

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 13:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660313

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:33:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.724	3.993	62906023	252.6E6	20.469	18.968
2)	SA Decachlor...	10.646	9.122	130.2E6	400.5E6	46.787	40.972
Target Compounds							
3)	L1 AR-1016-1	5.901	5.094	49366061	106.1E6	437.810	400.816
4)	L1 AR-1016-2	5.924	5.115	70211409	147.1E6	441.251	400.659
5)	L1 AR-1016-3	5.987	5.294	41180795	84337576	439.501	415.112
6)	L1 AR-1016-4	6.087	5.333	35164058	67114225	450.605	410.949
7)	L1 AR-1016-5	6.381	5.550	34793602	94817074	446.349	407.980
8)	L2 AR-1221-1	4.928	4.205	3314491	11662984	107.617	97.199
9)	L2 AR-1221-2	5.020	4.294	4640607	13566641	188.913	176.669
10)	L2 AR-1221-3	5.098	4.372	20916301	51246474	264.447	226.321
11)	L3 AR-1232-1	5.098	4.372	20916301	51246474	418.454	378.589
12)	L3 AR-1232-2	5.633	5.115	31466775	147.1E6	1196.234	1131.962
13)	L3 AR-1232-3	5.924	5.294	70211409	84337576	1271.727	1148.136
14)	L3 AR-1232-4	6.087	5.377	35164058	84447800	1257.865	1271.367
15)	L3 AR-1232-5	6.174	5.550	30576932	94817074	1465.054	1150.642
16)	L4 AR-1242-1	5.901	5.094	49366061	106.1E6	664.384	610.639
17)	L4 AR-1242-2	5.924	5.115	70211409	147.1E6	669.928	614.427
18)	L4 AR-1242-3	5.987	5.294	41180795	84337576	650.629	621.193
19)	L4 AR-1242-4	6.087	5.377	35164058	84447800	665.456	614.125
20)	L4 AR-1242-5	6.825	5.905	5291216	81220561	83.972	354.140 #
21)	L5 AR-1248-1	5.901	5.094	49366061	106.1E6	843.075	765.745
22)	L5 AR-1248-2	6.174	5.333	30576932	67114225	366.661	341.210
23)	L5 AR-1248-3	6.381	5.377	34793602	84447800	368.803	415.643
24)	L5 AR-1248-4	6.758	5.550	30457676	94817074	260.614	359.658 #
25)	L5 AR-1248-5	6.825	5.947	5291216	17339160	48.249	54.866
26)	L6 AR-1254-1	6.758	5.905	30457676	81220561	248.476	169.647 #
27)	L6 AR-1254-2	6.975	6.051	27093378	80486484	141.508	182.275 #
28)	L6 AR-1254-3	7.345	6.475	16098178	187.7E6	74.389	249.456 #
29)	L6 AR-1254-4	7.631	6.687	12219396	24371400	75.012	46.607 #
30)	L6 AR-1254-5	8.050	7.107	106.9E6	274.7E6	585.046	429.990 #
31)	L7 AR-1260-1	7.508	6.590	66848736	207.2E6	433.034	406.663
32)	L7 AR-1260-2	7.763	6.777	81886780	264.8E6	445.118	416.522
33)	L7 AR-1260-3	8.124	6.934	61822993	239.3E6	445.319	414.837
34)	L7 AR-1260-4	8.364	7.409	71190842	204.8E6	437.832	414.854
35)	L7 AR-1260-5	8.702	7.647	150.2E6	550.1E6	439.486	422.780
36)	L8 AR-1262-1	8.124	7.146	61822993	238.7E6	272.748	291.206
37)	L8 AR-1262-2	8.702	7.647	150.2E6	550.1E6	342.858	352.519
38)	L8 AR-1262-3	9.054	7.935	91737720	120.1E6	326.769	198.812 #
39)	L8 AR-1262-4	9.112	7.999	55736132	374.8E6	274.289	336.067
40)	L8 AR-1262-5	9.835	8.518	41131324	140.0E6	283.389	267.879
41)	L9 AR-1268-1	9.054	7.935	91737720	120.1E6	205.752	74.875 #
42)	L9 AR-1268-2	9.112	7.999	55736132	374.8E6	136.518	250.759 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 13:04
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

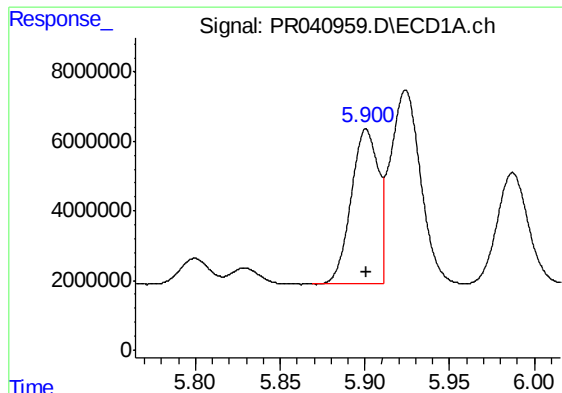
Instrument :
 ECD_R
 ClientSampleId :
 AR1660313

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:33:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	9.378	8.216	1908477	7284511	5.642	5.829
44) L9	AR-1268-4	9.835	8.518	41131324	140.0E6	286.791	268.799
45) L9	AR-1268-5	10.280	8.838	10950551	35587167	9.654	9.647

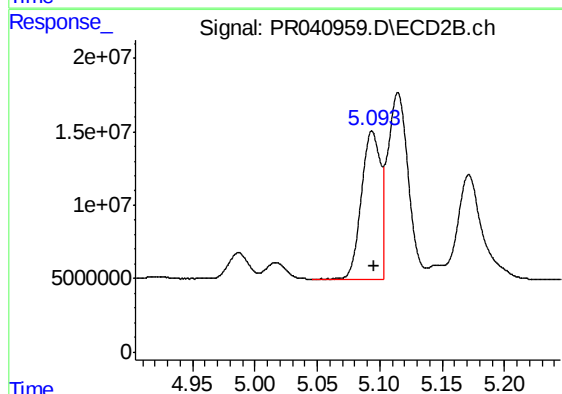
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

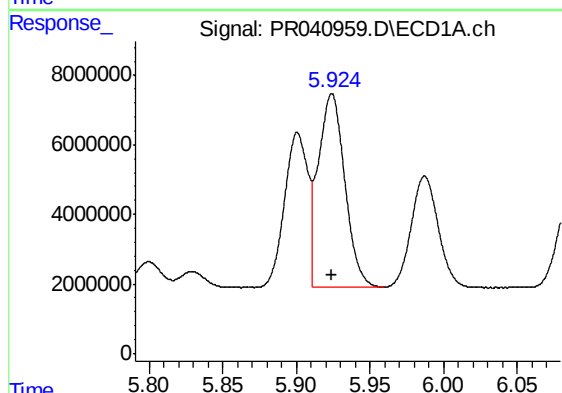
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 49366061
Conc: 437.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



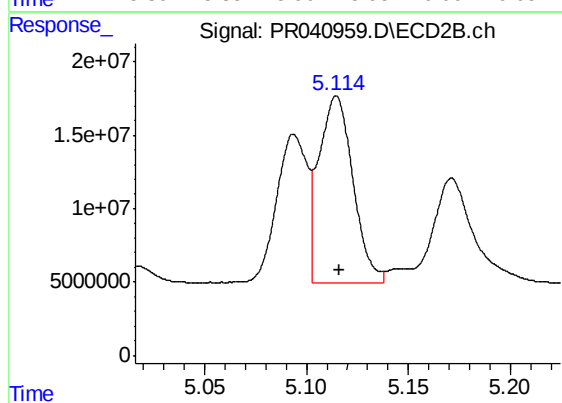
#3 AR-1016-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 106089604
Conc: 400.82 ng/ml



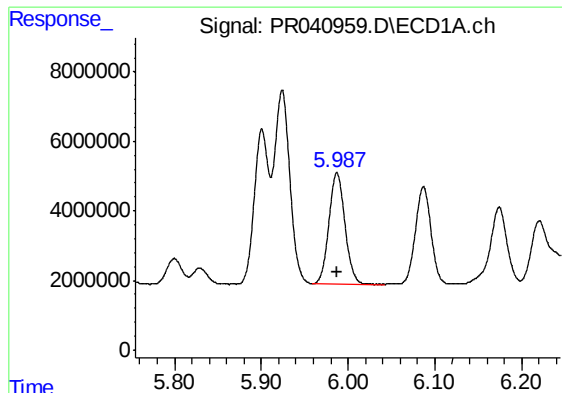
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 70211409
Conc: 441.25 ng/ml



#4 AR-1016-2

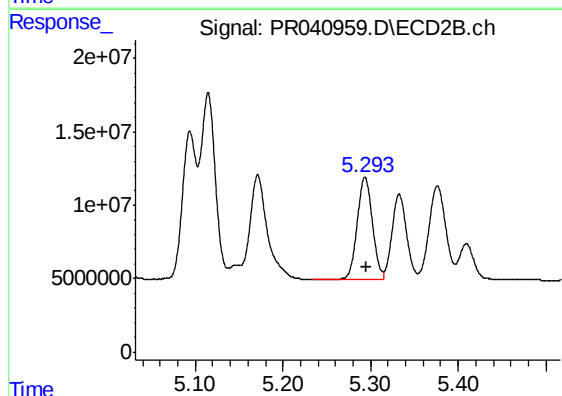
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 147050048
Conc: 400.66 ng/ml



