

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
 Data File : PR041461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 09:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660342

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 03:20:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.739	4.005	30134108	124.2E6	22.701	20.525
2)	SA Decachlor...	10.664	9.124	133.5E6	395.3E6	41.823	36.645
Target Compounds							
3)	L1 AR-1016-1	5.914	5.103	29983132	62367125	468.876	423.258
4)	L1 AR-1016-2	5.937	5.123	42646828	88134444	468.325	428.084
5)	L1 AR-1016-3	6.000	5.301	25786824	49765840	469.913	420.539
6)	L1 AR-1016-4	6.100	5.341	21127360	42004690	440.480	431.188
7)	L1 AR-1016-5	6.394	5.558	22391629	59793579	452.613	430.097
8)	L2 AR-1221-1	4.942	4.216	1792396	5556974	138.398	96.952 #
9)	L2 AR-1221-2	5.035	4.305	2441007	7336954	182.975	210.384
10)	L2 AR-1221-3	5.113	4.382	10999959	27791885	301.178	262.088
11)	L3 AR-1232-1	5.113	4.382	10999959	27791885	377.140	344.792
12)	L3 AR-1232-2	5.647	5.123	18324634	88134444	1120.090	906.222
13)	L3 AR-1232-3	5.937	5.301	42646828	49765840	1124.884	1108.283
14)	L3 AR-1232-4	6.100	5.384	21127360	53941810	1145.010	1287.813
15)	L3 AR-1232-5	6.187	5.558	19400256	59793579	1404.016	1117.760
16)	L4 AR-1242-1	5.914	5.103	29983132	62367125	582.917	556.197
17)	L4 AR-1242-2	5.937	5.123	42646828	88134444	585.125	551.224
18)	L4 AR-1242-3	6.000	5.301	25786824	49765840	583.189	548.649
19)	L4 AR-1242-4	6.100	5.384	21127360	53941810	575.920	573.207
20)	L4 AR-1242-5	6.837	5.912	3581987	59992368	69.881	353.650 #
21)	L5 AR-1248-1	5.914	5.103	29983132	62367125	816.850	739.929
22)	L5 AR-1248-2	6.187	5.341	19400256	42004690	352.203	345.352
23)	L5 AR-1248-3	6.394	5.384	22391629	53941810	348.724	425.480
24)	L5 AR-1248-4	6.796	5.558	3858447	59793579	45.211	356.240 #
25)	L5 AR-1248-5	6.837	5.953	3581987	15437449	43.959	70.901 #
26)	L6 AR-1254-1	6.771	5.912	18530644	59992368	222.678	184.990
27)	L6 AR-1254-2	6.987	6.058	19053875	65085649	135.600	213.044 #
28)	L6 AR-1254-3	7.357	6.481	14918706	126.4E6	88.049	225.928 #
29)	L6 AR-1254-4	7.642	6.693	16106624	18037522	118.654	42.267 #
30)	L6 AR-1254-5	8.060	7.113	76432846	217.0E6	497.064	375.134
31)	L7 AR-1260-1	7.519	6.596	52881649	146.3E6	446.566	375.633
32)	L7 AR-1260-2	7.774	6.782	66944730	207.6E6	453.645	385.084
33)	L7 AR-1260-3	8.136	6.939	48837982	173.0E6	421.123	370.316
34)	L7 AR-1260-4	8.376	7.413	56758471	154.7E6	397.536	364.990
35)	L7 AR-1260-5	8.714	7.652	124.2E6	441.3E6	402.972	362.258
36)	L8 AR-1262-1	8.196	7.113	25023854	217.0E6	324.903	648.400 #
37)	L8 AR-1262-2	8.714	7.652	124.2E6	441.3E6	327.459	319.537
38)	L8 AR-1262-3	9.067	7.938	79818017	108.3E6	302.726	189.370 #
39)	L8 AR-1262-4	9.126	8.002	48717593	322.3E6	246.713	318.048 #
40)	L8 AR-1262-5	9.850	8.521	40047288	129.0E6	255.771	230.355
41)	L9 AR-1268-1	9.067	7.938	79818017	108.3E6	165.977	64.002 #
42)	L9 AR-1268-2	9.126	8.002	48717593	322.3E6	110.149	206.023 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
 Data File : PR041461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 09:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

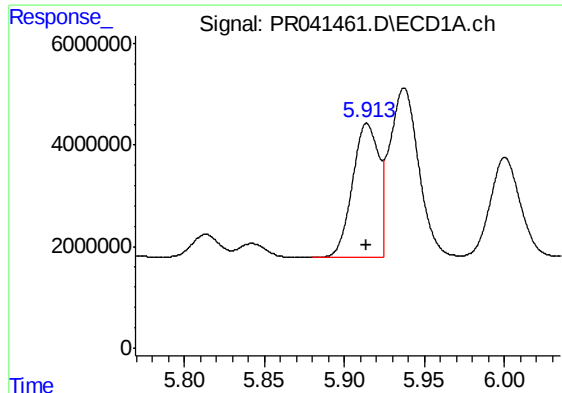
Instrument :
 ECD_R
 ClientSampleId :
 AR1660342

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 03:20:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.392	8.219	2056900	5811082	5.567	4.392
44) L9	AR-1268-4	9.850	8.521	40047288	129.0E6	228.743	214.863
45) L9	AR-1268-5	10.298	8.841	11756893	34117629	8.313	7.740

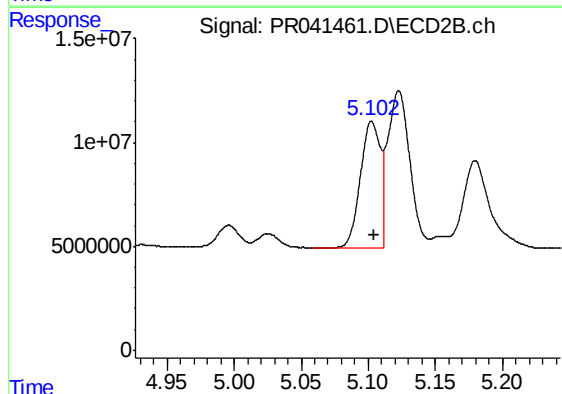
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

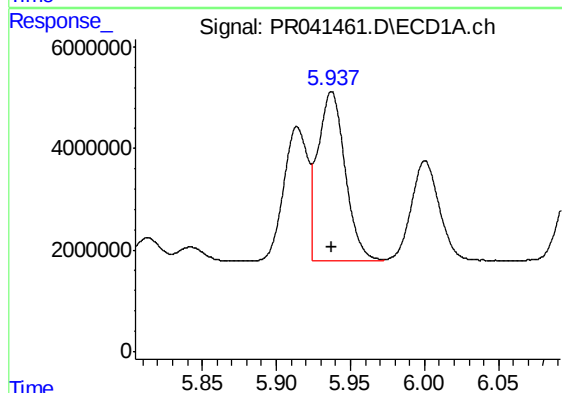
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 29983132
Conc: 468.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



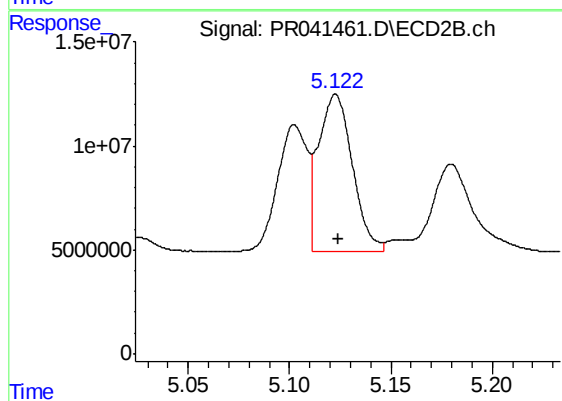
#3 AR-1016-1

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 62367125
Conc: 423.26 ng/ml



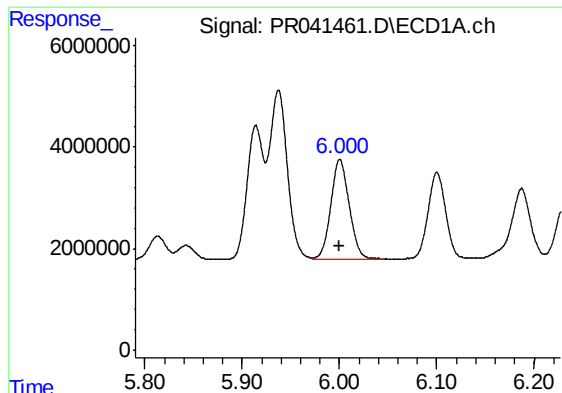
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 42646828
Conc: 468.33 ng/ml



#4 AR-1016-2

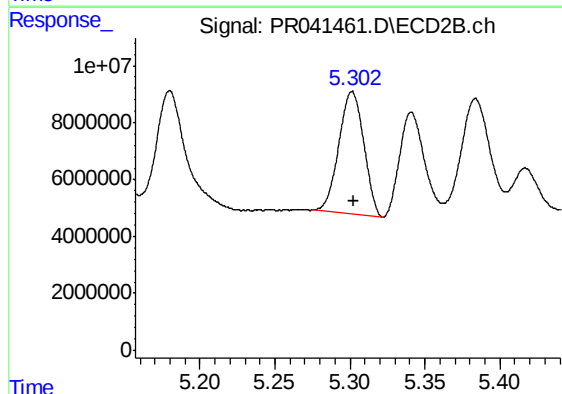
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 88134444
Conc: 428.08 ng/ml



