

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071919\
 Data File : PR039439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2019 11:35
 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 12:18:35 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...	3.762	4.604	88904881	355.6E6	57.399	54.991
2)	SA Decachlor...	8.708	10.347	102.5E6	361.3E6	41.919	42.215
Target Compounds							
3)	L1 AR-1016-1	4.833	5.761	33275674	129.7E6	553.347	518.442
4)	L1 AR-1016-2	4.850	5.783	55807060	189.7E6	568.110	519.811
5)	L1 AR-1016-3	5.024	5.845	26964173	108.6E6	542.787	493.389
6)	L1 AR-1016-4	5.065	5.944	21018830	93121864	525.675	497.794
7)	L1 AR-1016-5	5.275	6.233	29649095	92827003	545.055	505.751
8)	L2 AR-1221-1	0.000	4.805	0	9214653	N.D.	155.365 #
9)	L2 AR-1221-2	4.059	4.897	3872254	14175188	305.055	306.786
10)	L2 AR-1221-3	4.133	4.972	15529719	57744142	392.030	383.030
11)	L3 AR-1232-1	4.133	4.972	15529719	57744142	522.920	525.245
12)	L3 AR-1232-2	4.850	5.497	55807060	87263317	1511.811	1455.892
13)	L3 AR-1232-3	5.024	5.783	26964173	189.7E6	1476.854	1462.354
14)	L3 AR-1232-4	5.106	5.944	26925261	93121864	1689.895	1390.483
15)	L3 AR-1232-5	5.275	6.029	29649095	83219613	1644.857	1826.011
16)	L4 AR-1242-1	4.833	5.761	33275674	129.7E6	629.792	603.540
17)	L4 AR-1242-2	4.850	5.783	55807060	189.7E6	640.368	606.760
18)	L4 AR-1242-3	5.024	5.845	26964173	108.6E6	619.484	569.792
19)	L4 AR-1242-4	5.106	5.944	26925261	93121864	625.269	580.244
20)	L4 AR-1242-5	5.621	6.672	21792993	13174288	348.760	69.869 #
21)	L5 AR-1248-1	4.833	5.761	33275674	129.7E6	768.836	758.540
22)	L5 AR-1248-2	5.065	6.029	21018830	83219613	335.078	354.335
23)	L5 AR-1248-3	5.106	6.233	26925261	92827003	412.433	335.878
24)	L5 AR-1248-4	5.275	6.632	29649095	15773767	361.680	47.005 #
25)	L5 AR-1248-5	5.660	6.672	3524931	13174288	40.344	41.040
26)	L6 AR-1254-1	5.621	6.606	21792993	68080770	164.779	212.619 #
27)	L6 AR-1254-2	5.765	6.819	20450170	70282880	174.580	137.344
28)	L6 AR-1254-3	6.177	7.186	48674657	43932309	235.561	73.208 #
29)	L6 AR-1254-4	6.388	7.467	5666644	29662222	37.014	68.541 #
30)	L6 AR-1254-5	6.798	7.881	81798035	260.7E6	439.069	554.709 #
31)	L7 AR-1260-1	6.291	7.346	58364194	170.9E6	509.274	470.701
32)	L7 AR-1260-2	6.475	7.598	73441898	215.4E6	486.979	492.395
33)	L7 AR-1260-3	6.627	7.954	67571167	165.8E6	502.076	488.590
34)	L7 AR-1260-4	7.092	8.184	57569088	192.0E6	480.982	472.413
35)	L7 AR-1260-5	7.331	8.510	143.6E6	410.1E6	477.971	479.525
36)	L8 AR-1262-1	6.889	7.954	29875402	165.8E6	315.158	238.776
37)	L8 AR-1262-2	7.331	8.510	143.6E6	410.1E6	295.262	299.157
38)	L8 AR-1262-3	7.610	8.846	31655201	254.6E6	174.299	282.587 #
39)	L8 AR-1262-4	7.674	8.901	104.0E6	158.6E6	292.365	236.209
40)	L8 AR-1262-5	8.165	9.586	34765171	114.8E6	213.180	234.591
41)	L9 AR-1268-1	7.610	8.846	31655201	254.6E6	58.631	161.546 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071919\
 Data File : PR039439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2019 11:35
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

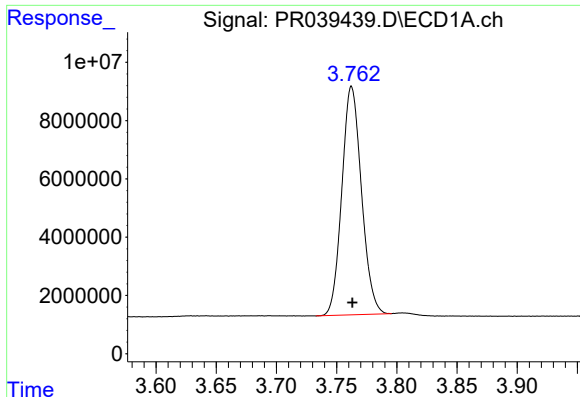
Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 12:18:35 2019
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 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
42) L9	AR-1268-2	7.674	8.901	104.0E6	158.6E6	210.001	108.112 #
44) L9	AR-1268-4	8.165	9.586	34765171	114.8E6	194.601	216.751
45) L9	AR-1268-5	8.456	10.004	8814327	30904067	6.492	7.205

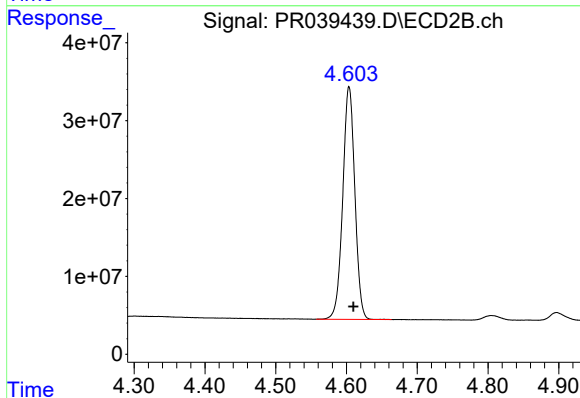
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

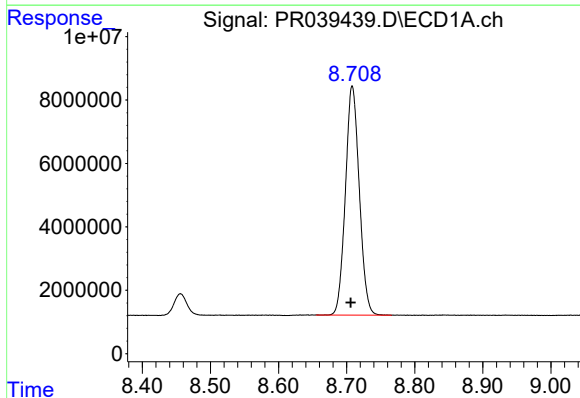
R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 88904881
Conc: 57.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



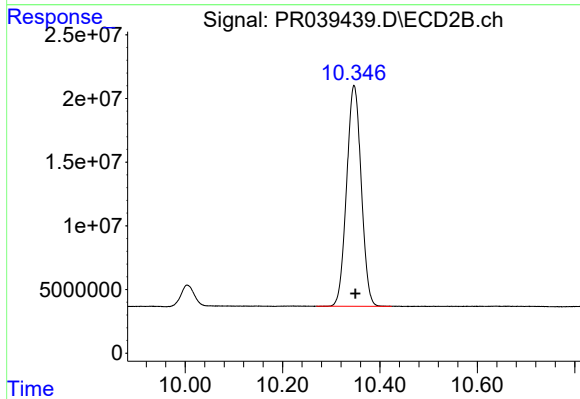
#1 Tetrachloro-m-xylene

R.T.: 4.604 min
Delta R.T.: -0.006 min
Response: 355643376
Conc: 54.99 ng/ml



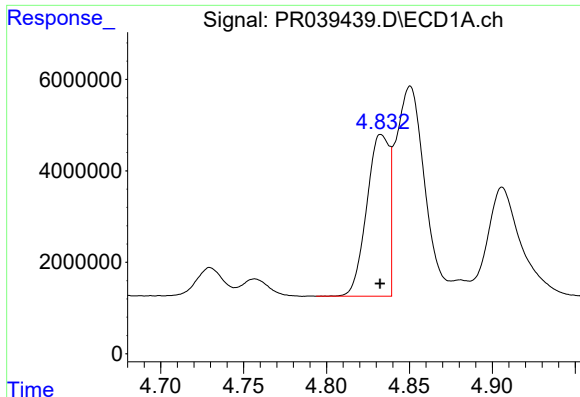
#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: 0.002 min
Response: 102503424
Conc: 41.92 ng/ml



#2 Decachlorobiphenyl

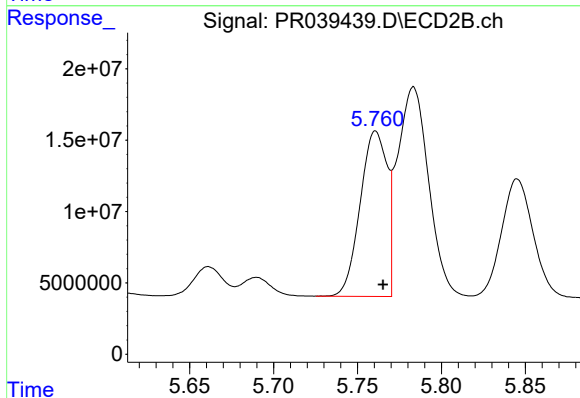
R.T.: 10.347 min
Delta R.T.: -0.003 min
Response: 361266930
Conc: 42.22 ng/ml



#3 AR-1016-1

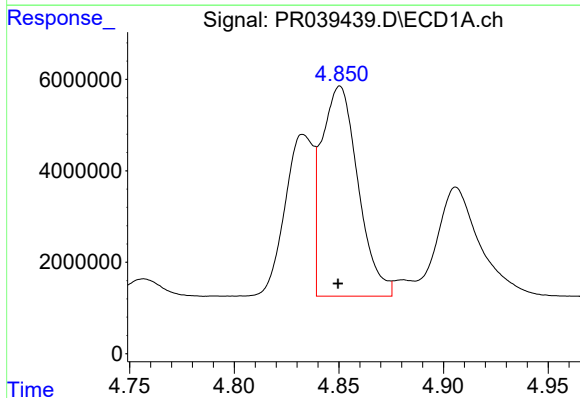
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 33275674
Conc: 553.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



