

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
 Data File : P0060707.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2019 19:48
 Operator : SM/AJ
 Sample : K4852-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 GIS-1(0.-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:28:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.367	3.532	721152	594902	17.380	19.369
2)	SA Decachlor...	10.028	8.416	708322	519040	13.428	14.021
Target Compounds							
3)	L1 AR-1016-1	5.533	4.573	63310	42996	38.911	34.239
4)	L1 AR-1016-2	5.533	4.573	63310	42996	26.998	24.607
5)	L1 AR-1016-3	0.000	4.789	0	83807	N.D.	88.134 #
6)	L1 AR-1016-4	5.752	4.789	81942	83807	66.650	101.687 #
7)	L1 AR-1016-5	6.004	5.052	73556	68319	59.633	64.300
9)	L2 AR-1221-2	0.000	3.821	0	8537	N.D.	28.542 #
12)	L3 AR-1232-2	0.000	4.573	0	42996	N.D.	40.801 #
13)	L3 AR-1232-3	5.533	4.789	63310	83807	45.155	147.994 #
14)	L3 AR-1232-4	5.752	4.875	81942	25772	112.062	47.389 #
15)	L3 AR-1232-5	5.854	5.052	10475	68319	20.036	114.506 #
16)	L4 AR-1242-1	5.533	4.573	63310	42996	52.551	46.769
17)	L4 AR-1242-2	5.533	4.573	63310	42996	36.607	33.518
18)	L4 AR-1242-3	0.000	4.789	0	83807	N.D.	117.375 #
19)	L4 AR-1242-4	5.752	4.875	81942	25772	91.023	34.372 #
20)	L4 AR-1242-5	6.470	5.367	39659	10210	36.385	10.457 #
21)	L5 AR-1248-1	5.533	4.573	63310	42996	68.995	59.481
22)	L5 AR-1248-2	5.854	4.789	10475	83807	7.819	85.576 #
23)	L5 AR-1248-3	6.004	4.875	73556	25772	49.078	25.252 #
24)	L5 AR-1248-4	6.384	5.052	8747	68319	4.973	56.188 #
25)	L5 AR-1248-5	6.470	5.367	39659	10210	23.707	8.392 #
26)	L6 AR-1254-1	6.384	5.367	8747	10210	4.796	5.381
27)	L6 AR-1254-2	6.605	5.550	437325	180161	150.897	105.421 #
28)	L6 AR-1254-3	6.967	5.910	35104	44511	11.007	15.871 #
29)	L6 AR-1254-4	7.263	6.077	22890	345147	9.532	193.193 #
30)	L6 AR-1254-5	7.660	6.538	102056	129083	37.517	49.193 #
31)	L7 AR-1260-1	7.104	6.028	387183	189747	154.892	92.271 #
32)	L7 AR-1260-2	7.379	6.235	67826	222984	21.827	89.059 #
33)	L7 AR-1260-3	7.740	6.370	26308	24338	10.517	10.476
34)	L7 AR-1260-4	7.962	6.835	45969	26778	15.526	13.184
35)	L7 AR-1260-5	8.277	7.063	39872	265628	7.099	57.987 #
36)	L8 AR-1262-1	7.740	6.580	26308	26020	7.834	9.786
37)	L8 AR-1262-2	8.277	7.063	39872	265628	6.810	58.513 #
38)	L8 AR-1262-3	0.000	7.355	0	14176	N.D.	7.478 #
39)	L8 AR-1262-4	8.663	7.416	59366	37371	19.549	10.898 #
40)	L8 AR-1262-5	9.375	0.000	39402	0	19.643	N.D. #
41)	L9 AR-1268-1	0.000	7.355	0	14176	N.D.	2.791 #
42)	L9 AR-1268-2	8.663	7.416	59366	37371	9.231	8.045
43)	L9 AR-1268-3	8.931	0.000	40965	0	7.727	N.D. #
44)	L9 AR-1268-4	9.375	0.000	39402	0	17.760	N.D. #
45)	L9 AR-1268-5	0.000	8.179	0	17363	N.D.	1.550 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
Data File : P0060707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Sep 2019 19:48
Operator : SM/AJ
Sample : K4852-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

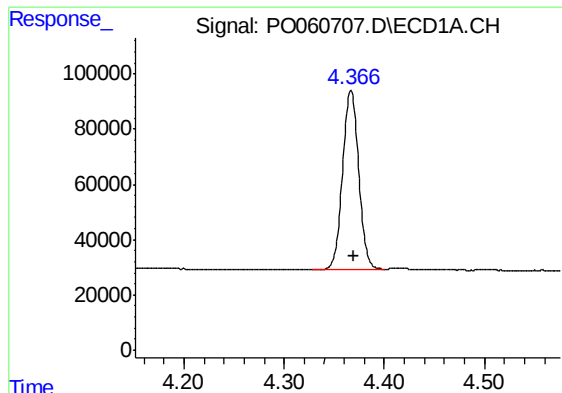
Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 04:28:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Sep 08 02:12:04 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

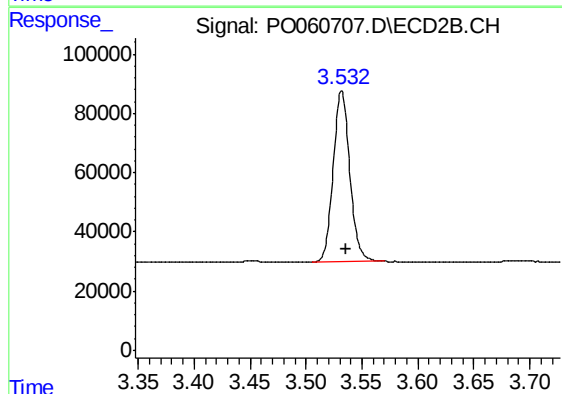
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

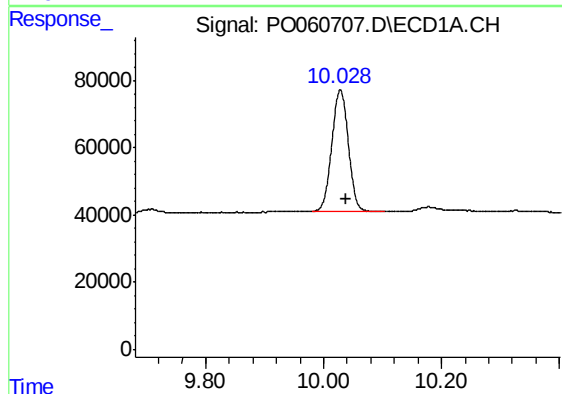
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 721152
Conc: 17.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



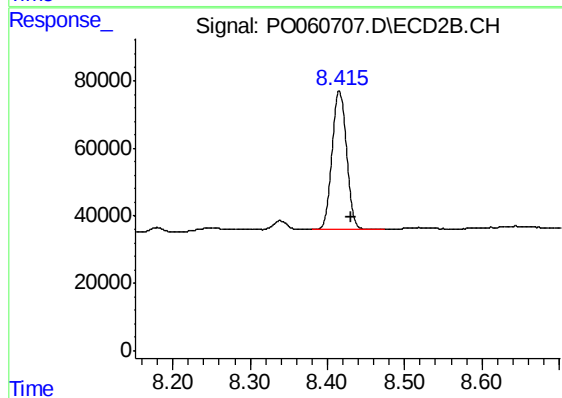
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.004 min
Response: 594902
Conc: 19.37 ng/ml



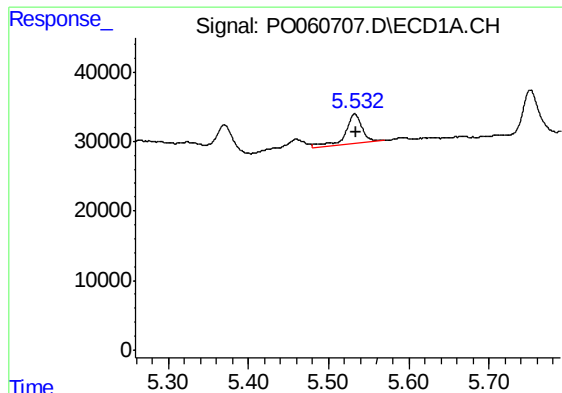
#2 Decachlorobiphenyl

R.T.: 10.028 min
Delta R.T.: -0.009 min
Response: 708322
Conc: 13.43 ng/ml



#2 Decachlorobiphenyl

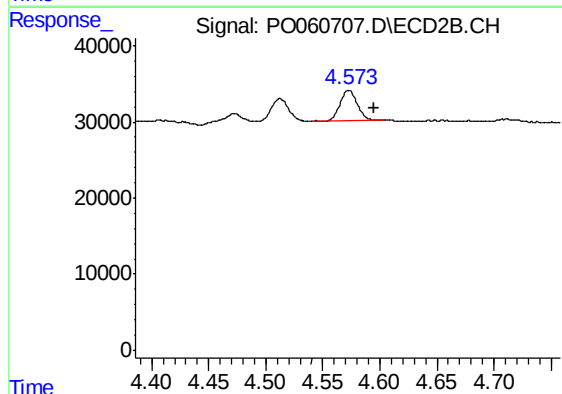
R.T.: 8.416 min
Delta R.T.: -0.015 min
Response: 519040
Conc: 14.02 ng/ml



#3 AR-1016-1

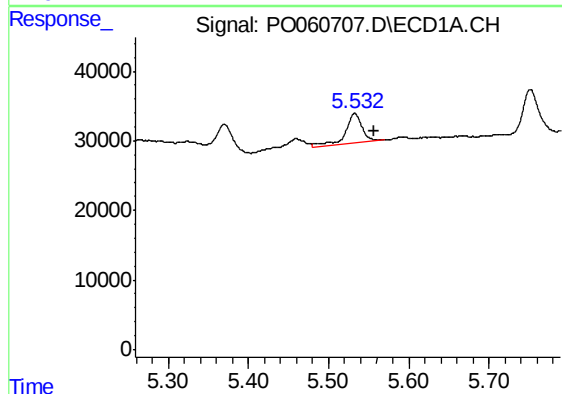
R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 63310
Conc: 38.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