#5 AR-1016-3

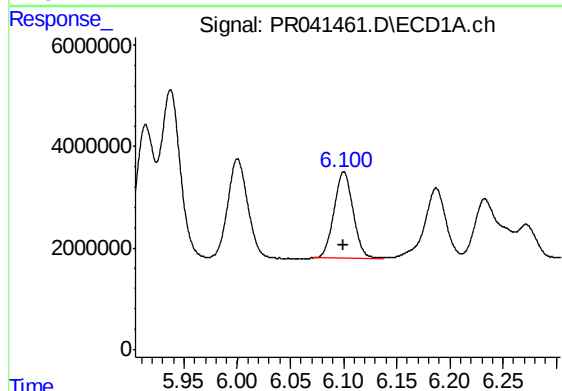
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 25786824
Conc: 469.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



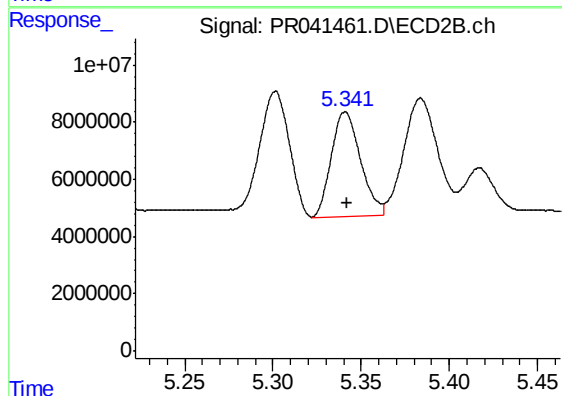
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: -0.001 min
Response: 49765840
Conc: 420.54 ng/ml



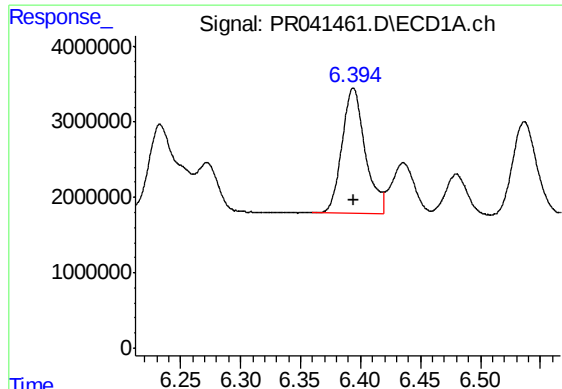
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 21127360
Conc: 440.48 ng/ml



#6 AR-1016-4

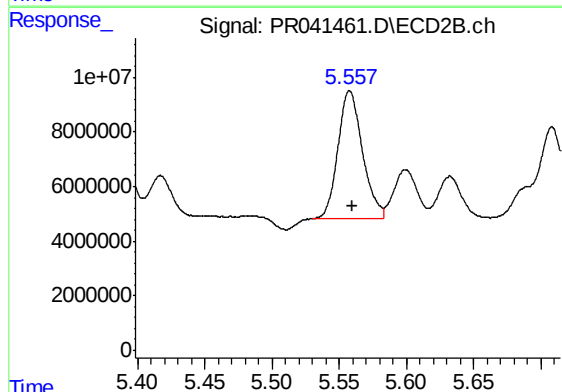
R.T.: 5.341 min
Delta R.T.: -0.001 min
Response: 42004690
Conc: 431.19 ng/ml



#7 AR-1016-5

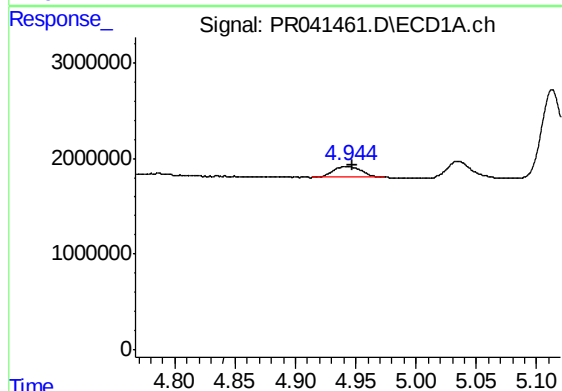
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 22391629
Conc: 452.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



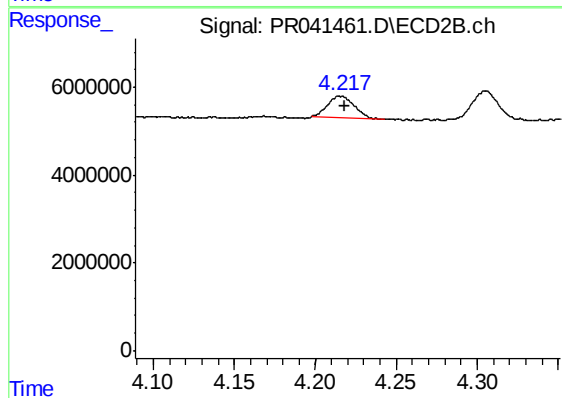
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 59793579
Conc: 430.10 ng/ml



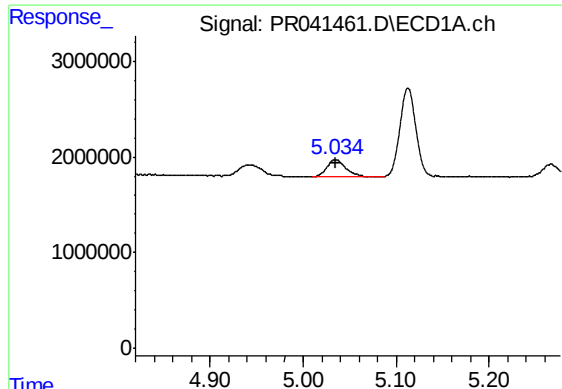
#8 AR-1221-1

R.T.: 4.942 min
Delta R.T.: -0.005 min
Response: 1792396
Conc: 138.40 ng/ml



#8 AR-1221-1

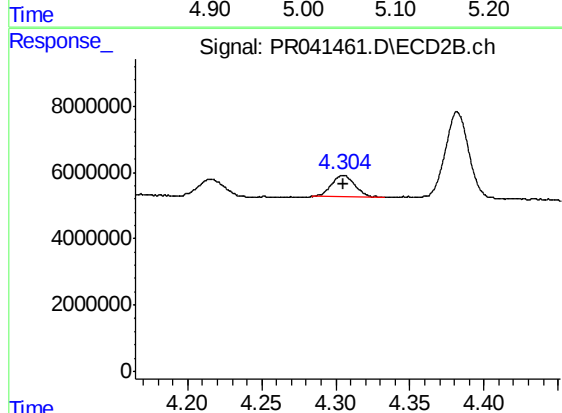
R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 5556974
Conc: 96.95 ng/ml



#9 AR-1221-2

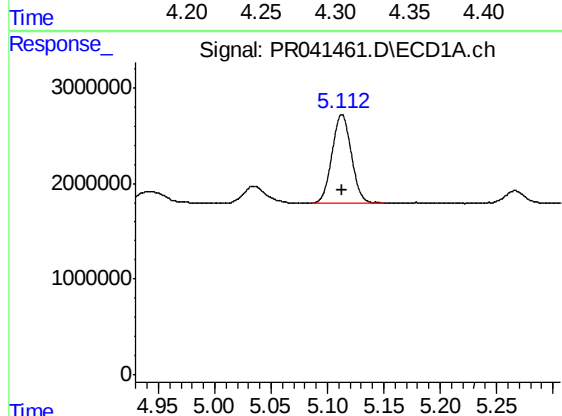
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 2441007
Conc: 182.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



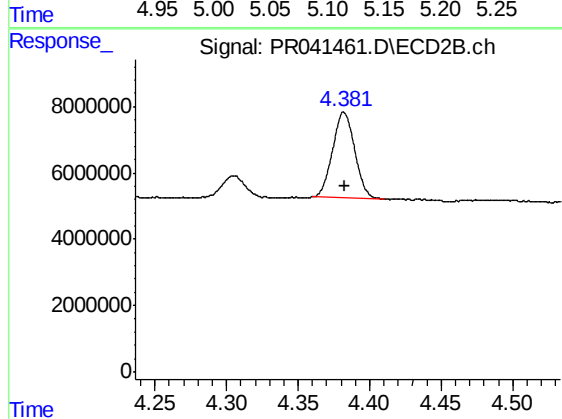
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 7336954
Conc: 210.38 ng/ml



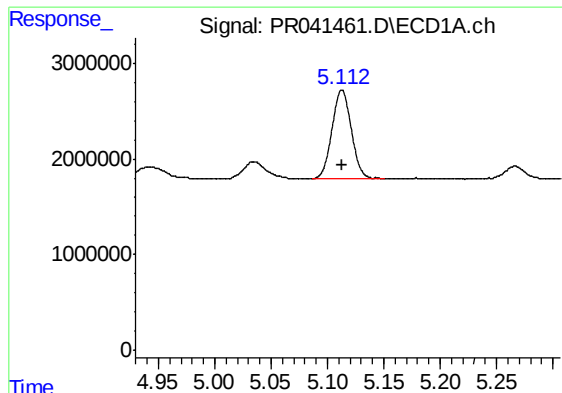
#10 AR-1221-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 10999959
Conc: 301.18 ng/ml



#10 AR-1221-3

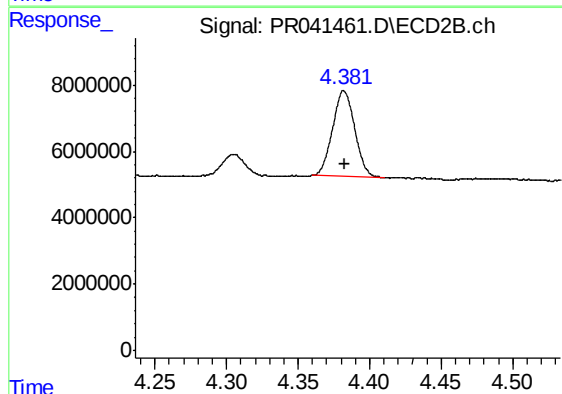
R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 27791885
Conc: 262.09 ng/ml