#5 AR-1016-3

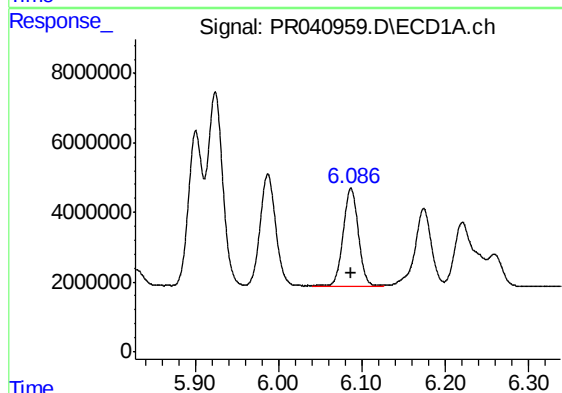
R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 41180795
Conc: 439.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



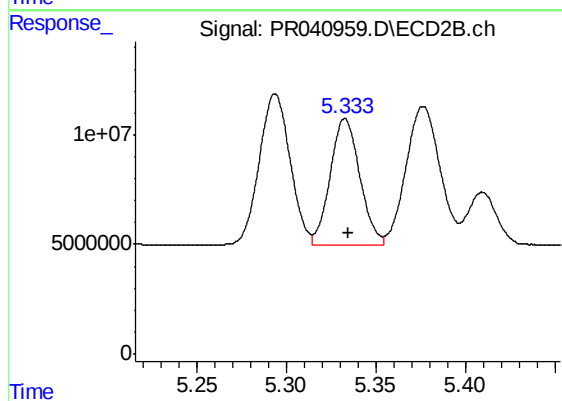
#5 AR-1016-3

R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 84337576
Conc: 415.11 ng/ml



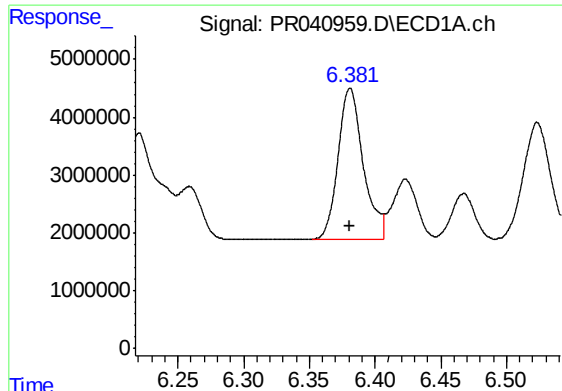
#6 AR-1016-4

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 35164058
Conc: 450.60 ng/ml



#6 AR-1016-4

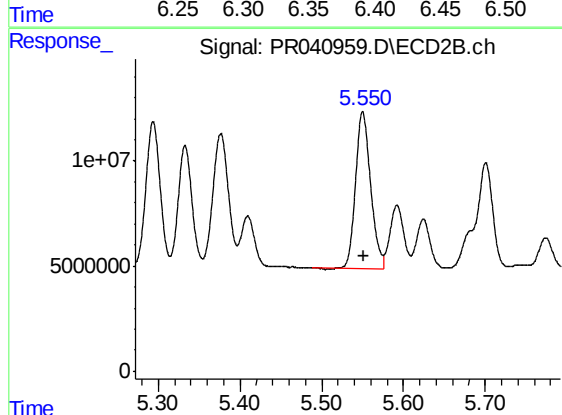
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 67114225
Conc: 410.95 ng/ml



#7 AR-1016-5

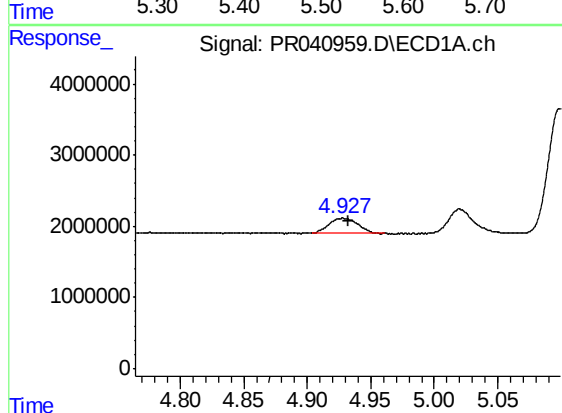
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 34793602
Conc: 446.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



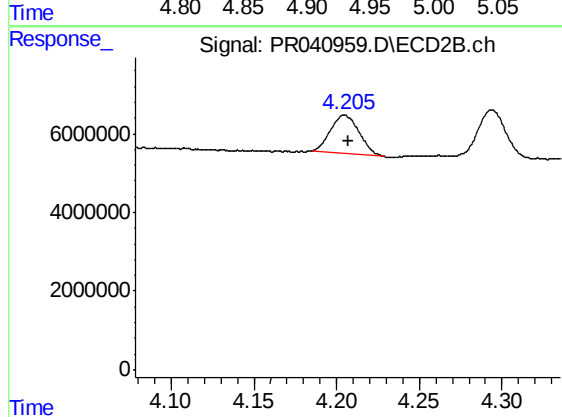
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 94817074
Conc: 407.98 ng/ml



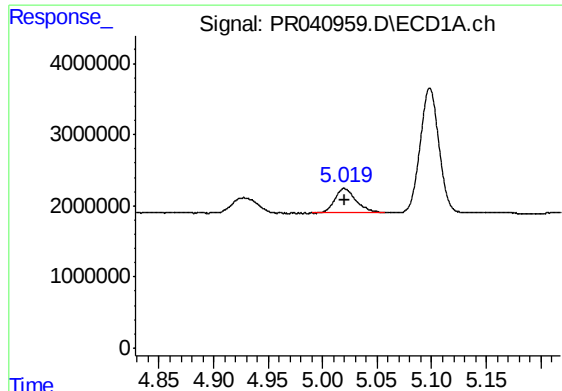
#8 AR-1221-1

R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 3314491
Conc: 107.62 ng/ml



#8 AR-1221-1

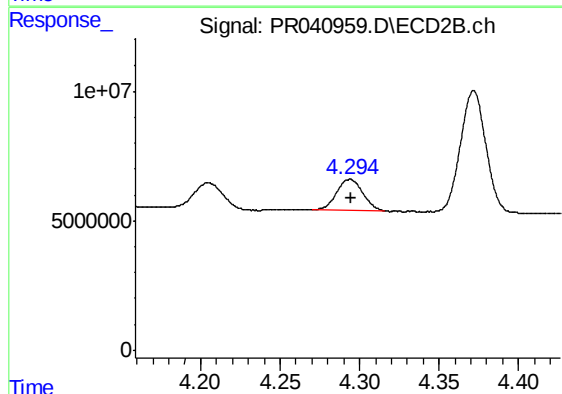
R.T.: 4.205 min
Delta R.T.: -0.002 min
Response: 11662984
Conc: 97.20 ng/ml



#9 AR-1221-2

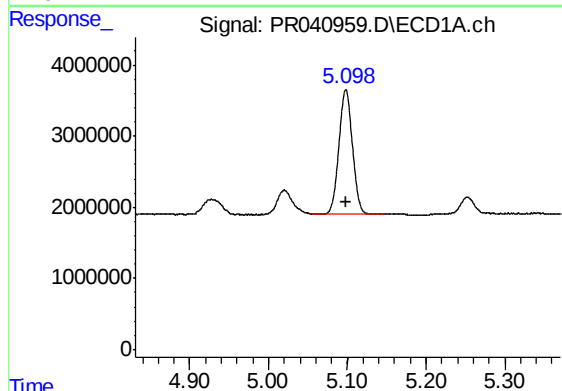
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 4640607
Conc: 188.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



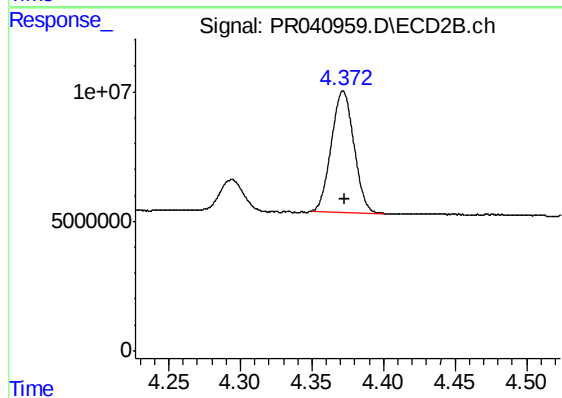
#9 AR-1221-2

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 13566641
Conc: 176.67 ng/ml



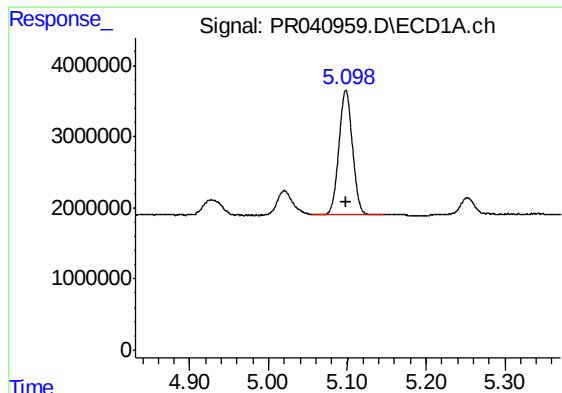
#10 AR-1221-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 20916301
Conc: 264.45 ng/ml



#10 AR-1221-3

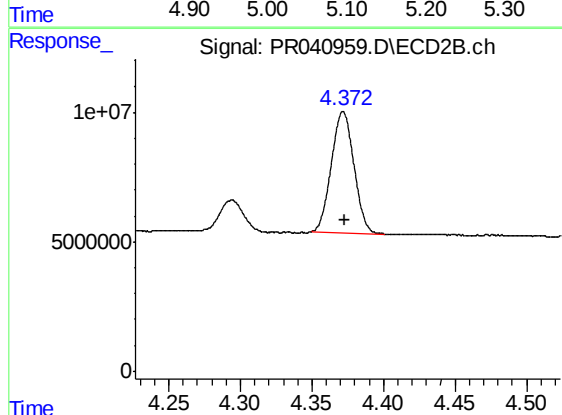
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 51246474
Conc: 226.32 ng/ml