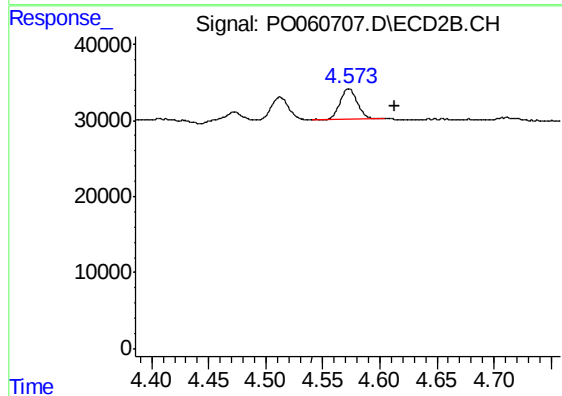
#3 AR-1016-1

R.T.: 4.573 min
Delta R.T.: -0.022 min
Response: 42996
Conc: 34.24 ng/ml



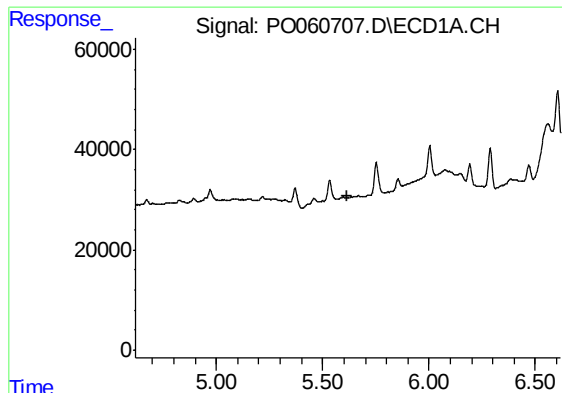
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 63310
Conc: 27.00 ng/ml



#4 AR-1016-2

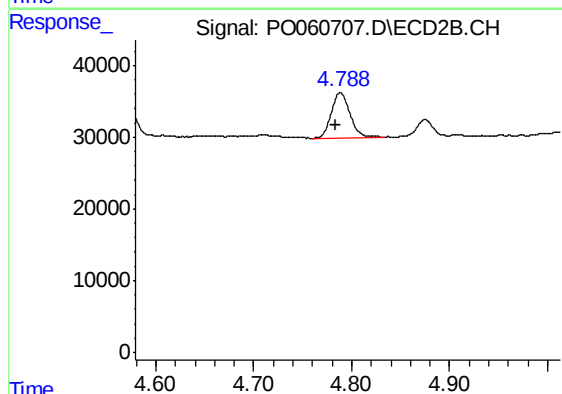
R.T.: 4.573 min
Delta R.T.: -0.040 min
Response: 42996
Conc: 24.61 ng/ml



#5 AR-1016-3

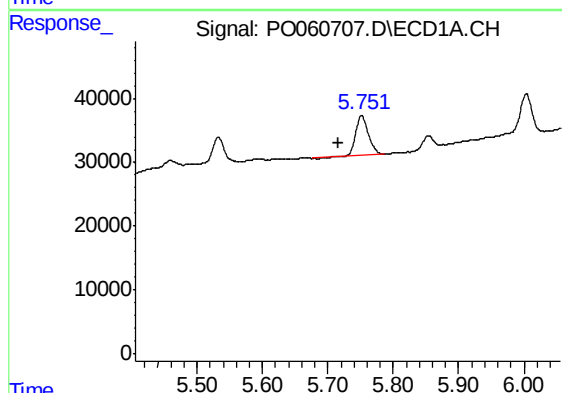
R.T.: 0.000 min
Exp R.T.: 5.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



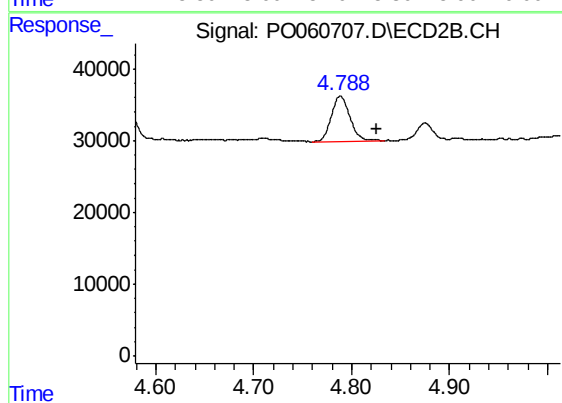
#5 AR-1016-3

R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 83807
Conc: 88.13 ng/ml



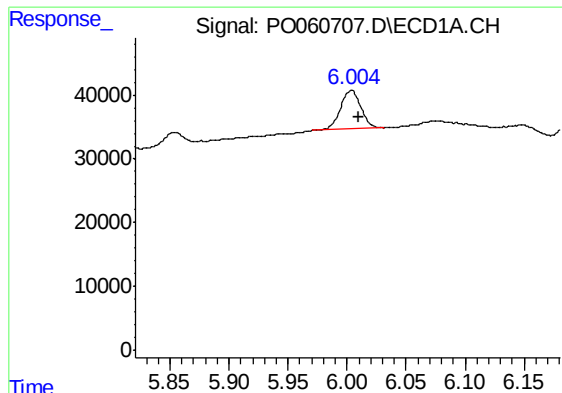
#6 AR-1016-4

R.T.: 5.752 min
Delta R.T.: 0.035 min
Response: 81942
Conc: 66.65 ng/ml



#6 AR-1016-4

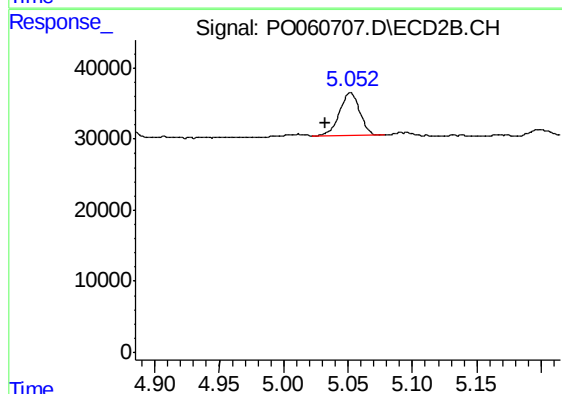
R.T.: 4.789 min
Delta R.T.: -0.037 min
Response: 83807
Conc: 101.69 ng/ml



#7 AR-1016-5

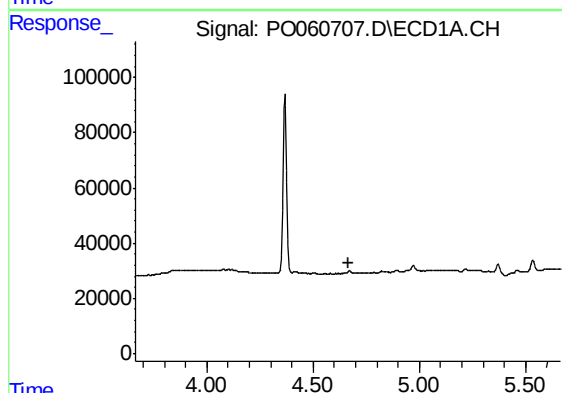
R.T.: 6.004 min
Delta R.T.: -0.006 min
Response: 73556
Conc: 59.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



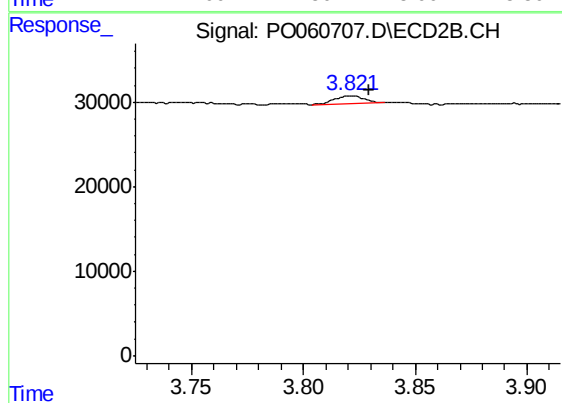
#7 AR-1016-5

R.T.: 5.052 min
Delta R.T.: 0.019 min
Response: 68319
Conc: 64.30 ng/ml



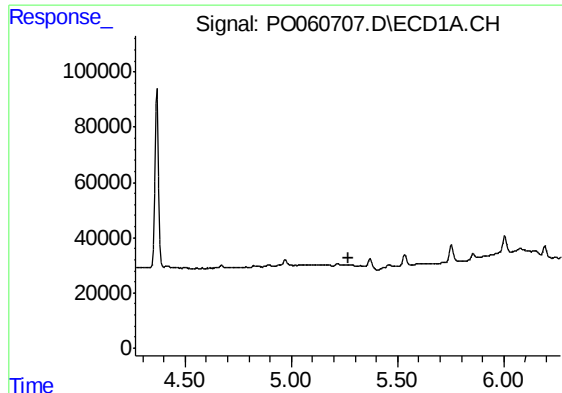
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#9 AR-1221-2

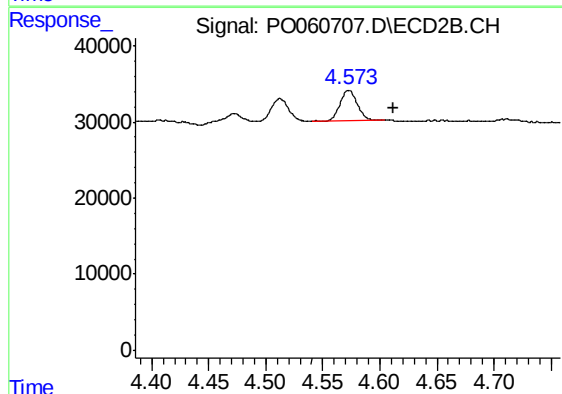
R.T.: 3.821 min
Delta R.T.: -0.008 min
Response: 8537
Conc: 28.54 ng/ml