#11 AR-1232-1

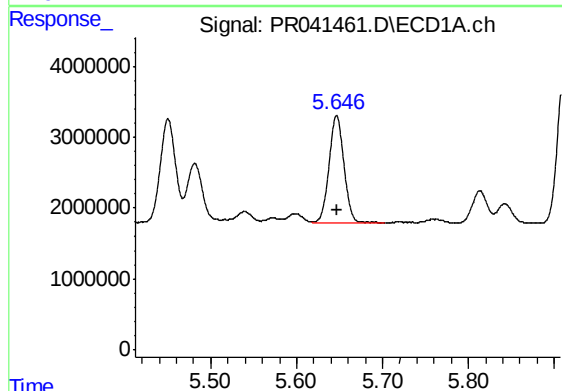
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 10999959
Conc: 377.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



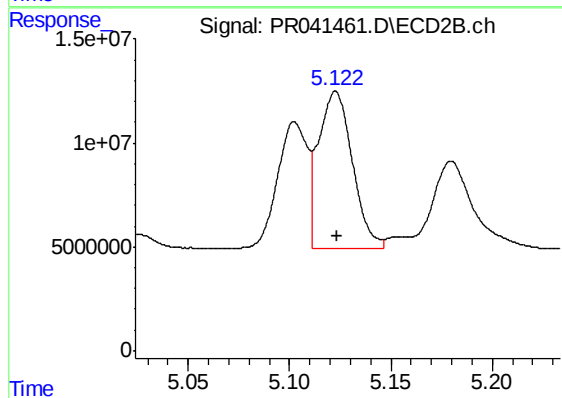
#11 AR-1232-1

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 27791885
Conc: 344.79 ng/ml



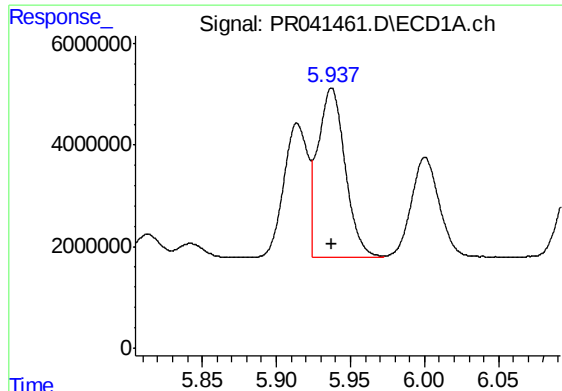
#12 AR-1232-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 18324634
Conc: 1120.09 ng/ml



#12 AR-1232-2

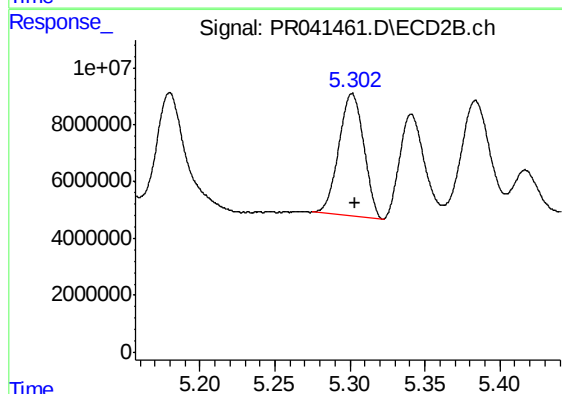
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 88134444
Conc: 906.22 ng/ml



#13 AR-1232-3

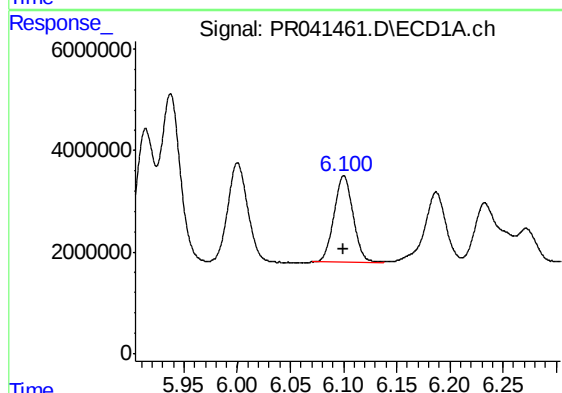
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 42646828
Conc: 1124.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



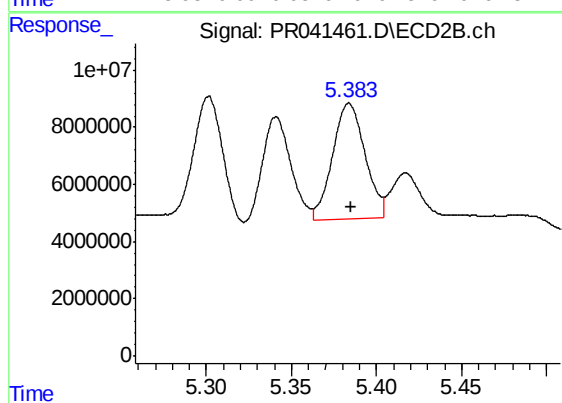
#13 AR-1232-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 49765840
Conc: 1108.28 ng/ml



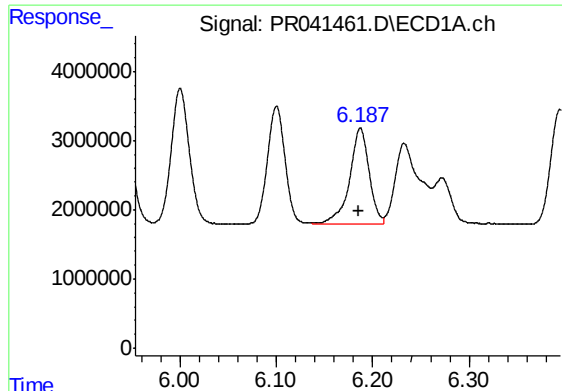
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 21127360
Conc: 1145.01 ng/ml



#14 AR-1232-4

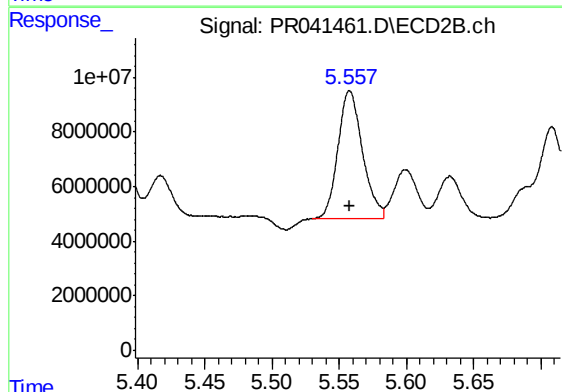
R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 53941810
Conc: 1287.81 ng/ml



#15 AR-1232-5

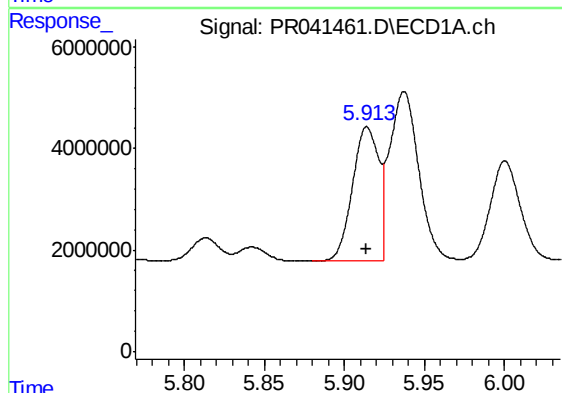
R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 19400256
Conc: 1404.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



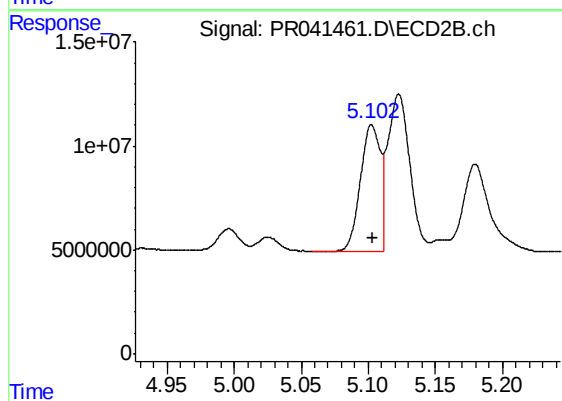
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 59793579
Conc: 1117.76 ng/ml



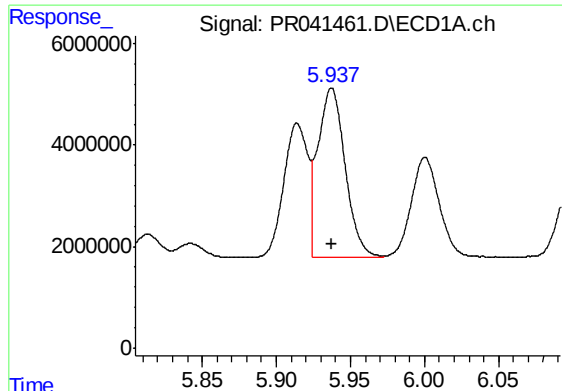
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 29983132
Conc: 582.92 ng/ml