#11 AR-1232-1

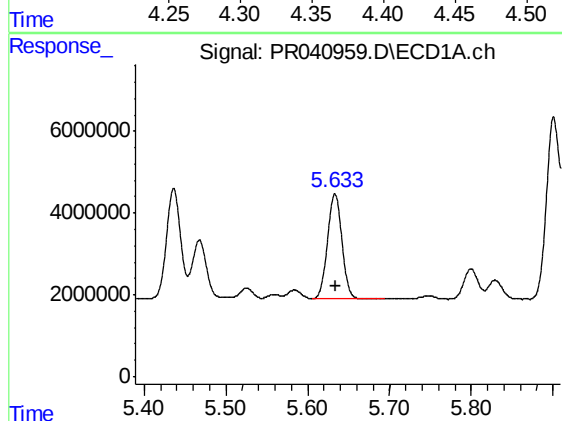
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 20916301
Conc: 418.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



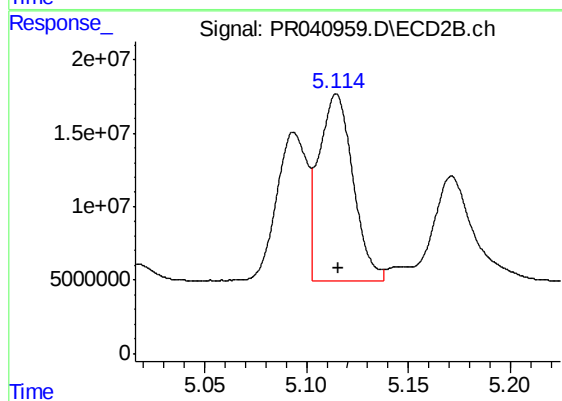
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 51246474
Conc: 378.59 ng/ml



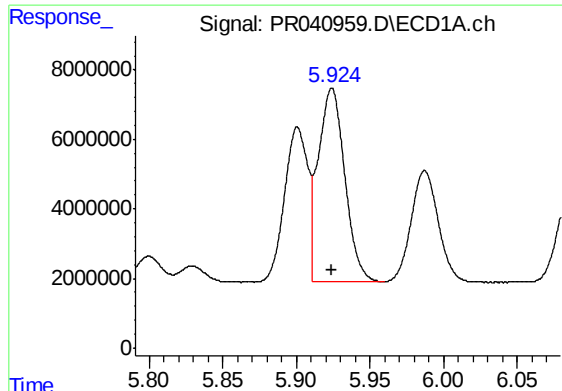
#12 AR-1232-2

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 31466775
Conc: 1196.23 ng/ml



#12 AR-1232-2

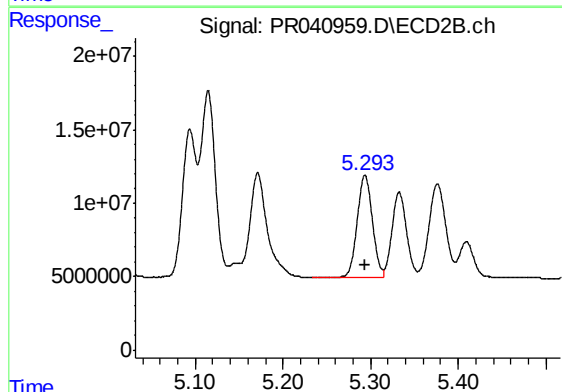
R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 147050048
Conc: 1131.96 ng/ml



#13 AR-1232-3

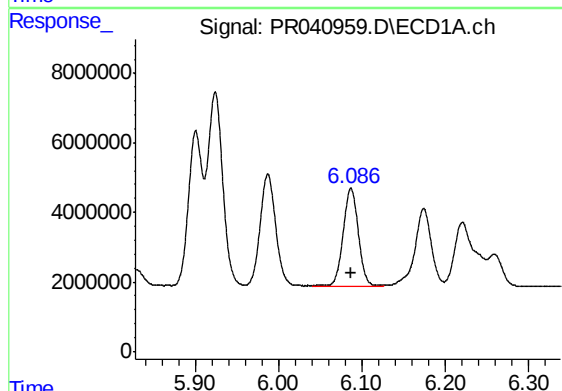
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 70211409
Conc: 1271.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



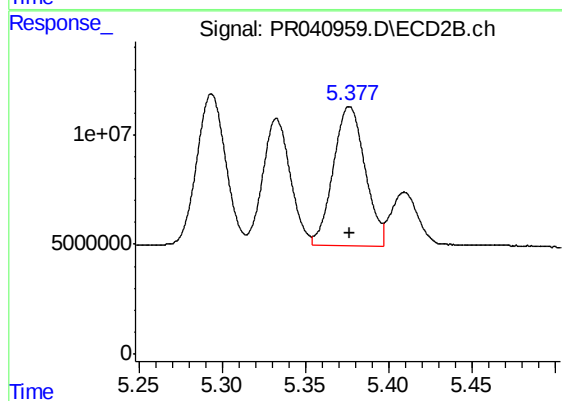
#13 AR-1232-3

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 84337576
Conc: 1148.14 ng/ml



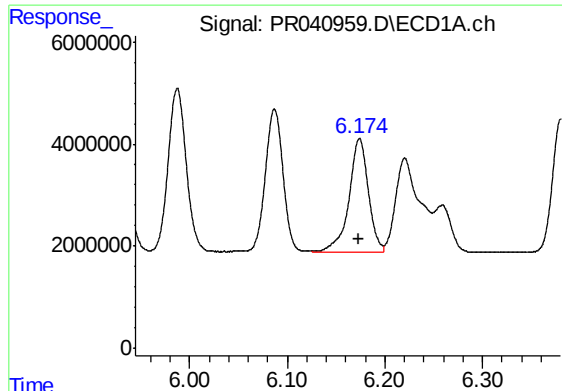
#14 AR-1232-4

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 35164058
Conc: 1257.86 ng/ml



#14 AR-1232-4

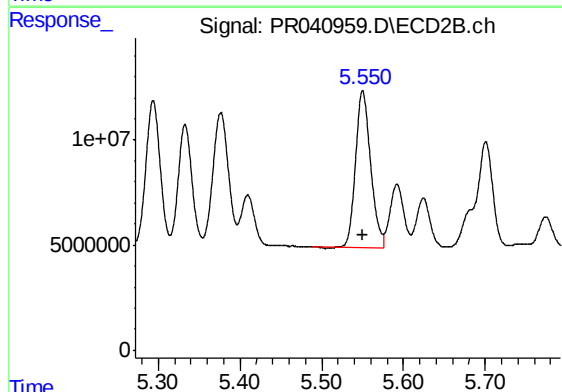
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 84447800
Conc: 1271.37 ng/ml



#15 AR-1232-5

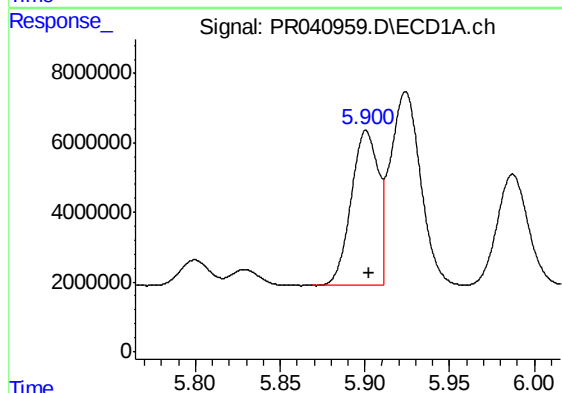
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 30576932
Conc: 1465.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



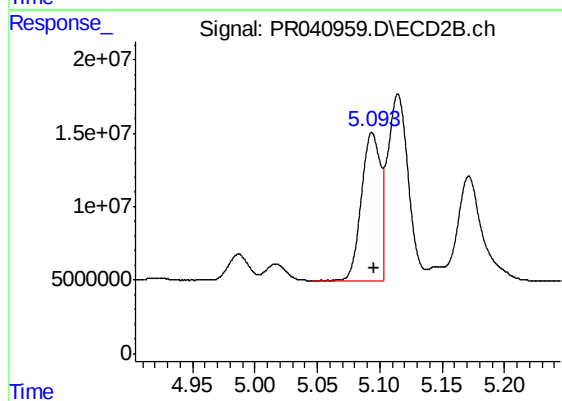
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 94817074
Conc: 1150.64 ng/ml



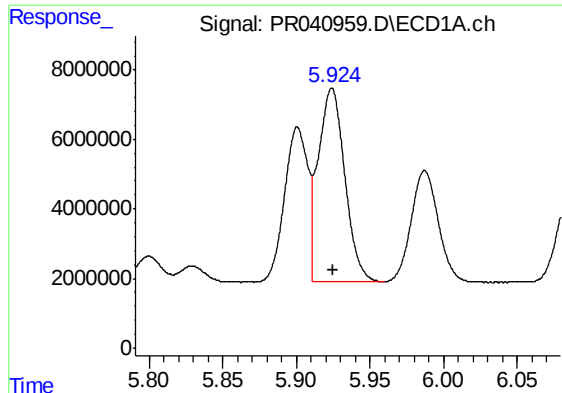
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 49366061
Conc: 664.38 ng/ml