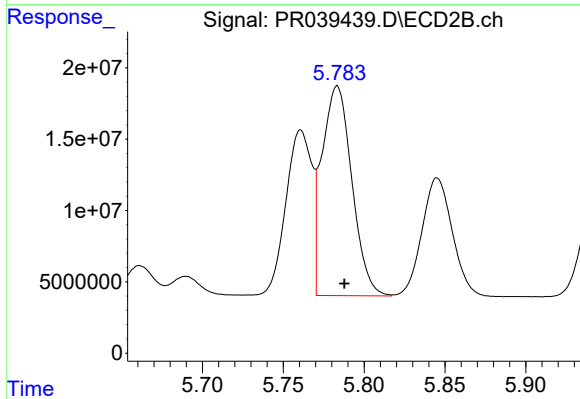
#3 AR-1016-1

R.T.: 5.761 min
Delta R.T.: -0.004 min
Response: 129684642
Conc: 518.44 ng/ml



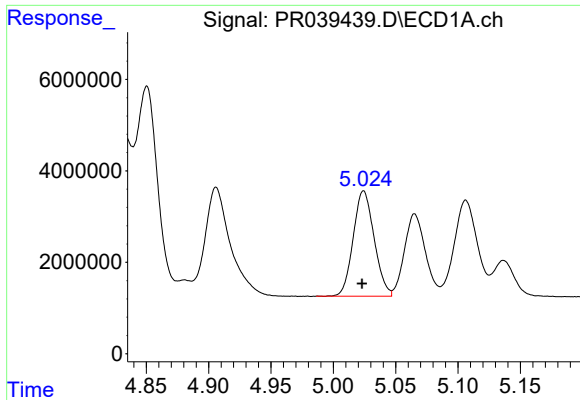
#4 AR-1016-2

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 55807060
Conc: 568.11 ng/ml



#4 AR-1016-2

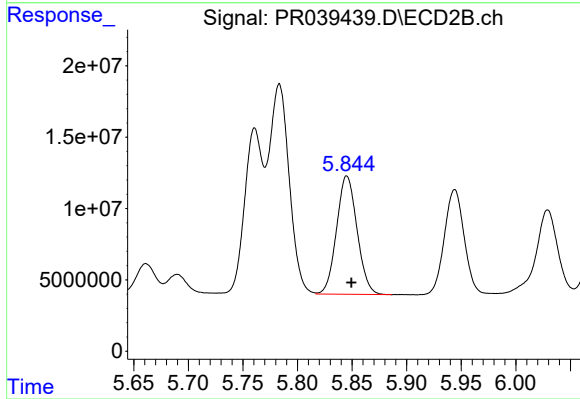
R.T.: 5.783 min
Delta R.T.: -0.004 min
Response: 189655947
Conc: 519.81 ng/ml



#5 AR-1016-3

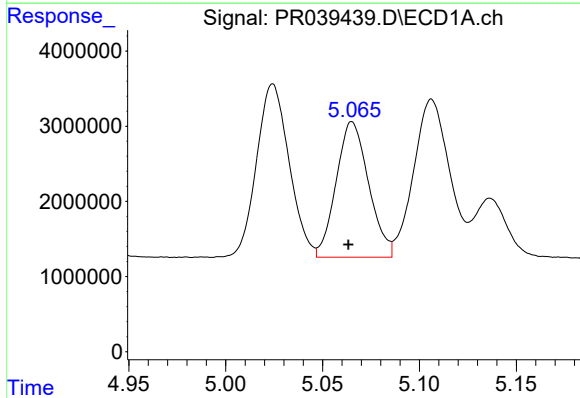
R.T.: 5.024 min
Delta R.T.: 0.001 min
Response: 26964173
Conc: 542.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



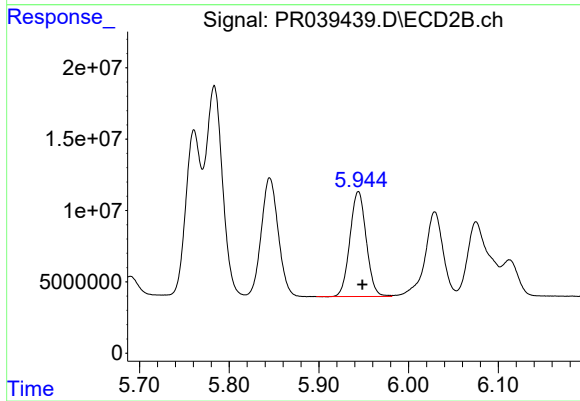
#5 AR-1016-3

R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 108606391
Conc: 493.39 ng/ml



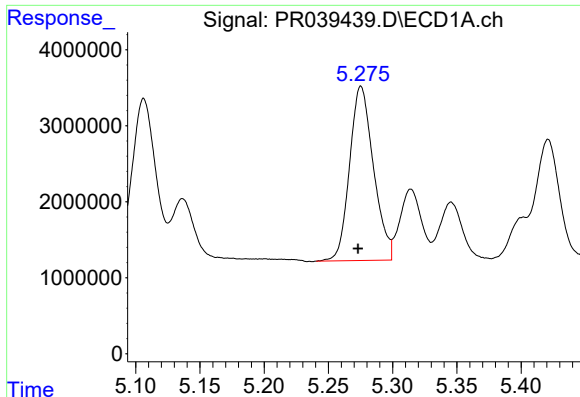
#6 AR-1016-4

R.T.: 5.065 min
Delta R.T.: 0.002 min
Response: 21018830
Conc: 525.67 ng/ml



#6 AR-1016-4

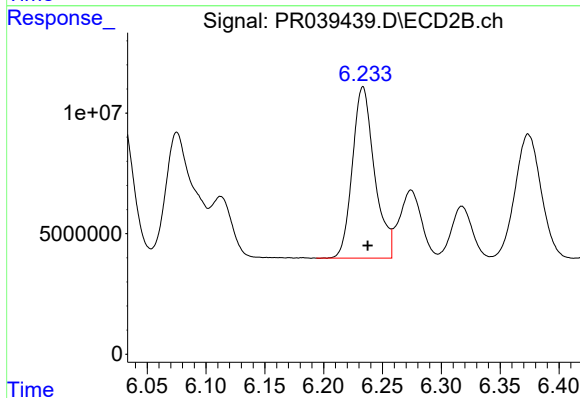
R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 93121864
Conc: 497.79 ng/ml



#7 AR-1016-5

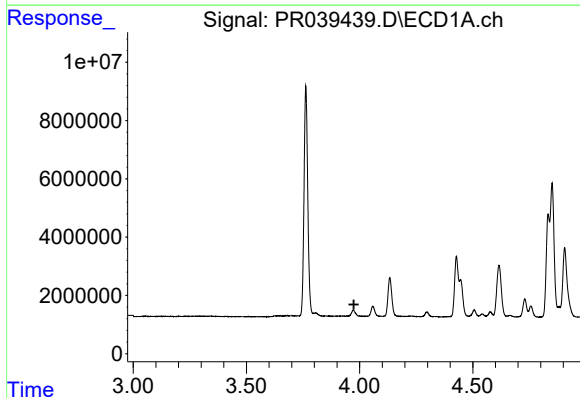
R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 29649095
Conc: 545.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



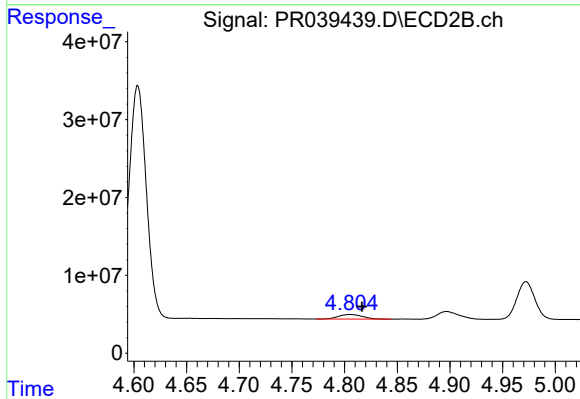
#7 AR-1016-5

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 92827003
Conc: 505.75 ng/ml



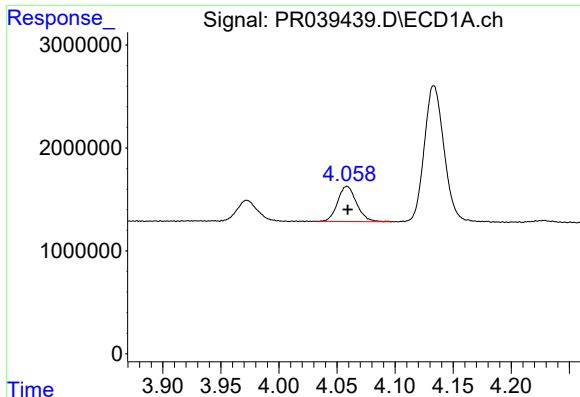
#8 AR-1221-1

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



#8 AR-1221-1

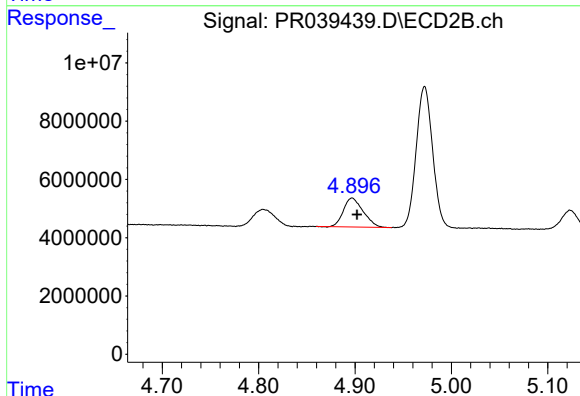
R.T.: 4.805 min
Delta R.T.: -0.012 min
Response: 9214653
Conc: 155.37 ng/ml



#9 AR-1221-2

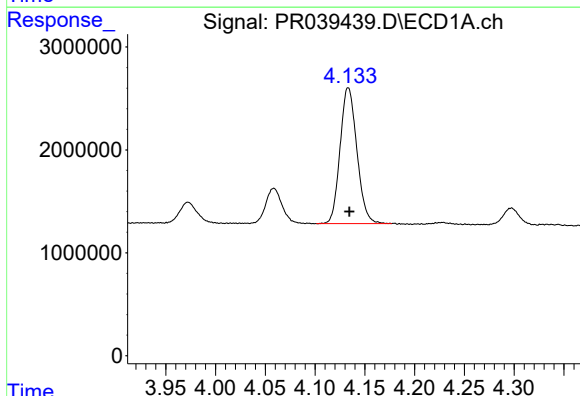
R.T.: 4.059 min
Delta R.T.: 0.000 min
Response: 3872254
Conc: 305.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