#16 AR-1242-1

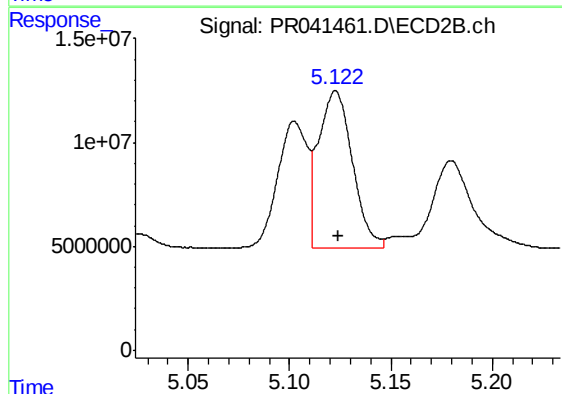
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 62367125
Conc: 556.20 ng/ml



#17 AR-1242-2

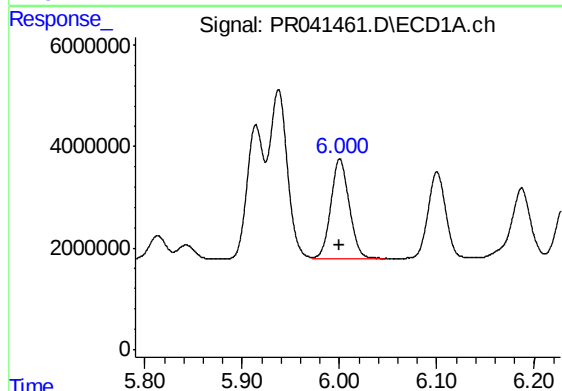
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 42646828
Conc: 585.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



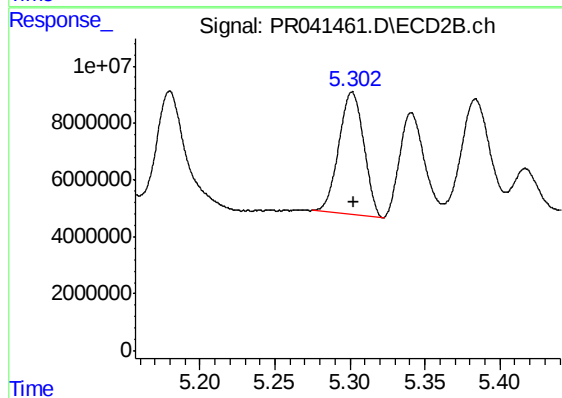
#17 AR-1242-2

R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 88134444
Conc: 551.22 ng/ml



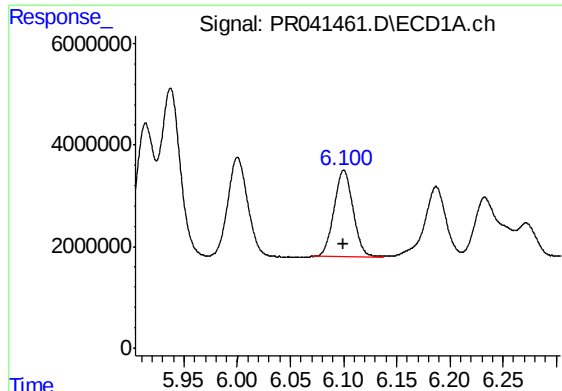
#18 AR-1242-3

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 25786824
Conc: 583.19 ng/ml



#18 AR-1242-3

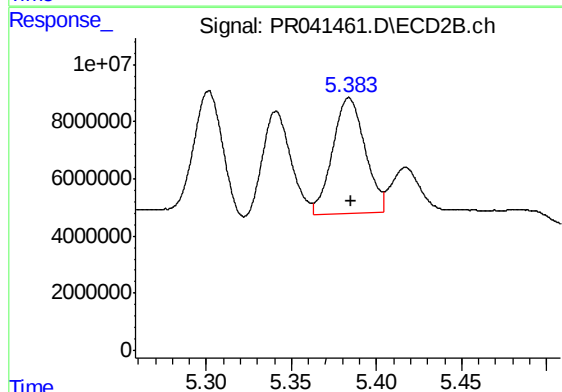
R.T.: 5.301 min
Delta R.T.: -0.001 min
Response: 49765840
Conc: 548.65 ng/ml



#19 AR-1242-4

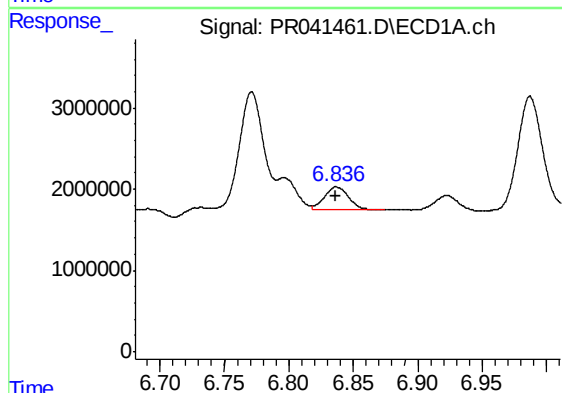
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 21127360
Conc: 575.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



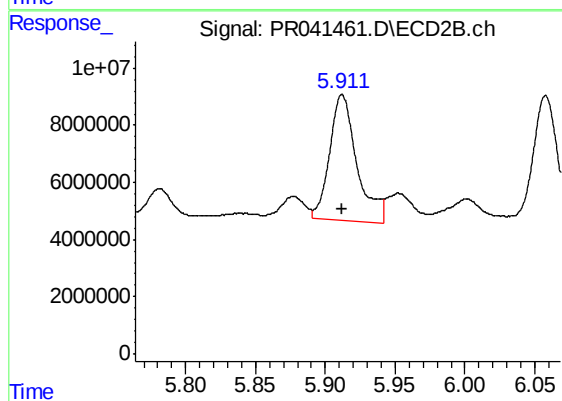
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 53941810
Conc: 573.21 ng/ml



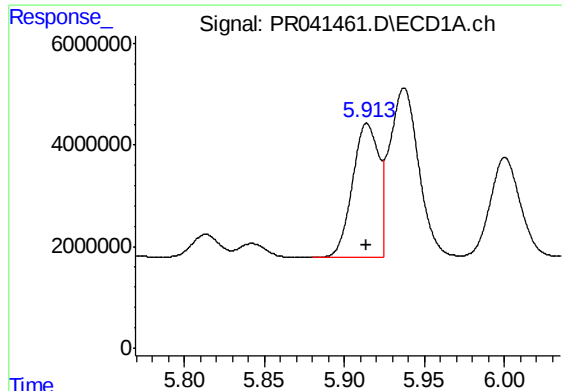
#20 AR-1242-5

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3581987
Conc: 69.88 ng/ml



#20 AR-1242-5

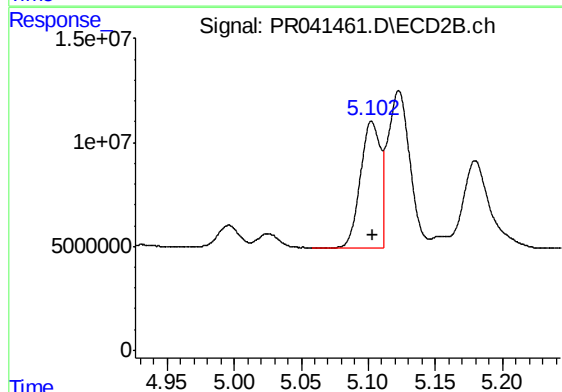
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 59992368
Conc: 353.65 ng/ml



#21 AR-1248-1

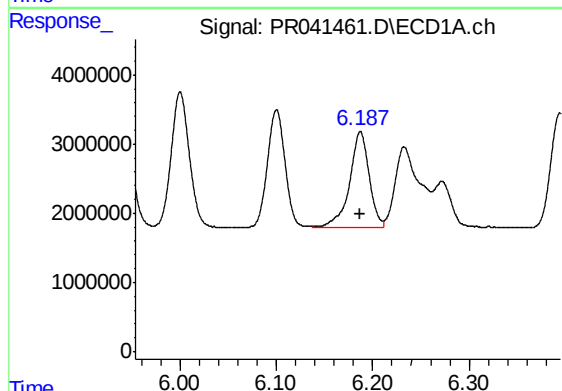
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 29983132
Conc: 816.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



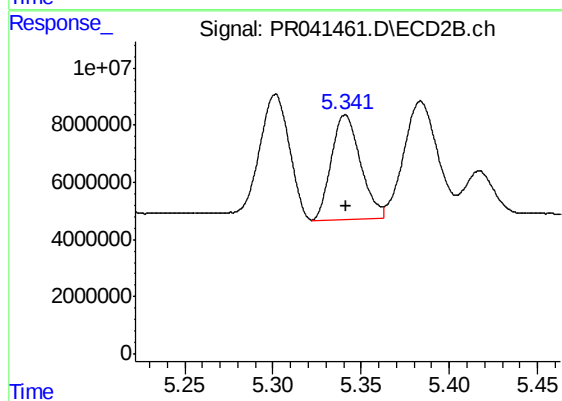
#21 AR-1248-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 62367125
Conc: 739.93 ng/ml



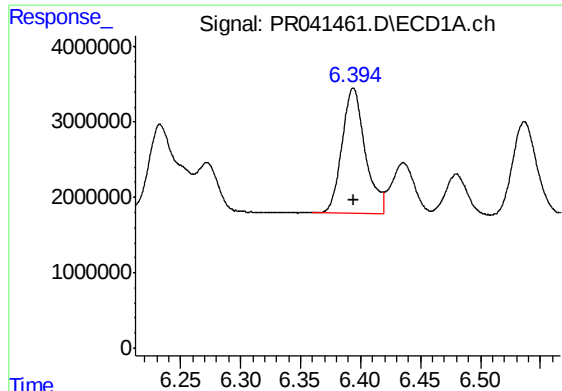
#22 AR-1248-2

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 19400256
Conc: 352.20 ng/ml



