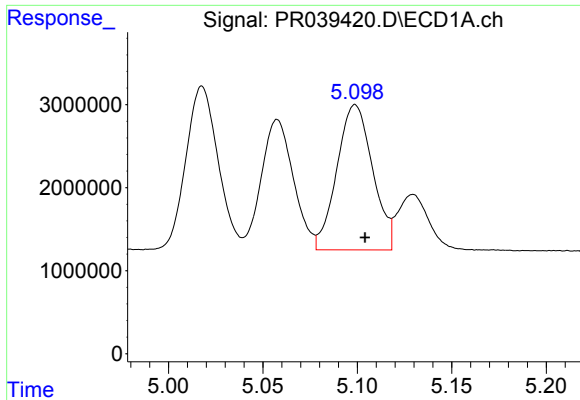
#22 AR-1248-2

R.T.: 5.058 min
Delta R.T.: -0.006 min
Response: 18535168
Conc: 295.48 ng/ml



#22 AR-1248-2

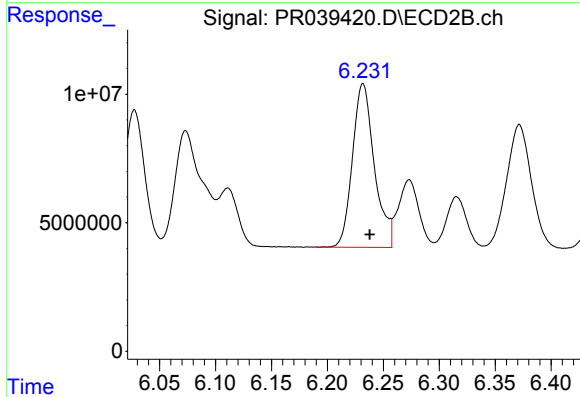
R.T.: 6.027 min
Delta R.T.: -0.006 min
Response: 73422312
Conc: 312.62 ng/ml



#23 AR-1248-3

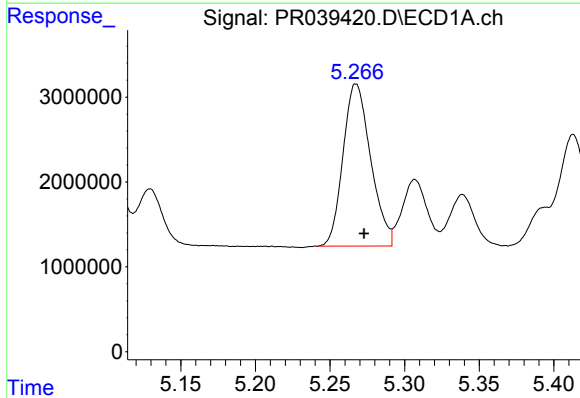
R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 23034429
Conc: 352.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



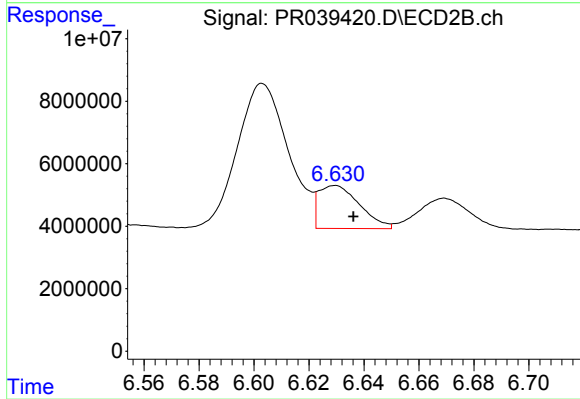
#23 AR-1248-3

R.T.: 6.232 min
Delta R.T.: -0.006 min
Response: 86821989
Conc: 314.15 ng/ml



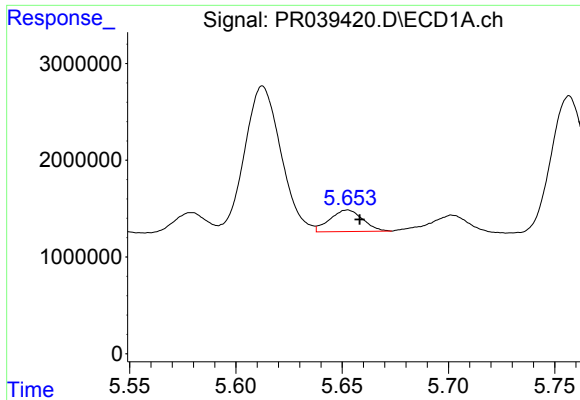
#24 AR-1248-4

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 24620364
Conc: 300.34 ng/ml



