

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073119\
 Data File : P0058595.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jul 2019 9:33
 Operator : SM/AJ
 Sample : K4046-04RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S2-01-BRE

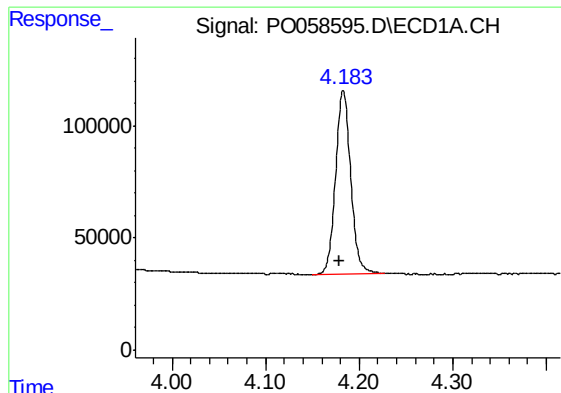
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 12:15:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.183	3.523	915376	785582	21.690	19.664
2)	SA Decachlor...	9.671	8.414	2990544	2366933	55.221	59.963
Target Compounds							
5)	L1 AR-1016-3	0.000	4.813	0	209932	N.D.	184.843 #
6)	L1 AR-1016-4	0.000	4.813	0	209932	N.D.	222.549 #
7)	L1 AR-1016-5	5.805	5.022	166057	127900	115.926	103.862
13)	L3 AR-1232-3	0.000	4.813	0	209932	N.D.	477.352 #
14)	L3 AR-1232-4	0.000	4.852	0	60248	N.D.	152.423 #
15)	L3 AR-1232-5	5.604	5.022	278338	127900	682.095	290.516 #
18)	L4 AR-1242-3	0.000	4.813	0	209932	N.D.	257.779 #
19)	L4 AR-1242-4	0.000	4.852	0	60248	N.D.	74.470 #
20)	L4 AR-1242-5	6.244	5.367	350462	1032027	298.374	962.096 #
22)	L5 AR-1248-2	5.604	4.813	278338	209932	192.542	189.469
23)	L5 AR-1248-3	5.805	4.852	166057	60248	101.093	52.935 #
24)	L5 AR-1248-4	6.204	5.022	474147	127900	234.118	91.554 #
25)	L5 AR-1248-5	6.244	5.407	350462	108410	181.554	78.260 #
26)	L6 AR-1254-1	6.175	5.367	1063132	1032027	450.234	398.383
27)	L6 AR-1254-2	6.391	5.512	2272088	1386193	589.548	605.475
28)	L6 AR-1254-3	6.755	5.909	3208376	2596569	792.263	705.712
29)	L6 AR-1254-4	7.037	6.136	2634925	1586374	731.793	682.249
30)	L6 AR-1254-5	7.450	6.546	3300754	6610023	910.613	1916.196 #
31)	L7 AR-1260-1	6.913	6.035	1439310	1327613	499.909	557.809
32)	L7 AR-1260-2	7.169	6.224	3110652	1343966	747.743	443.655 #
33)	L7 AR-1260-3	7.520	6.372	1173314	1434053	315.071	531.162 #
34)	L7 AR-1260-4	7.756	6.830	3029380	1243258	888.961	550.229 #
35)	L7 AR-1260-5	8.051	7.079	943020	706651	128.219	131.217
36)	L8 AR-1262-1	7.520	6.574	1173314	1308160	232.787	366.253 #
37)	L8 AR-1262-2	8.051	7.079	943020	706651	118.483	125.160
38)	L8 AR-1262-3	8.331	7.356	6453186	4630607	1269.458	1876.215 #
39)	L8 AR-1262-4	8.418	7.422	4132940	3696398	1090.606	870.523
40)	L8 AR-1262-5	9.015	7.913	930700	754901	405.084	443.957
41)	L9 AR-1268-1	8.331	7.356	6453186	4630607	577.748	568.519
42)	L9 AR-1268-2	8.418	7.422	4132940	3696398	439.997	487.836
43)	L9 AR-1268-3	8.618	7.619	6266880	5111158	758.785	799.626
44)	L9 AR-1268-4	9.015	7.913	930700	754901	311.345	325.294
45)	L9 AR-1268-5	9.379	8.184	14634169	12570013	681.630	733.461

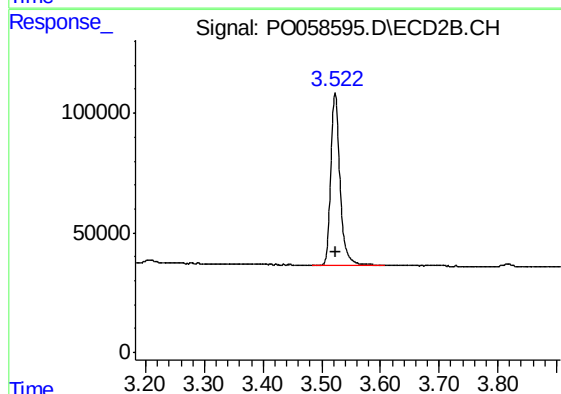
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

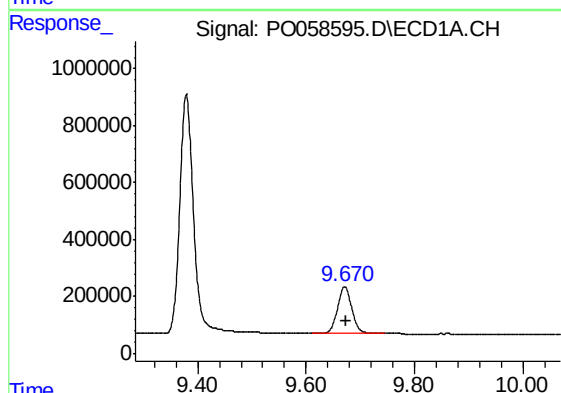
R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 915376
Conc: 21.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



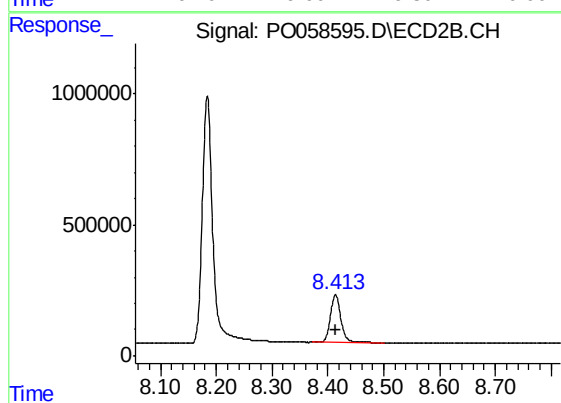
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 785582
Conc: 19.66 ng/ml



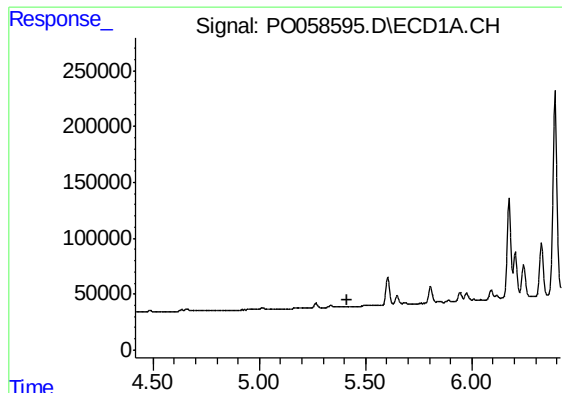
#2 Decachlorobiphenyl

R.T.: 9.671 min
Delta R.T.: -0.002 min
Response: 2990544
Conc: 55.22 ng/ml



#2 Decachlorobiphenyl

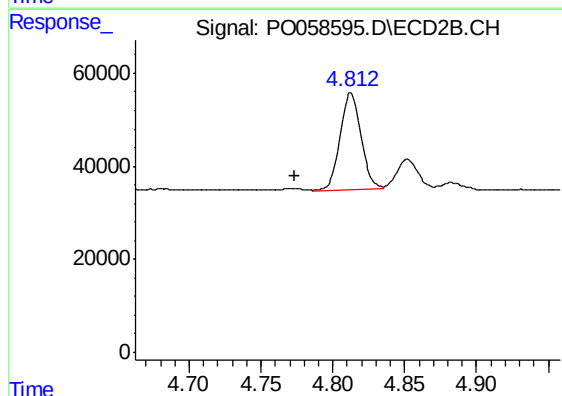
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 2366933
Conc: 59.96 ng/ml