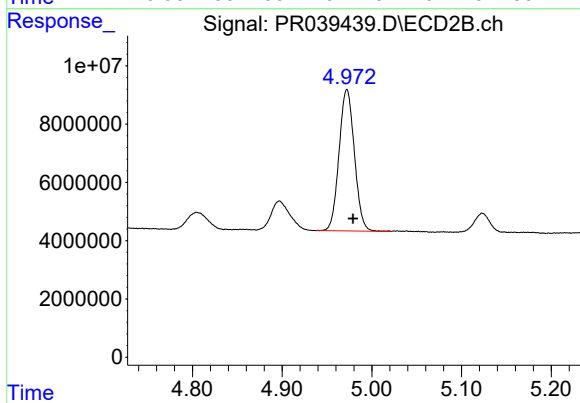
#9 AR-1221-2

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 14175188
Conc: 306.79 ng/ml



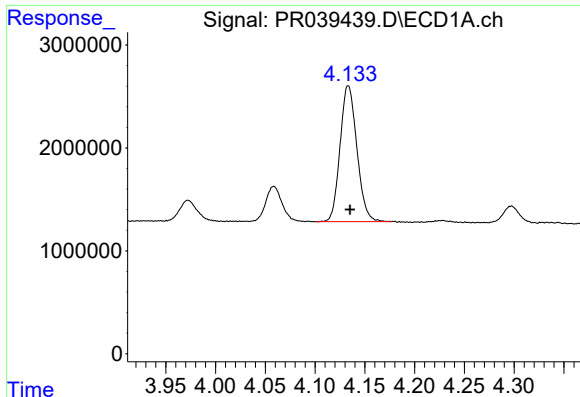
#10 AR-1221-3

R.T.: 4.133 min
Delta R.T.: -0.001 min
Response: 15529719
Conc: 392.03 ng/ml



#10 AR-1221-3

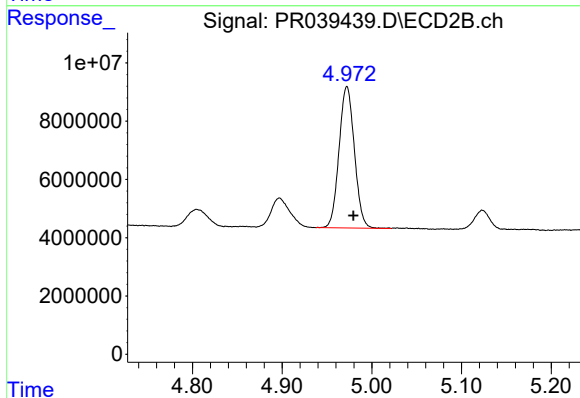
R.T.: 4.972 min
Delta R.T.: -0.007 min
Response: 57744142
Conc: 383.03 ng/ml



#11 AR-1232-1

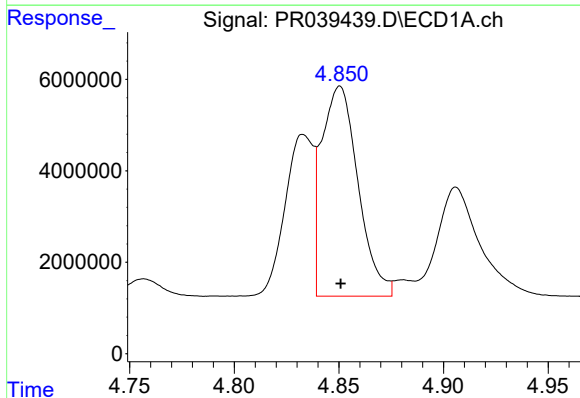
R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 15529719
Conc: 522.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



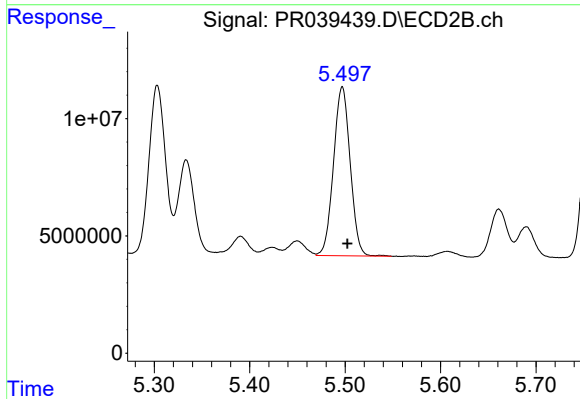
#11 AR-1232-1

R.T.: 4.972 min
Delta R.T.: -0.007 min
Response: 57744142
Conc: 525.25 ng/ml



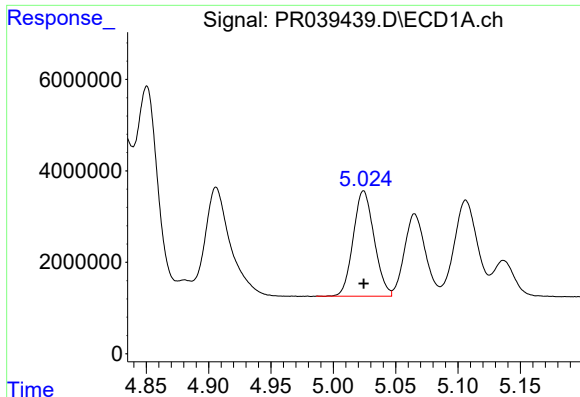
#12 AR-1232-2

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 55807060
Conc: 1511.81 ng/ml



#12 AR-1232-2

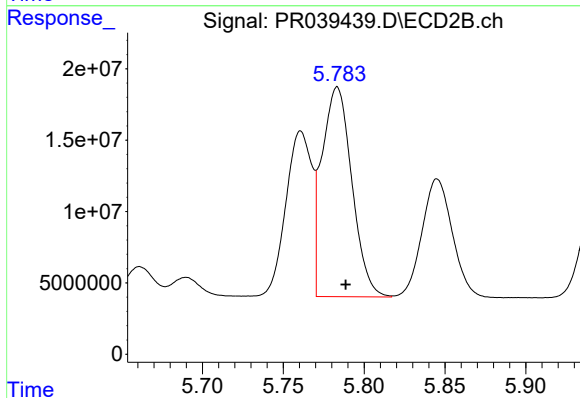
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 87263317
Conc: 1455.89 ng/ml



#13 AR-1232-3

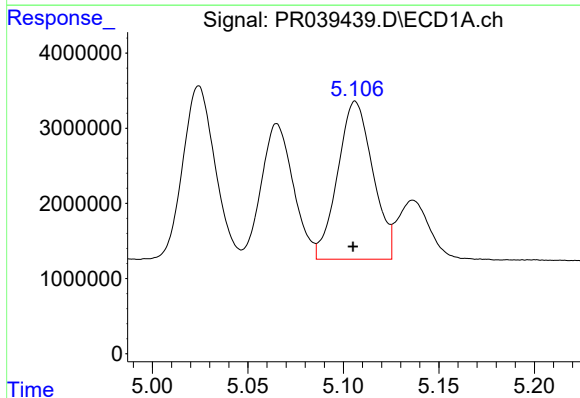
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 26964173
Conc: 1476.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



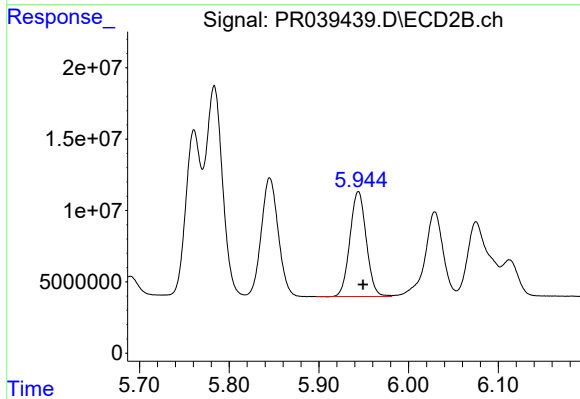
#13 AR-1232-3

R.T.: 5.783 min
Delta R.T.: -0.005 min
Response: 189655947
Conc: 1462.35 ng/ml



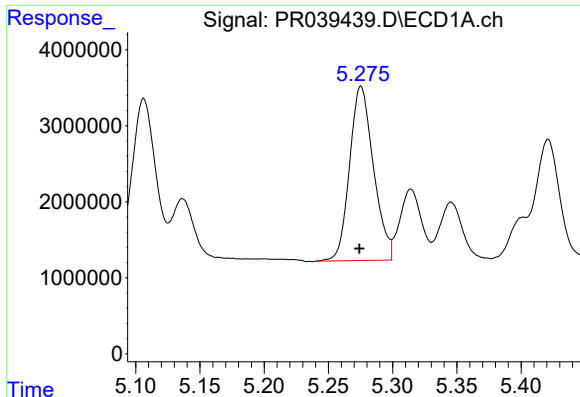
#14 AR-1232-4

R.T.: 5.106 min
Delta R.T.: 0.001 min
Response: 26925261
Conc: 1689.89 ng/ml



#14 AR-1232-4

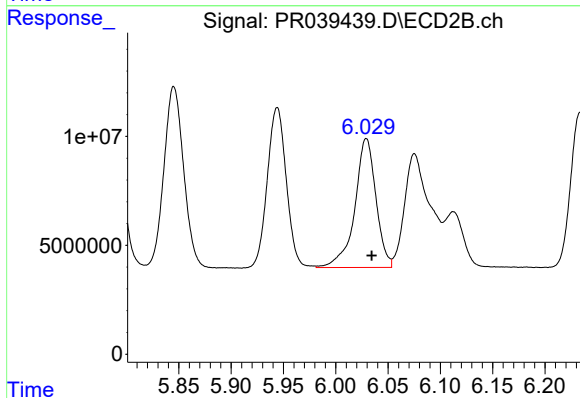
R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 93121864
Conc: 1390.48 ng/ml