#24 AR-1248-4

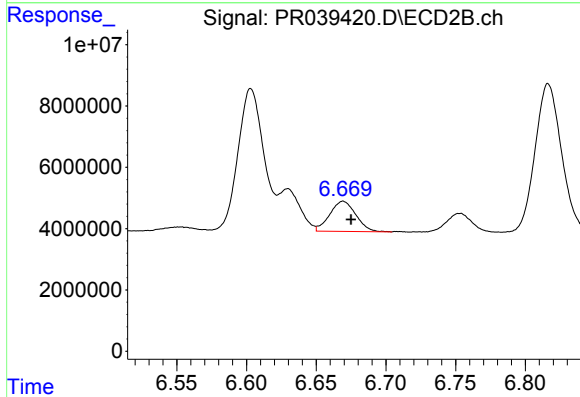
R.T.: 6.630 min
Delta R.T.: -0.007 min
Response: 14257760
Conc: 42.49 ng/ml



#25 AR-1248-5

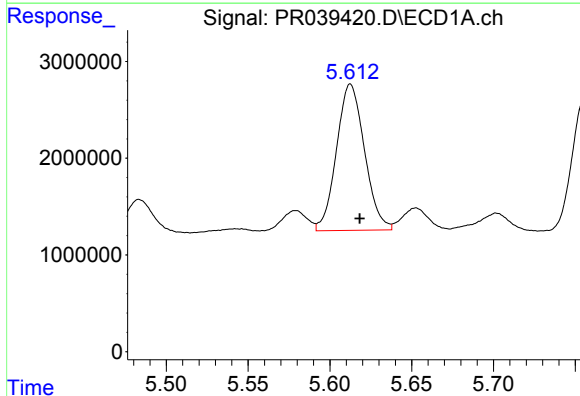
R.T.: 5.653 min
Delta R.T.: -0.006 min
Response: 2406523
Conc: 27.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



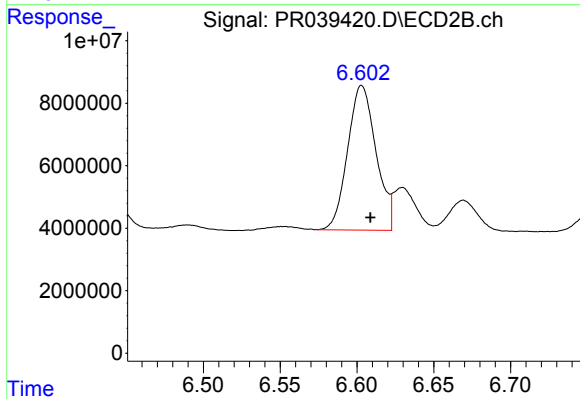
#25 AR-1248-5

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 12827269
Conc: 39.96 ng/ml



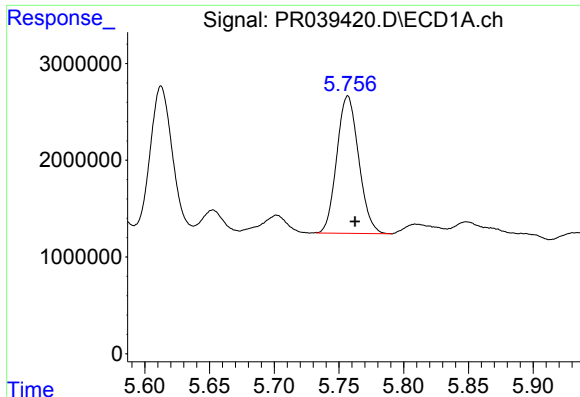
#26 AR-1254-1

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 18030542
Conc: 136.33 ng/ml



#26 AR-1254-1

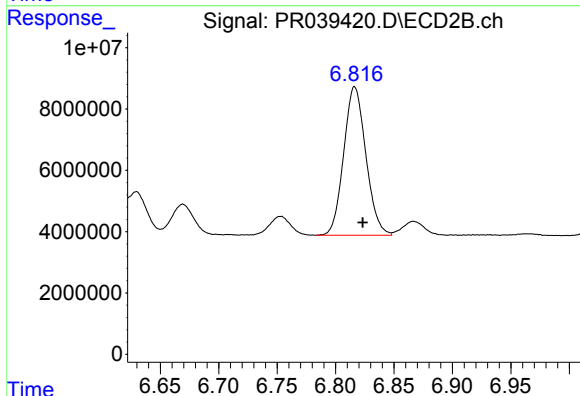
R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 59500992
Conc: 185.82 ng/ml



#27 AR-1254-2

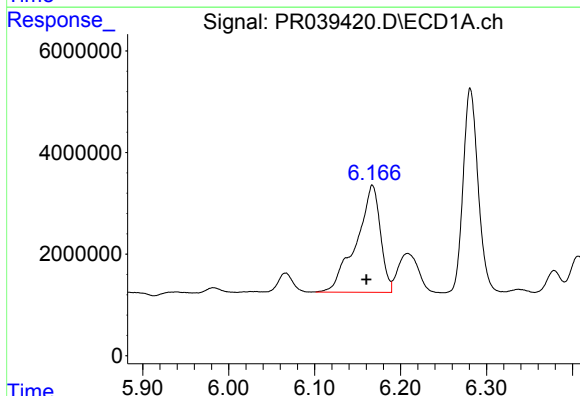
R.T.: 5.757 min
Delta R.T.: -0.006 min
Response: 16741461
Conc: 142.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



