

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081321\
 Data File : P0080418.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2021 10:51
 Operator : DD\AJ
 Sample : M3359-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HED160B-END-1-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 01:57:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 11 05:48:32 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

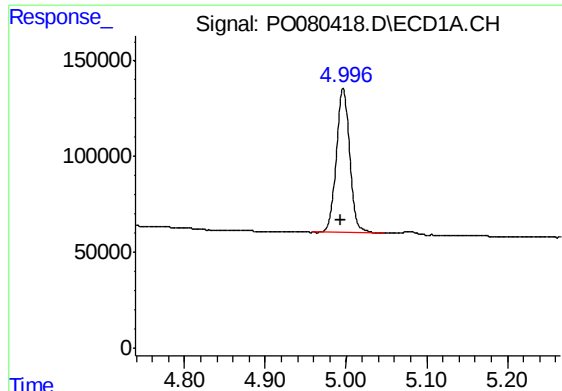
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.997	4.111	871343	371531	12.583	14.907
2)	SA Decachlor...	11.108	9.523	736554	323278	14.229	14.253
Target Compounds							
3)	L1 AR-1016-1	6.326	5.388	8155	5564	3.183	5.408 #
4)	L1 AR-1016-2	6.360	5.388	20133	5564	5.689	3.987 #
5)	L1 AR-1016-3	6.419	0.000	21148	0	9.806	N.D. #
6)	L1 AR-1016-4	6.525	5.652	18321	78648	10.335	127.549 #
7)	L1 AR-1016-5	6.840	5.885	92309	48237	53.637	64.711
9)	L2 AR-1221-2	5.349	4.469	11078	5941	20.238	25.540 #
12)	L3 AR-1232-2	0.000	5.388f	0	5564	N.D.	8.847 #
13)	L3 AR-1232-3	6.360	0.000	20133	0	12.386	N.D. #
14)	L3 AR-1232-4	6.525	5.696	18321	21991	24.648	76.414 #
15)	L3 AR-1232-5	6.622	5.885	154089	48237	295.355	158.870 #
16)	L4 AR-1242-1	6.326	5.388	8155	5564	4.180	6.972 #
17)	L4 AR-1242-2	6.360	5.388	20133	5564	7.467	5.122 #
18)	L4 AR-1242-3	6.419	0.000	21148	0	12.677	N.D. #
19)	L4 AR-1242-4	6.525	5.696	18321	21991	13.624	39.592 #
20)	L4 AR-1242-5	7.313	6.270	94119	179097	64.269	257.021 #
21)	L5 AR-1248-1	6.326	5.388	8155	5564	5.388	8.849 #
22)	L5 AR-1248-2	6.622	5.652	154089	78648	75.965	90.712
23)	L5 AR-1248-3	6.840	5.696	92309	21991	39.005	24.620 #
24)	L5 AR-1248-4	7.271	5.885	141980	48237	52.209	47.209
25)	L5 AR-1248-5	7.313	6.314	94119	14283	35.690	13.777 #
26)	L6 AR-1254-1	7.240	6.270	245864	179097	94.844	122.078 #
27)	L6 AR-1254-2	7.471	6.431	436731	168017	111.296	130.063
28)	L6 AR-1254-3	7.854	6.858	450805	221118	110.452	109.664
29)	L6 AR-1254-4	8.151	7.100	276599	133275	92.647	102.408
30)	L6 AR-1254-5	8.582	7.535	383973	215105	124.102	122.606
31)	L7 AR-1260-1	8.021	6.996	265424	132159	92.885	98.606
32)	L7 AR-1260-2	8.288	7.195	313574	113539	94.359	68.314 #
33)	L7 AR-1260-3	8.643	7.351	57270	110321	22.890	72.166 #
34)	L7 AR-1260-4	8.879	7.842	142913	32967	49.404	26.323 #
35)	L7 AR-1260-5	9.221	8.093	52629	26245	9.239	9.072
36)	L8 AR-1262-1	8.643	7.535	57270	215105	14.977	214.299 #
37)	L8 AR-1262-2	9.221	8.093	52629	26245	7.780	8.220
38)	L8 AR-1262-3	9.563f	0.000	50838	0	16.988	N.D. #
39)	L8 AR-1262-4	0.000	8.446	0	20550	N.D.	8.707 #
41)	L9 AR-1268-1	9.563f	0.000	50838	0	6.367	N.D. #
42)	L9 AR-1268-2	0.000	8.446	0	20550	N.D.	6.152 #
45)	L9 AR-1268-5	10.761	0.000	17233	0	0.858	N.D. #