#16 AR-1242-1

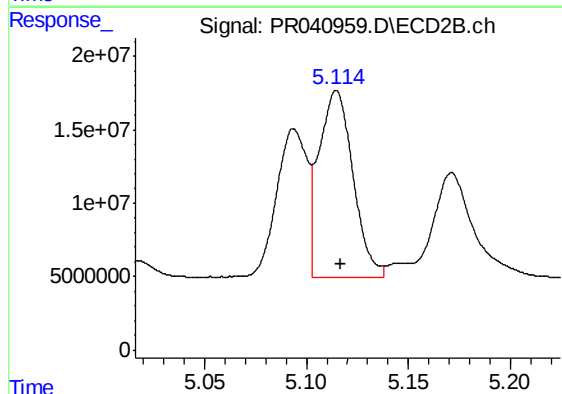
R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 106089604
Conc: 610.64 ng/ml



#17 AR-1242-2

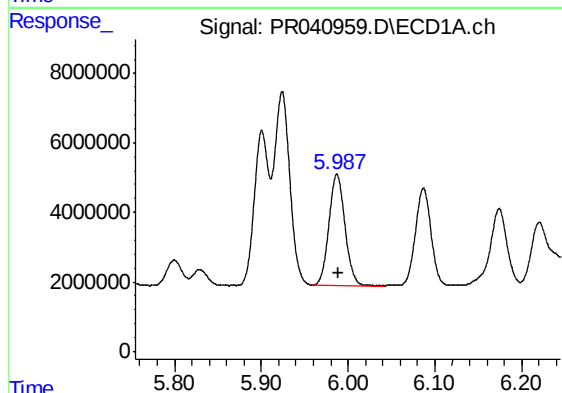
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 70211409
Conc: 669.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



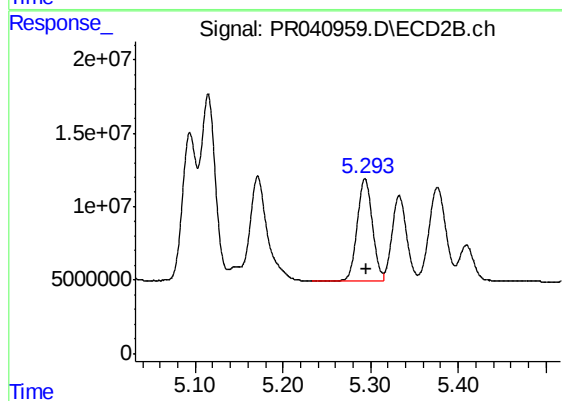
#17 AR-1242-2

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 147050048
Conc: 614.43 ng/ml



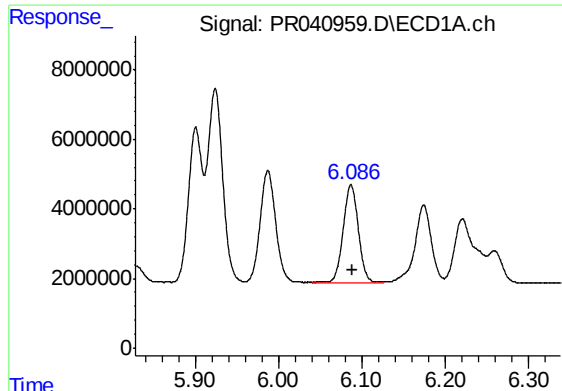
#18 AR-1242-3

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 41180795
Conc: 650.63 ng/ml



#18 AR-1242-3

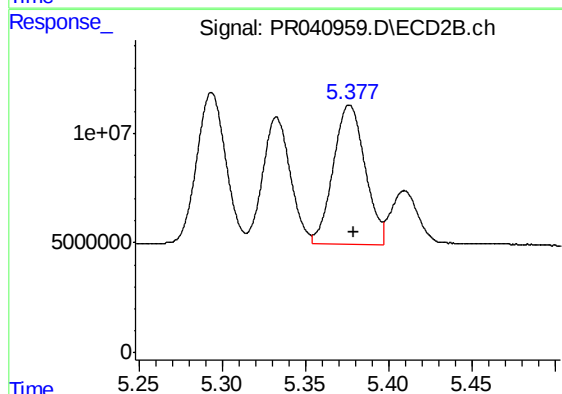
R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 84337576
Conc: 621.19 ng/ml



#19 AR-1242-4

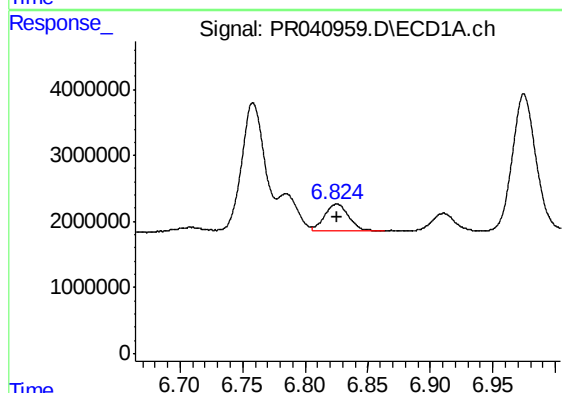
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 35164058
Conc: 665.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



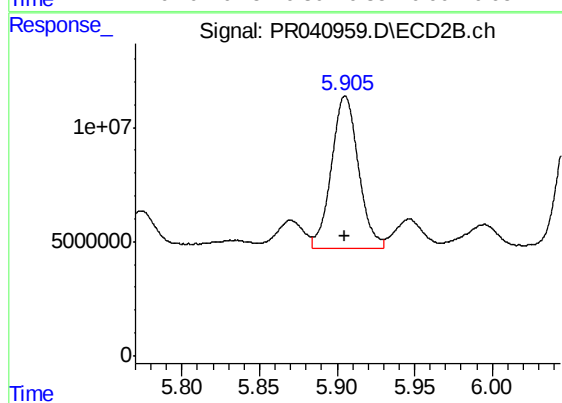
#19 AR-1242-4

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 84447800
Conc: 614.12 ng/ml



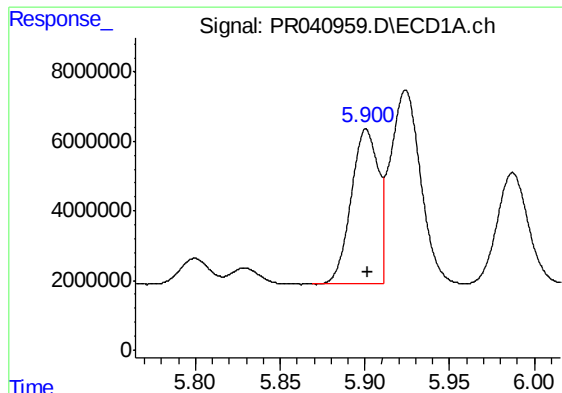
#20 AR-1242-5

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 5291216
Conc: 83.97 ng/ml



#20 AR-1242-5

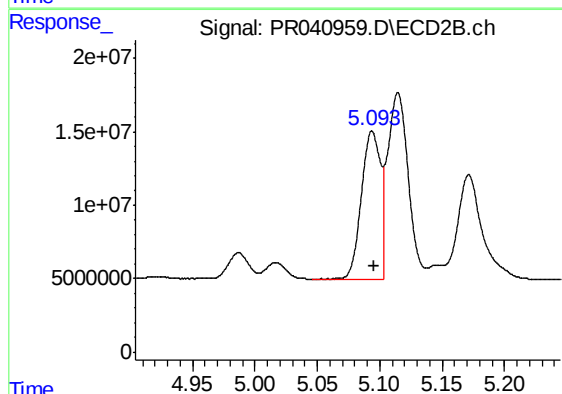
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 81220561
Conc: 354.14 ng/ml



#21 AR-1248-1

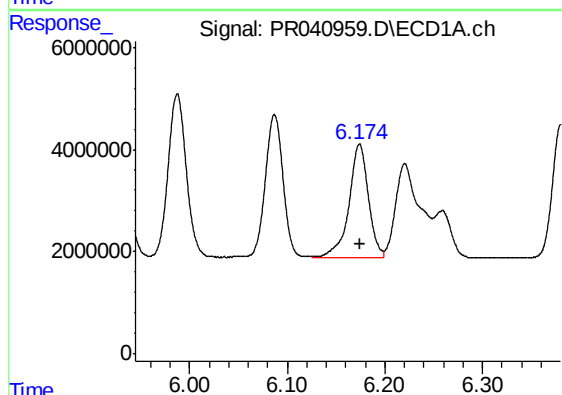
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 49366061
Conc: 843.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



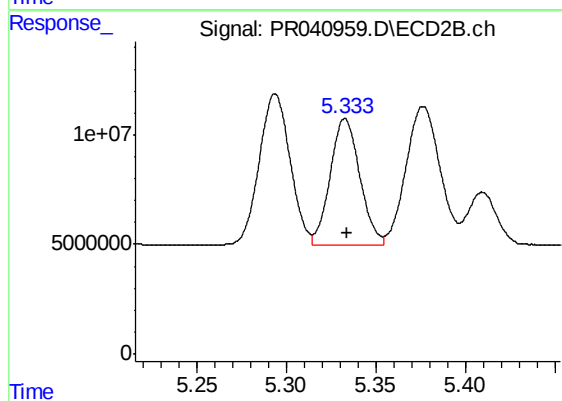
#21 AR-1248-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 106089604
Conc: 765.74 ng/ml



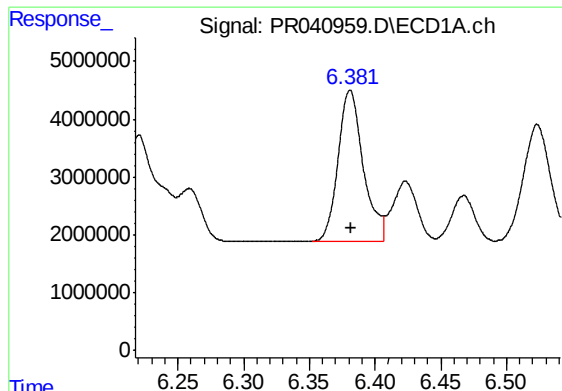
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 30576932
Conc: 366.66 ng/ml