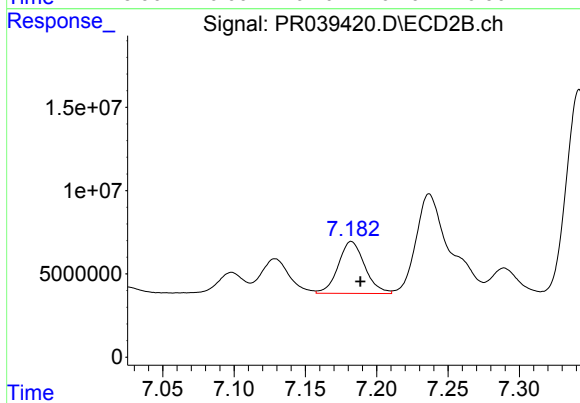
#27 AR-1254-2

R.T.: 6.816 min
Delta R.T.: -0.007 min
Response: 64050042
Conc: 125.16 ng/ml



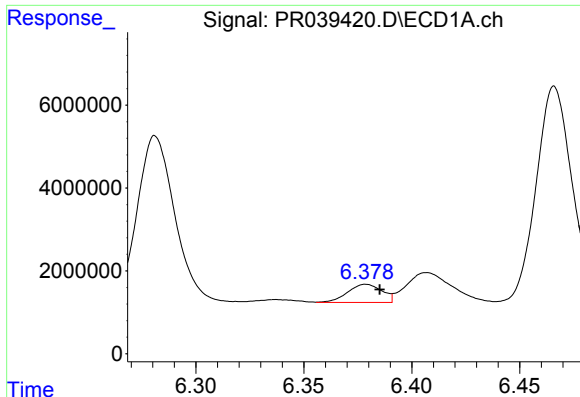
#28 AR-1254-3

R.T.: 6.167 min
Delta R.T.: 0.007 min
Response: 41145767
Conc: 199.13 ng/ml



#28 AR-1254-3

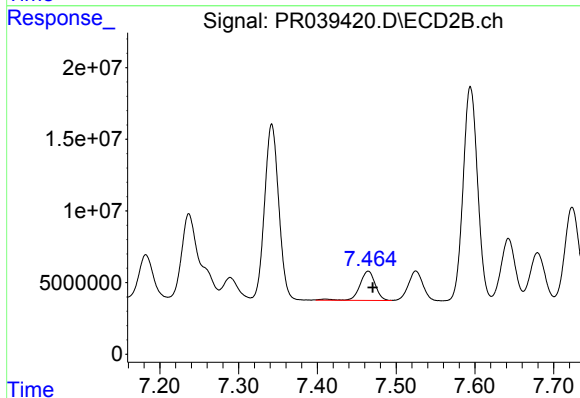
R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 40436767
Conc: 67.38 ng/ml



#29 AR-1254-4

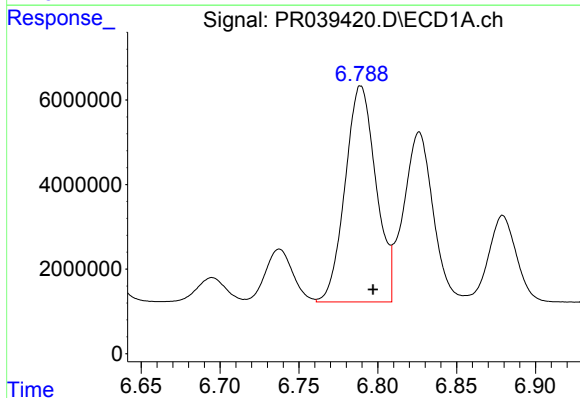
R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 4803452
Conc: 31.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



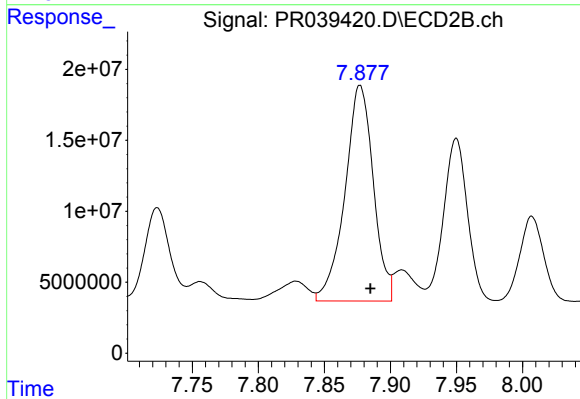
#29 AR-1254-4

R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 27947244
Conc: 64.58 ng/ml



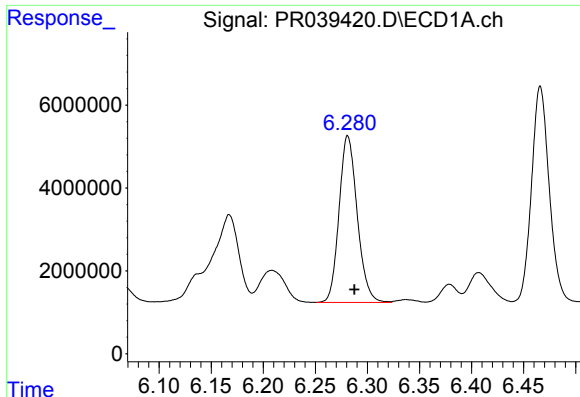
#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 69599350
Conc: 373.59 ng/ml