#5 AR-1016-3

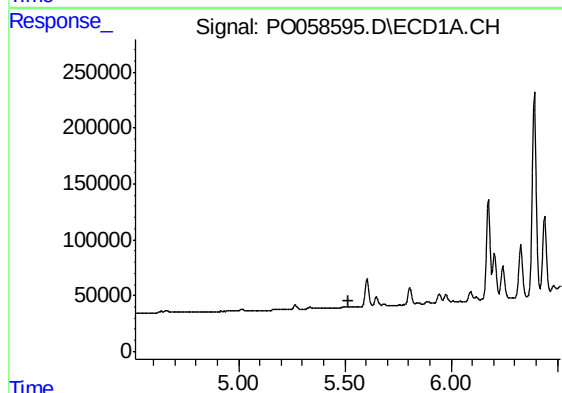
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



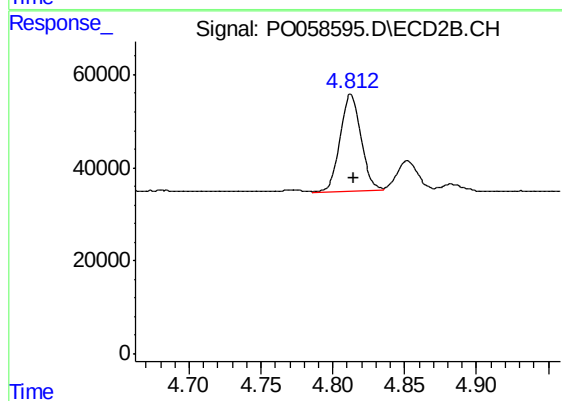
#5 AR-1016-3

R.T.: 4.813 min
Delta R.T.: 0.039 min
Response: 209932
Conc: 184.84 ng/ml



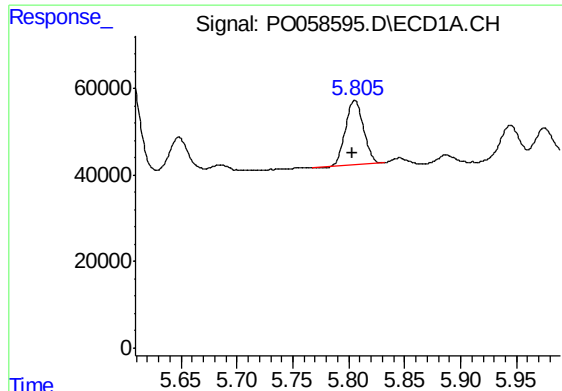
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.



#6 AR-1016-4

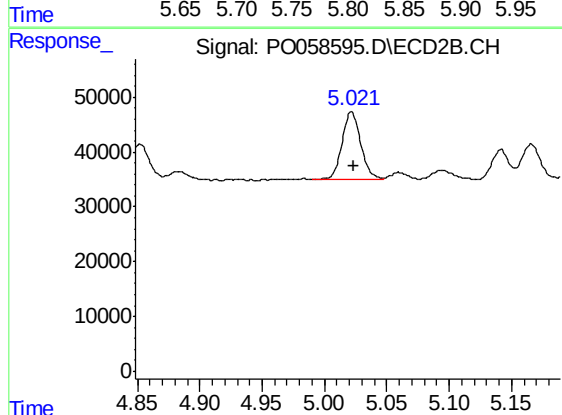
R.T.: 4.813 min
Delta R.T.: -0.002 min
Response: 209932
Conc: 222.55 ng/ml



#7 AR-1016-5

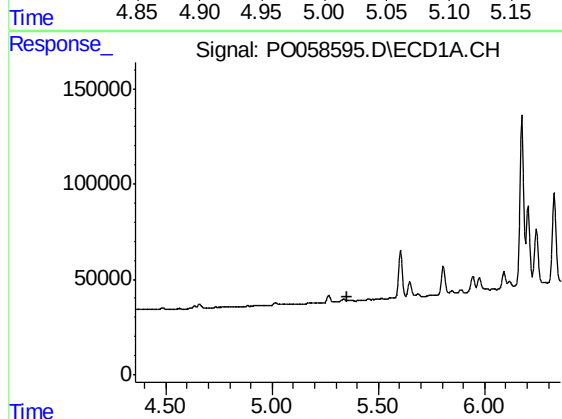
R.T.: 5.805 min
Delta R.T.: 0.002 min
Response: 166057
Conc: 115.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



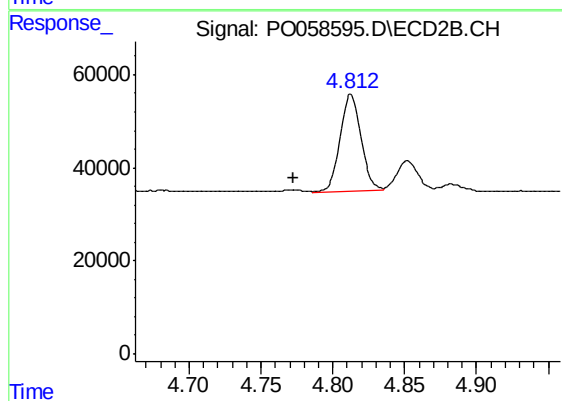
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 127900
Conc: 103.86 ng/ml



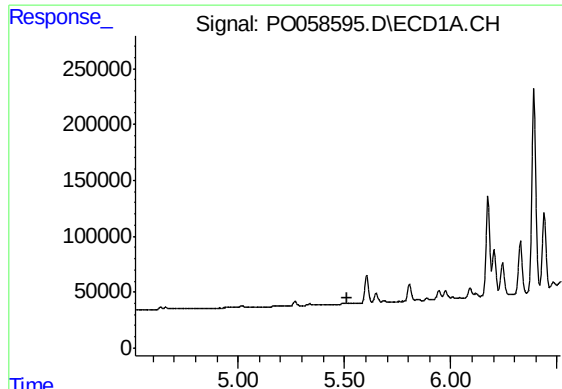
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



#13 AR-1232-3

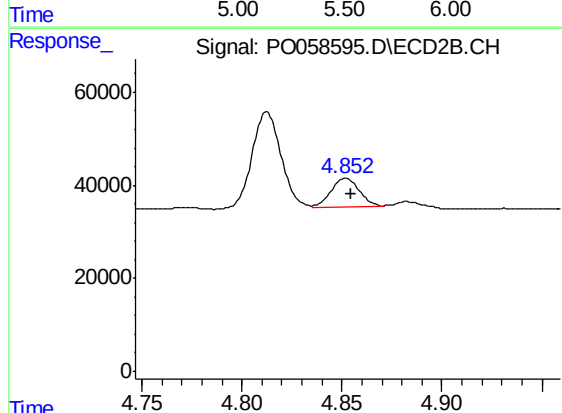
R.T.: 4.813 min
Delta R.T.: 0.040 min
Response: 209932
Conc: 477.35 ng/ml



#14 AR-1232-4

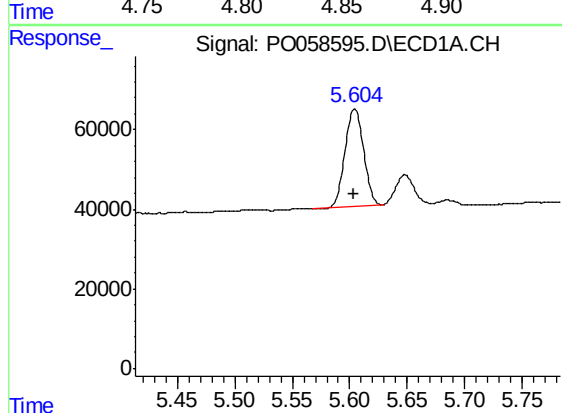
R.T.: 0.000 min
Exp R.T.: 5.516 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