#12 AR-1232-2

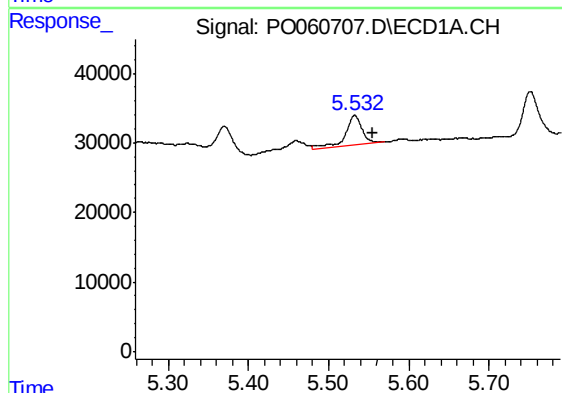
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



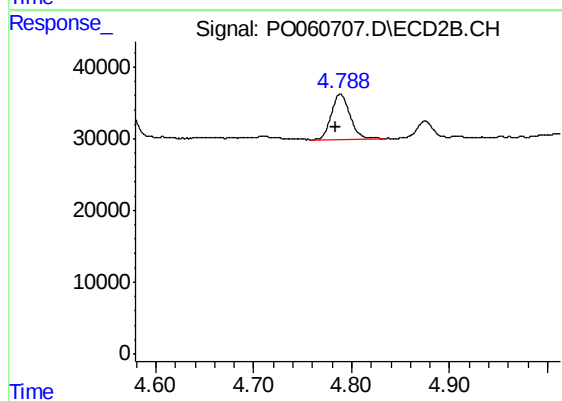
#12 AR-1232-2

R.T.: 4.573 min
Delta R.T.: -0.039 min
Response: 42996
Conc: 40.80 ng/ml



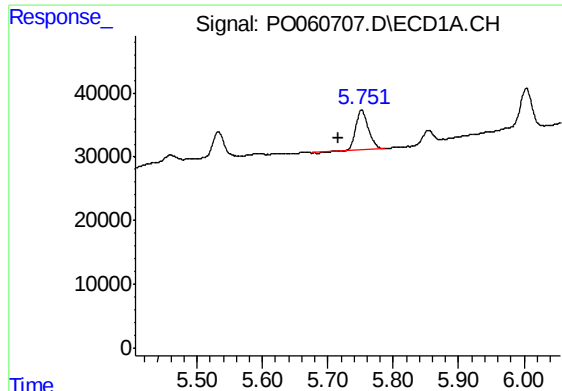
#13 AR-1232-3

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 63310
Conc: 45.15 ng/ml



#13 AR-1232-3

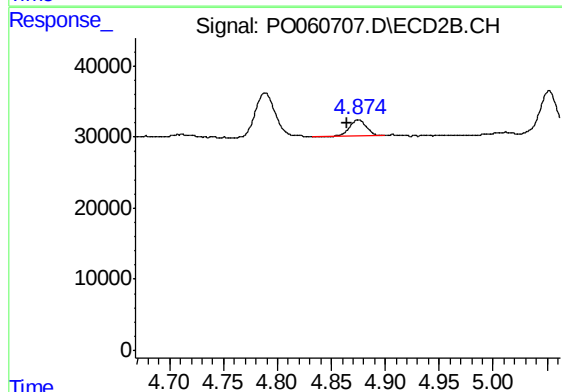
R.T.: 4.789 min
Delta R.T.: 0.006 min
Response: 83807
Conc: 147.99 ng/ml



#14 AR-1232-4

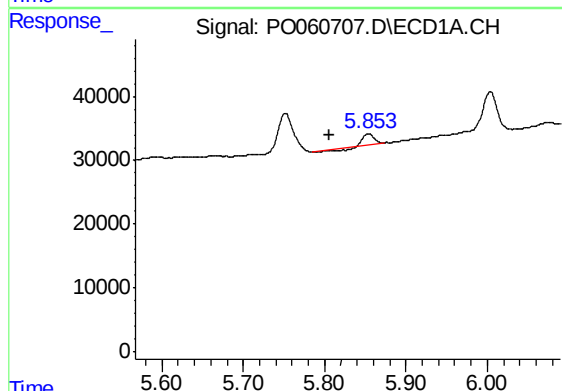
R.T.: 5.752 min
Delta R.T.: 0.036 min
Response: 81942
Conc: 112.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



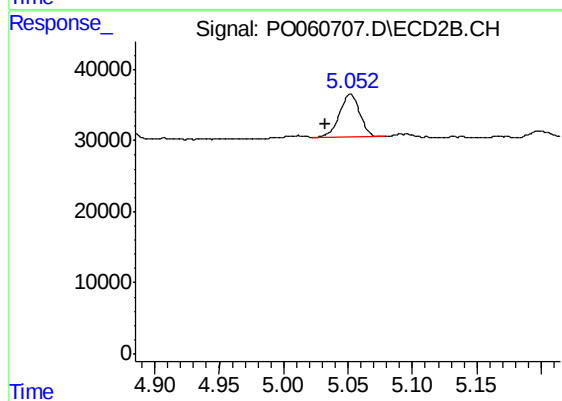
#14 AR-1232-4

R.T.: 4.875 min
Delta R.T.: 0.010 min
Response: 25772
Conc: 47.39 ng/ml



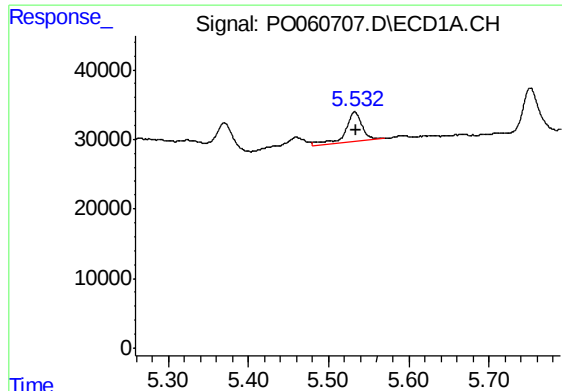
#15 AR-1232-5

R.T.: 5.854 min
Delta R.T.: 0.048 min
Response: 10475
Conc: 20.04 ng/ml



#15 AR-1232-5

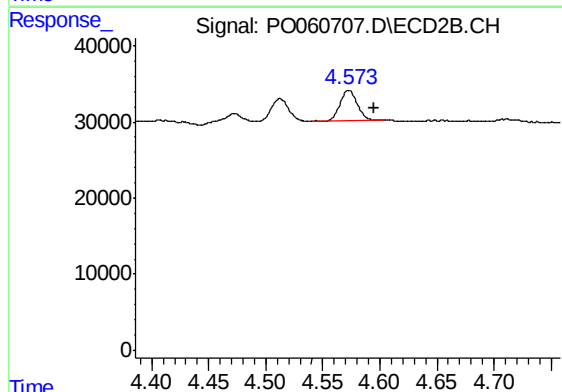
R.T.: 5.052 min
Delta R.T.: 0.020 min
Response: 68319
Conc: 114.51 ng/ml



#16 AR-1242-1

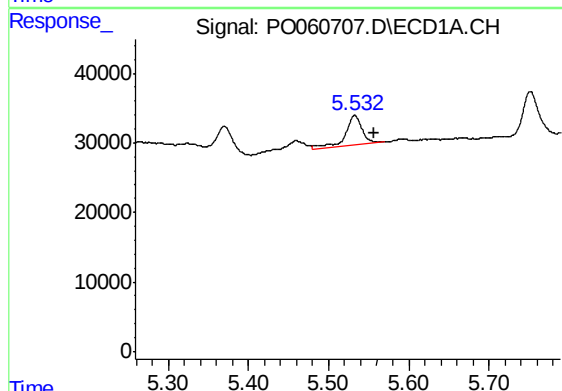
R.T.: 5.533 min
Delta R.T.: -0.002 min
Response: 63310
Conc: 52.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



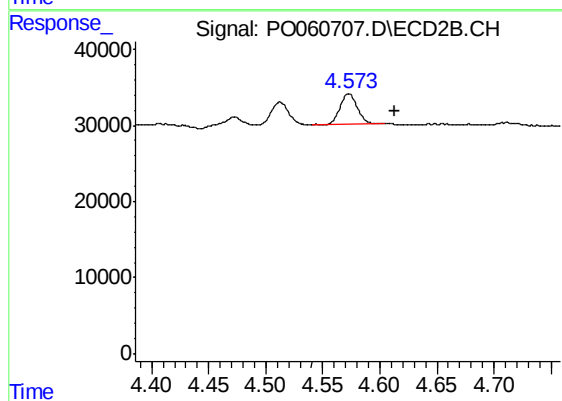
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: -0.022 min
Response: 42996
Conc: 46.77 ng/ml



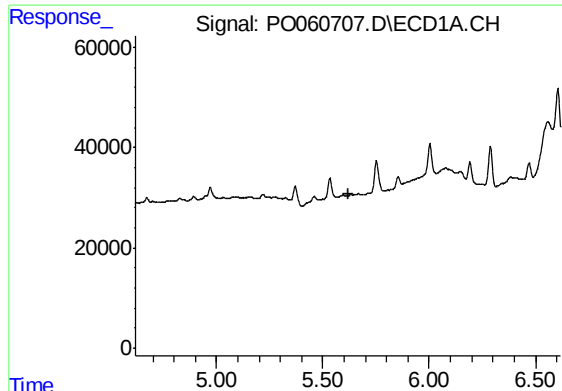
#17 AR-1242-2

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 63310
Conc: 36.61 ng/ml



#17 AR-1242-2

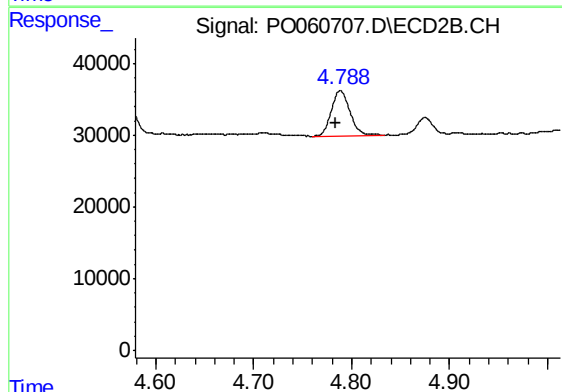
R.T.: 4.573 min
Delta R.T.: -0.040 min
Response: 42996
Conc: 33.52 ng/ml