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

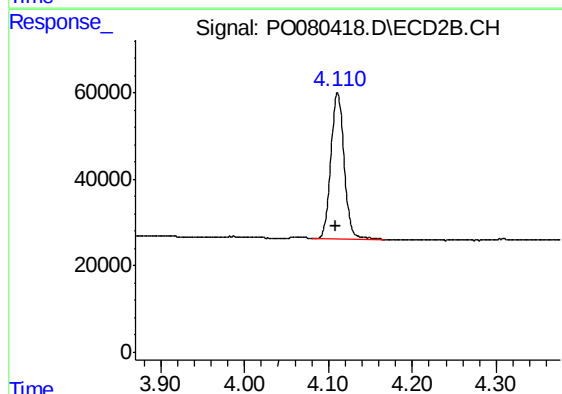
Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



#1 Tetrachloro-m-xylene

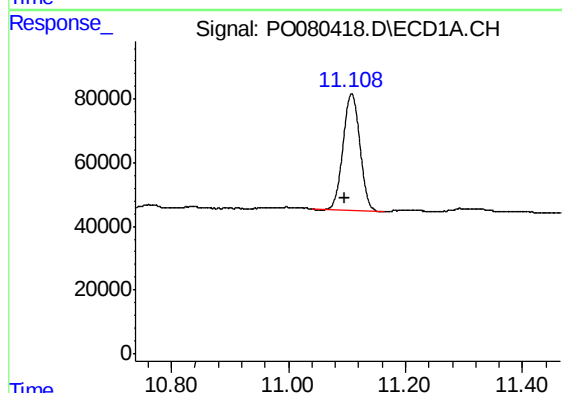
R.T.: 4.997 min
Delta R.T.: 0.004 min
Response: 871343
Conc: 12.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



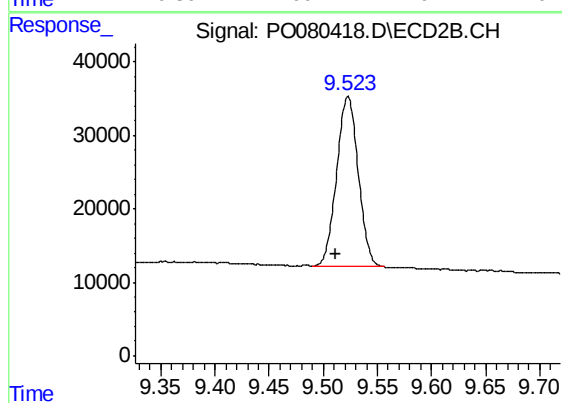
#1 Tetrachloro-m-xylene

R.T.: 4.111 min
Delta R.T.: 0.002 min
Response: 371531
Conc: 14.91 ng/ml



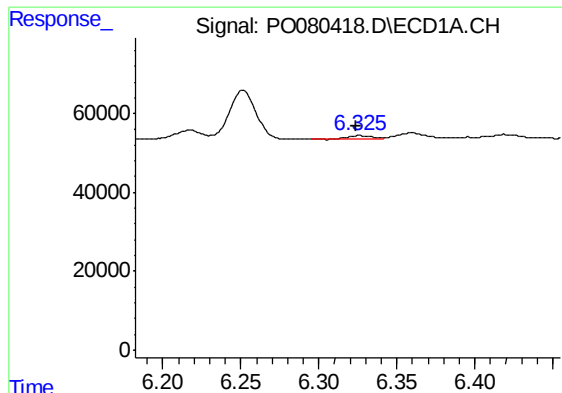
#2 Decachlorobiphenyl

R.T.: 11.108 min
Delta R.T.: 0.012 min
Response: 736554
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