#22 AR-1248-2

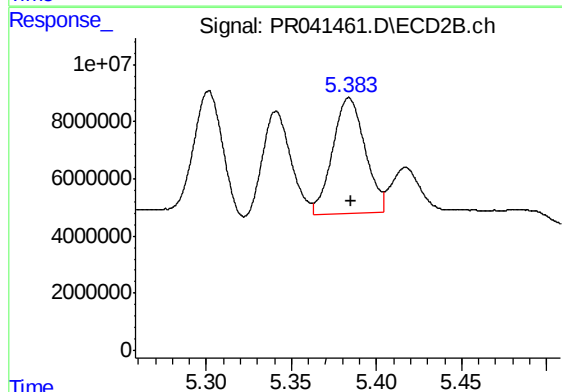
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 42004690
Conc: 345.35 ng/ml



#23 AR-1248-3

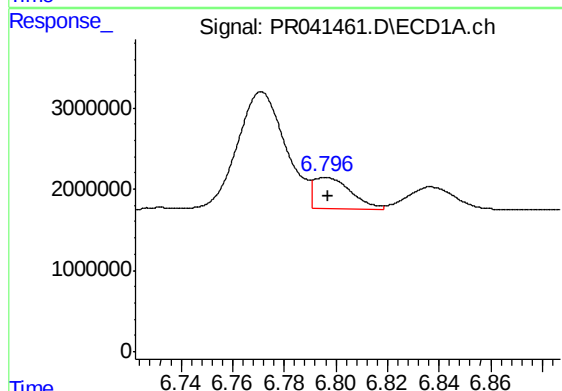
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 22391629
Conc: 348.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



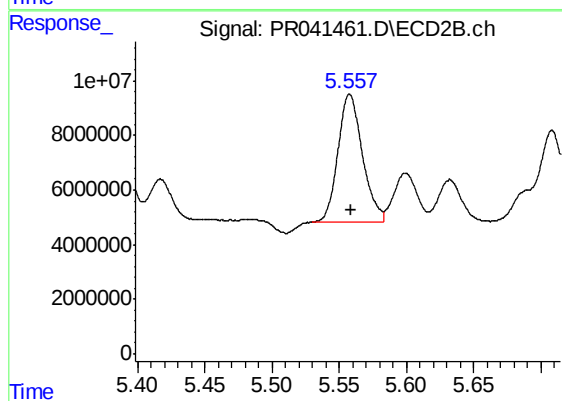
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 53941810
Conc: 425.48 ng/ml



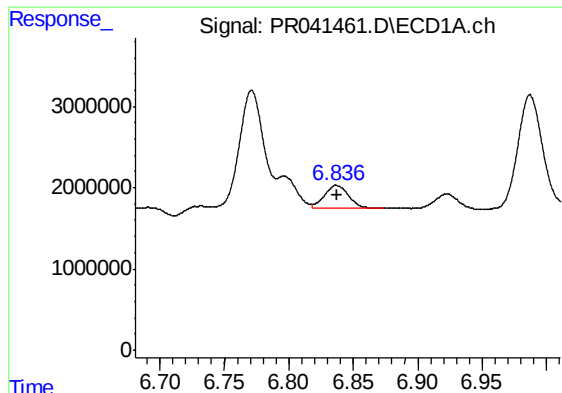
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 3858447
Conc: 45.21 ng/ml



#24 AR-1248-4

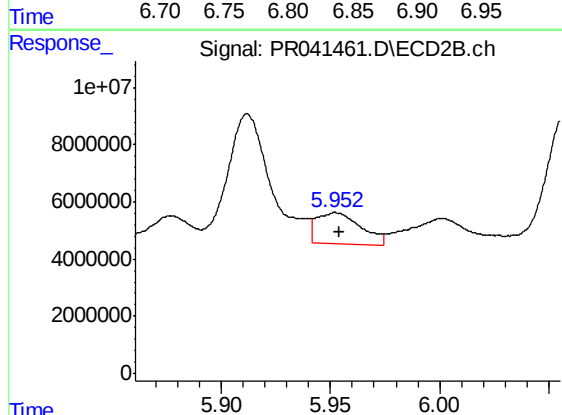
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 59793579
Conc: 356.24 ng/ml



#25 AR-1248-5

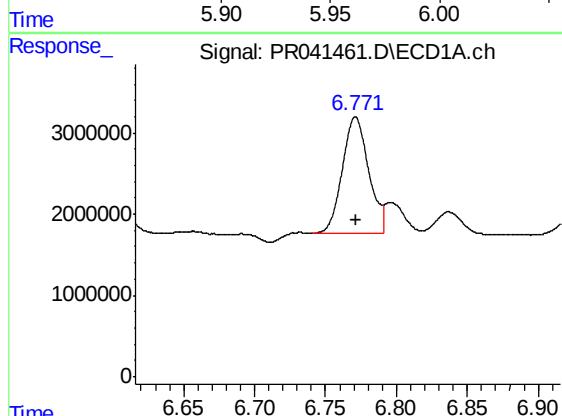
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3581987
Conc: 43.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



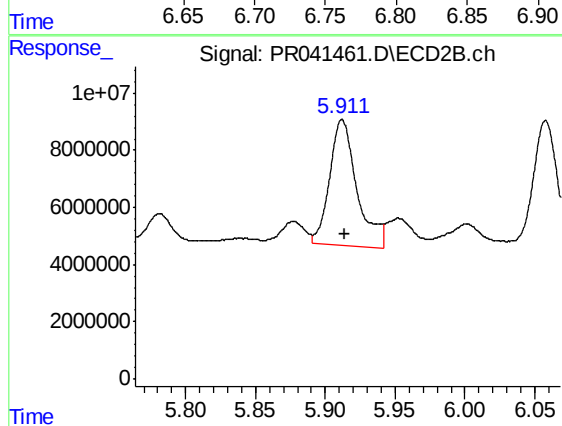
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 15437449
Conc: 70.90 ng/ml



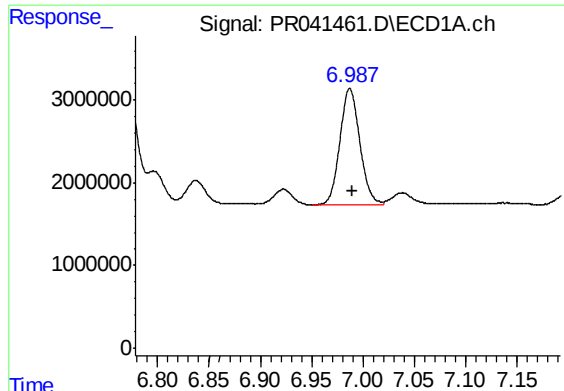
#26 AR-1254-1

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 18530644
Conc: 222.68 ng/ml



#26 AR-1254-1

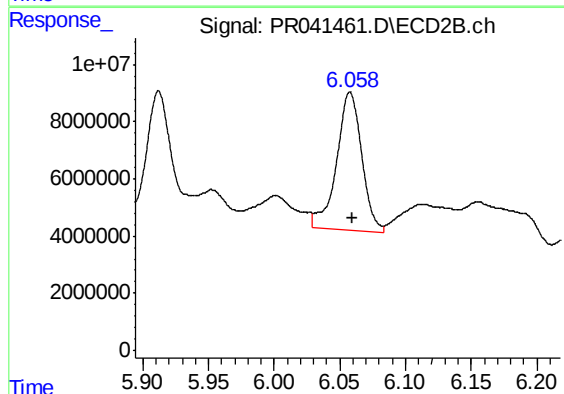
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 59992368
Conc: 184.99 ng/ml



#27 AR-1254-2

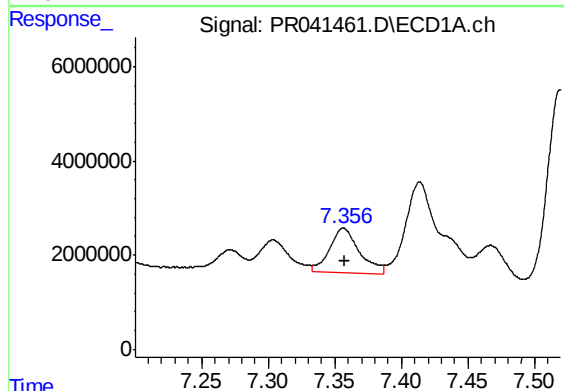
R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 19053875
Conc: 135.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



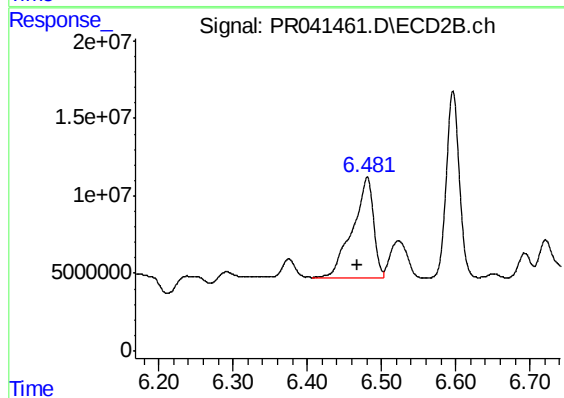
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 65085649
Conc: 213.04 ng/ml



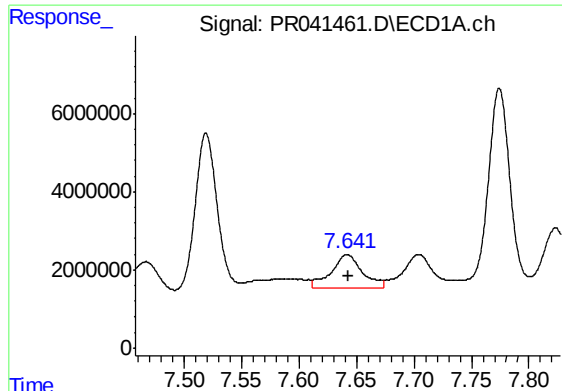
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: -0.001 min
Response: 14918706
Conc: 88.05 ng/ml