#22 AR-1248-2

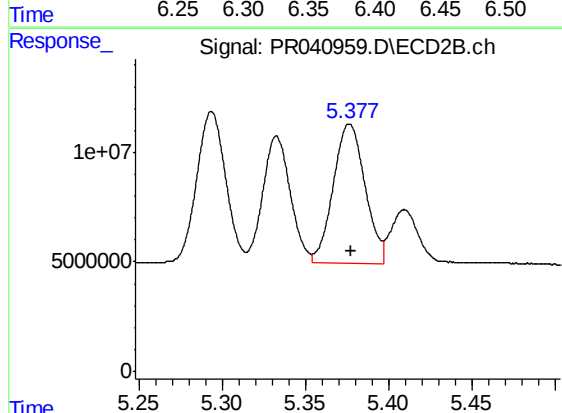
R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 67114225
Conc: 341.21 ng/ml



#23 AR-1248-3

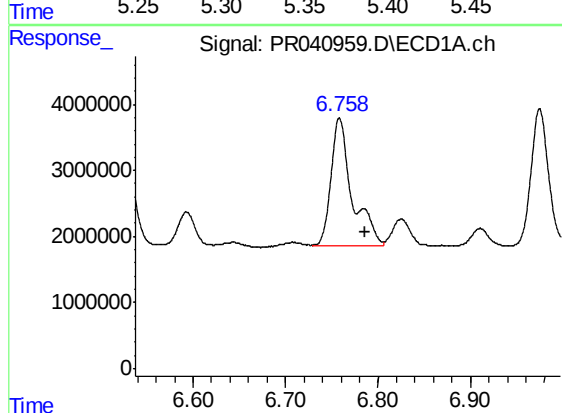
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 34793602
Conc: 368.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



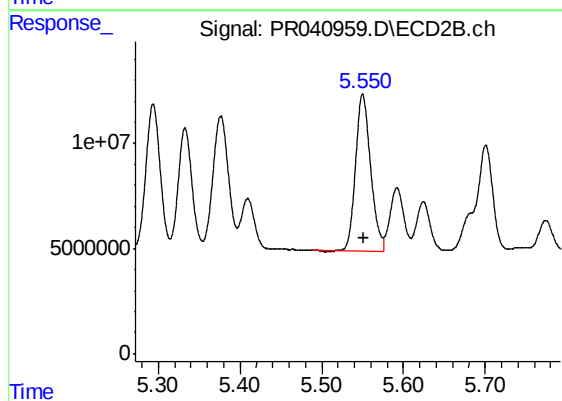
#23 AR-1248-3

R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 84447800
Conc: 415.64 ng/ml



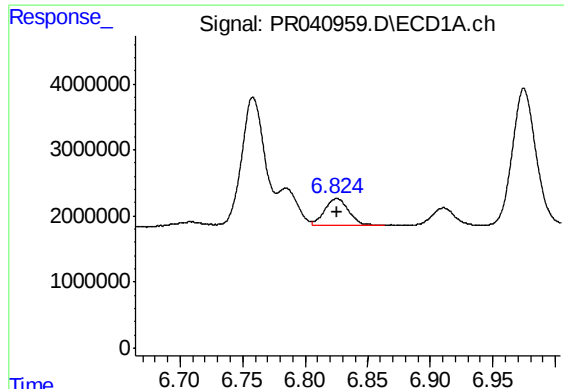
#24 AR-1248-4

R.T.: 6.758 min
Delta R.T.: -0.027 min
Response: 30457676
Conc: 260.61 ng/ml



#24 AR-1248-4

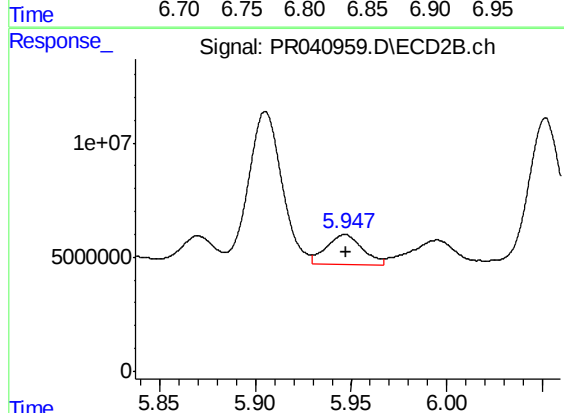
R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 94817074
Conc: 359.66 ng/ml



#25 AR-1248-5

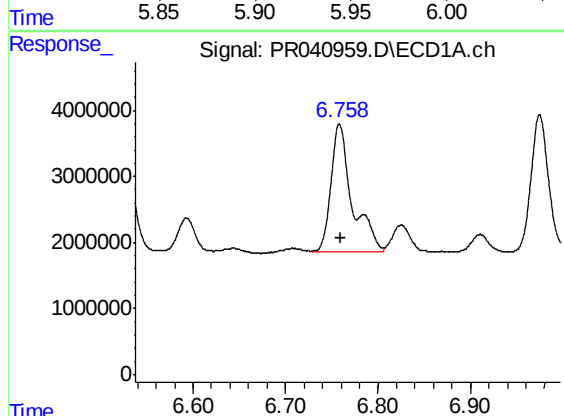
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 5291216
Conc: 48.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



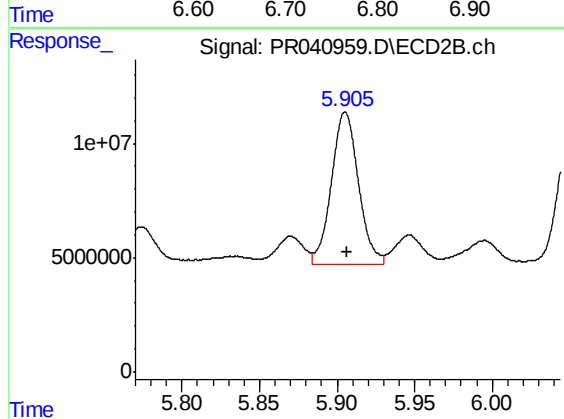
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 17339160
Conc: 54.87 ng/ml



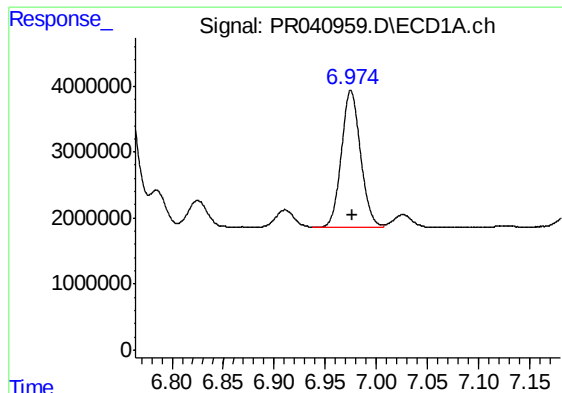
#26 AR-1254-1

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 30457676
Conc: 248.48 ng/ml



#26 AR-1254-1

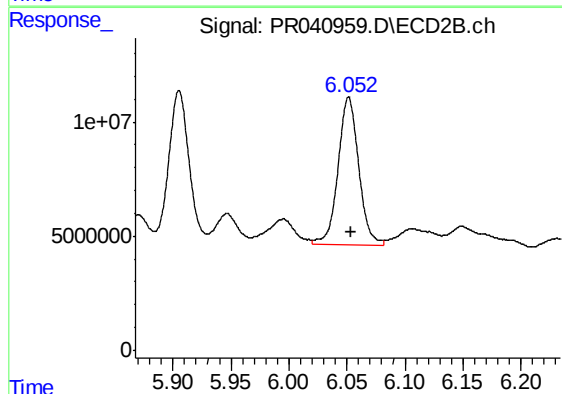
R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 81220561
Conc: 169.65 ng/ml



#27 AR-1254-2

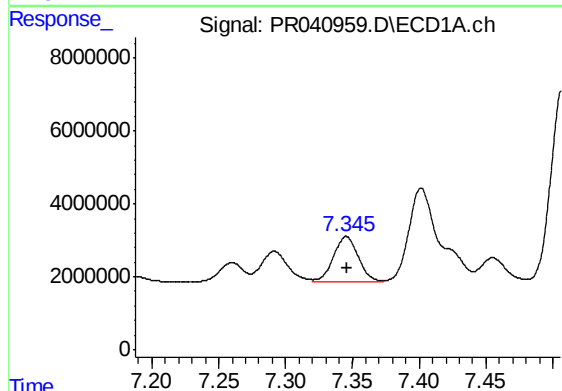
R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 27093378
Conc: 141.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



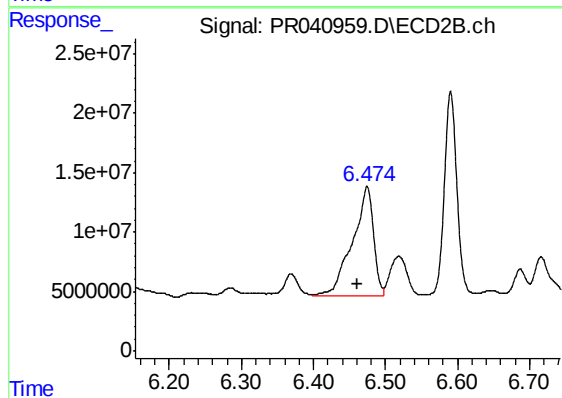
#27 AR-1254-2

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 80486484
Conc: 182.27 ng/ml