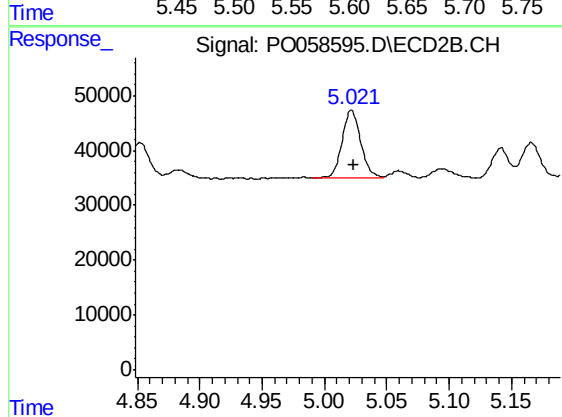
#14 AR-1232-4

R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 60248
Conc: 152.42 ng/ml



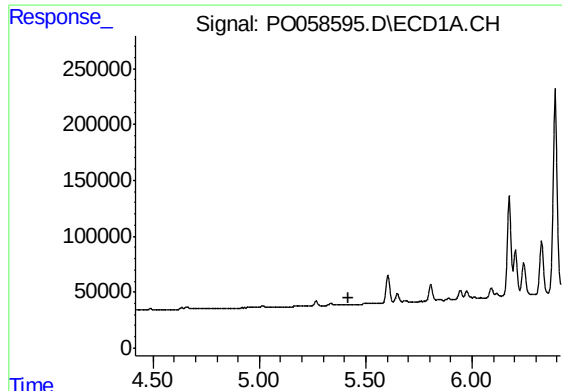
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 278338
Conc: 682.10 ng/ml



#15 AR-1232-5

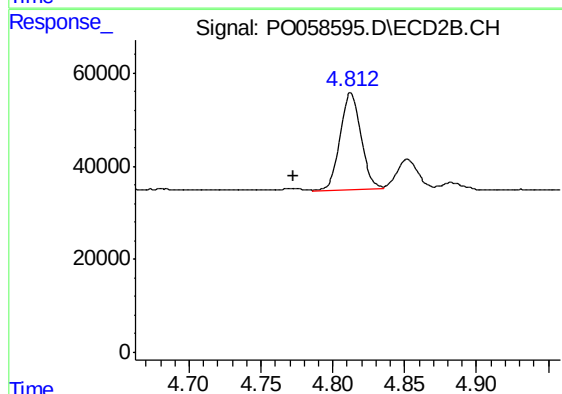
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 127900
Conc: 290.52 ng/ml



#18 AR-1242-3

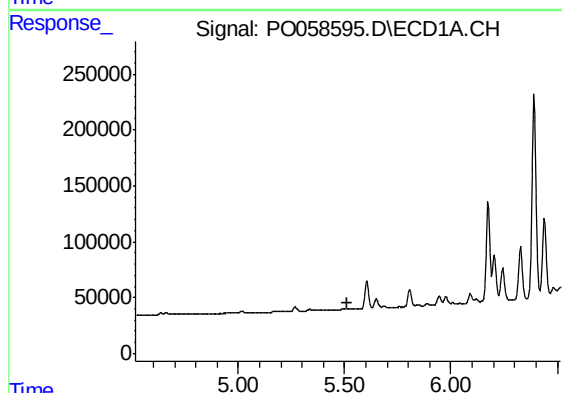
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



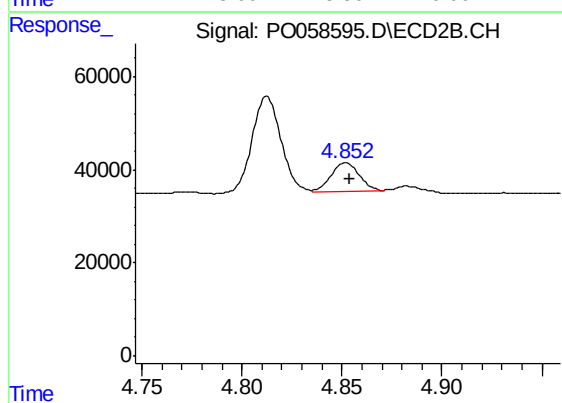
#18 AR-1242-3

R.T.: 4.813 min
Delta R.T.: 0.040 min
Response: 209932
Conc: 257.78 ng/ml



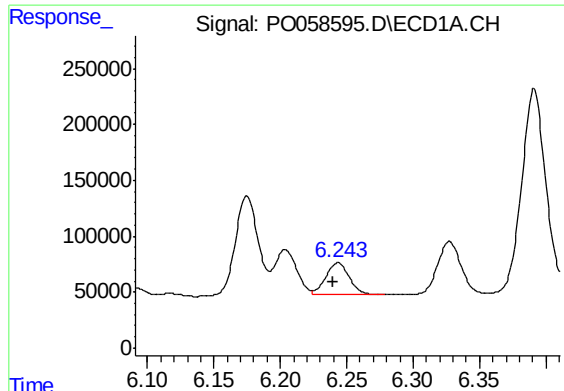
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.



#19 AR-1242-4

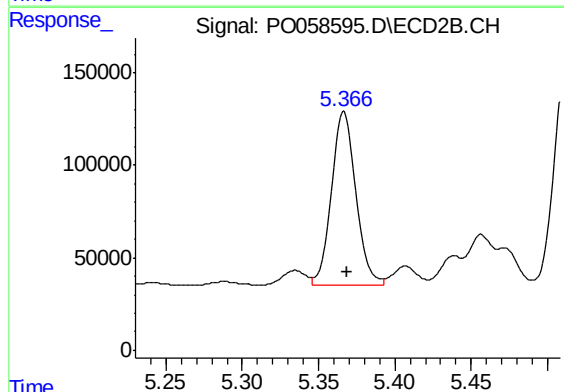
R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 60248
Conc: 74.47 ng/ml



#20 AR-1242-5

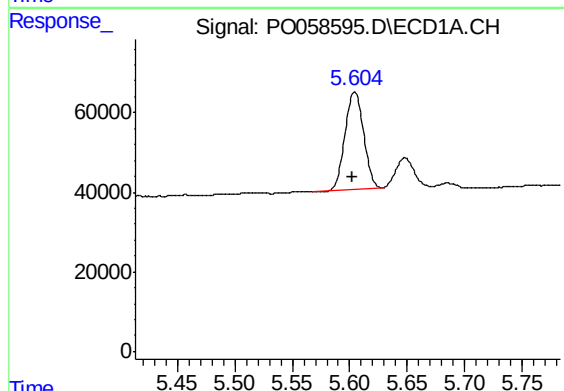
R.T.: 6.244 min
Delta R.T.: 0.004 min
Response: 350462
Conc: 298.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