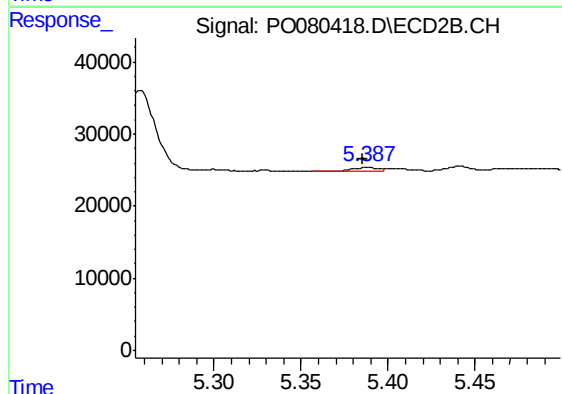
R.T.: 9.523 min
Delta R.T.: 0.012 min
Response: 323278
Conc: 14.25 ng/ml



#3 AR-1016-1

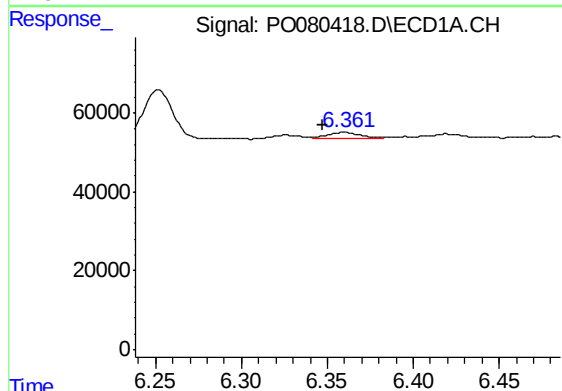
R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 8155
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



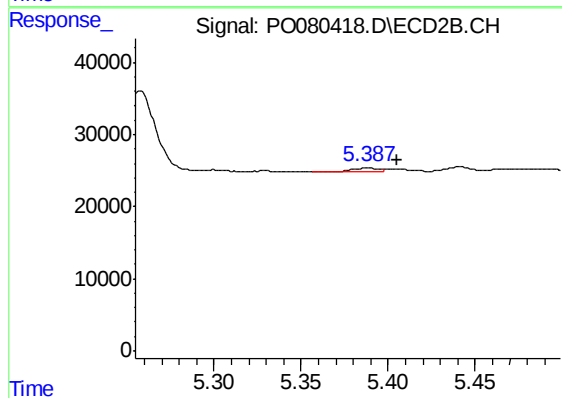
#3 AR-1016-1

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 5564
Conc: 5.41 ng/ml



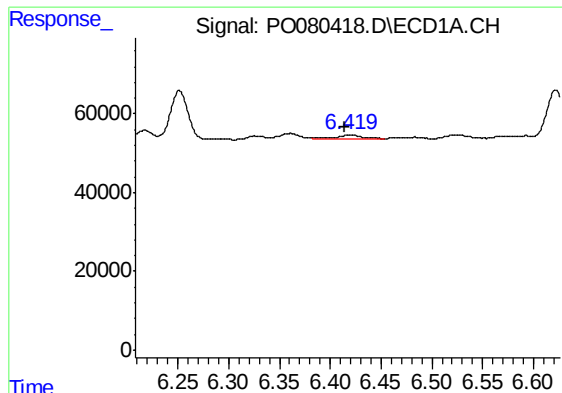
#4 AR-1016-2

R.T.: 6.360 min
Delta R.T.: 0.013 min
Response: 20133
Conc: 5.69 ng/ml



#4 AR-1016-2

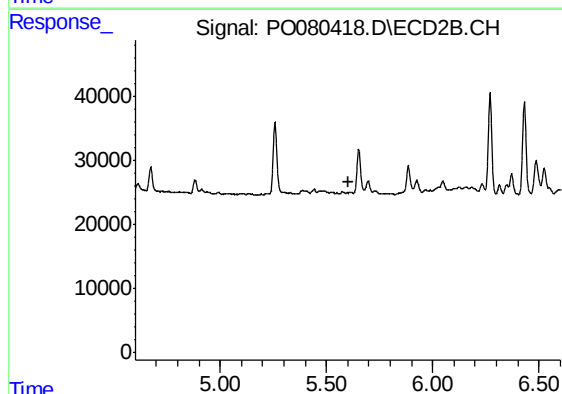
R.T.: 5.388 min
Delta R.T.: -0.018 min
Response: 5564
Conc: 3.99 ng/ml