#15 AR-1232-5

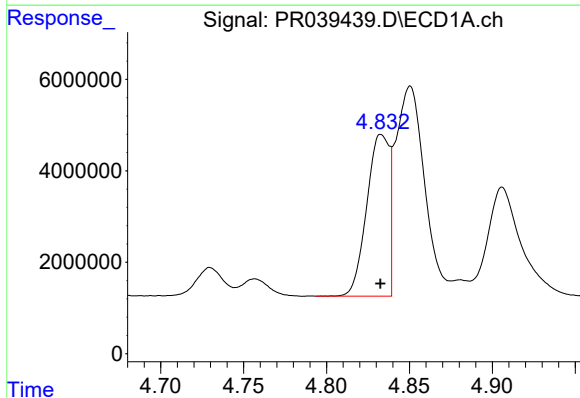
R.T.: 5.275 min
Delta R.T.: 0.001 min
Response: 29649095
Conc: 1644.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



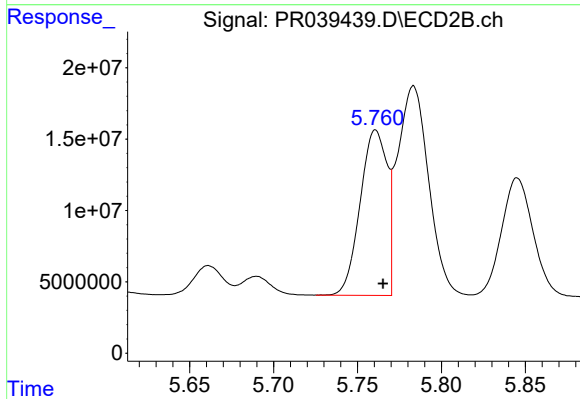
#15 AR-1232-5

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 83219613
Conc: 1826.01 ng/ml



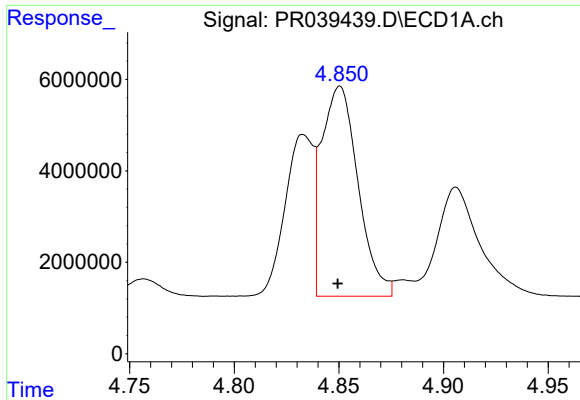
#16 AR-1242-1

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 33275674
Conc: 629.79 ng/ml



#16 AR-1242-1

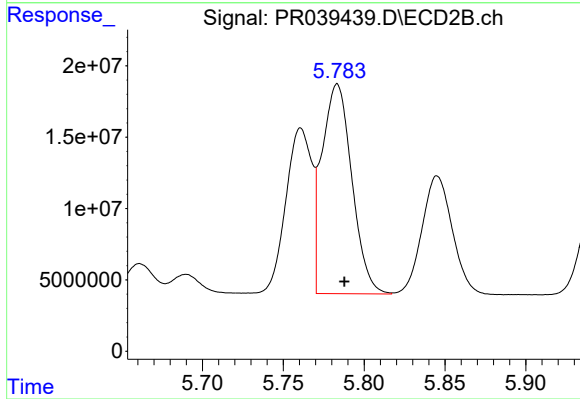
R.T.: 5.761 min
Delta R.T.: -0.004 min
Response: 129684642
Conc: 603.54 ng/ml



#17 AR-1242-2

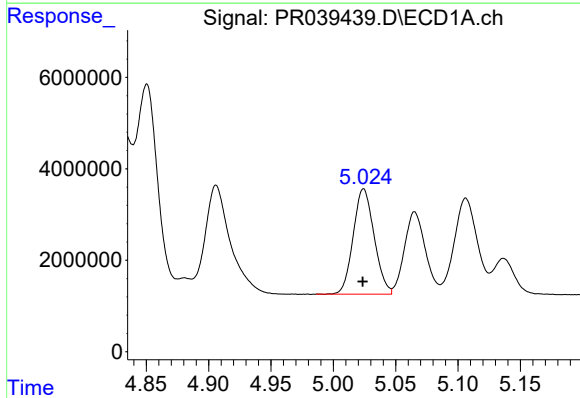
R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 55807060
Conc: 640.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



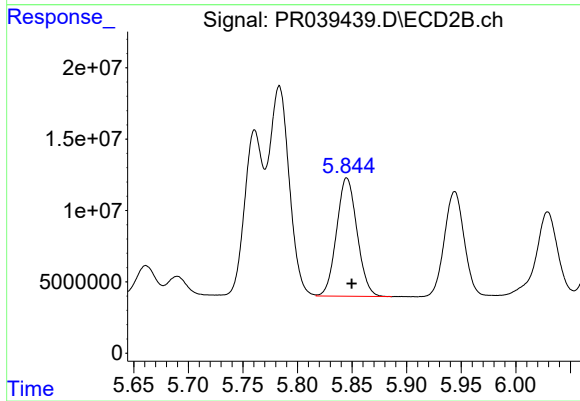
#17 AR-1242-2

R.T.: 5.783 min
Delta R.T.: -0.004 min
Response: 189655947
Conc: 606.76 ng/ml



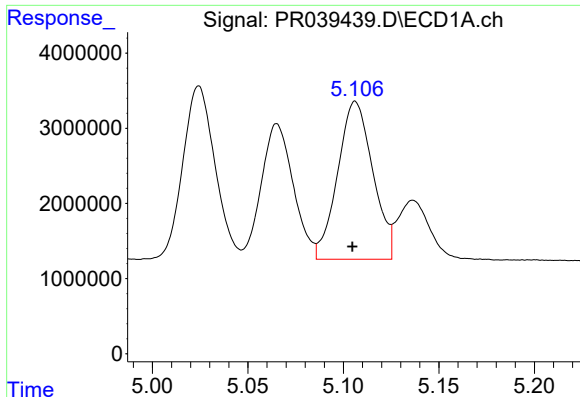
#18 AR-1242-3

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 26964173
Conc: 619.48 ng/ml



#18 AR-1242-3

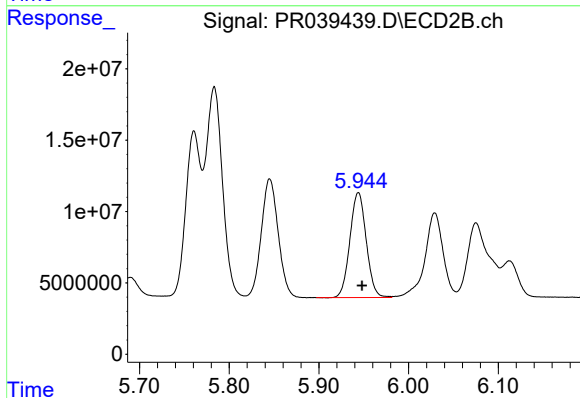
R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 108606391
Conc: 569.79 ng/ml



#19 AR-1242-4

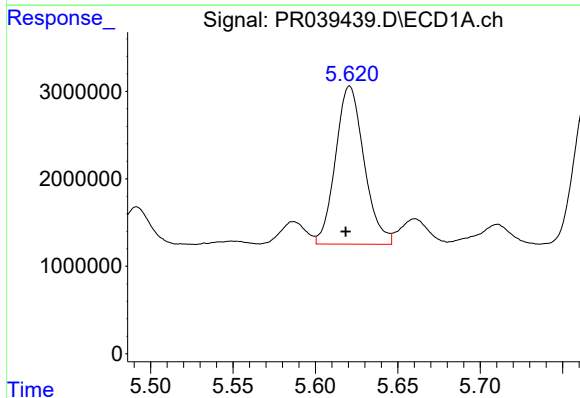
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 26925261
Conc: 625.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



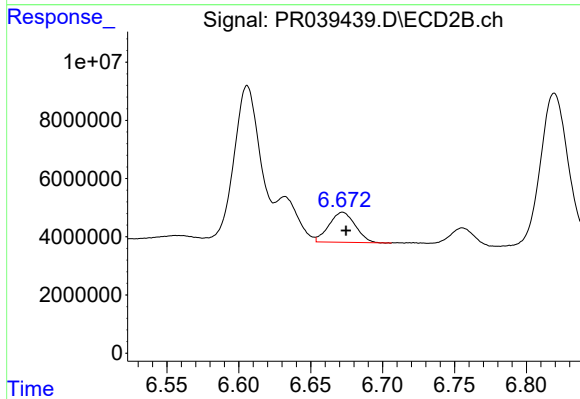
#19 AR-1242-4

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 93121864
Conc: 580.24 ng/ml



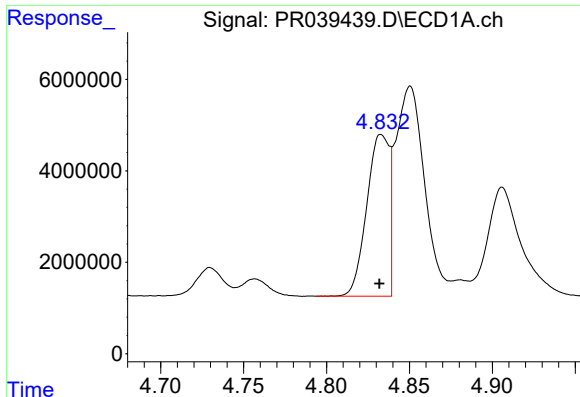
#20 AR-1242-5

R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 21792993
Conc: 348.76 ng/ml



#20 AR-1242-5

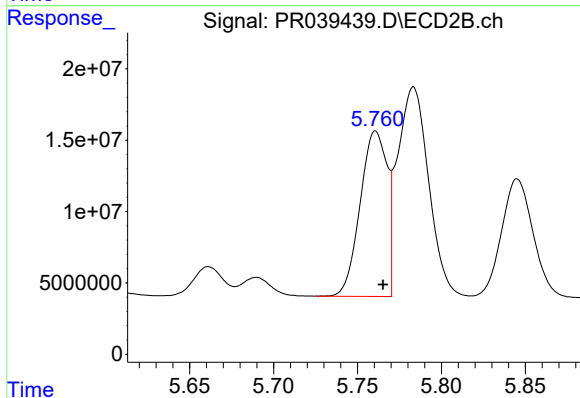
R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 13174288
Conc: 69.87 ng/ml