#28 AR-1254-3

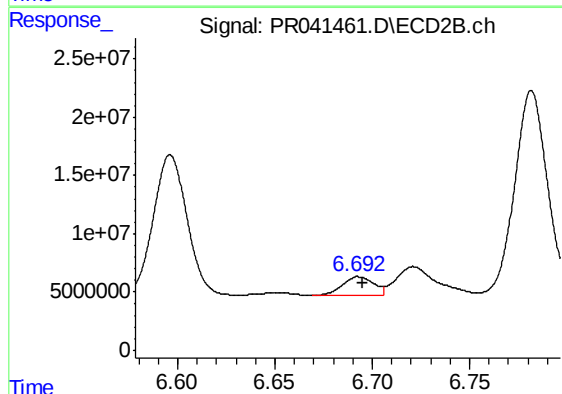
R.T.: 6.481 min
Delta R.T.: 0.013 min
Response: 126420573
Conc: 225.93 ng/ml



#29 AR-1254-4

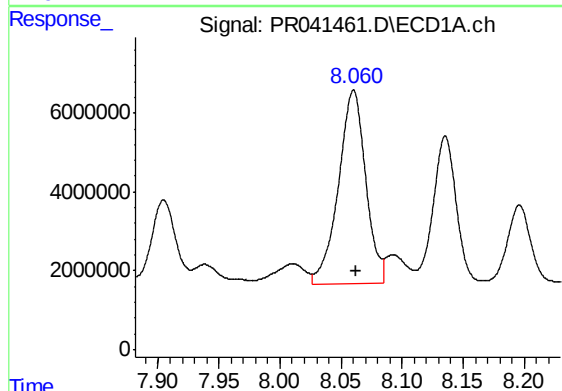
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 16106624
Conc: 118.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



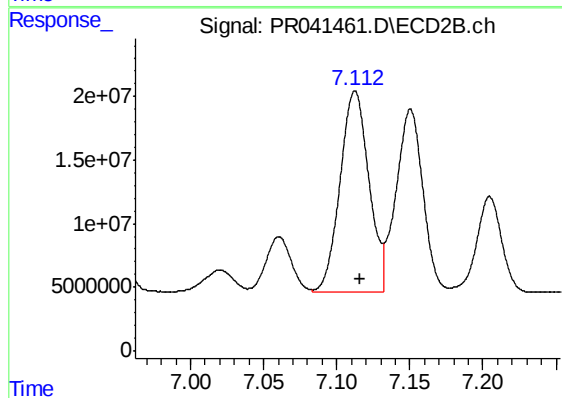
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 18037522
Conc: 42.27 ng/ml



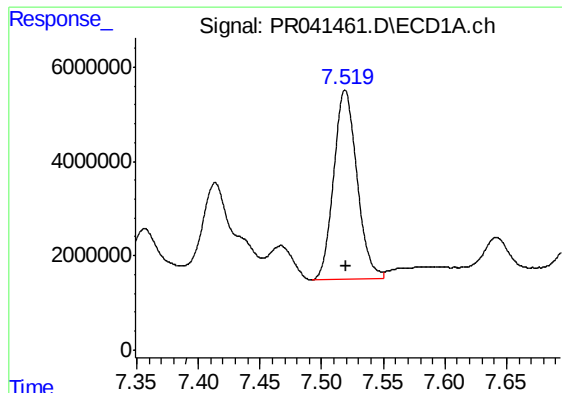
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 76432846
Conc: 497.06 ng/ml



#30 AR-1254-5

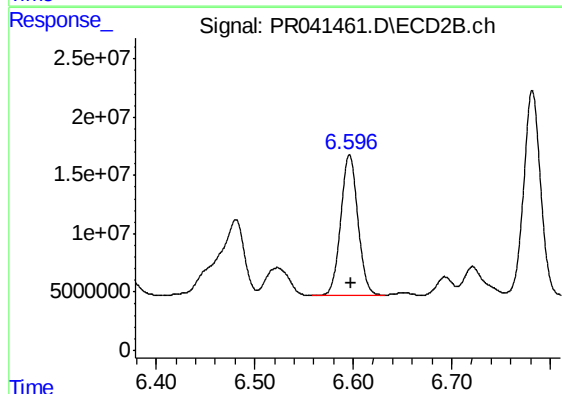
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 217022711
Conc: 375.13 ng/ml



#31 AR-1260-1

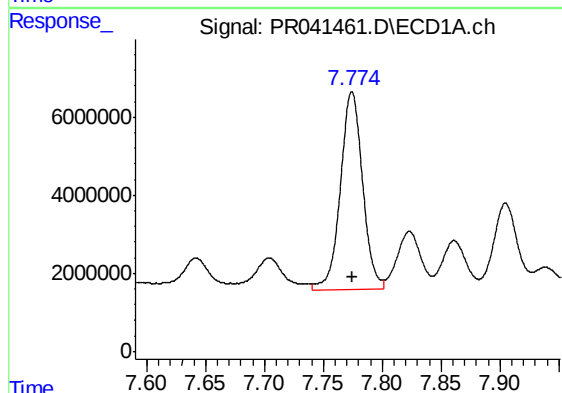
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 52881649
Conc: 446.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



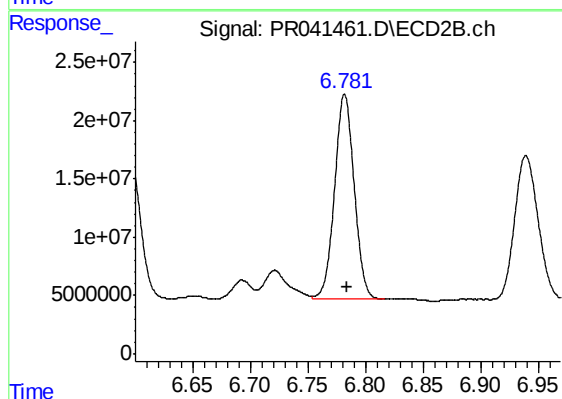
#31 AR-1260-1

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 146303219
Conc: 375.63 ng/ml



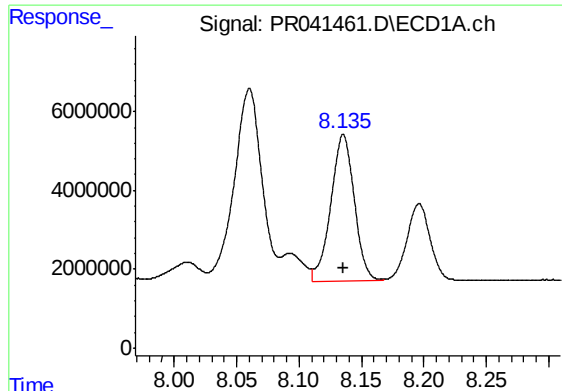
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 66944730
Conc: 453.64 ng/ml



#32 AR-1260-2

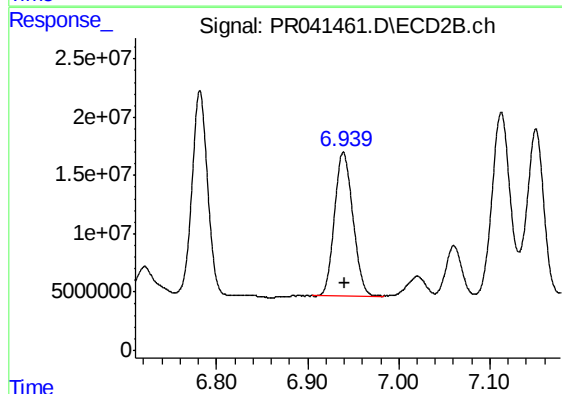
R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 207595018
Conc: 385.08 ng/ml



#33 AR-1260-3

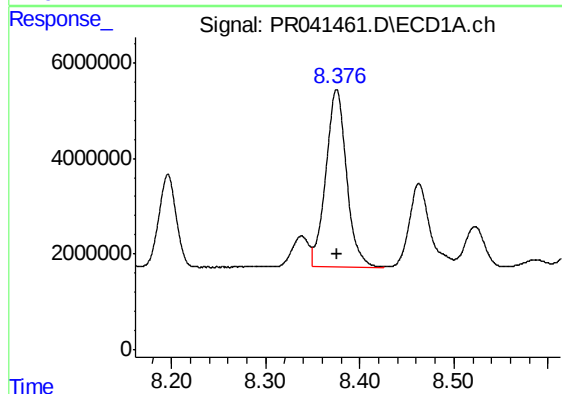
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 48837982
Conc: 421.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



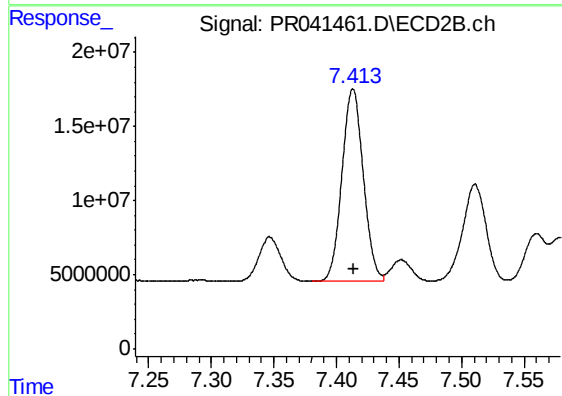
#33 AR-1260-3

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 172979705
Conc: 370.32 ng/ml