#30 AR-1254-5

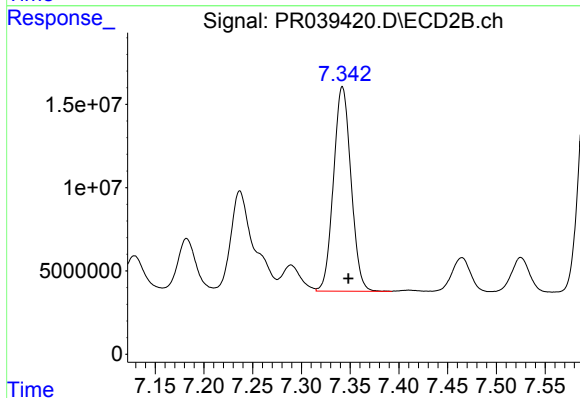
R.T.: 7.877 min
Delta R.T.: -0.008 min
Response: 227627040
Conc: 484.34 ng/ml



#31 AR-1260-1

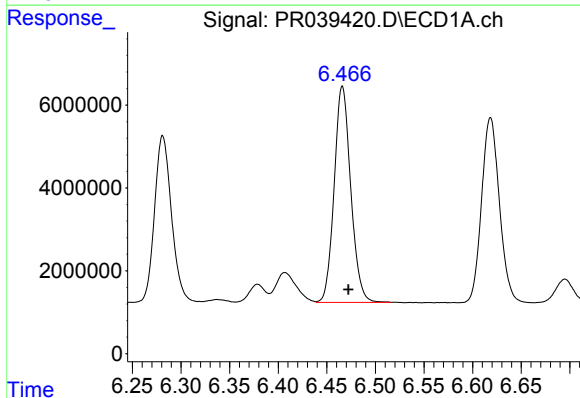
R.T.: 6.281 min
Delta R.T.: -0.006 min
Response: 48816387
Conc: 425.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



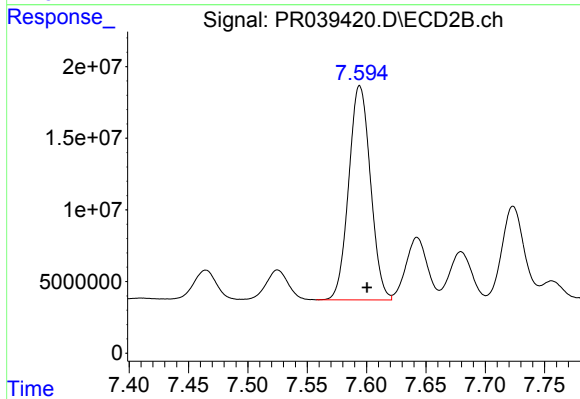
#31 AR-1260-1

R.T.: 7.342 min
Delta R.T.: -0.006 min
Response: 153423505
Conc: 422.50 ng/ml



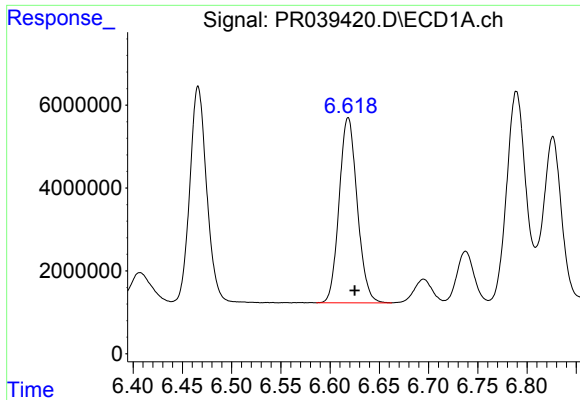
#32 AR-1260-2

R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 61874617
Conc: 410.28 ng/ml



#32 AR-1260-2

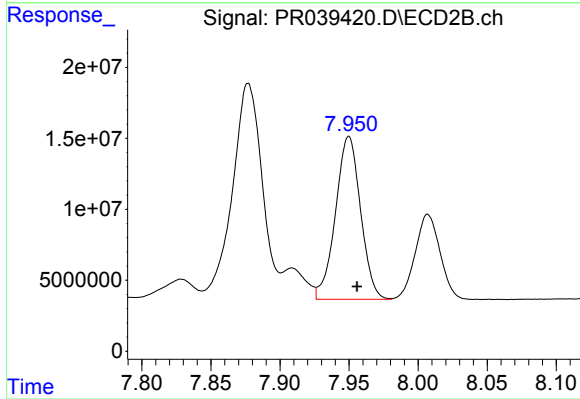
R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 190687780
Conc: 435.95 ng/ml