#21 AR-1248-1

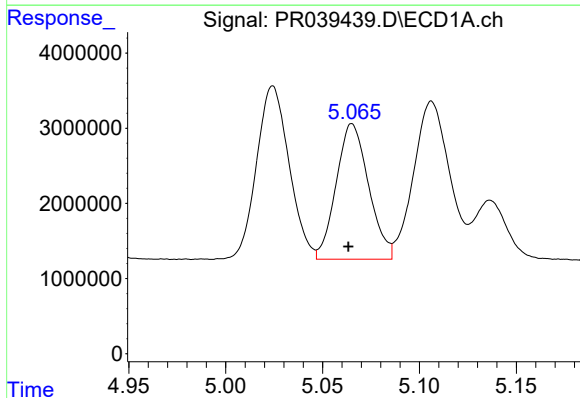
R.T.: 4.833 min
Delta R.T.: 0.001 min
Response: 33275674
Conc: 768.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



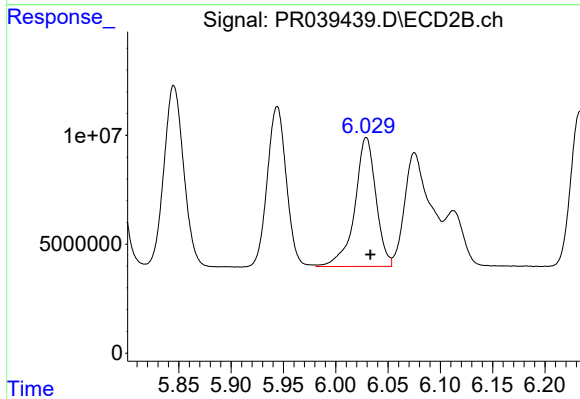
#21 AR-1248-1

R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 129684642
Conc: 758.54 ng/ml



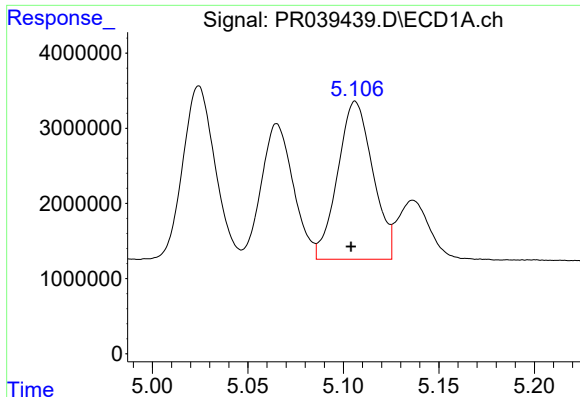
#22 AR-1248-2

R.T.: 5.065 min
Delta R.T.: 0.002 min
Response: 21018830
Conc: 335.08 ng/ml



#22 AR-1248-2

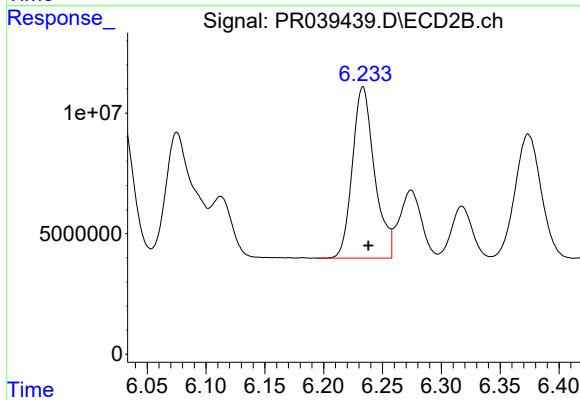
R.T.: 6.029 min
Delta R.T.: -0.004 min
Response: 83219613
Conc: 354.33 ng/ml



#23 AR-1248-3

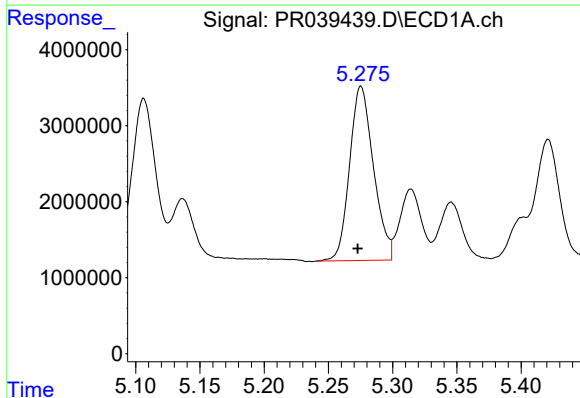
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 26925261
Conc: 412.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



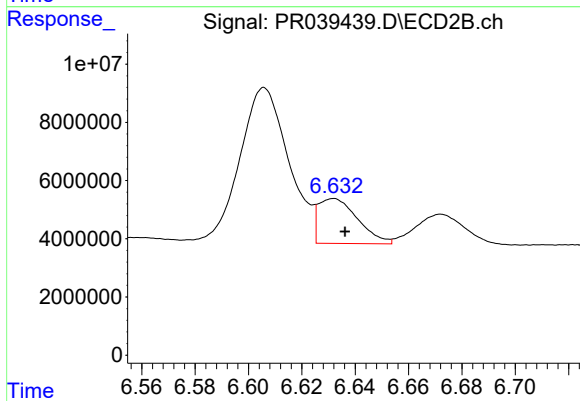
#23 AR-1248-3

R.T.: 6.233 min
Delta R.T.: -0.005 min
Response: 92827003
Conc: 335.88 ng/ml



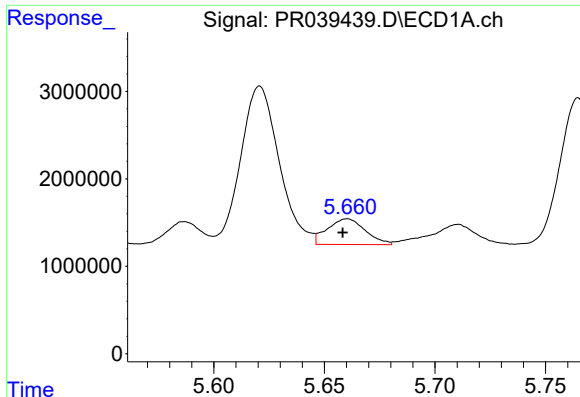
#24 AR-1248-4

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 29649095
Conc: 361.68 ng/ml



#24 AR-1248-4

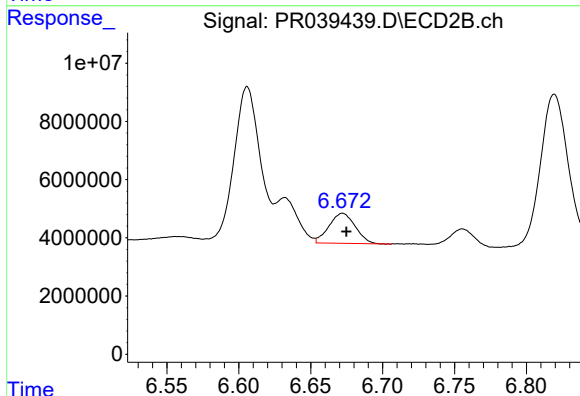
R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 15773767
Conc: 47.00 ng/ml



#25 AR-1248-5

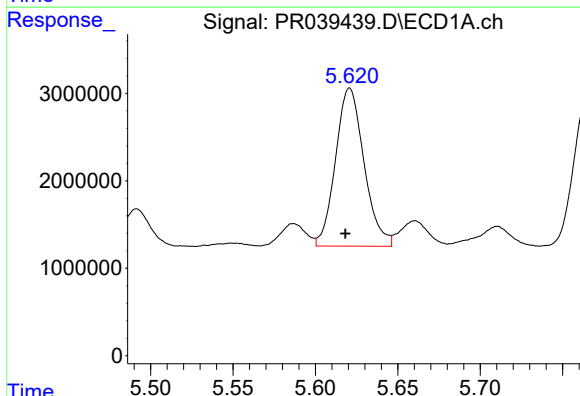
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 3524931
Conc: 40.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



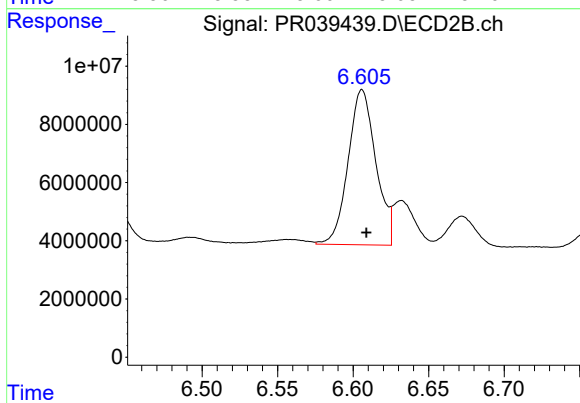
#25 AR-1248-5

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 13174288
Conc: 41.04 ng/ml



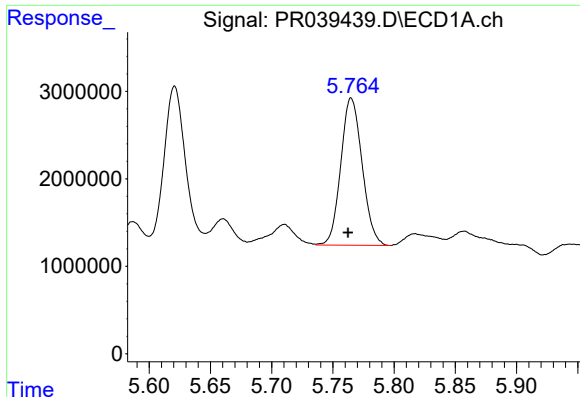
#26 AR-1254-1

R.T.: 5.621 min
Delta R.T.: 0.003 min
Response: 21792993
Conc: 164.78 ng/ml



#26 AR-1254-1

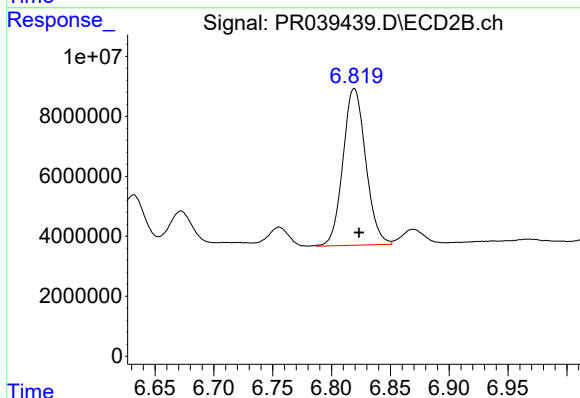
R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 68080770
Conc: 212.62 ng/ml