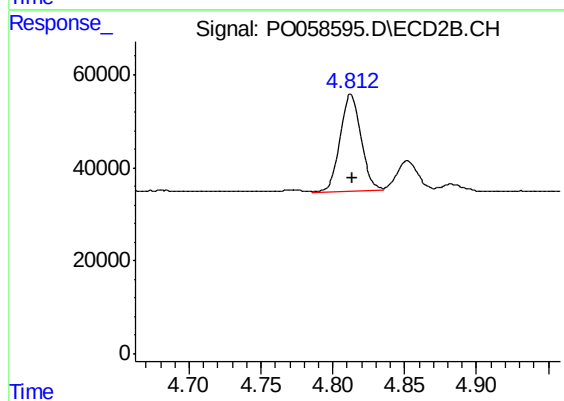
#20 AR-1242-5

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1032027
Conc: 962.10 ng/ml



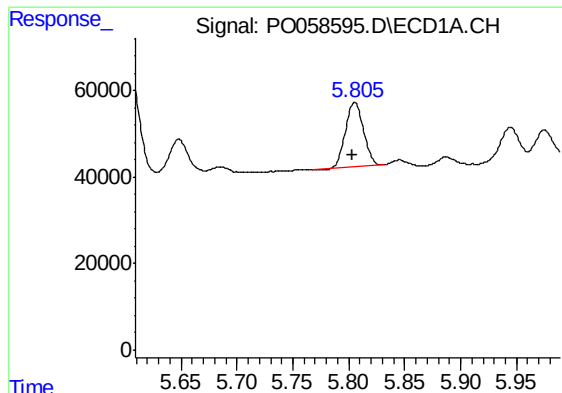
#22 AR-1248-2

R.T.: 5.604 min
Delta R.T.: 0.002 min
Response: 278338
Conc: 192.54 ng/ml



#22 AR-1248-2

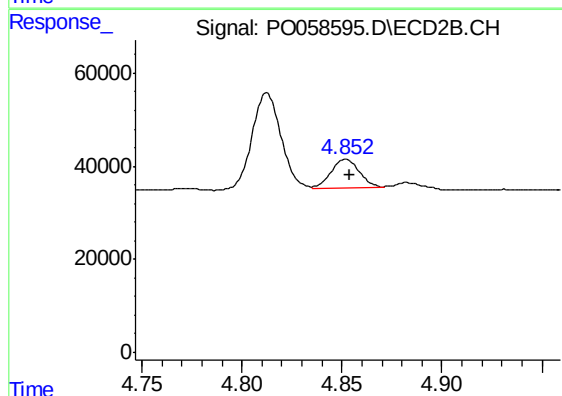
R.T.: 4.813 min
Delta R.T.: -0.001 min
Response: 209932
Conc: 189.47 ng/ml



#23 AR-1248-3

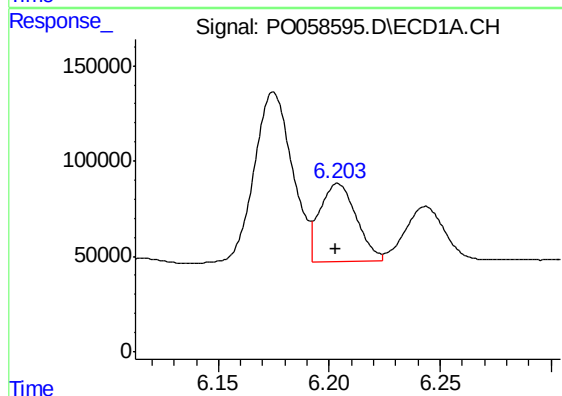
R.T.: 5.805 min
Delta R.T.: 0.002 min
Response: 166057
Conc: 101.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



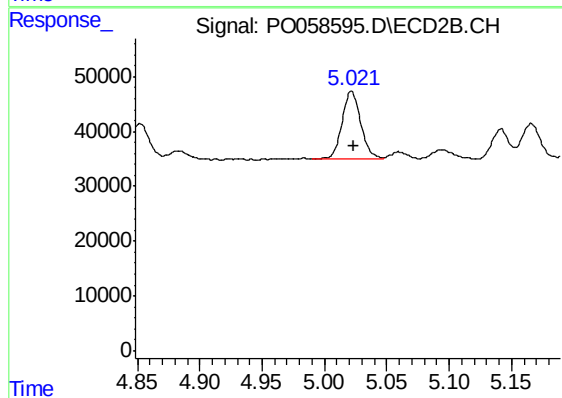
#23 AR-1248-3

R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 60248
Conc: 52.93 ng/ml



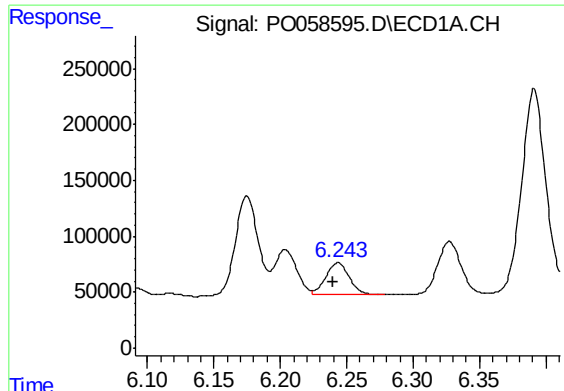
#24 AR-1248-4

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 474147
Conc: 234.12 ng/ml



#24 AR-1248-4

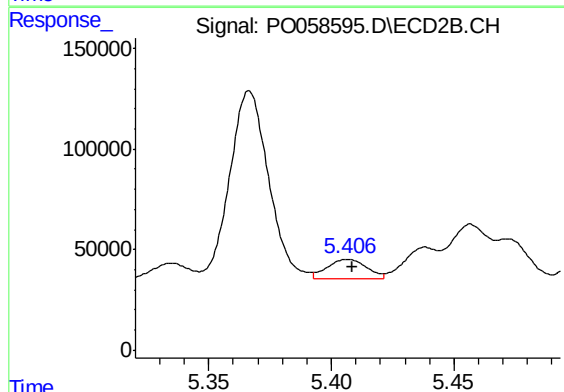
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 127900
Conc: 91.55 ng/ml



#25 AR-1248-5

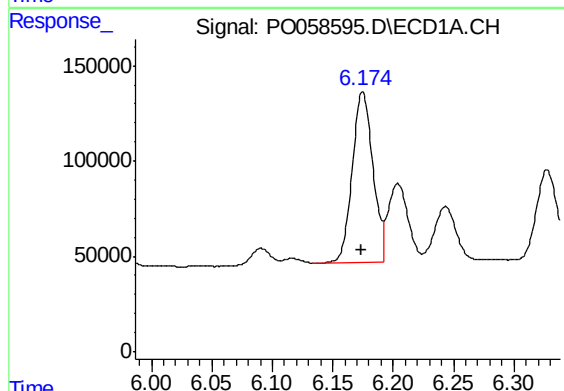
R.T.: 6.244 min
Delta R.T.: 0.004 min
Response: 350462
Conc: 181.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



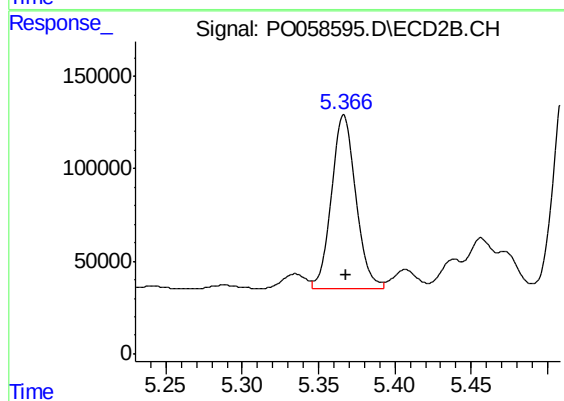
#25 AR-1248-5

R.T.: 5.407 min
Delta R.T.: -0.002 min
Response: 108410
Conc: 78.26 ng/ml



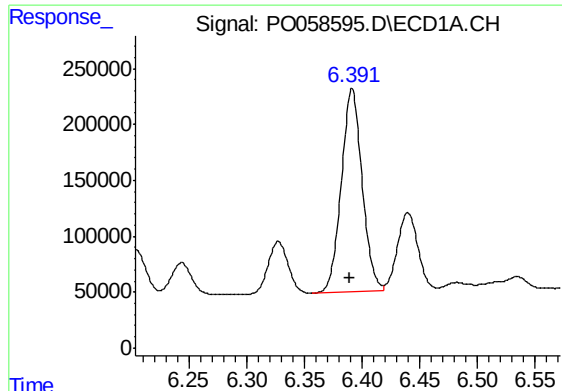
#26 AR-1254-1

R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 1063132
Conc: 450.23 ng/ml