#33 AR-1260-3

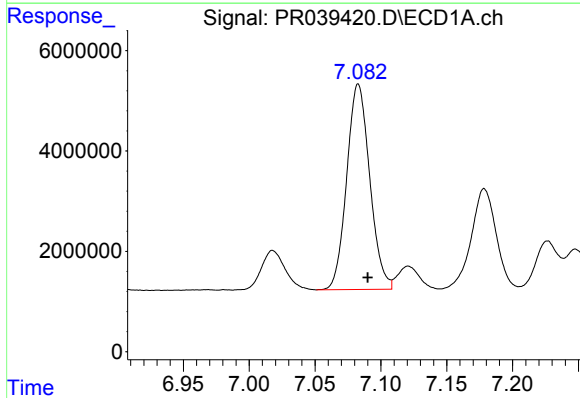
R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 57107937
Conc: 424.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



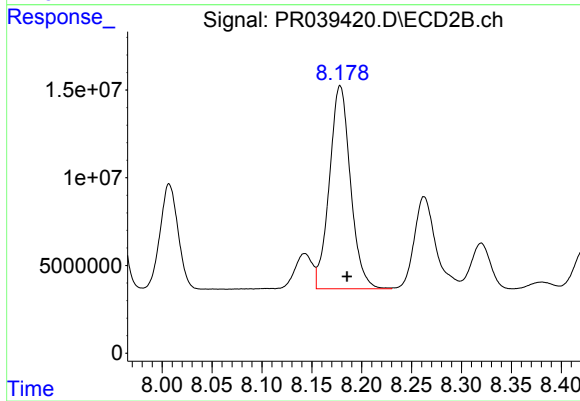
#33 AR-1260-3

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 144986875
Conc: 427.21 ng/ml



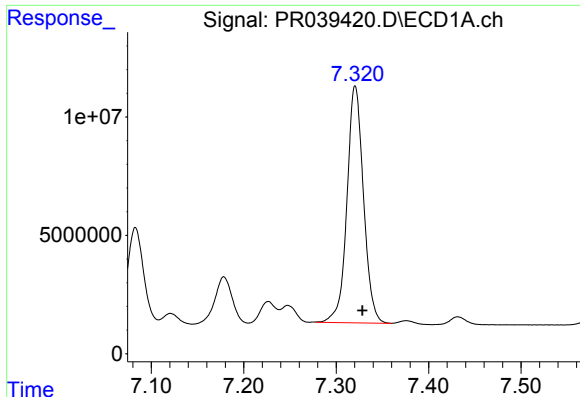
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 49838061
Conc: 416.39 ng/ml



#34 AR-1260-4

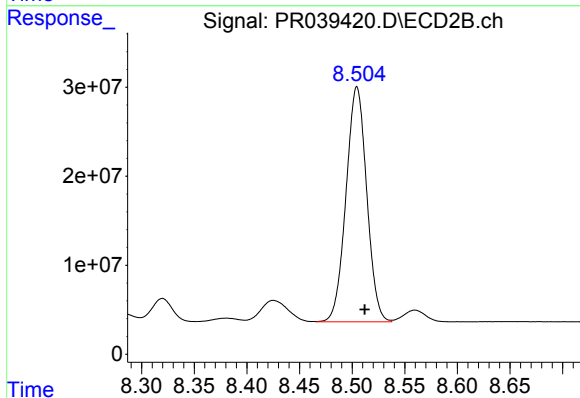
R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 170377136
Conc: 419.26 ng/ml



#35 AR-1260-5

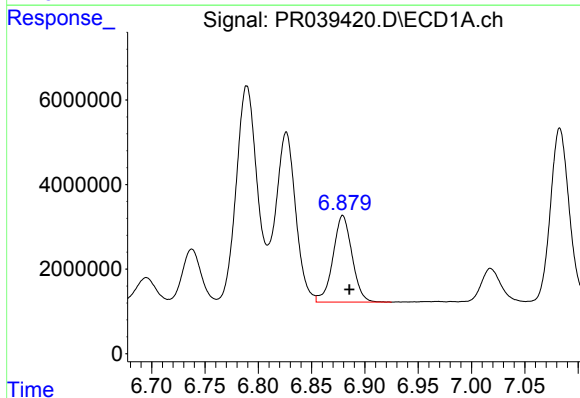
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 124296637
Conc: 413.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



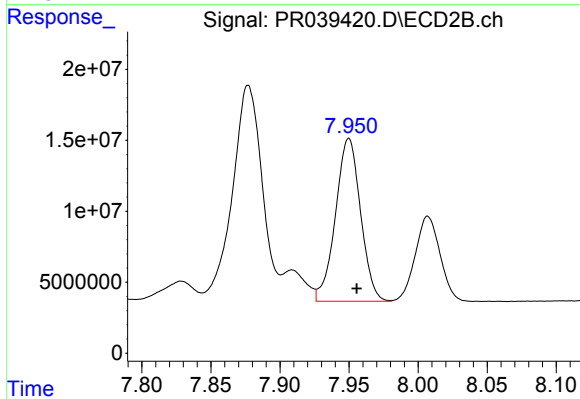
#35 AR-1260-5

R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: 361099889
Conc: 422.27 ng/ml