#18 AR-1242-3

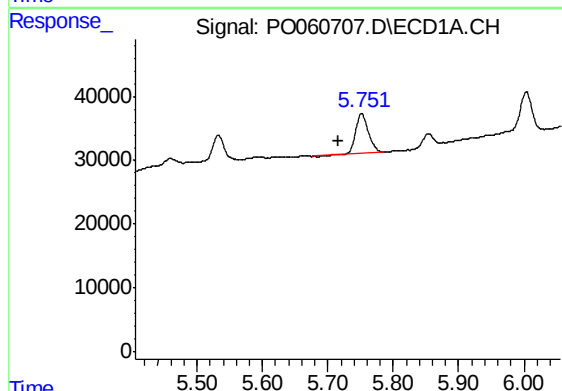
R.T.: 0.000 min
Exp R.T.: 5.618 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



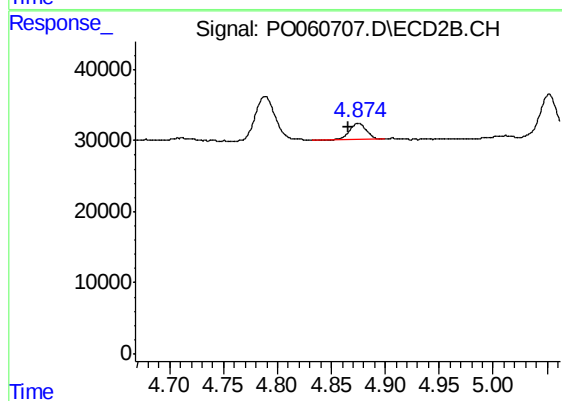
#18 AR-1242-3

R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 83807
Conc: 117.37 ng/ml



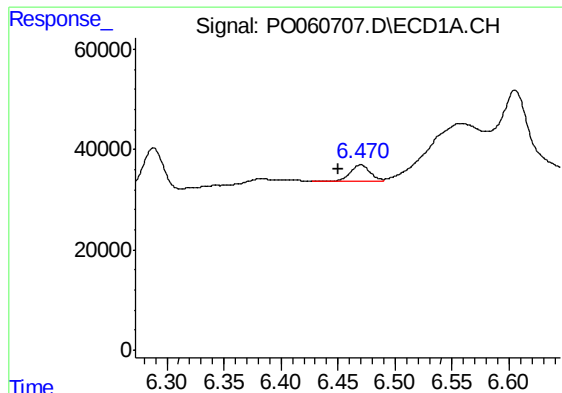
#19 AR-1242-4

R.T.: 5.752 min
Delta R.T.: 0.035 min
Response: 81942
Conc: 91.02 ng/ml



#19 AR-1242-4

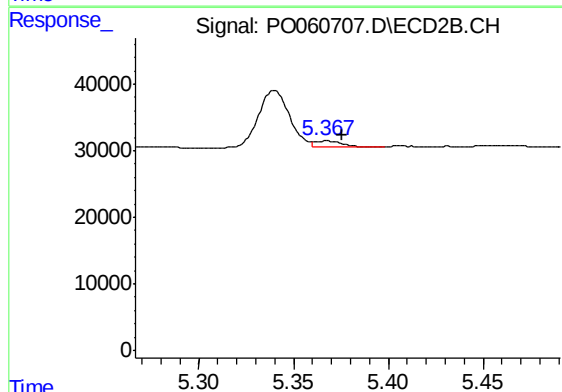
R.T.: 4.875 min
Delta R.T.: 0.009 min
Response: 25772
Conc: 34.37 ng/ml



#20 AR-1242-5

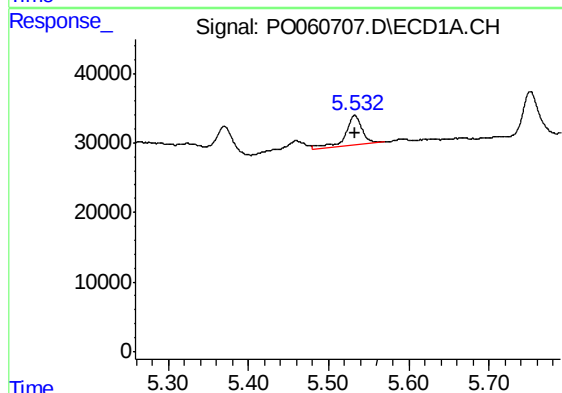
R.T.: 6.470 min
Delta R.T.: 0.020 min
Response: 39659
Conc: 36.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



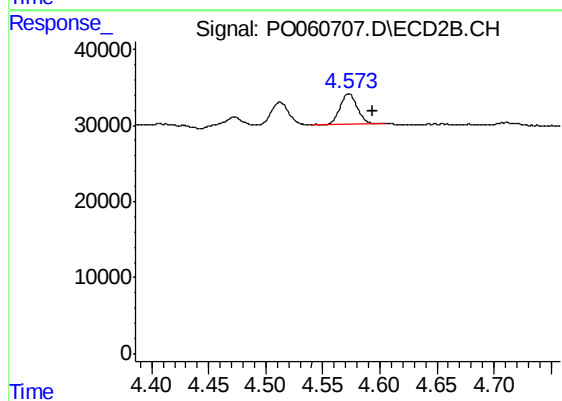
#20 AR-1242-5

R.T.: 5.367 min
Delta R.T.: -0.008 min
Response: 10210
Conc: 10.46 ng/ml



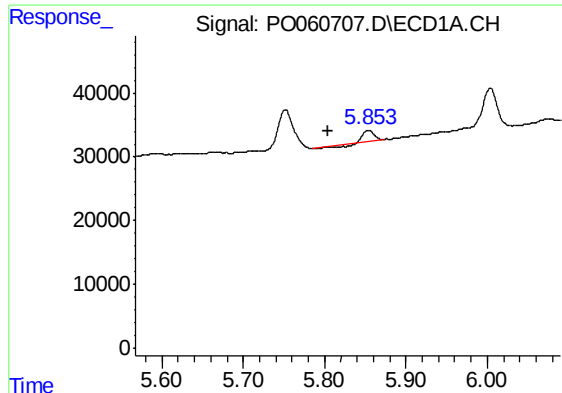
#21 AR-1248-1

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 63310
Conc: 68.99 ng/ml



#21 AR-1248-1

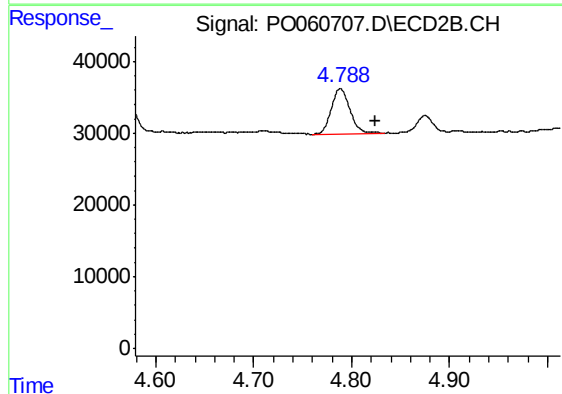
R.T.: 4.573 min
Delta R.T.: -0.020 min
Response: 42996
Conc: 59.48 ng/ml



#22 AR-1248-2

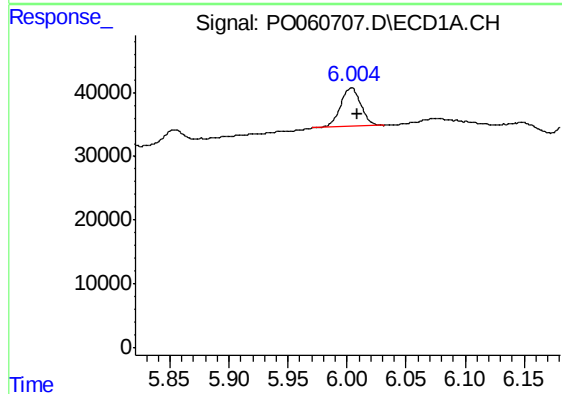
R.T.: 5.854 min
Delta R.T.: 0.049 min
Response: 10475
Conc: 7.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