#26 AR-1254-1

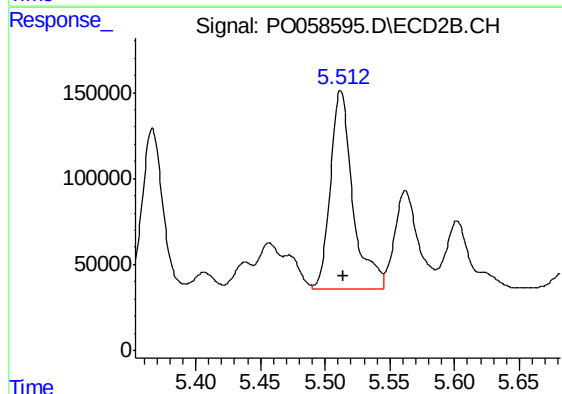
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1032027
Conc: 398.38 ng/ml



#27 AR-1254-2

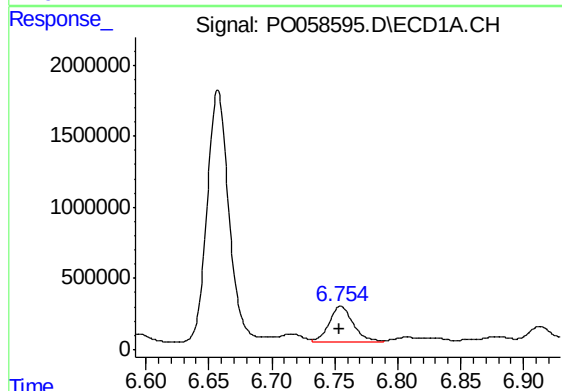
R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 2272088
Conc: 589.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



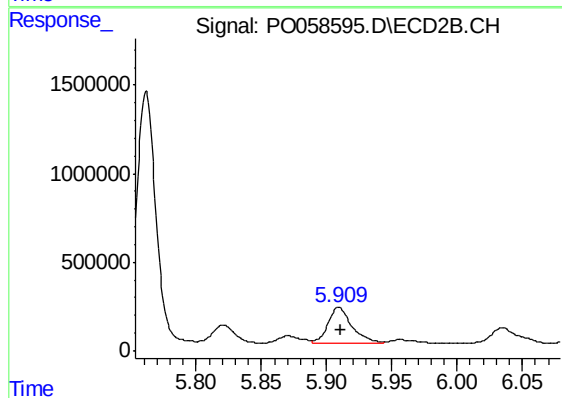
#27 AR-1254-2

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 1386193
Conc: 605.48 ng/ml



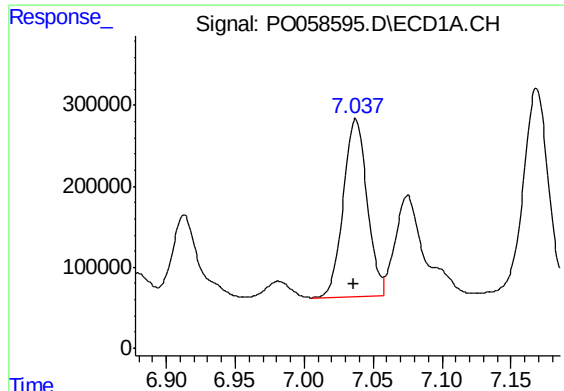
#28 AR-1254-3

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 3208376
Conc: 792.26 ng/ml



#28 AR-1254-3

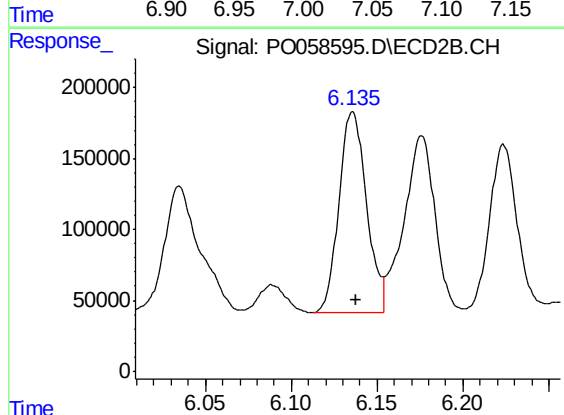
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2596569
Conc: 705.71 ng/ml



#29 AR-1254-4

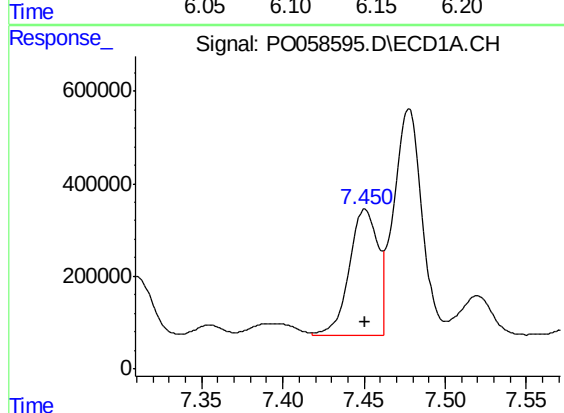
R.T.: 7.037 min
Delta R.T.: 0.001 min
Response: 2634925
Conc: 731.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



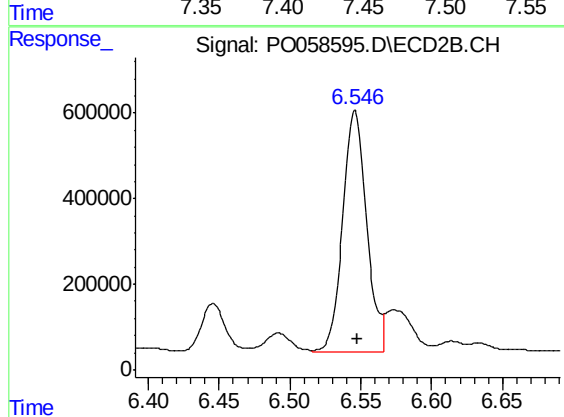
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 1586374
Conc: 682.25 ng/ml



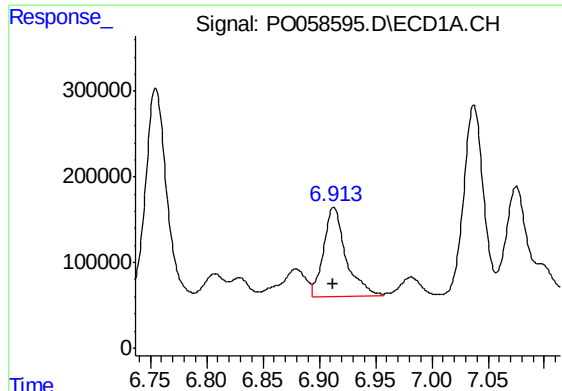
#30 AR-1254-5

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 3300754
Conc: 910.61 ng/ml



#30 AR-1254-5

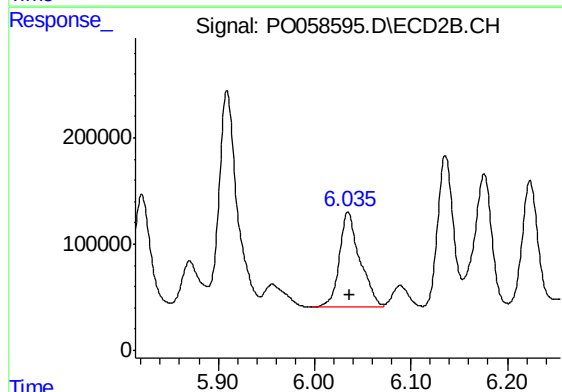
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 6610023
Conc: 1916.20 ng/ml



#31 AR-1260-1

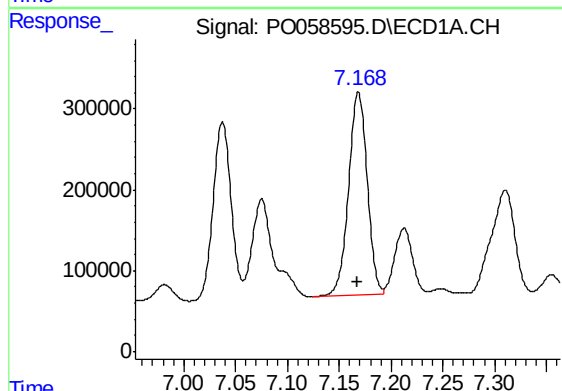
R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 1439310
Conc: 499.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