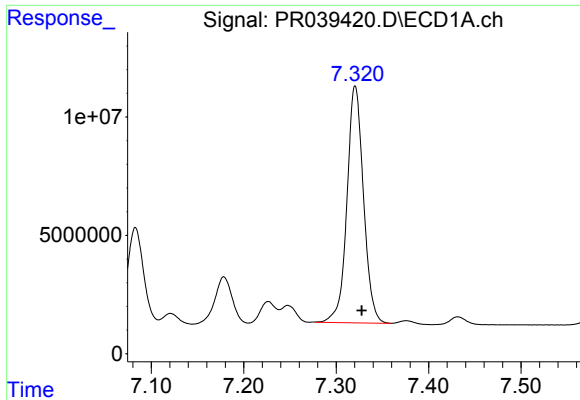
#36 AR-1262-1

R.T.: 6.879 min
Delta R.T.: -0.006 min
Response: 25550652
Conc: 269.54 ng/ml



#36 AR-1262-1

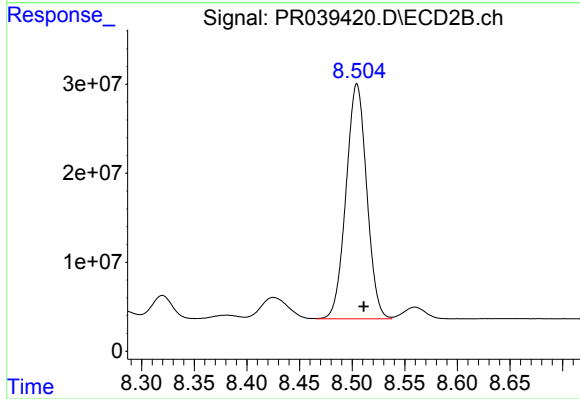
R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 144986875
Conc: 208.78 ng/ml



#37 AR-1262-2

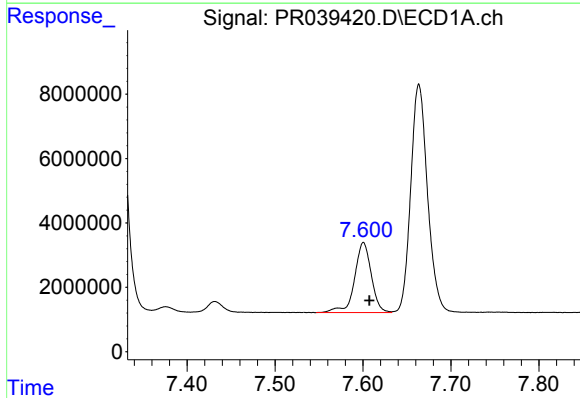
R.T.: 7.321 min
Delta R.T.: -0.007 min
Response: 124296637
Conc: 255.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



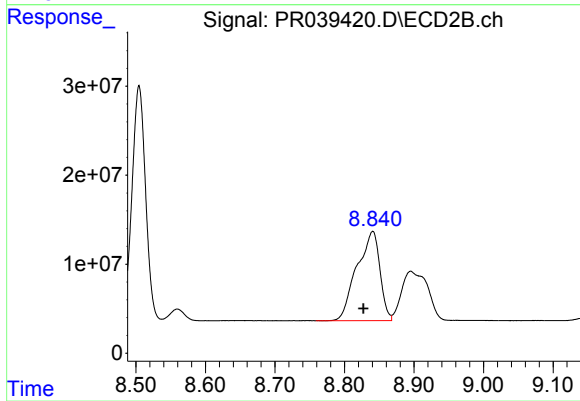
#37 AR-1262-2

R.T.: 8.505 min
Delta R.T.: -0.006 min
Response: 361099889
Conc: 263.44 ng/ml



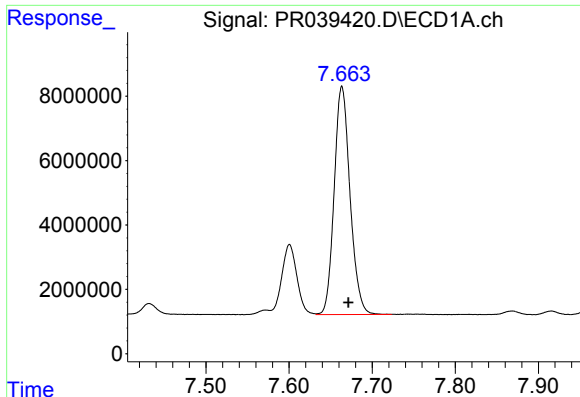
#38 AR-1262-3

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 28811376
Conc: 158.64 ng/ml