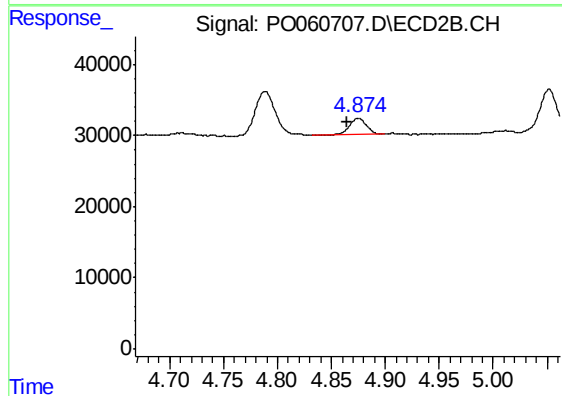
#22 AR-1248-2

R.T.: 4.789 min
Delta R.T.: -0.036 min
Response: 83807
Conc: 85.58 ng/ml



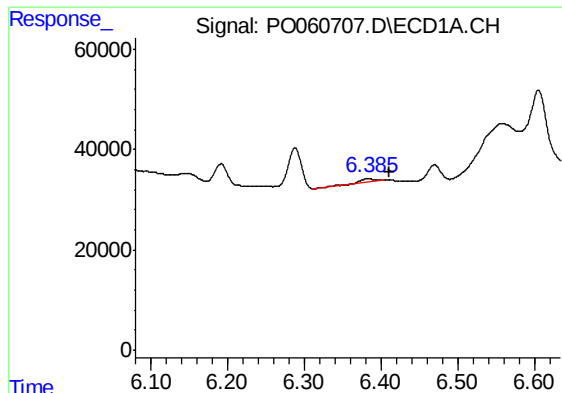
#23 AR-1248-3

R.T.: 6.004 min
Delta R.T.: -0.005 min
Response: 73556
Conc: 49.08 ng/ml



#23 AR-1248-3

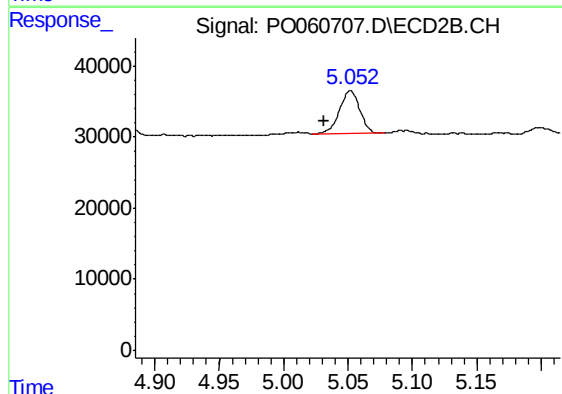
R.T.: 4.875 min
Delta R.T.: 0.010 min
Response: 25772
Conc: 25.25 ng/ml



#24 AR-1248-4

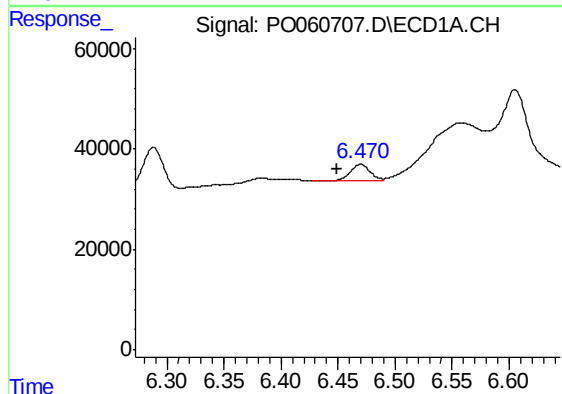
R.T.: 6.384 min
Delta R.T.: -0.026 min
Response: 8747
Conc: 4.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



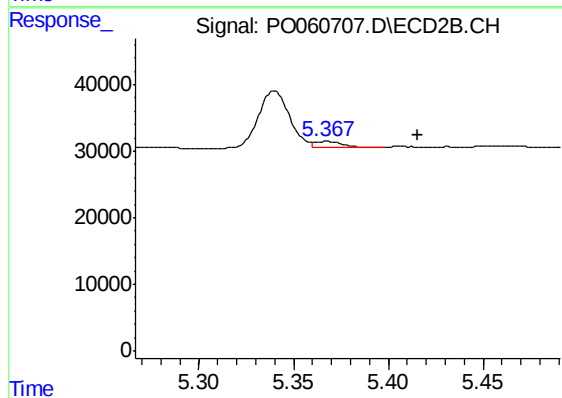
#24 AR-1248-4

R.T.: 5.052 min
Delta R.T.: 0.020 min
Response: 68319
Conc: 56.19 ng/ml



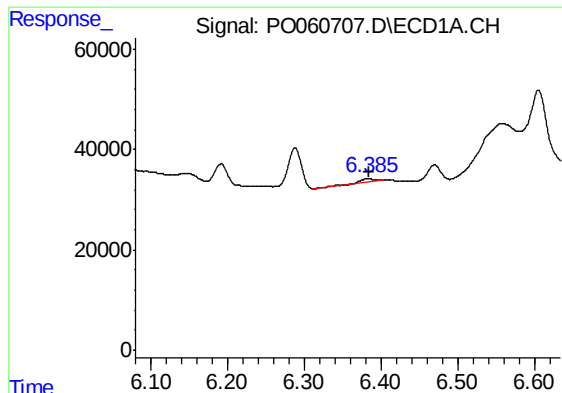
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: 0.020 min
Response: 39659
Conc: 23.71 ng/ml



#25 AR-1248-5

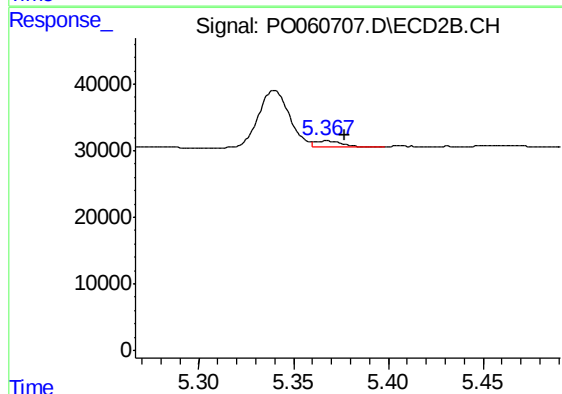
R.T.: 5.367 min
Delta R.T.: -0.048 min
Response: 10210
Conc: 8.39 ng/ml



#26 AR-1254-1

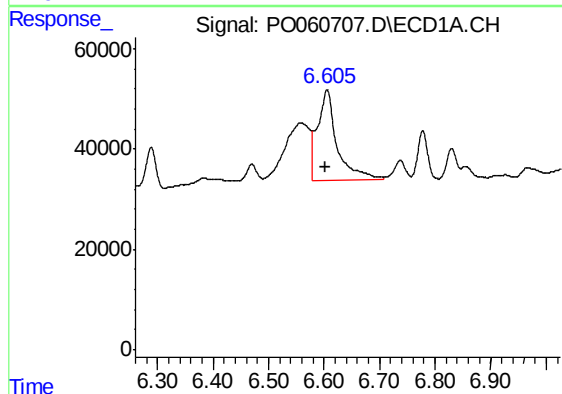
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 8747
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



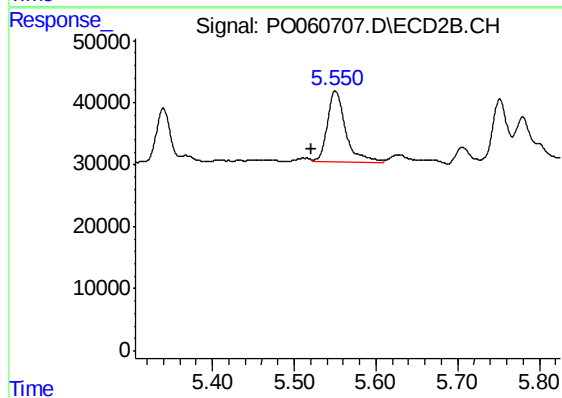
#26 AR-1254-1

R.T.: 5.367 min
Delta R.T.: -0.009 min
Response: 10210
Conc: 5.38 ng/ml



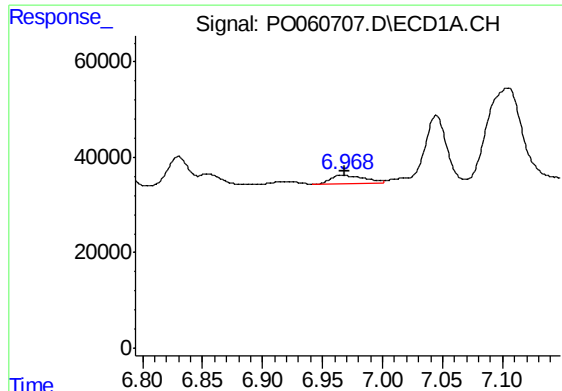
#27 AR-1254-2

R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 437325
Conc: 150.90 ng/ml



#27 AR-1254-2

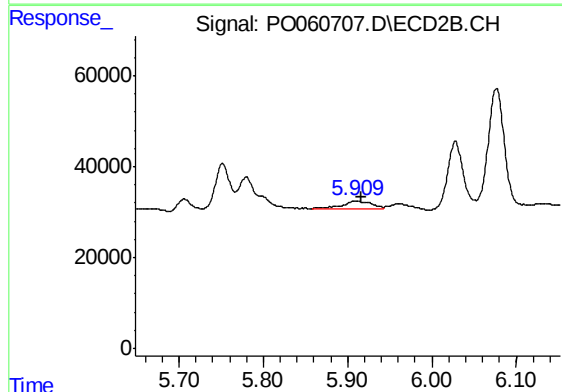
R.T.: 5.550 min
Delta R.T.: 0.029 min
Response: 180161
Conc: 105.42 ng/ml



#28 AR-1254-3

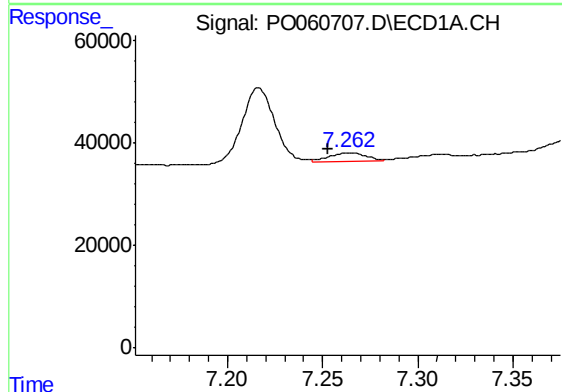
R.T.: 6.967 min
Delta R.T.: -0.001 min
Response: 35104
Conc: 11.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