#27 AR-1254-2

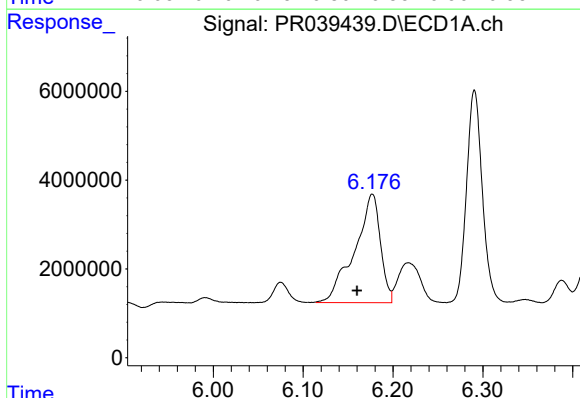
R.T.: 5.765 min
Delta R.T.: 0.002 min
Response: 20450170
Conc: 174.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



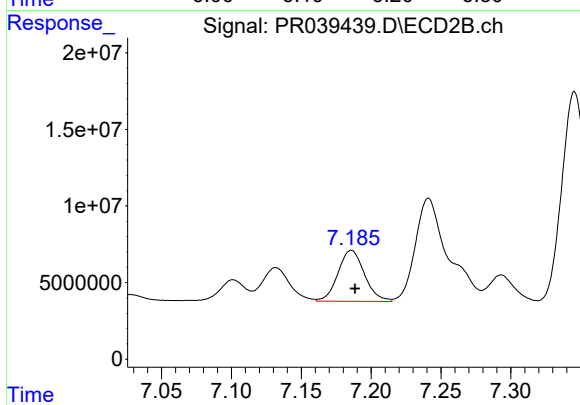
#27 AR-1254-2

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 70282880
Conc: 137.34 ng/ml



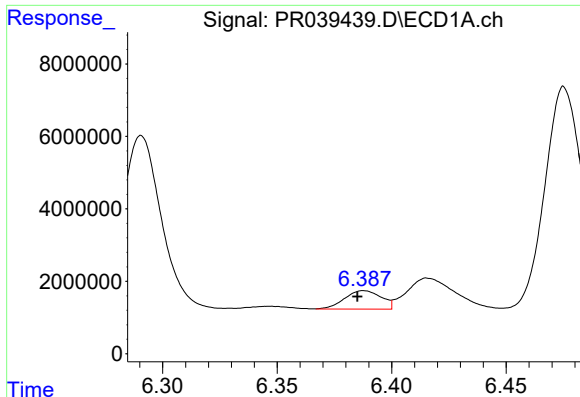
#28 AR-1254-3

R.T.: 6.177 min
Delta R.T.: 0.017 min
Response: 48674657
Conc: 235.56 ng/ml



#28 AR-1254-3

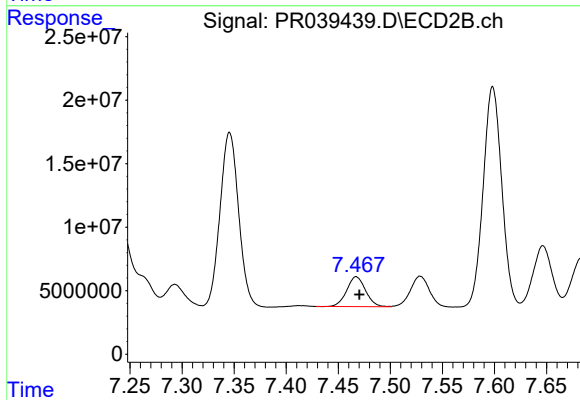
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 43932309
Conc: 73.21 ng/ml



#29 AR-1254-4

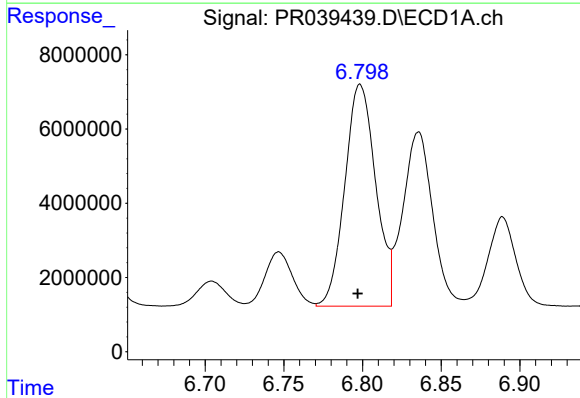
R.T.: 6.388 min
Delta R.T.: 0.003 min
Response: 5666644
Conc: 37.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



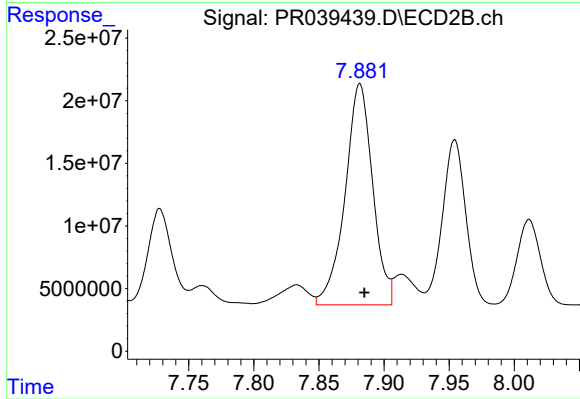
#29 AR-1254-4

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 29662222
Conc: 68.54 ng/ml



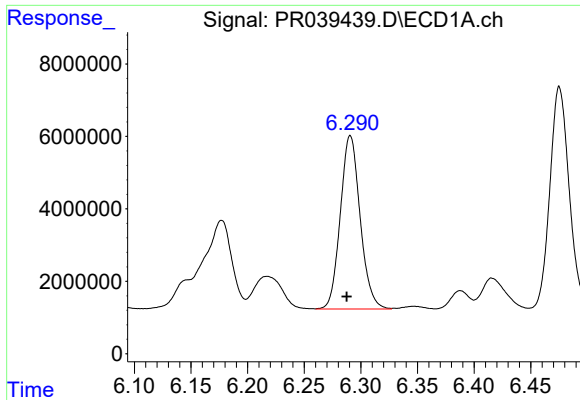
#30 AR-1254-5

R.T.: 6.798 min
Delta R.T.: 0.001 min
Response: 81798035
Conc: 439.07 ng/ml



#30 AR-1254-5

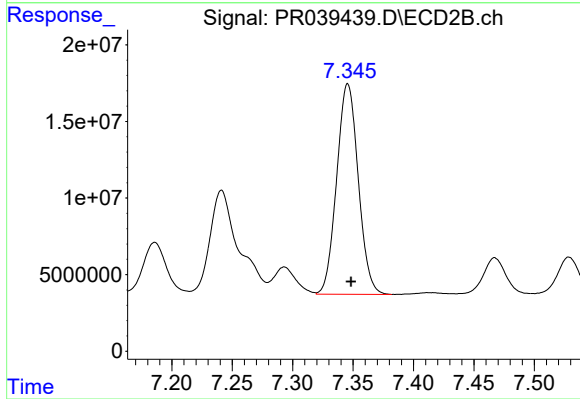
R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 260698331
Conc: 554.71 ng/ml



#31 AR-1260-1

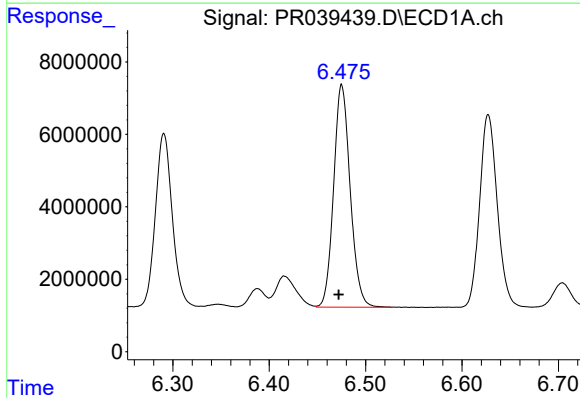
R.T.: 6.291 min
Delta R.T.: 0.003 min
Response: 58364194
Conc: 509.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



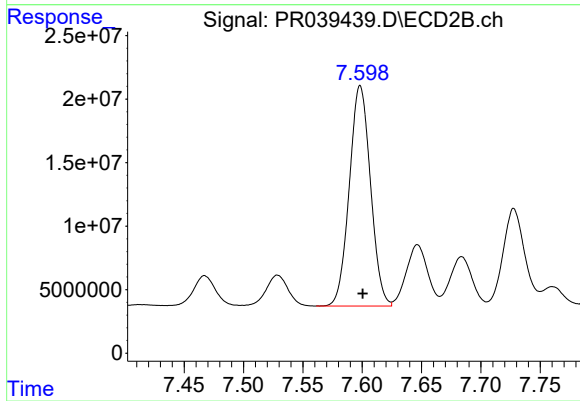
#31 AR-1260-1

R.T.: 7.346 min
Delta R.T.: -0.003 min
Response: 170925686
Conc: 470.70 ng/ml



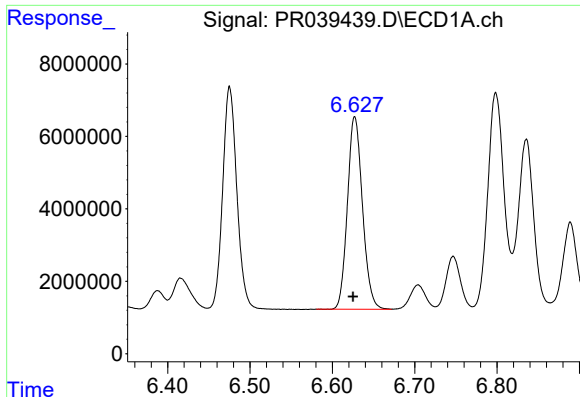
#32 AR-1260-2

R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 73441898
Conc: 486.98 ng/ml