#38 AR-1262-3

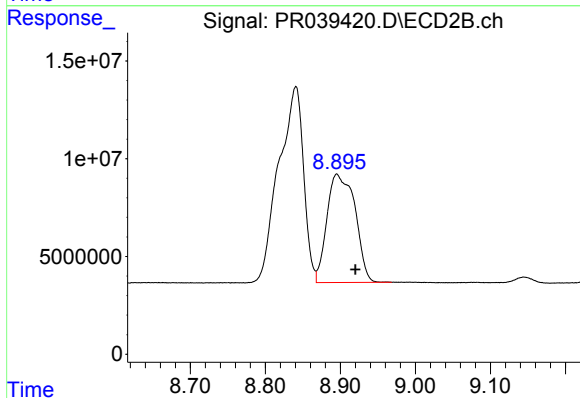
R.T.: 8.841 min
Delta R.T.: 0.014 min
Response: 230604787
Conc: 256.00 ng/ml



#39 AR-1262-4

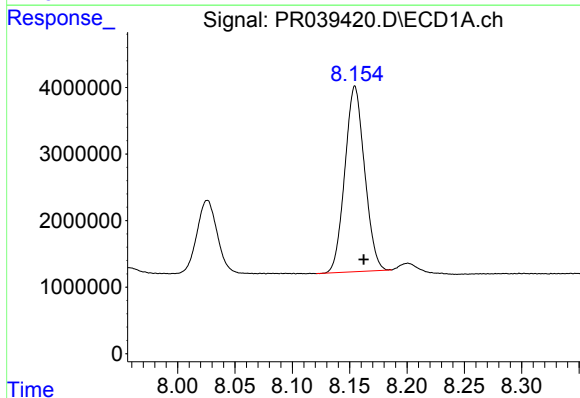
R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 93882864
Conc: 263.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



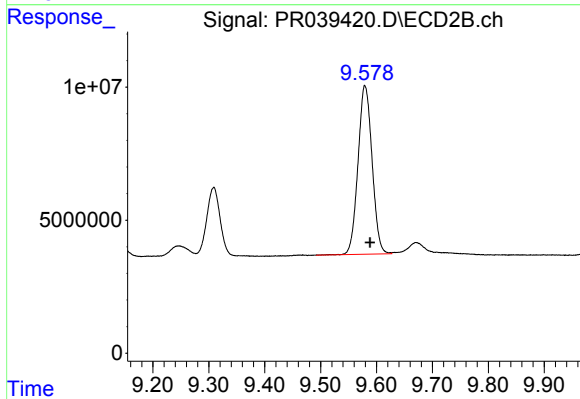
#39 AR-1262-4

R.T.: 8.895 min
Delta R.T.: -0.025 min
Response: 144331448
Conc: 214.97 ng/ml



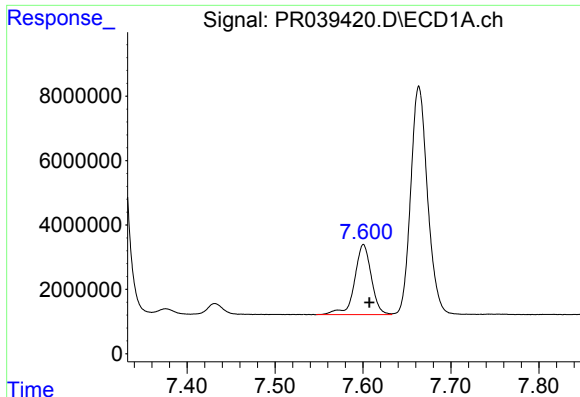
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: -0.008 min
Response: 33353539
Conc: 204.52 ng/ml



#40 AR-1262-5

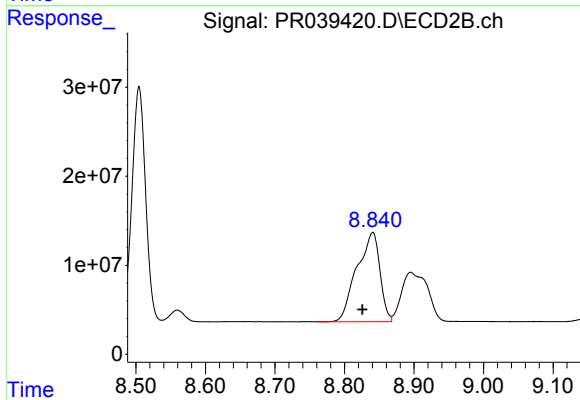
R.T.: 9.579 min
Delta R.T.: -0.009 min
Response: 110683055
Conc: 226.11 ng/ml



#41 AR-1268-1

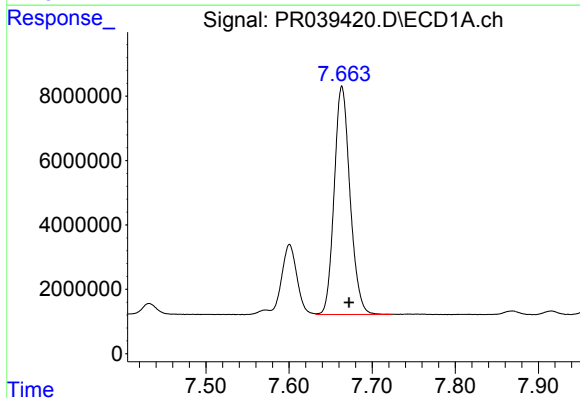
R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 28811376
Conc: 53.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