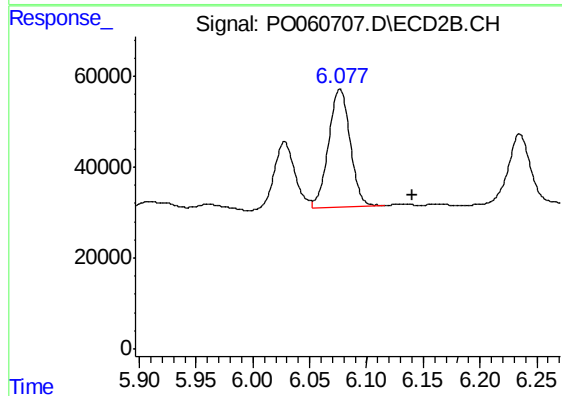
#28 AR-1254-3

R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 44511
Conc: 15.87 ng/ml



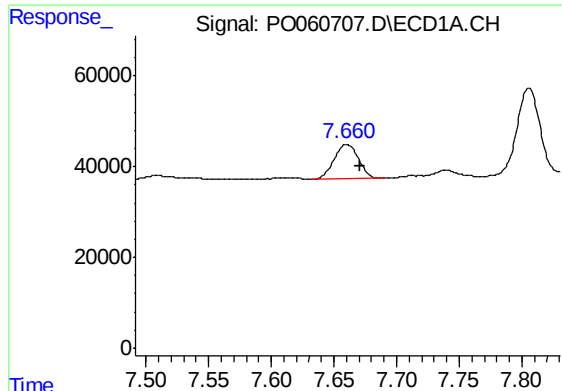
#29 AR-1254-4

R.T.: 7.263 min
Delta R.T.: 0.011 min
Response: 22890
Conc: 9.53 ng/ml



#29 AR-1254-4

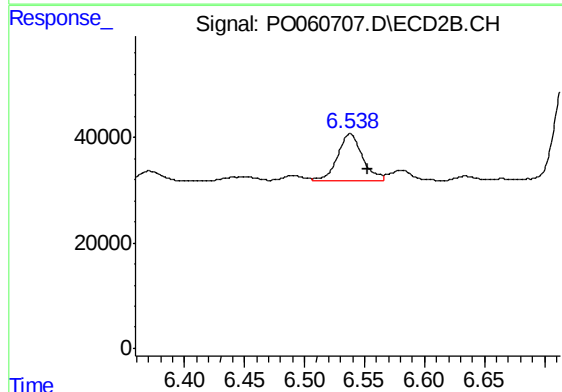
R.T.: 6.077 min
Delta R.T.: -0.064 min
Response: 345147
Conc: 193.19 ng/ml



#30 AR-1254-5

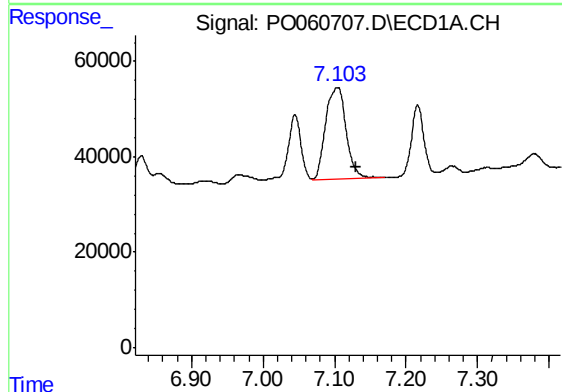
R.T.: 7.660 min
Delta R.T.: -0.011 min
Response: 102056
Conc: 37.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



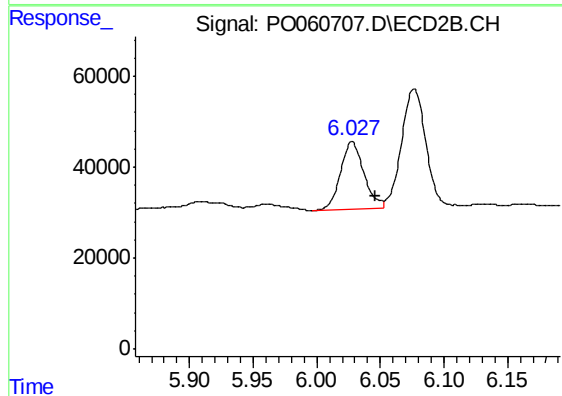
#30 AR-1254-5

R.T.: 6.538 min
Delta R.T.: -0.015 min
Response: 129083
Conc: 49.19 ng/ml



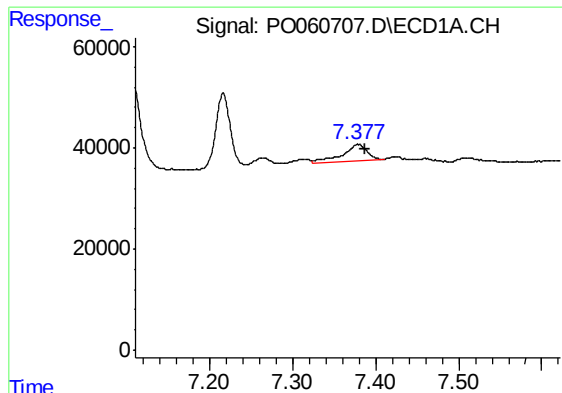
#31 AR-1260-1

R.T.: 7.104 min
Delta R.T.: -0.026 min
Response: 387183
Conc: 154.89 ng/ml



#31 AR-1260-1

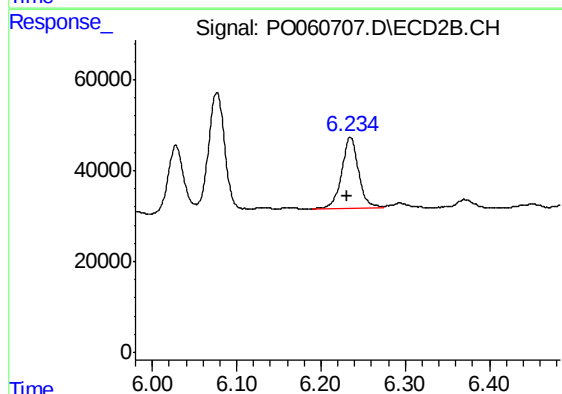
R.T.: 6.028 min
Delta R.T.: -0.018 min
Response: 189747
Conc: 92.27 ng/ml



#32 AR-1260-2

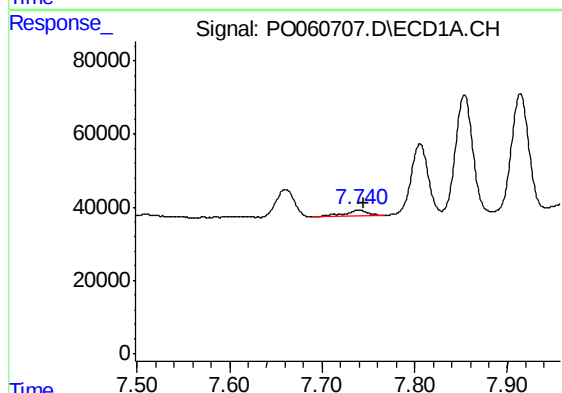
R.T.: 7.379 min
Delta R.T.: -0.009 min
Response: 67826
Conc: 21.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



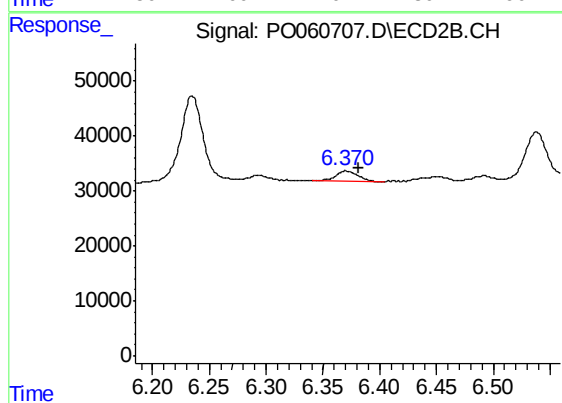
#32 AR-1260-2

R.T.: 6.235 min
Delta R.T.: 0.004 min
Response: 222984
Conc: 89.06 ng/ml



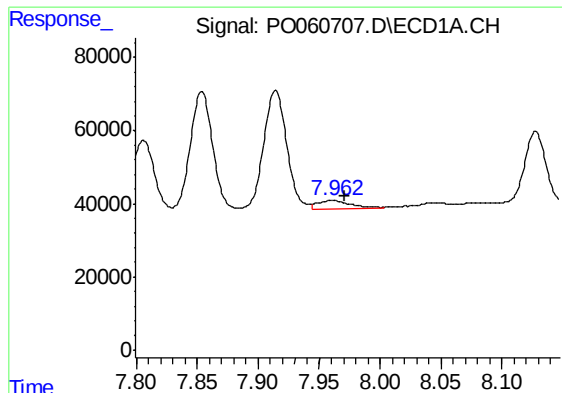
#33 AR-1260-3

R.T.: 7.740 min
Delta R.T.: -0.006 min
Response: 26308
Conc: 10.52 ng/ml



#33 AR-1260-3

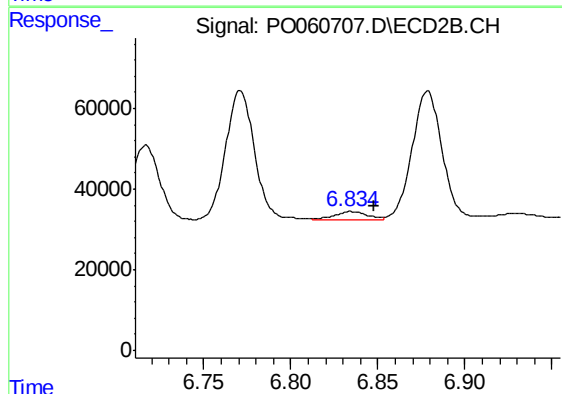
R.T.: 6.370 min
Delta R.T.: -0.011 min
Response: 24338
Conc: 10.48 ng/ml