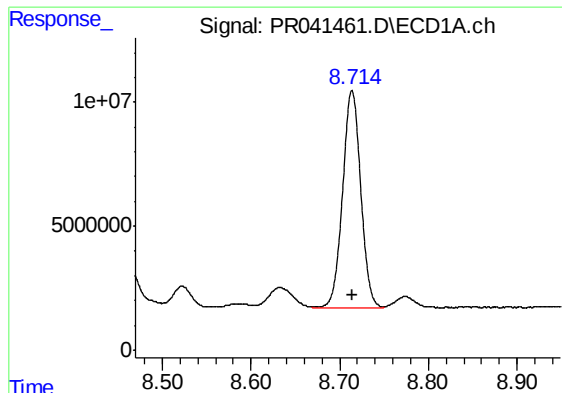
#34 AR-1260-4

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 56758471
Conc: 397.54 ng/ml



#34 AR-1260-4

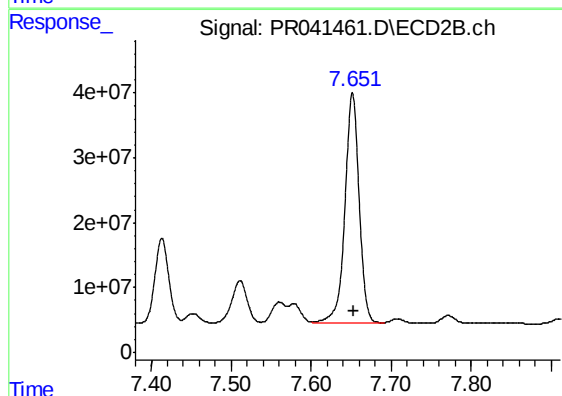
R.T.: 7.413 min
Delta R.T.: 0.000 min
Response: 154689451
Conc: 364.99 ng/ml



#35 AR-1260-5

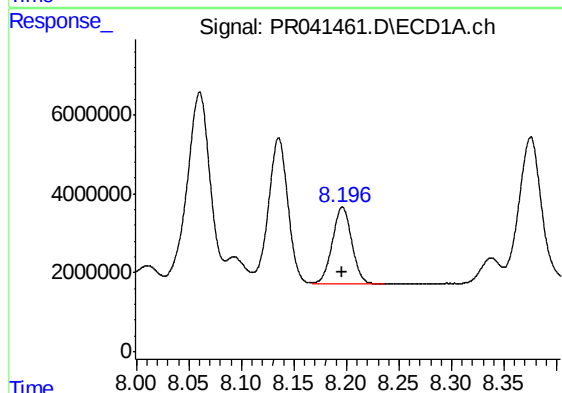
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 124150864
Conc: 402.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



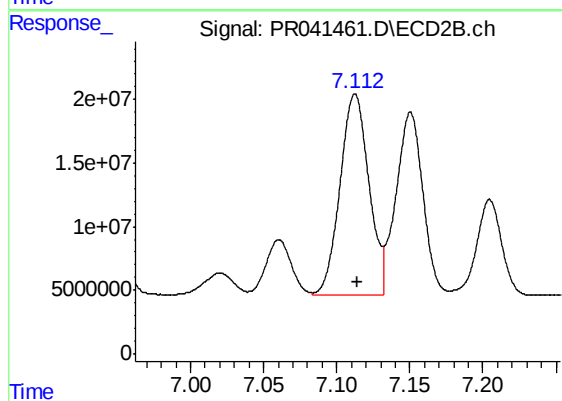
#35 AR-1260-5

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 441265778
Conc: 362.26 ng/ml



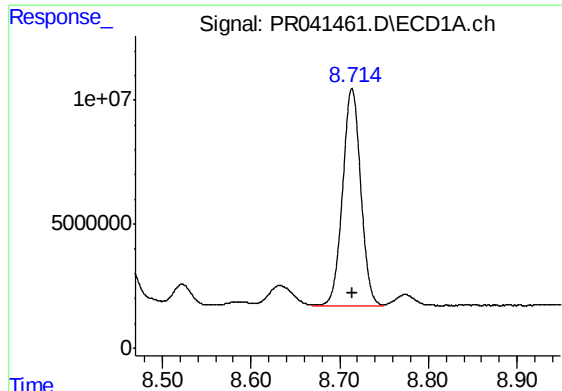
#36 AR-1262-1

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 25023854
Conc: 324.90 ng/ml



#36 AR-1262-1

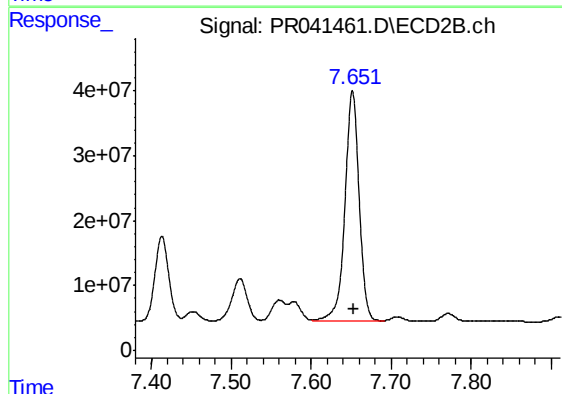
R.T.: 7.113 min
Delta R.T.: -0.001 min
Response: 217022711
Conc: 648.40 ng/ml



#37 AR-1262-2

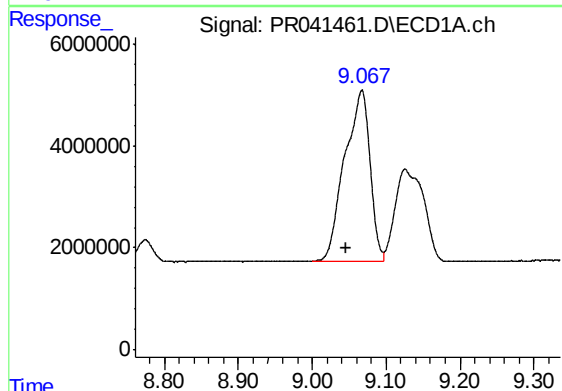
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 124150864
Conc: 327.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



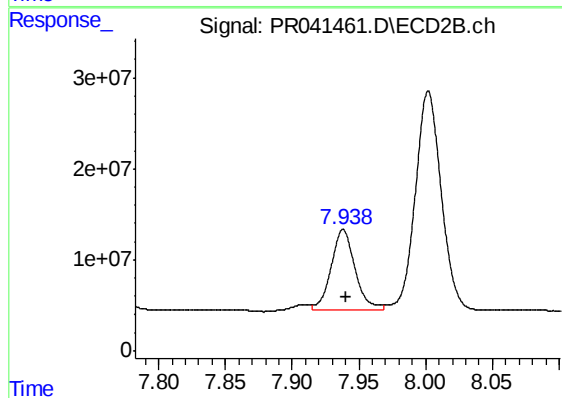
#37 AR-1262-2

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 441265778
Conc: 319.54 ng/ml



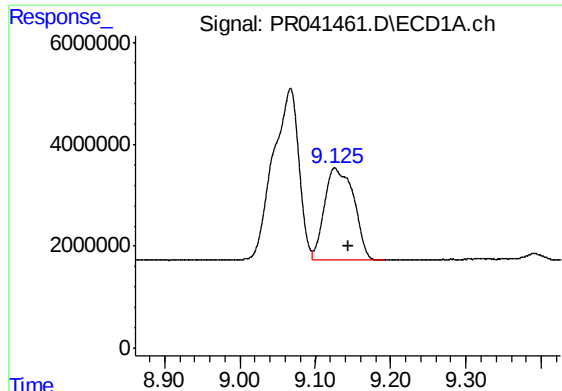
#38 AR-1262-3

R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 79818017
Conc: 302.73 ng/ml



#38 AR-1262-3

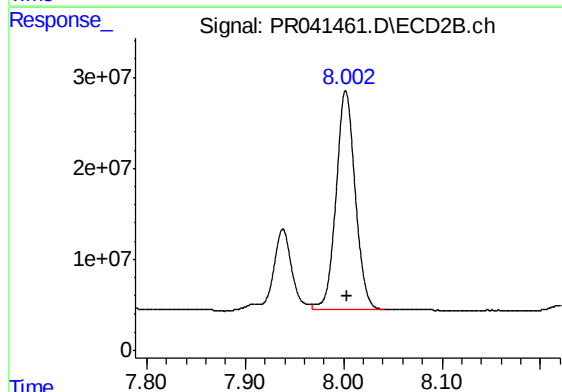
R.T.: 7.938 min
Delta R.T.: -0.002 min
Response: 108308786
Conc: 189.37 ng/ml



#39 AR-1262-4

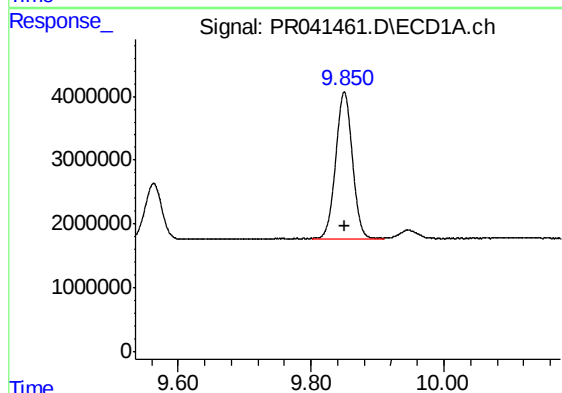
R.T.: 9.126 min
Delta R.T.: -0.018 min
Response: 48717593
Conc: 246.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