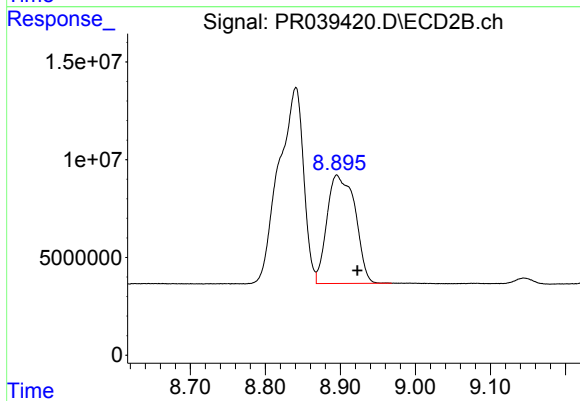
#41 AR-1268-1

R.T.: 8.841 min
Delta R.T.: 0.015 min
Response: 230604787
Conc: 146.35 ng/ml



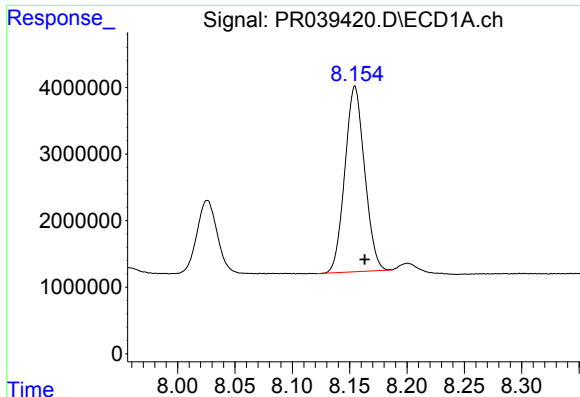
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 93882864
Conc: 189.54 ng/ml



#42 AR-1268-2

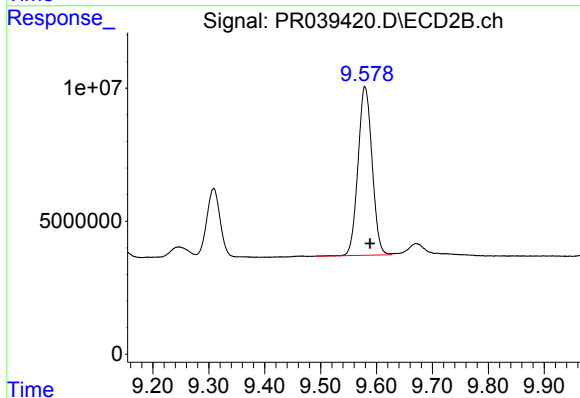
R.T.: 8.895 min
Delta R.T.: -0.028 min
Response: 144331448
Conc: 98.39 ng/ml



#44 AR-1268-4

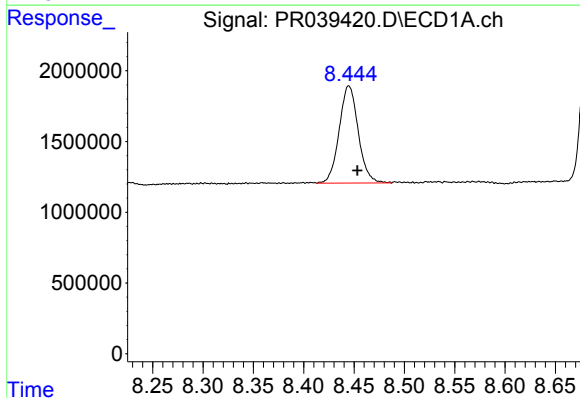
R.T.: 8.155 min
Delta R.T.: -0.008 min
Response: 33353539
Conc: 186.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



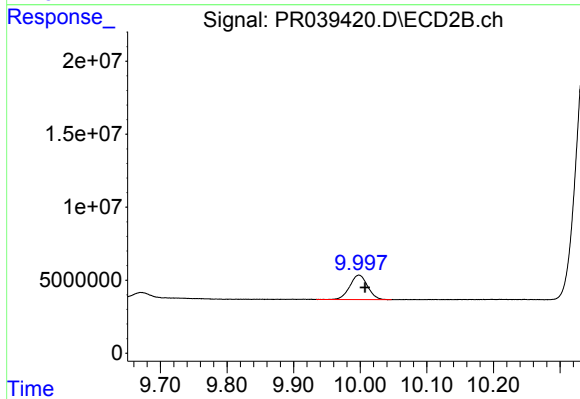
#44 AR-1268-4

R.T.: 9.579 min
Delta R.T.: -0.009 min
Response: 110683055
Conc: 208.91 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: -0.008 min
Response: 9068881
Conc: 6.68 ng/ml



#45 AR-1268-5

R.T.: 9.998 min
Delta R.T.: -0.009 min
Response: 31104364
Conc: 7.25 ng/ml