#34 AR-1260-4

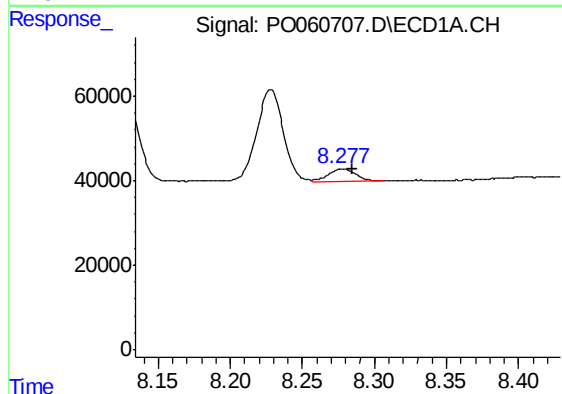
R.T.: 7.962 min
Delta R.T.: -0.009 min
Response: 45969
Conc: 15.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



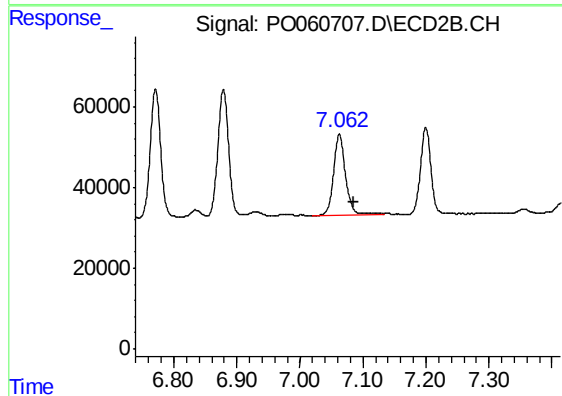
#34 AR-1260-4

R.T.: 6.835 min
Delta R.T.: -0.014 min
Response: 26778
Conc: 13.18 ng/ml



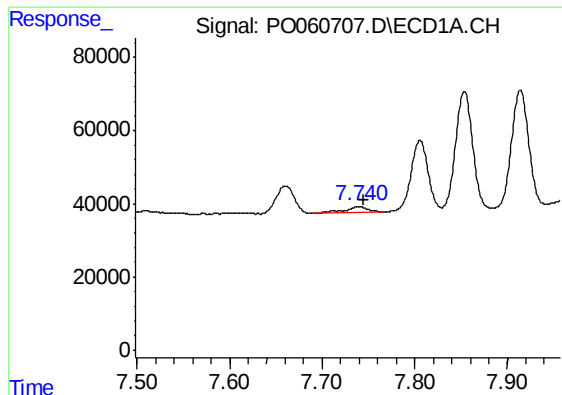
#35 AR-1260-5

R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 39872
Conc: 7.10 ng/ml



#35 AR-1260-5

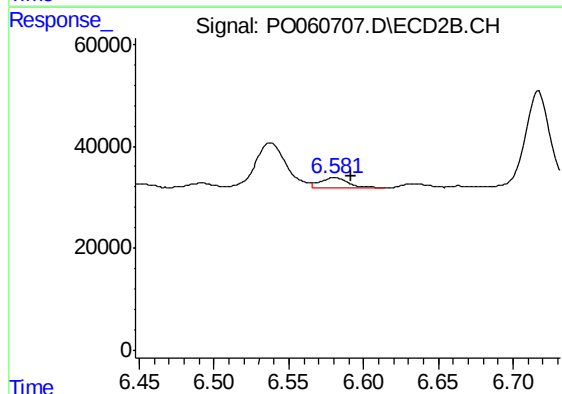
R.T.: 7.063 min
Delta R.T.: -0.024 min
Response: 265628
Conc: 57.99 ng/ml



#36 AR-1262-1

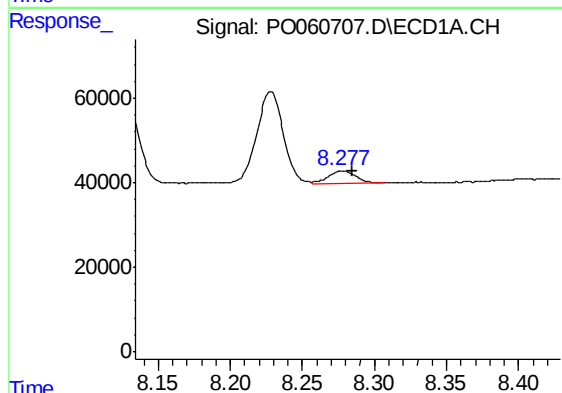
R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 26308
Conc: 7.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



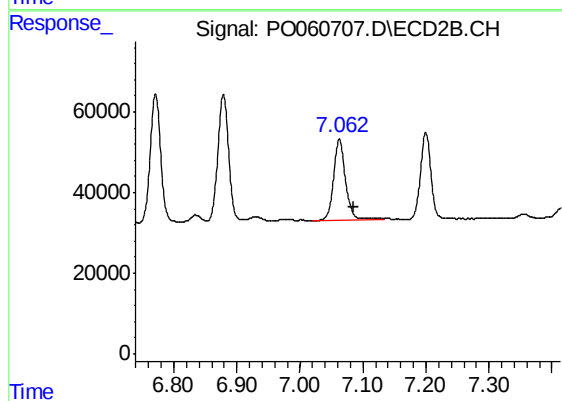
#36 AR-1262-1

R.T.: 6.580 min
Delta R.T.: -0.011 min
Response: 26020
Conc: 9.79 ng/ml



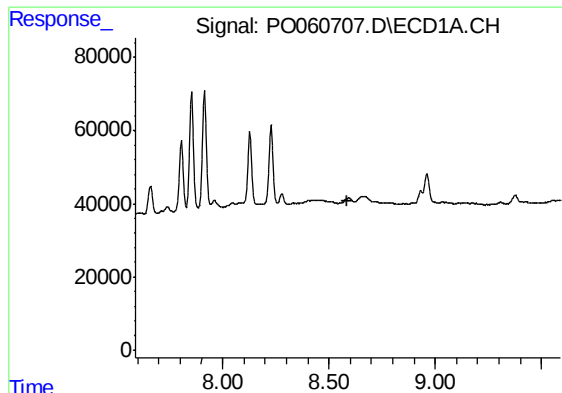
#37 AR-1262-2

R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 39872
Conc: 6.81 ng/ml



#37 AR-1262-2

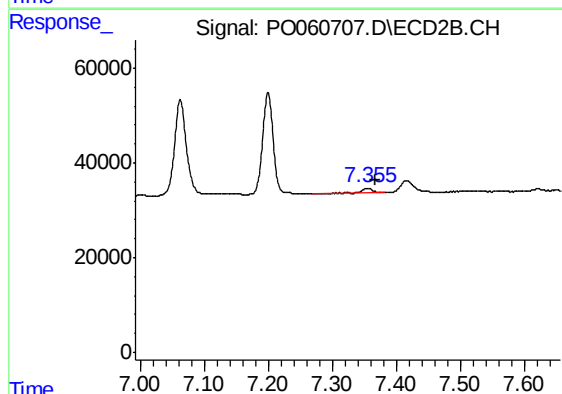
R.T.: 7.063 min
Delta R.T.: -0.023 min
Response: 265628
Conc: 58.51 ng/ml



#38 AR-1262-3

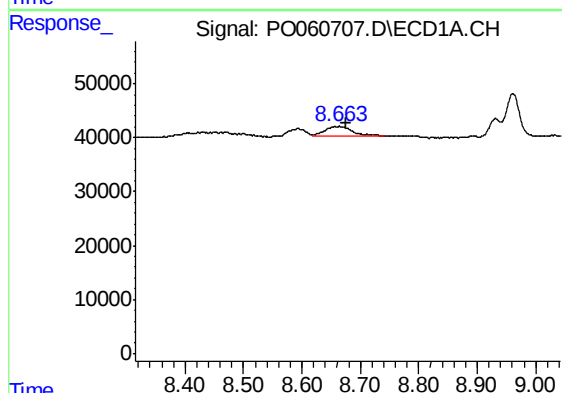
R.T.: 0.000 min
Exp R.T.: 8.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



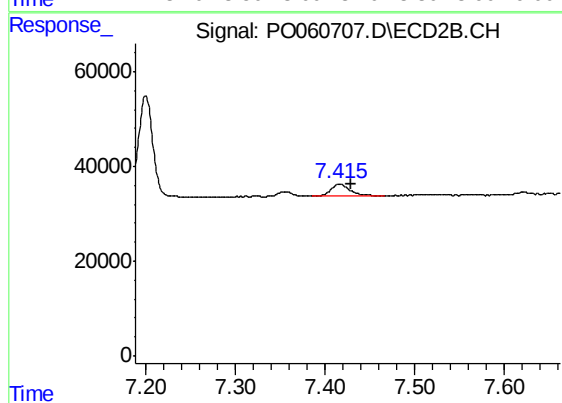
#38 AR-1262-3

R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 14176
Conc: 7.48 ng/ml



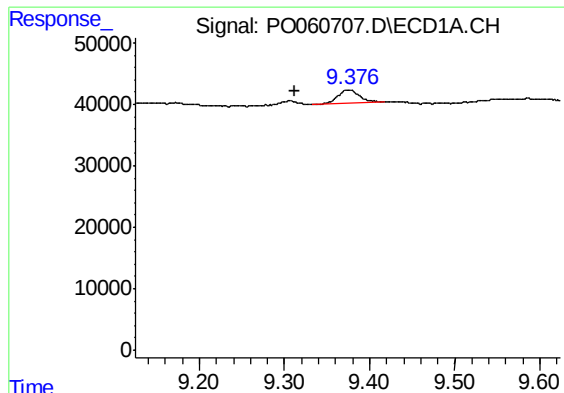
#39 AR-1262-4

R.T.: 8.663 min
Delta R.T.: -0.012 min
Response: 59366
Conc: 19.55 ng/ml



#39 AR-1262-4

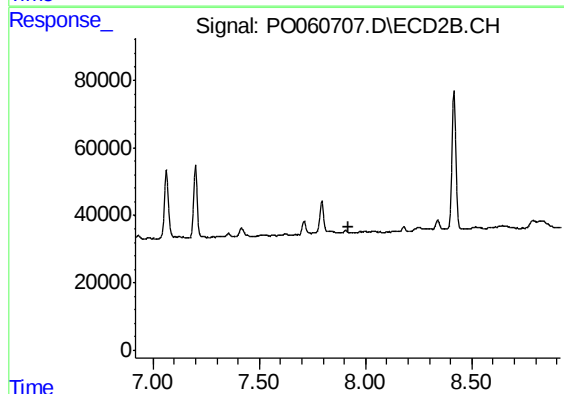
R.T.: 7.416 min
Delta R.T.: -0.013 min
Response: 37371
Conc: 10.90 ng/ml