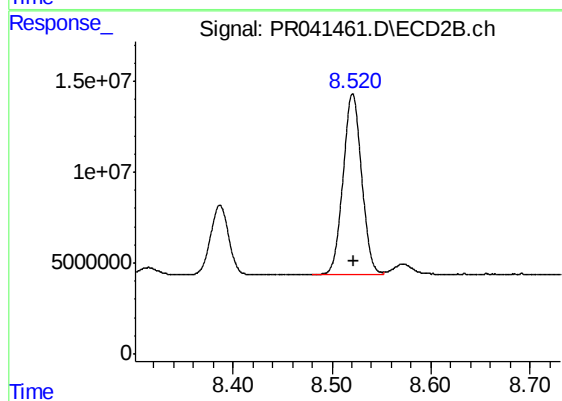
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 322306737
Conc: 318.05 ng/ml



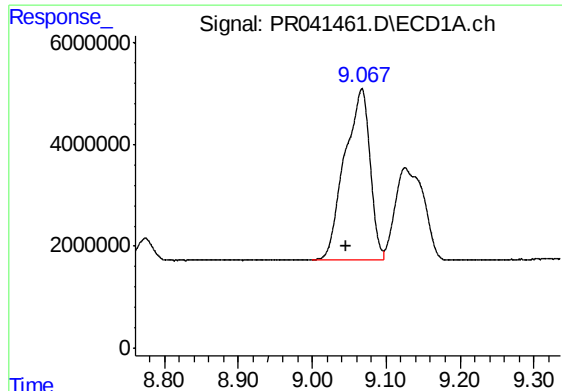
#40 AR-1262-5

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 40047288
Conc: 255.77 ng/ml



#40 AR-1262-5

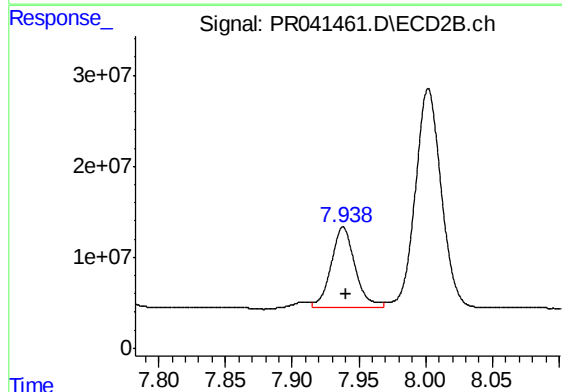
R.T.: 8.521 min
Delta R.T.: -0.001 min
Response: 128950605
Conc: 230.36 ng/ml



#41 AR-1268-1

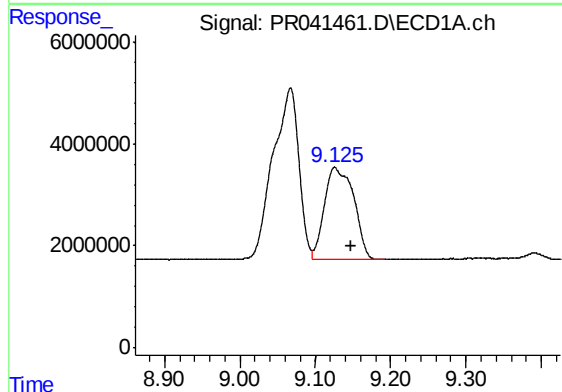
R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 79818017
Conc: 165.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



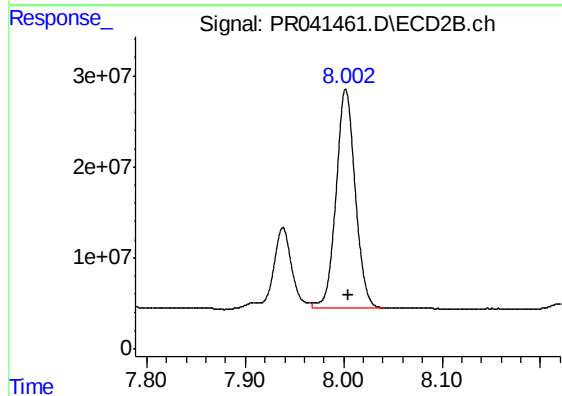
#41 AR-1268-1

R.T.: 7.938 min
Delta R.T.: -0.002 min
Response: 108308786
Conc: 64.00 ng/ml



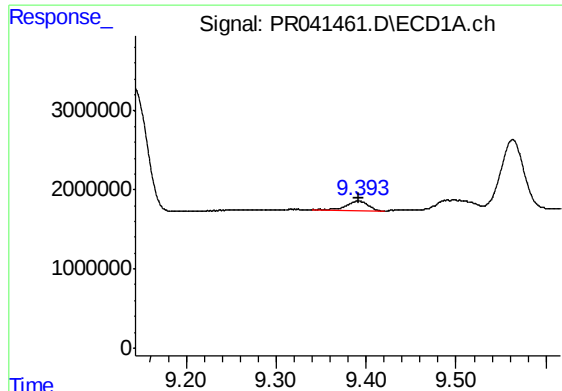
#42 AR-1268-2

R.T.: 9.126 min
Delta R.T.: -0.021 min
Response: 48717593
Conc: 110.15 ng/ml



#42 AR-1268-2

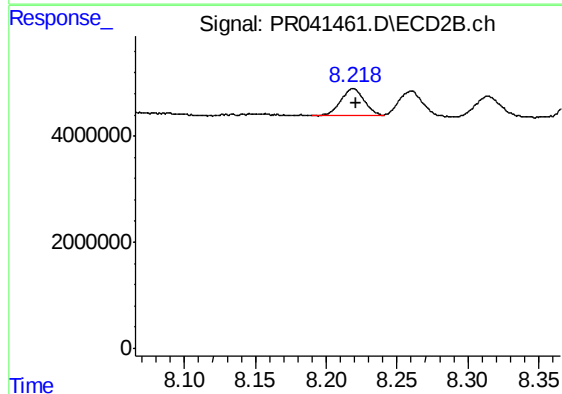
R.T.: 8.002 min
Delta R.T.: -0.003 min
Response: 322306737
Conc: 206.02 ng/ml



#43 AR-1268-3

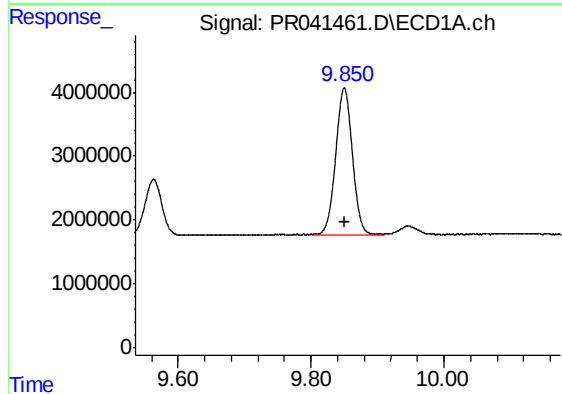
R.T.: 9.392 min
Delta R.T.: 0.000 min
Response: 2056900
Conc: 5.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



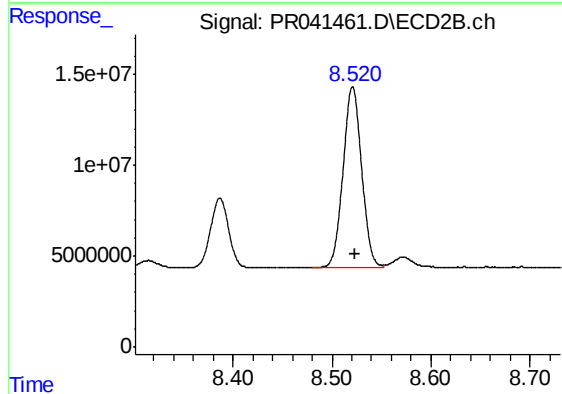
#43 AR-1268-3

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 5811082
Conc: 4.39 ng/ml



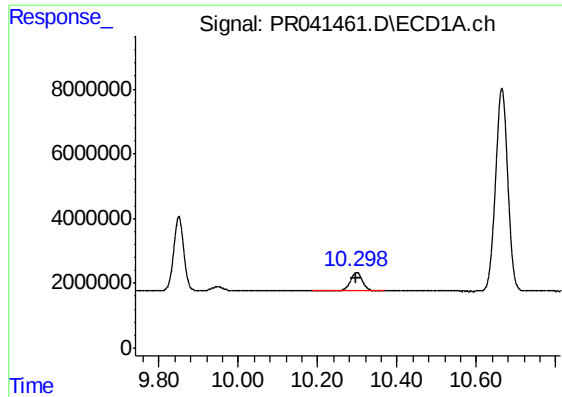
#44 AR-1268-4

R.T.: 9.850 min
Delta R.T.: -0.001 min
Response: 40047288
Conc: 228.74 ng/ml



#44 AR-1268-4

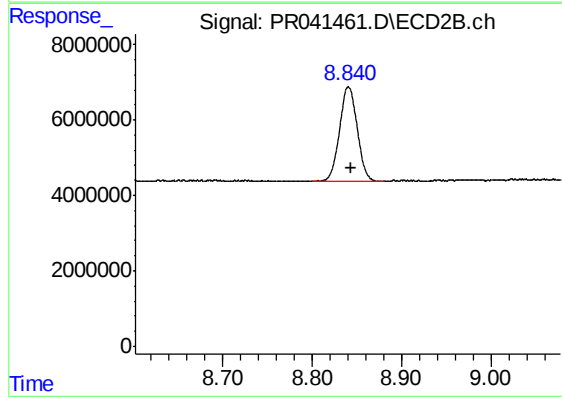
R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 128950605
Conc: 214.86 ng/ml



#45 AR-1268-5

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 11756893
Conc: 8.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660342



#45 AR-1268-5

R.T.: 8.841 min
Delta R.T.: -0.003 min
Response: 34117629
Conc: 7.74 ng/ml