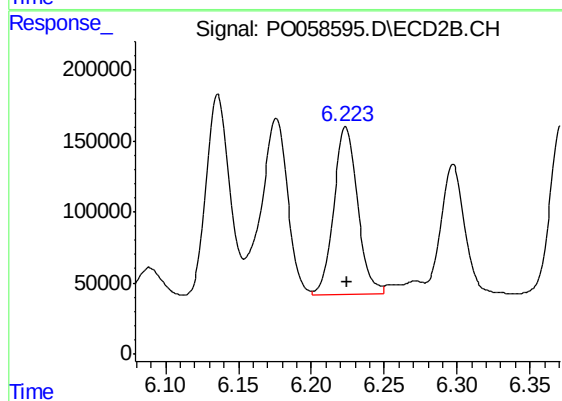
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 1327613
Conc: 557.81 ng/ml



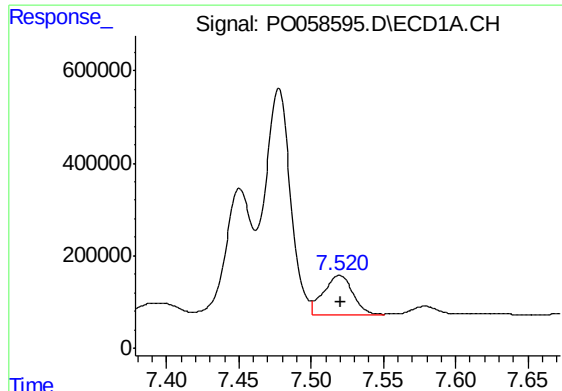
#32 AR-1260-2

R.T.: 7.169 min
Delta R.T.: 0.001 min
Response: 3110652
Conc: 747.74 ng/ml



#32 AR-1260-2

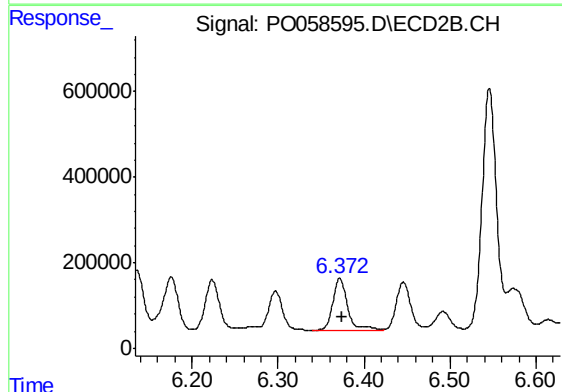
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1343966
Conc: 443.66 ng/ml



#33 AR-1260-3

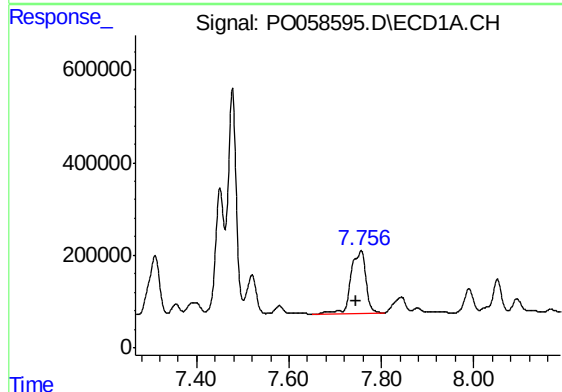
R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 1173314
Conc: 315.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



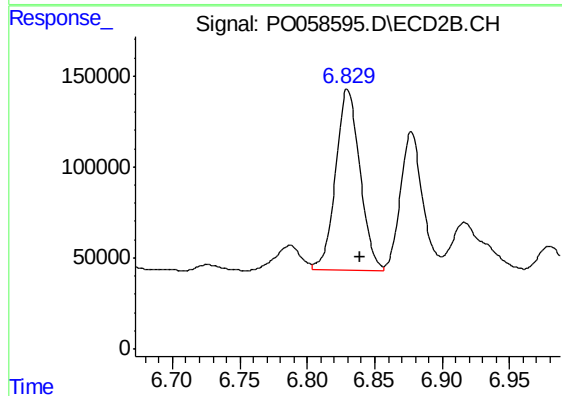
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: -0.003 min
Response: 1434053
Conc: 531.16 ng/ml



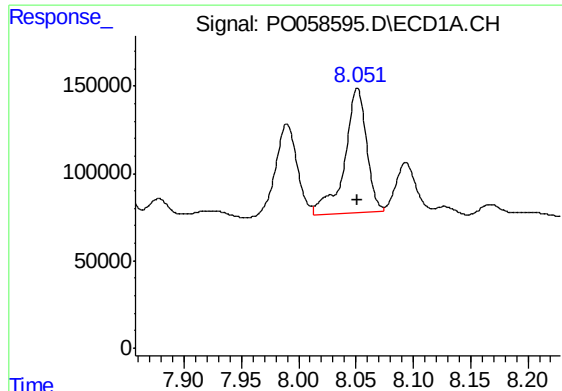
#34 AR-1260-4

R.T.: 7.756 min
Delta R.T.: 0.010 min
Response: 3029380
Conc: 888.96 ng/ml



#34 AR-1260-4

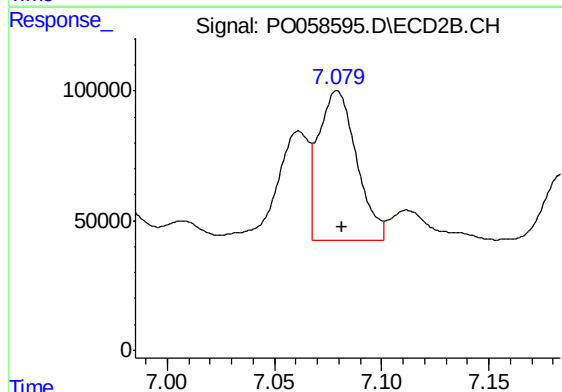
R.T.: 6.830 min
Delta R.T.: -0.009 min
Response: 1243258
Conc: 550.23 ng/ml



#35 AR-1260-5

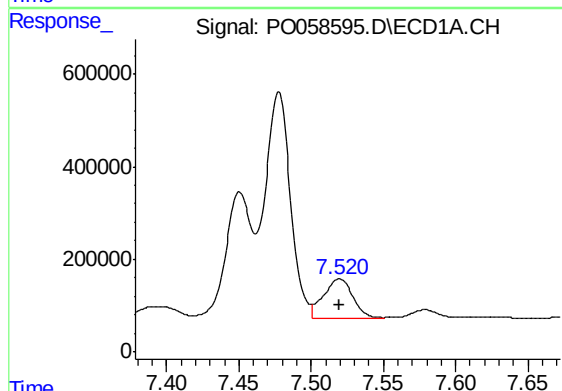
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 943020
Conc: 128.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