#40 AR-1262-5

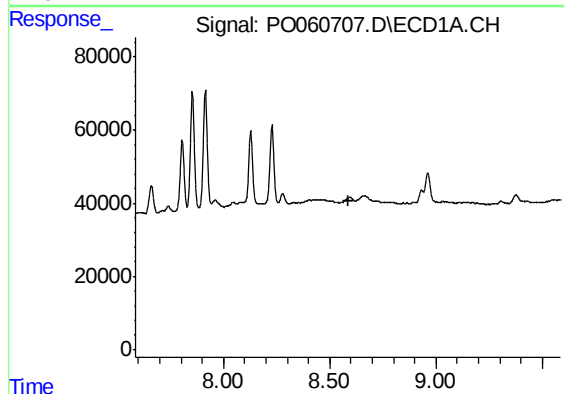
R.T.: 9.375 min
Delta R.T.: 0.063 min
Response: 39402
Conc: 19.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



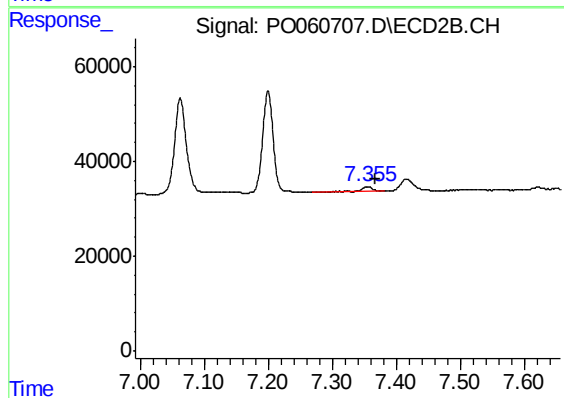
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.917 min
Response: 0
Conc: N.D.



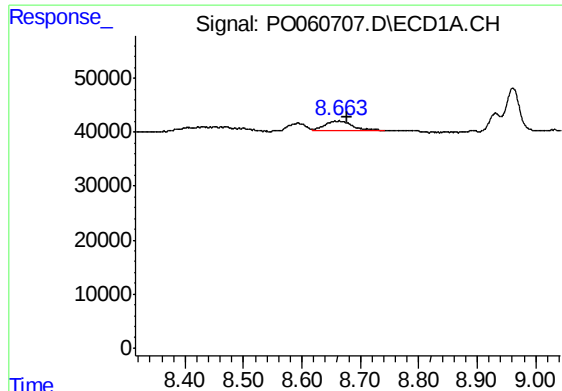
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.585 min
Response: 0
Conc: N.D.



#41 AR-1268-1

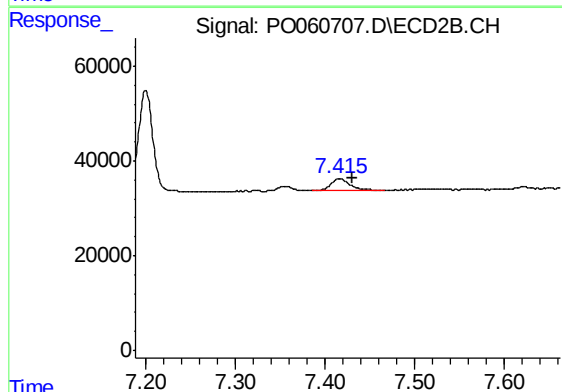
R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 14176
Conc: 2.79 ng/ml



#42 AR-1268-2

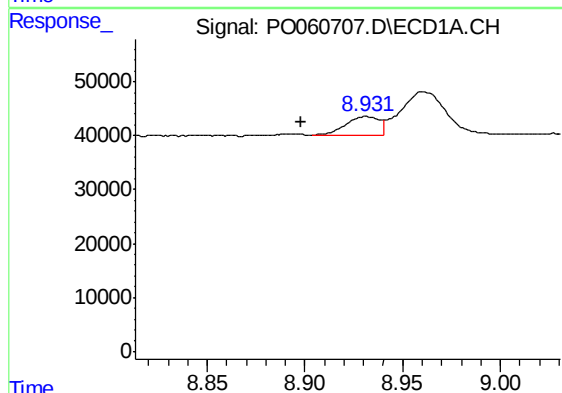
R.T.: 8.663 min
Delta R.T.: -0.014 min
Response: 59366
Conc: 9.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



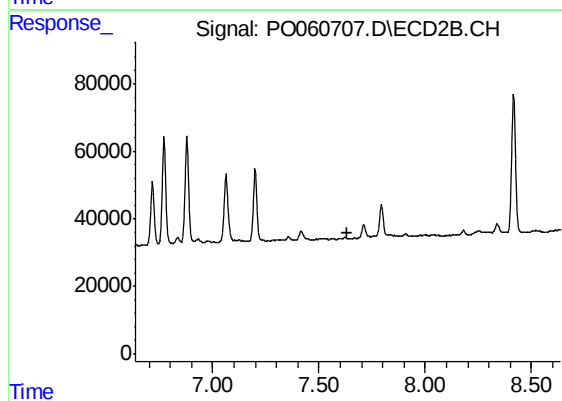
#42 AR-1268-2

R.T.: 7.416 min
Delta R.T.: -0.014 min
Response: 37371
Conc: 8.05 ng/ml



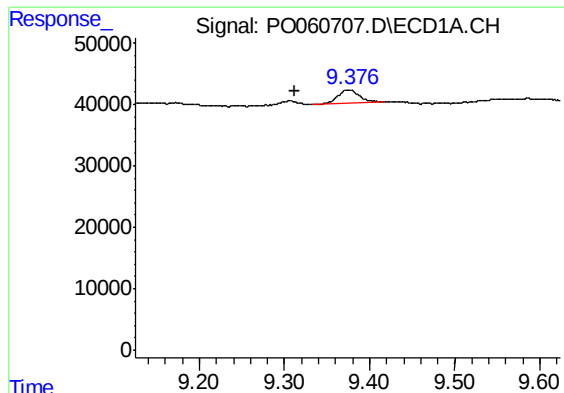
#43 AR-1268-3

R.T.: 8.931 min
Delta R.T.: 0.033 min
Response: 40965
Conc: 7.73 ng/ml



#43 AR-1268-3

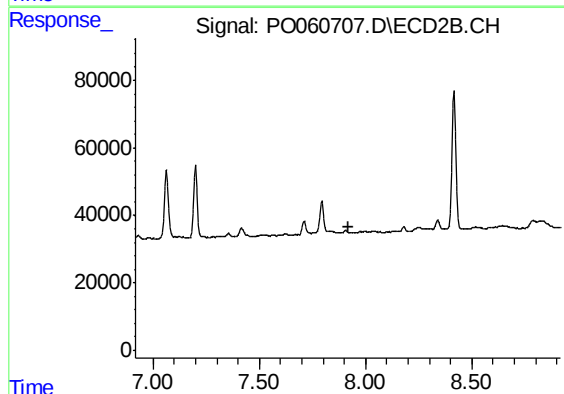
R.T.: 0.000 min
Exp R.T. : 7.636 min
Response: 0
Conc: N.D.



#44 AR-1268-4

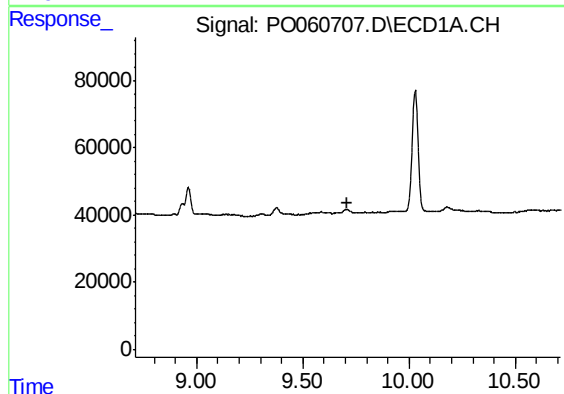
R.T.: 9.375 min
Delta R.T.: 0.063 min
Response: 39402
Conc: 17.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
GIS-1(0.-2)



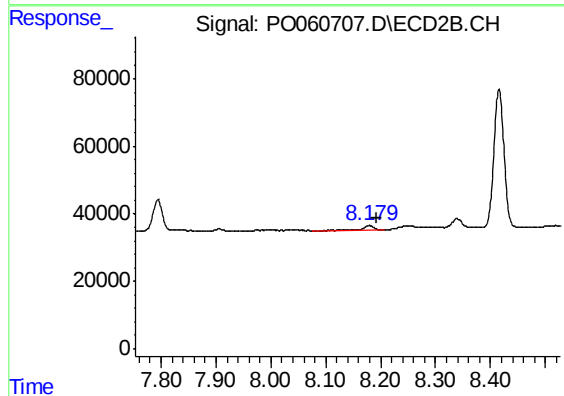
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.917 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.712 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: -0.013 min
Response: 17363
Conc: 1.55 ng/ml