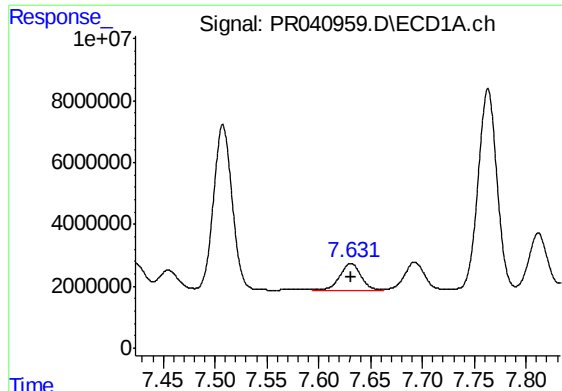
#28 AR-1254-3

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 16098178
Conc: 74.39 ng/ml



#28 AR-1254-3

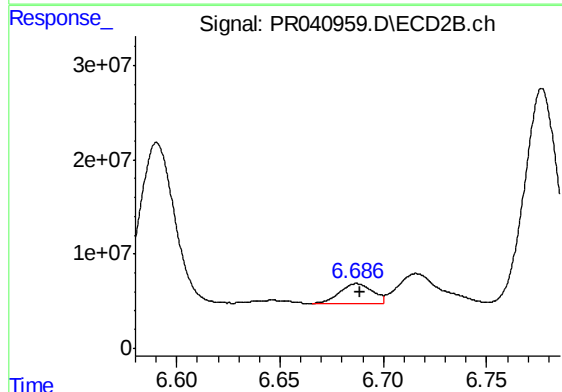
R.T.: 6.475 min
Delta R.T.: 0.013 min
Response: 187656557
Conc: 249.46 ng/ml



#29 AR-1254-4

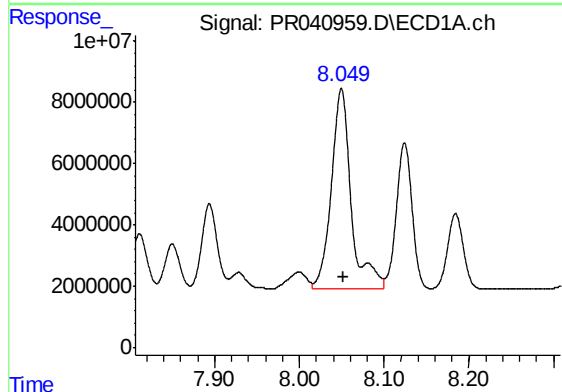
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 12219396
Conc: 75.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



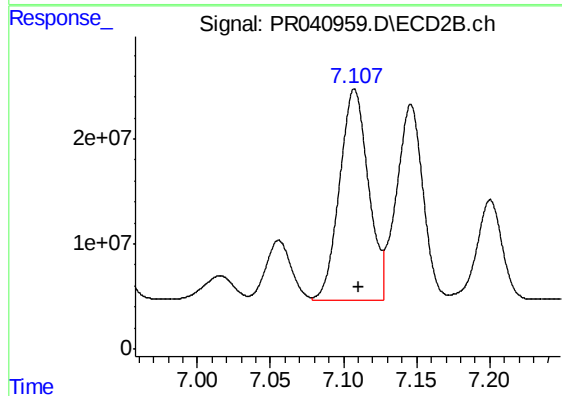
#29 AR-1254-4

R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 24371400
Conc: 46.61 ng/ml



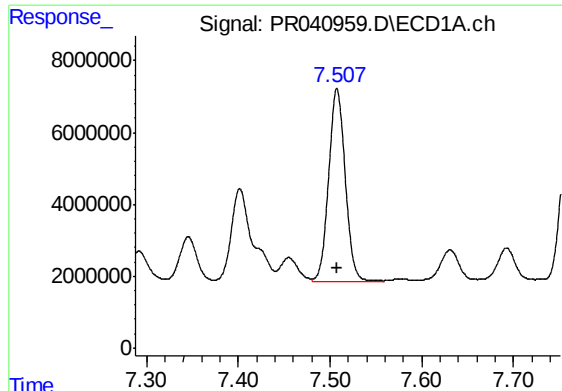
#30 AR-1254-5

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 106864802
Conc: 585.05 ng/ml



#30 AR-1254-5

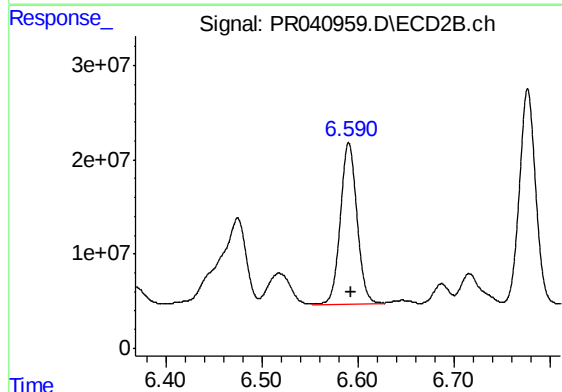
R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 274720789
Conc: 429.99 ng/ml



#31 AR-1260-1

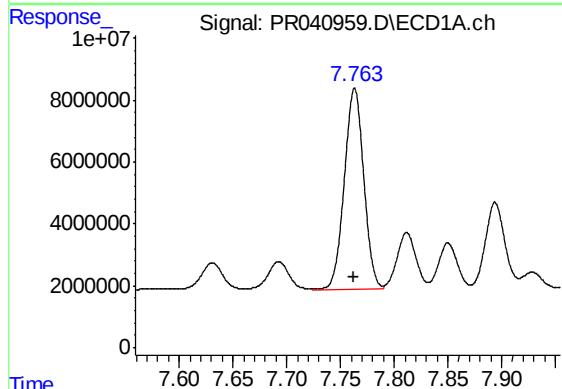
R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 66848736
Conc: 433.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



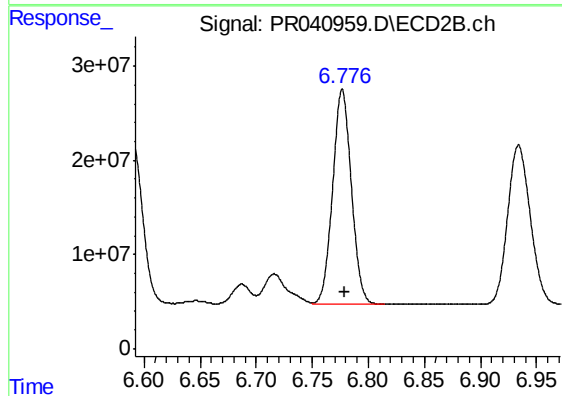
#31 AR-1260-1

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 207173381
Conc: 406.66 ng/ml



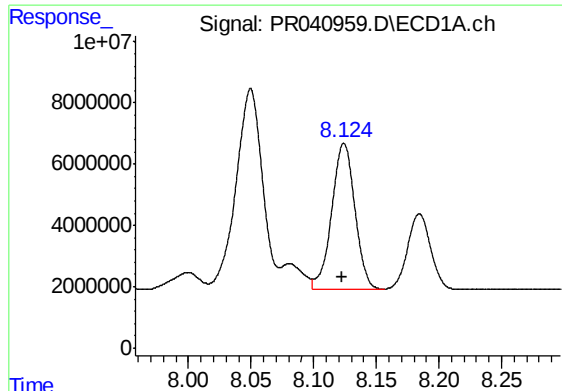
#32 AR-1260-2

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 81886780
Conc: 445.12 ng/ml



#32 AR-1260-2

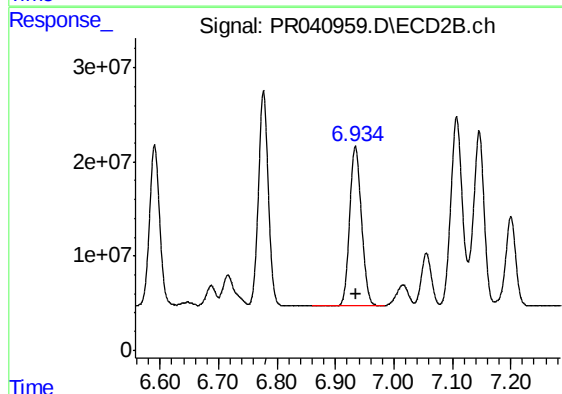
R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 264789142
Conc: 416.52 ng/ml



#33 AR-1260-3

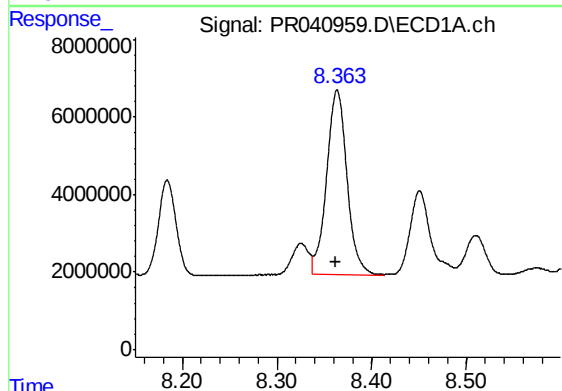
R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 61822993
Conc: 445.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



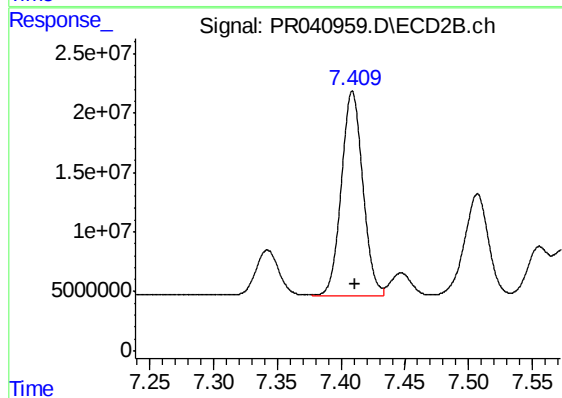
#33 AR-1260-3

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 239259326
Conc: 414.84 ng/ml