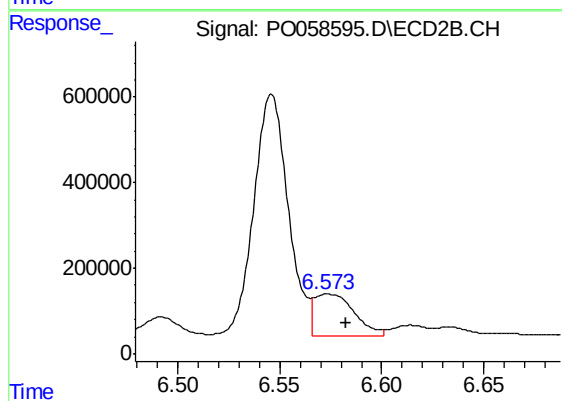
#35 AR-1260-5

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 706651
Conc: 131.22 ng/ml



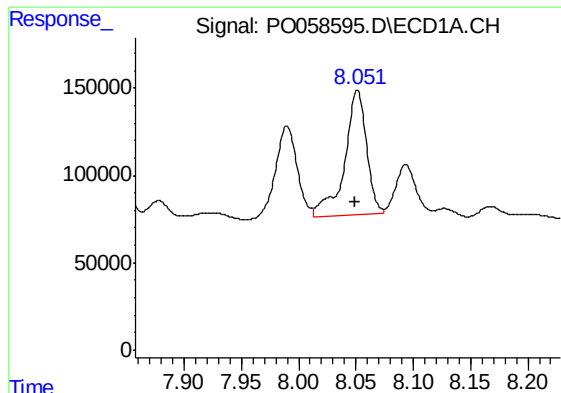
#36 AR-1262-1

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 1173314
Conc: 232.79 ng/ml



#36 AR-1262-1

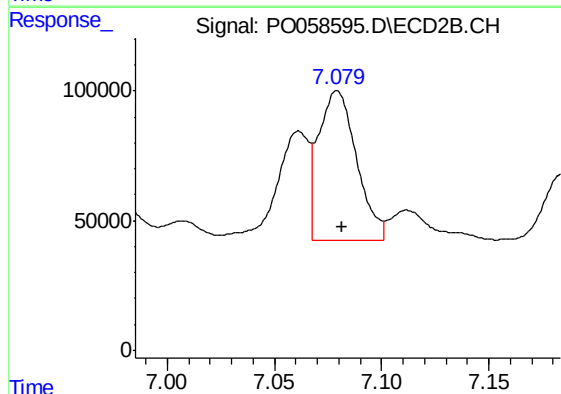
R.T.: 6.574 min
Delta R.T.: -0.009 min
Response: 1308160
Conc: 366.25 ng/ml



#37 AR-1262-2

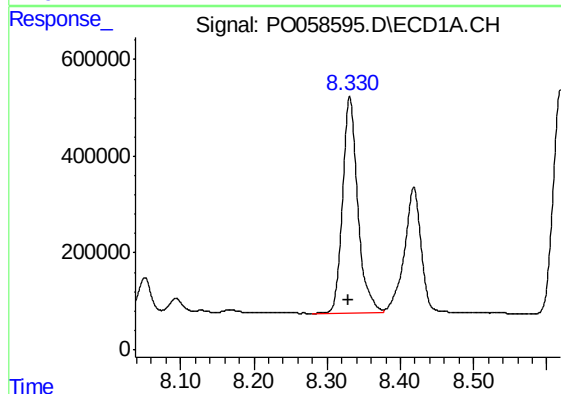
R.T.: 8.051 min
Delta R.T.: 0.002 min
Response: 943020
Conc: 118.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



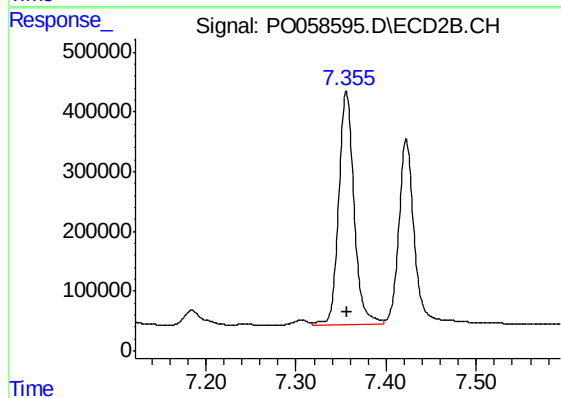
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 706651
Conc: 125.16 ng/ml



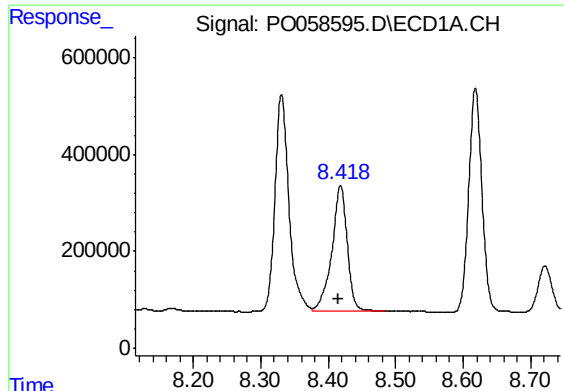
#38 AR-1262-3

R.T.: 8.331 min
Delta R.T.: 0.001 min
Response: 6453186
Conc: 1269.46 ng/ml



#38 AR-1262-3

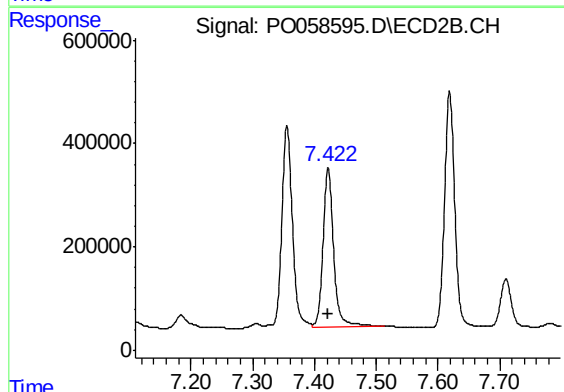
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 4630607
Conc: 1876.21 ng/ml



#39 AR-1262-4

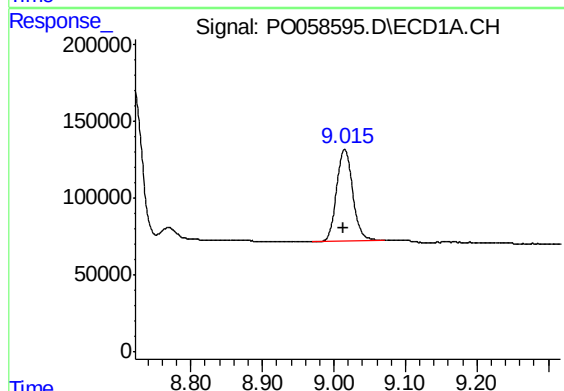
R.T.: 8.418 min
Delta R.T.: 0.003 min
Response: 4132940
Conc: 1090.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



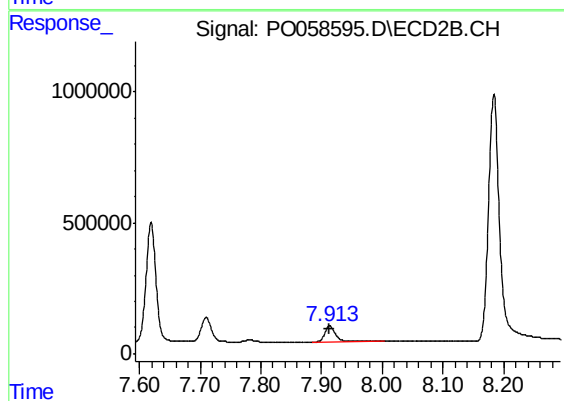
#39 AR-1262-4

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 3696398
Conc: 870.52 ng/ml



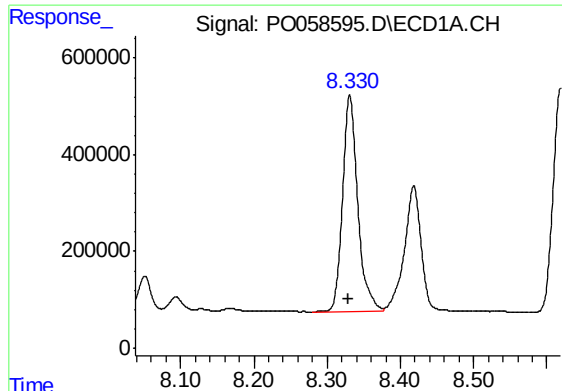
#40 AR-1262-5

R.T.: 9.015 min
Delta R.T.: 0.002 min
Response: 930700
Conc: 405.08 ng/ml



#40 AR-1262-5

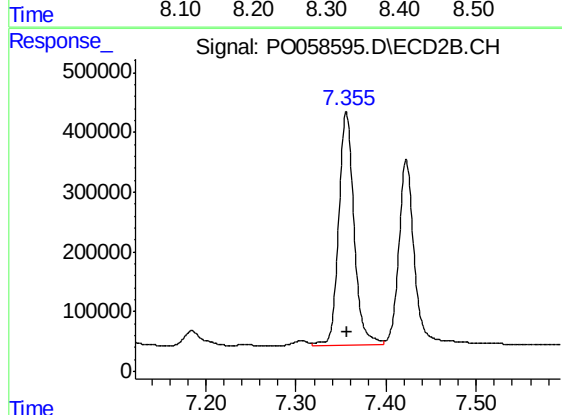
R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 754901
Conc: 443.96 ng/ml