#32 AR-1260-2

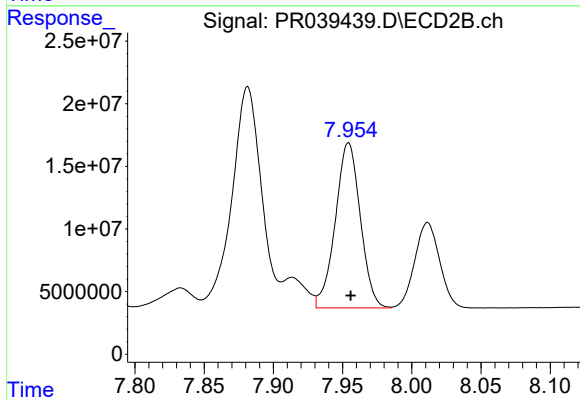
R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 215375565
Conc: 492.39 ng/ml



#33 AR-1260-3

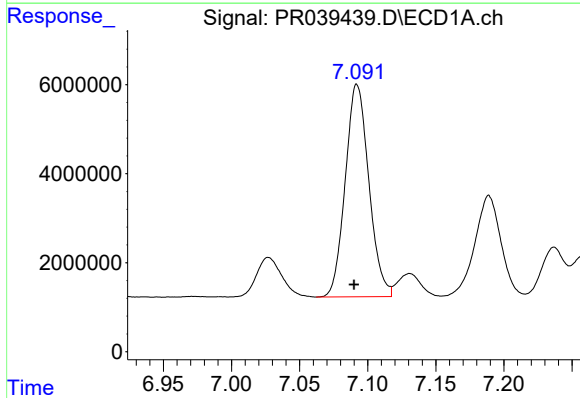
R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 67571167
Conc: 502.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



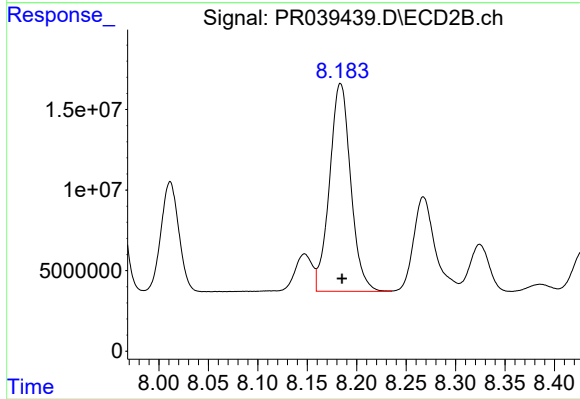
#33 AR-1260-3

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 165817614
Conc: 488.59 ng/ml



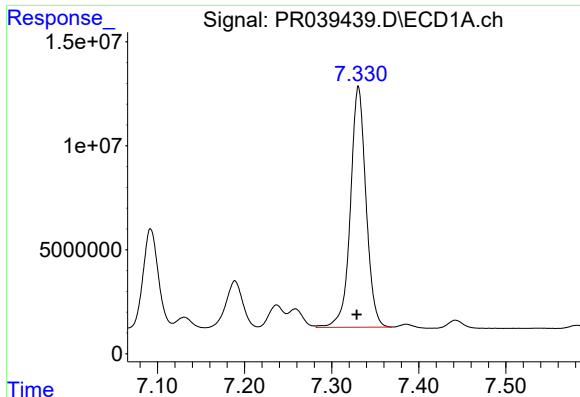
#34 AR-1260-4

R.T.: 7.092 min
Delta R.T.: 0.002 min
Response: 57569088
Conc: 480.98 ng/ml



#34 AR-1260-4

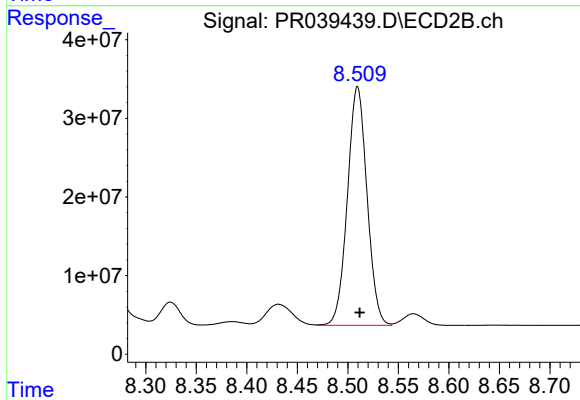
R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 191977159
Conc: 472.41 ng/ml



#35 AR-1260-5

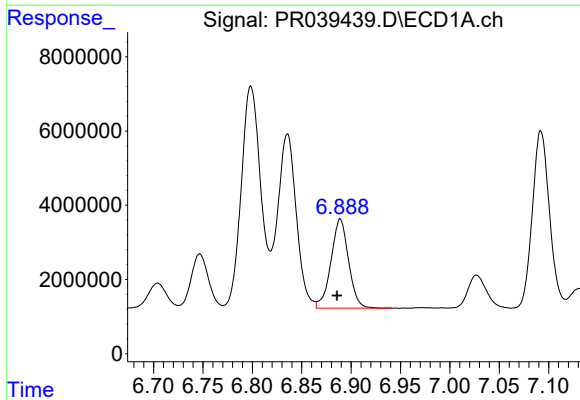
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 143645836
Conc: 477.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



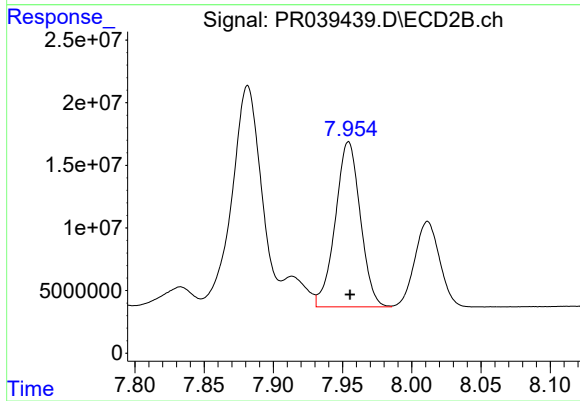
#35 AR-1260-5

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 410064318
Conc: 479.52 ng/ml



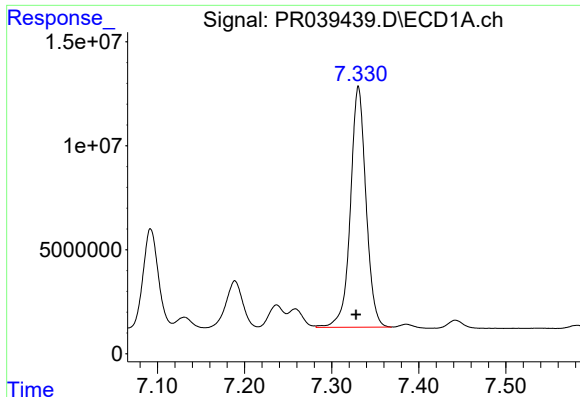
#36 AR-1262-1

R.T.: 6.889 min
Delta R.T.: 0.003 min
Response: 29875402
Conc: 315.16 ng/ml



#36 AR-1262-1

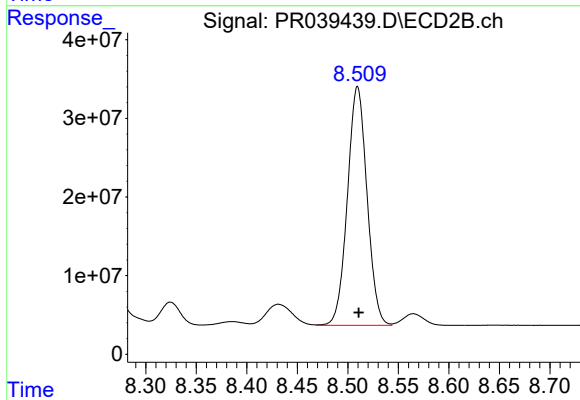
R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 165817614
Conc: 238.78 ng/ml



#37 AR-1262-2

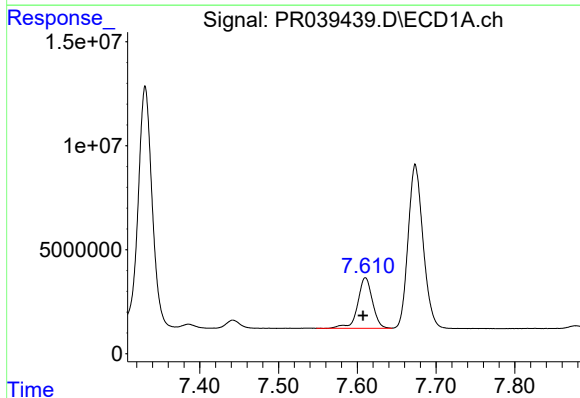
R.T.: 7.331 min
Delta R.T.: 0.003 min
Response: 143645836
Conc: 295.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



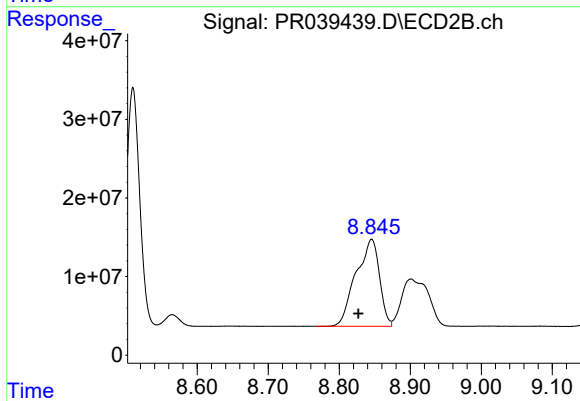
#37 AR-1262-2

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 410064318
Conc: 299.16 ng/ml



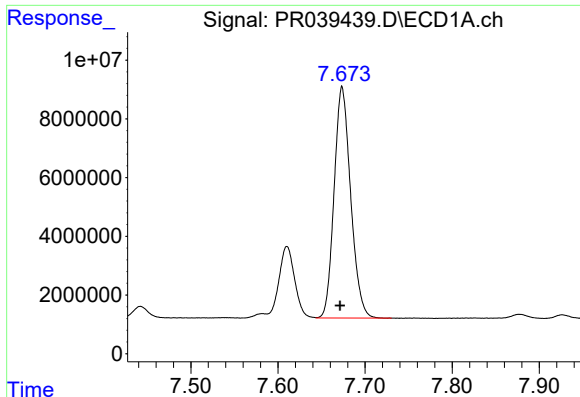
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: 0.003 min
Response: 31655201
Conc: 174.30 ng/ml