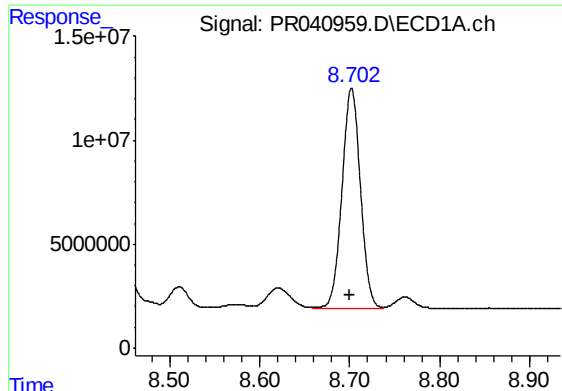
#34 AR-1260-4

R.T.: 8.364 min
Delta R.T.: 0.002 min
Response: 71190842
Conc: 437.83 ng/ml



#34 AR-1260-4

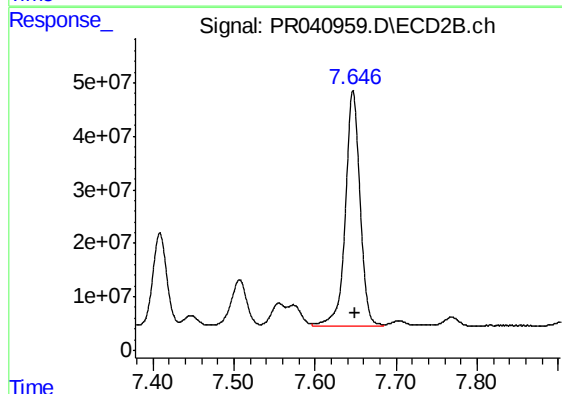
R.T.: 7.409 min
Delta R.T.: -0.002 min
Response: 204818825
Conc: 414.85 ng/ml



#35 AR-1260-5

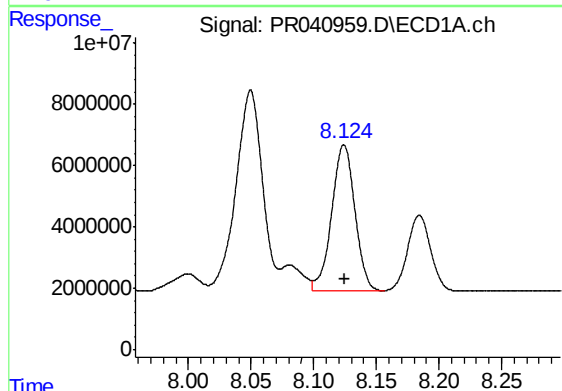
R.T.: 8.702 min
Delta R.T.: 0.002 min
Response: 150226727
Conc: 439.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



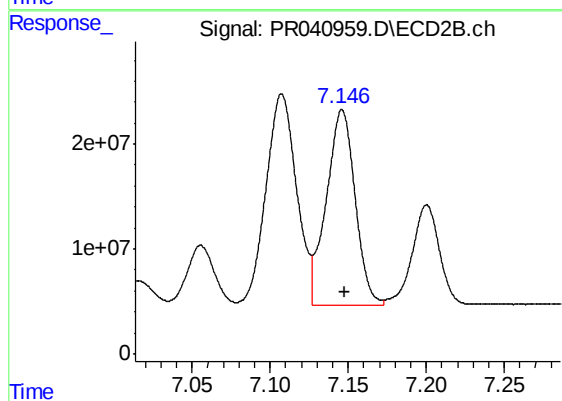
#35 AR-1260-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 550064488
Conc: 422.78 ng/ml



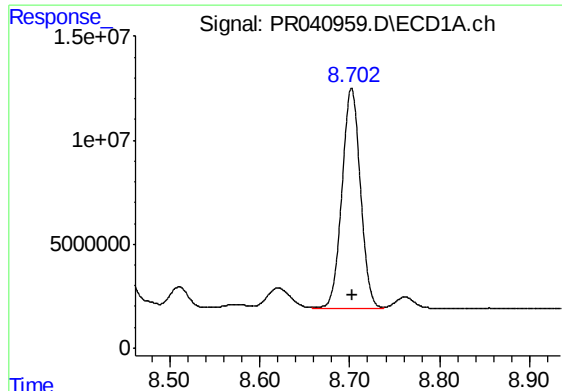
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61822993
Conc: 272.75 ng/ml



#36 AR-1262-1

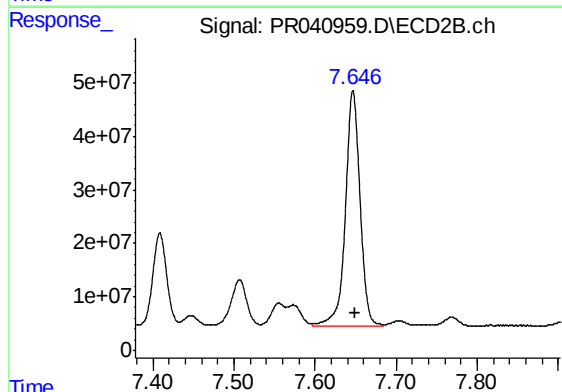
R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 238660091
Conc: 291.21 ng/ml



#37 AR-1262-2

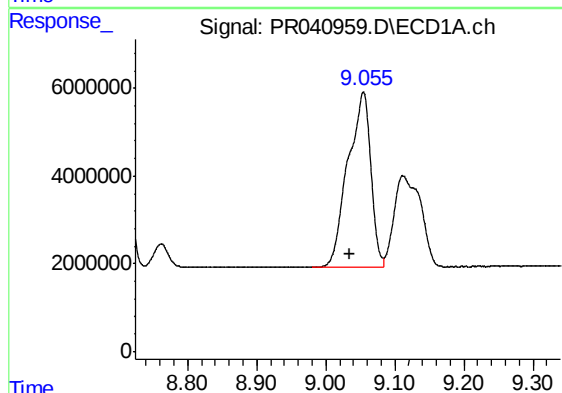
R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 150226727
Conc: 342.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



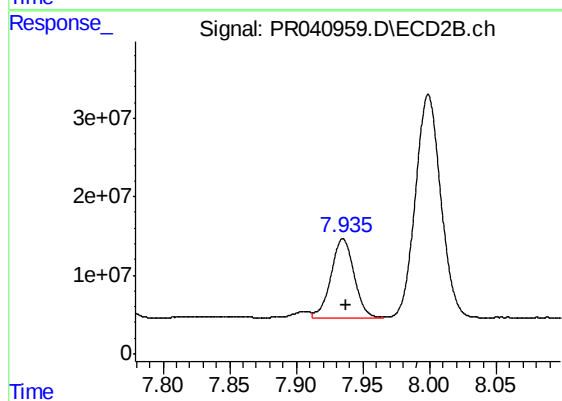
#37 AR-1262-2

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 550064488
Conc: 352.52 ng/ml



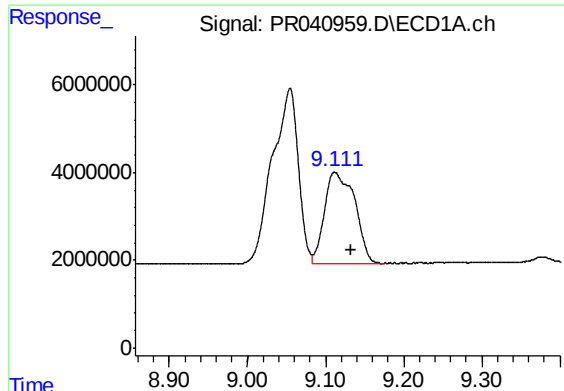
#38 AR-1262-3

R.T.: 9.054 min
Delta R.T.: 0.019 min
Response: 91737720
Conc: 326.77 ng/ml



#38 AR-1262-3

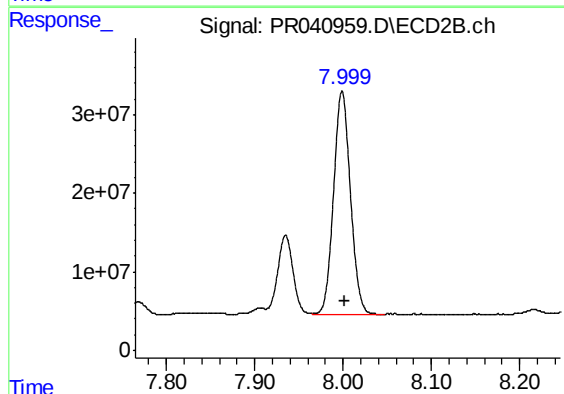
R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 120057801
Conc: 198.81 ng/ml



#39 AR-1262-4

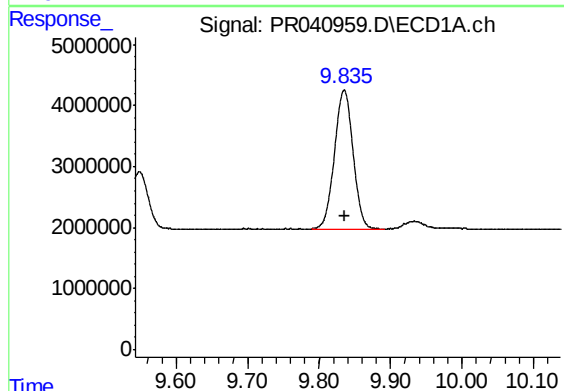
R.T.: 9.112 min
Delta R.T.: -0.020 min
Response: 55736132
Conc: 274.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