#5 AR-1016-3

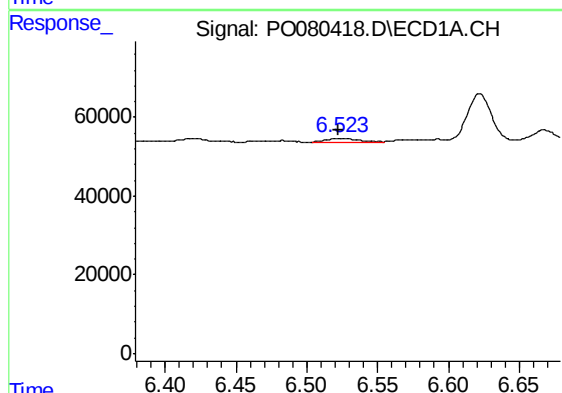
R.T.: 6.419 min
Delta R.T.: 0.004 min
Response: 21148
Conc: 9.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



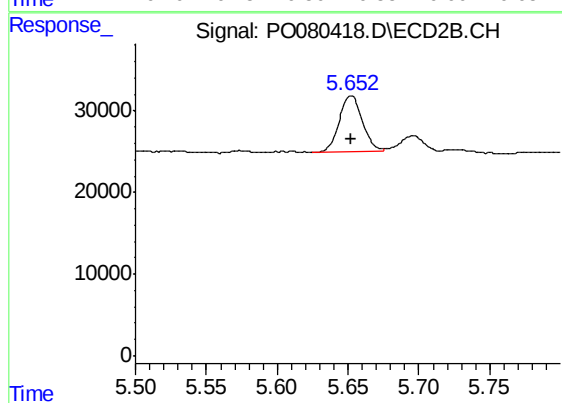
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.601 min
Response: 0
Conc: N.D.



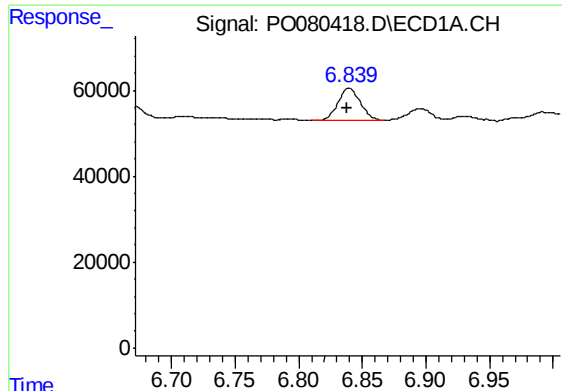
#6 AR-1016-4

R.T.: 6.525 min
Delta R.T.: 0.003 min
Response: 18321
Conc: 10.34 ng/ml



#6 AR-1016-4

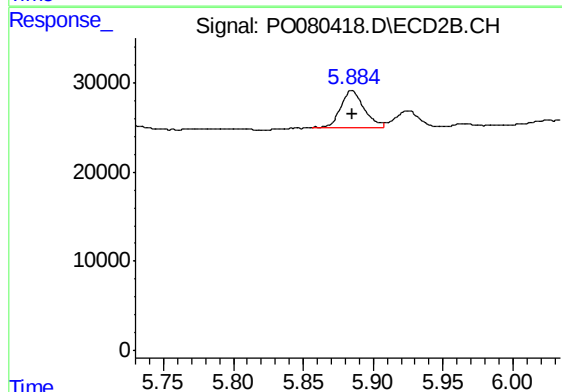
R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 78648
Conc: 127.55 ng/ml



#7 AR-1016-5

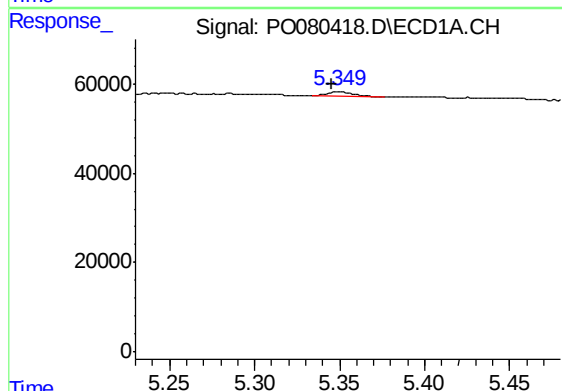
R.T.: 6.840 min
Delta R.T.: 0.002 min
Response: 92309
Conc: 53.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