#38 AR-1262-3

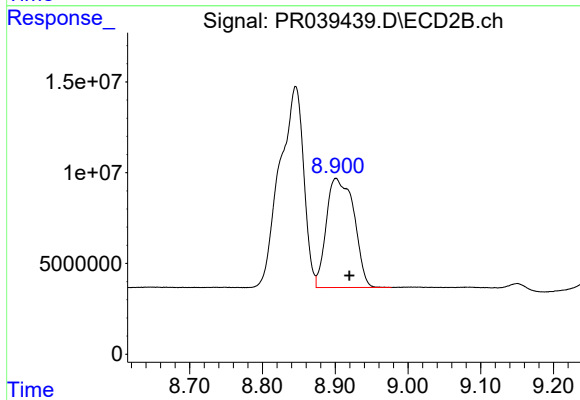
R.T.: 8.846 min
Delta R.T.: 0.019 min
Response: 254552412
Conc: 282.59 ng/ml



#39 AR-1262-4

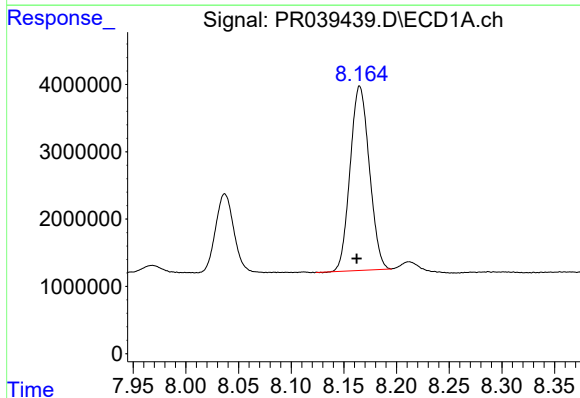
R.T.: 7.674 min
Delta R.T.: 0.002 min
Response: 104018467
Conc: 292.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



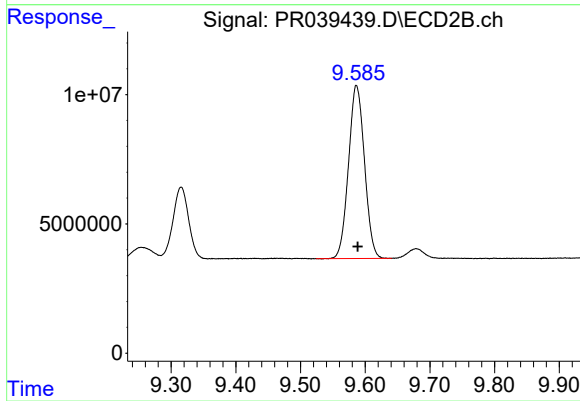
#39 AR-1262-4

R.T.: 8.901 min
Delta R.T.: -0.019 min
Response: 158590475
Conc: 236.21 ng/ml



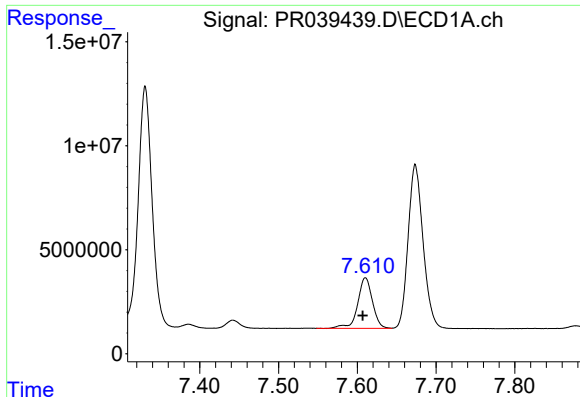
#40 AR-1262-5

R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 34765171
Conc: 213.18 ng/ml



#40 AR-1262-5

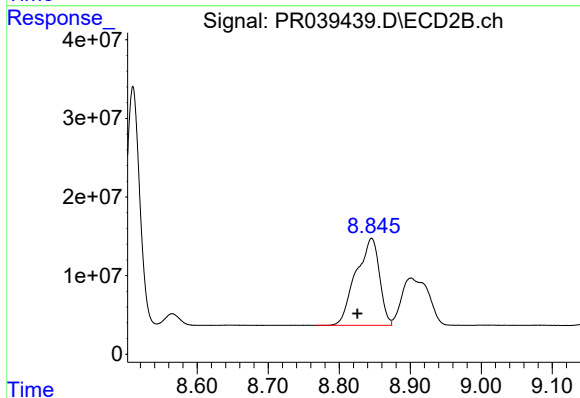
R.T.: 9.586 min
Delta R.T.: -0.002 min
Response: 114837331
Conc: 234.59 ng/ml



#41 AR-1268-1

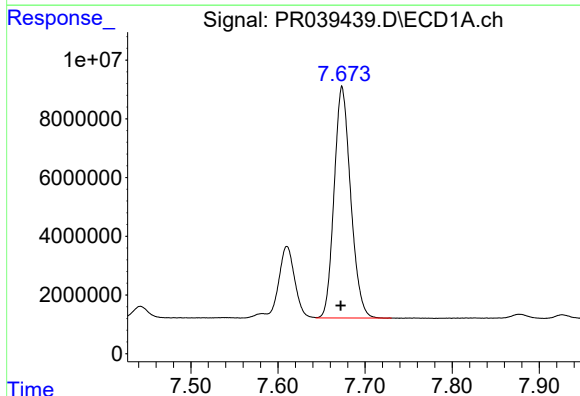
R.T.: 7.610 min
Delta R.T.: 0.003 min
Response: 31655201
Conc: 58.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



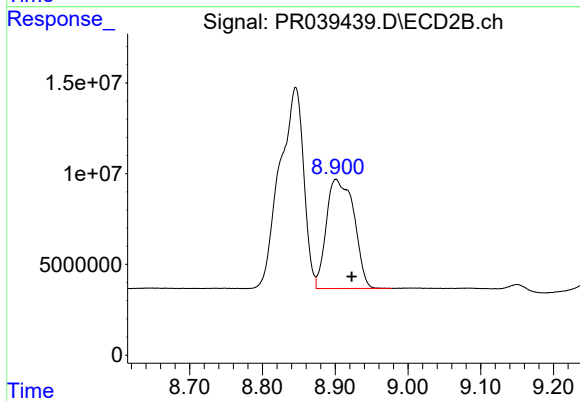
#41 AR-1268-1

R.T.: 8.846 min
Delta R.T.: 0.020 min
Response: 254552412
Conc: 161.55 ng/ml



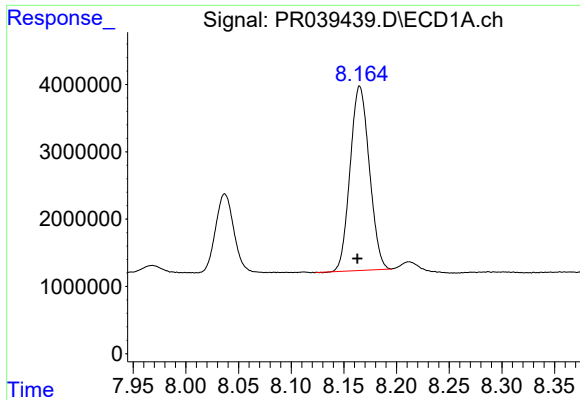
#42 AR-1268-2

R.T.: 7.674 min
Delta R.T.: 0.002 min
Response: 104018467
Conc: 210.00 ng/ml



#42 AR-1268-2

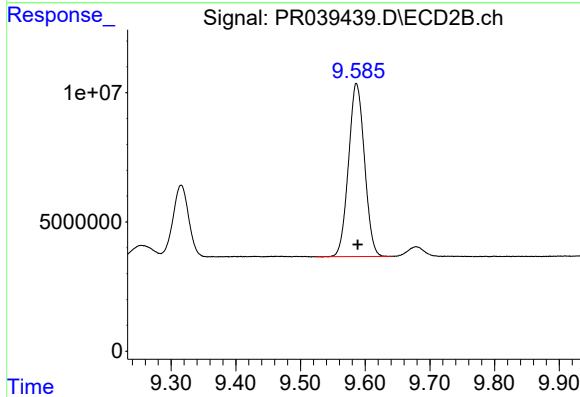
R.T.: 8.901 min
Delta R.T.: -0.022 min
Response: 158590475
Conc: 108.11 ng/ml



#44 AR-1268-4

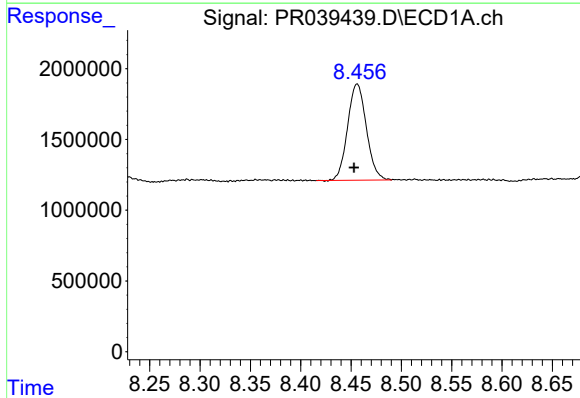
R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 34765171
Conc: 194.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



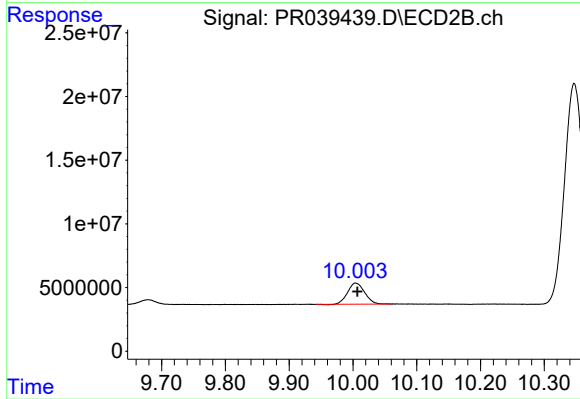
#44 AR-1268-4

R.T.: 9.586 min
Delta R.T.: -0.002 min
Response: 114837331
Conc: 216.75 ng/ml



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 8814327
Conc: 6.49 ng/ml



#45 AR-1268-5

R.T.: 10.004 min
Delta R.T.: -0.003 min
Response: 30904067
Conc: 7.20 ng/ml