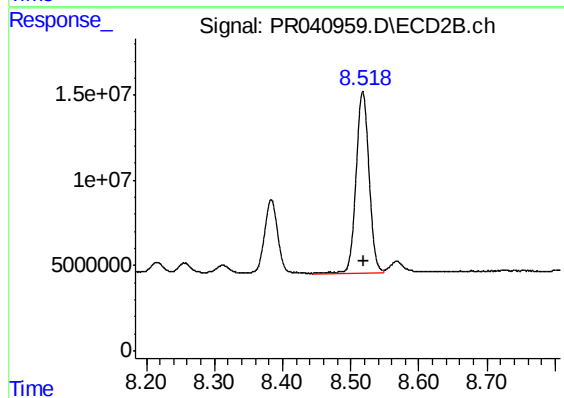
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 374751186
Conc: 336.07 ng/ml



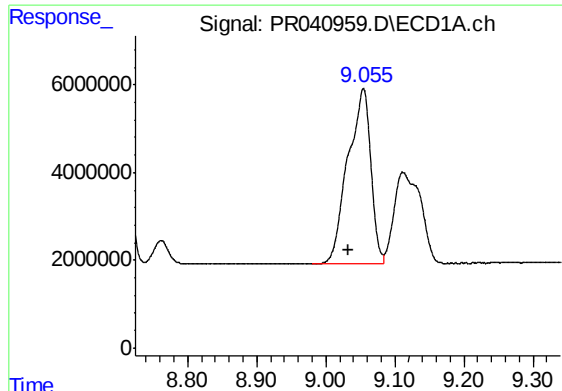
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: 0.000 min
Response: 41131324
Conc: 283.39 ng/ml



#40 AR-1262-5

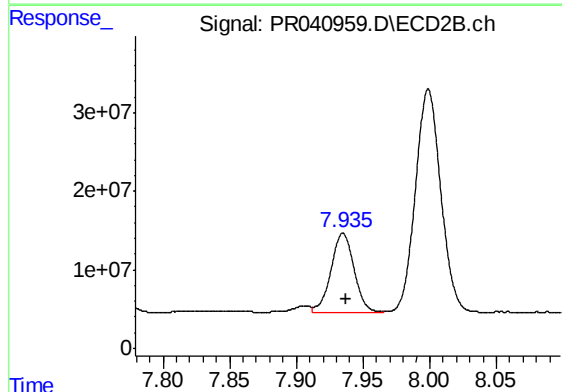
R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 139981841
Conc: 267.88 ng/ml



#41 AR-1268-1

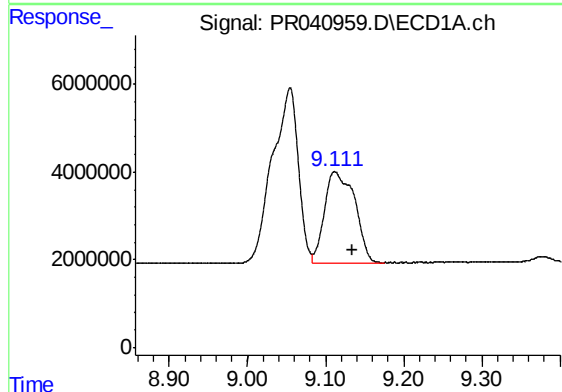
R.T.: 9.054 min
Delta R.T.: 0.022 min
Response: 91737720
Conc: 205.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



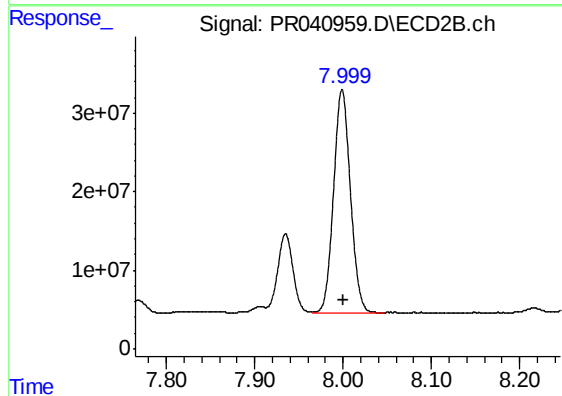
#41 AR-1268-1

R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 120057801
Conc: 74.88 ng/ml



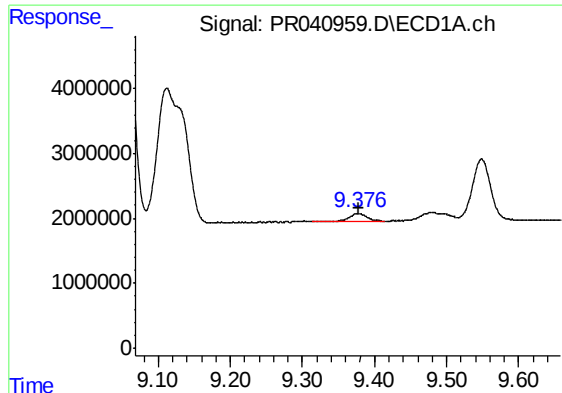
#42 AR-1268-2

R.T.: 9.112 min
Delta R.T.: -0.022 min
Response: 55736132
Conc: 136.52 ng/ml



#42 AR-1268-2

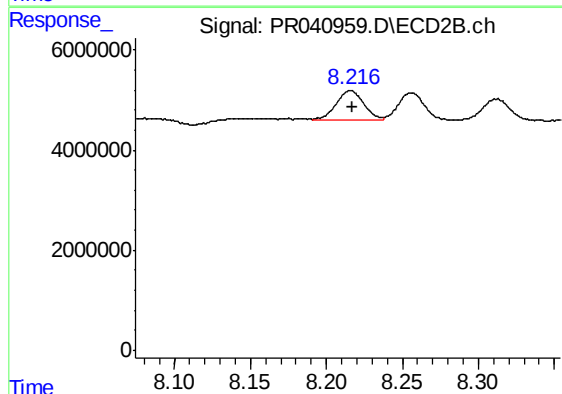
R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 374751186
Conc: 250.76 ng/ml



#43 AR-1268-3

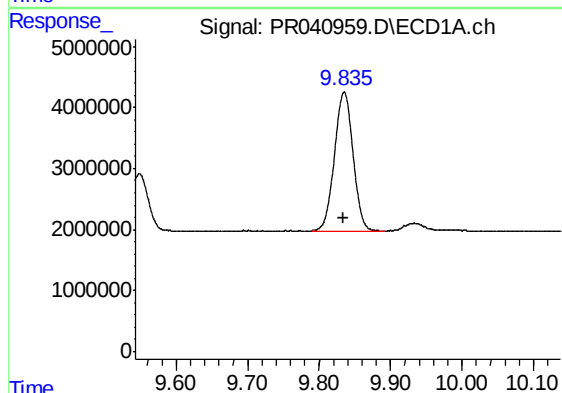
R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 1908477
Conc: 5.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



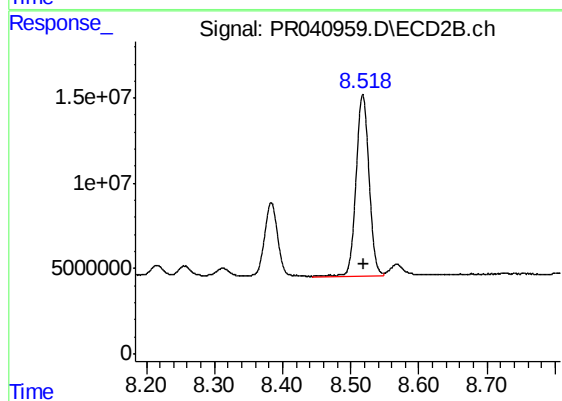
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.001 min
Response: 7284511
Conc: 5.83 ng/ml



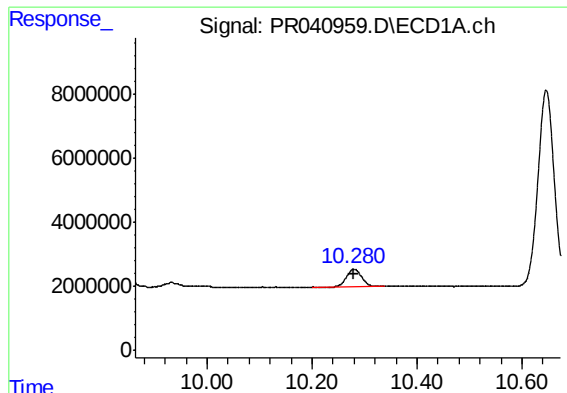
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: 0.000 min
Response: 41131324
Conc: 286.79 ng/ml



#44 AR-1268-4

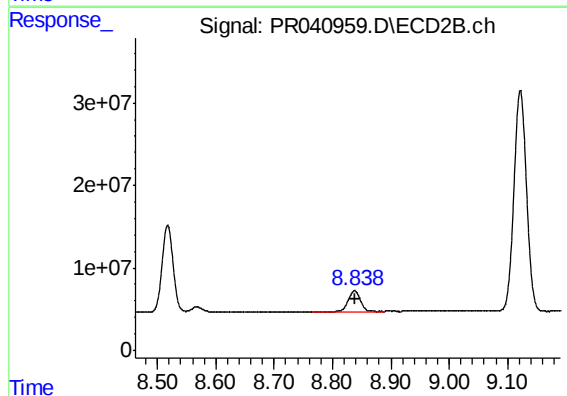
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 139981841
Conc: 268.80 ng/ml



#45 AR-1268-5

R.T.: 10.280 min
Delta R.T.: 0.001 min
Response: 10950551
Conc: 9.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660313



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 35587167
Conc: 9.65 ng/ml