#41 AR-1268-1

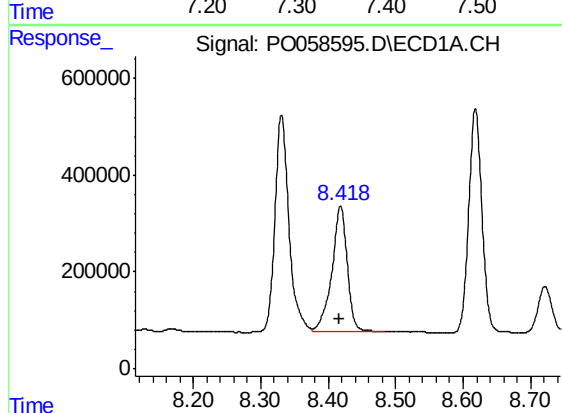
R.T.: 8.331 min
Delta R.T.: 0.001 min
Response: 6453186
Conc: 577.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



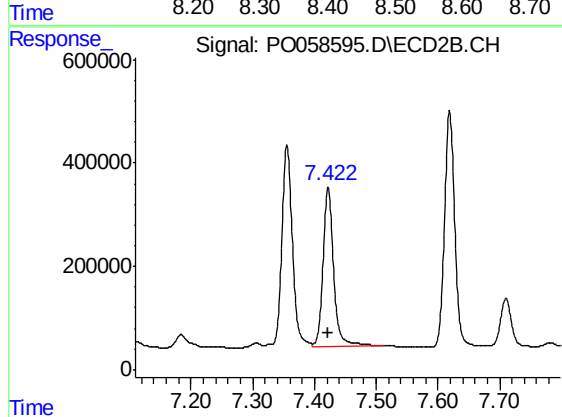
#41 AR-1268-1

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 4630607
Conc: 568.52 ng/ml



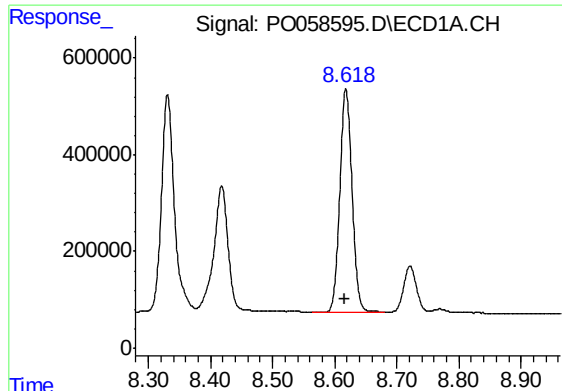
#42 AR-1268-2

R.T.: 8.418 min
Delta R.T.: 0.002 min
Response: 4132940
Conc: 440.00 ng/ml



#42 AR-1268-2

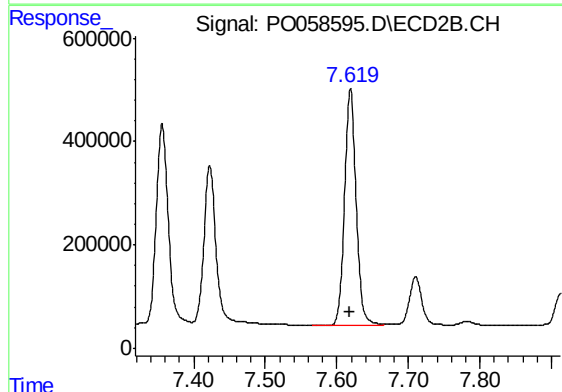
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 3696398
Conc: 487.84 ng/ml



#43 AR-1268-3

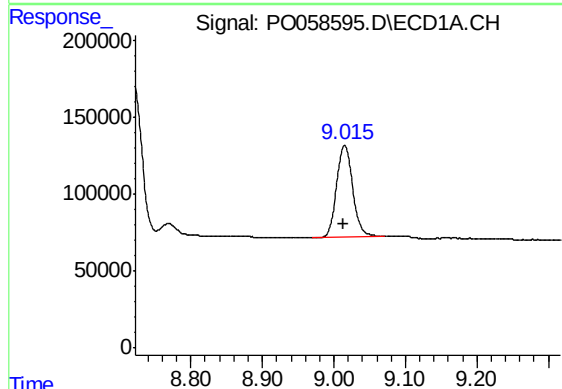
R.T.: 8.618 min
Delta R.T.: 0.001 min
Response: 6266880
Conc: 758.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



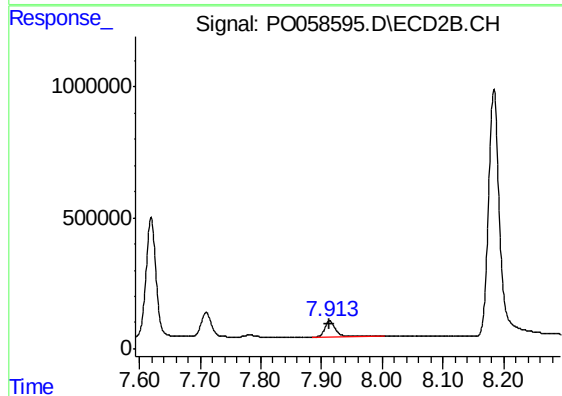
#43 AR-1268-3

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 5111158
Conc: 799.63 ng/ml



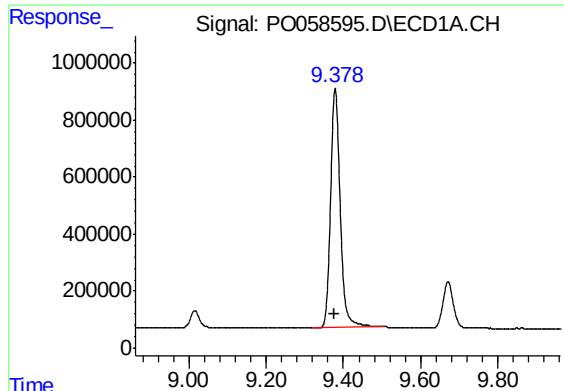
#44 AR-1268-4

R.T.: 9.015 min
Delta R.T.: 0.002 min
Response: 930700
Conc: 311.35 ng/ml



#44 AR-1268-4

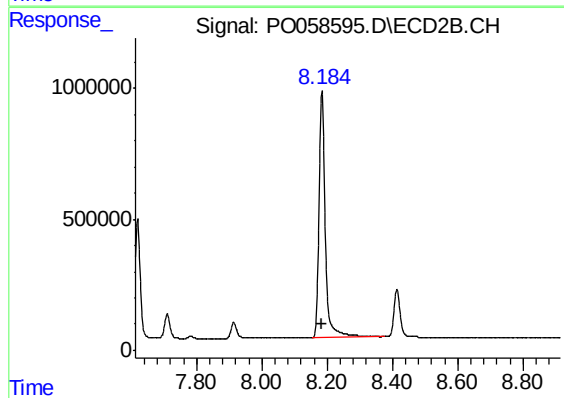
R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 754901
Conc: 325.29 ng/ml



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.002 min
Response: 14634169
Conc: 681.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-01-BRE



#45 AR-1268-5

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 12570013
Conc: 733.46 ng/ml