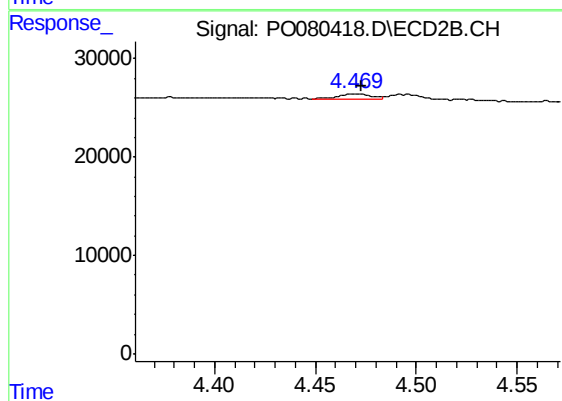
#7 AR-1016-5

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 48237
Conc: 64.71 ng/ml



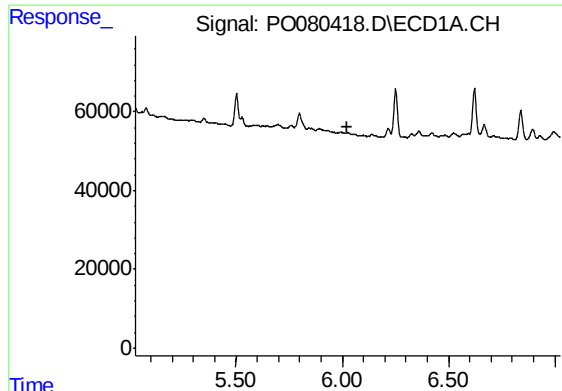
#9 AR-1221-2

R.T.: 5.349 min
Delta R.T.: 0.003 min
Response: 11078
Conc: 20.24 ng/ml



#9 AR-1221-2

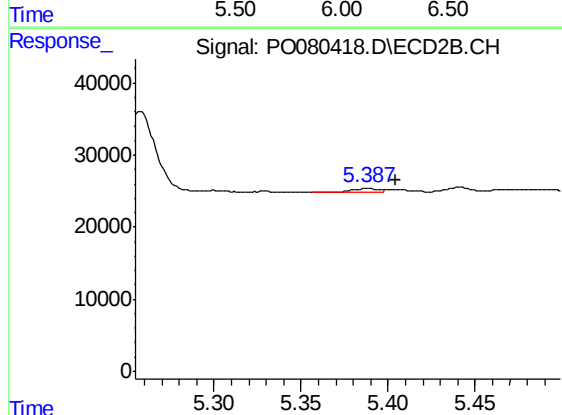
R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 5941
Conc: 25.54 ng/ml



#12 AR-1232-2

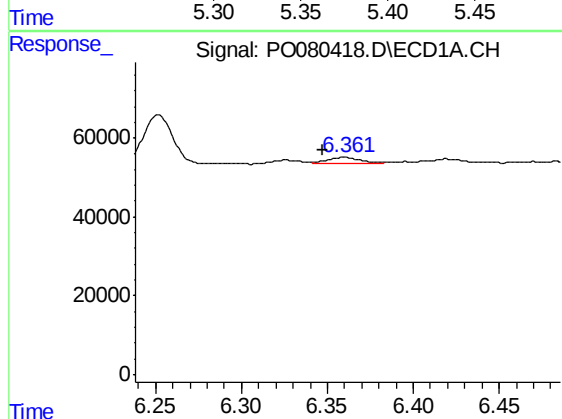
R.T.: 0.000 min
Exp R.T. : 6.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



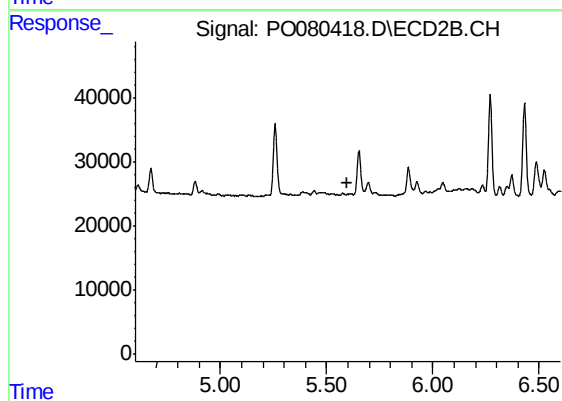
#12 AR-1232-2

R.T.: 5.388 min
Delta R.T.: -0.017 min
Response: 5564
Conc: 8.85 ng/ml



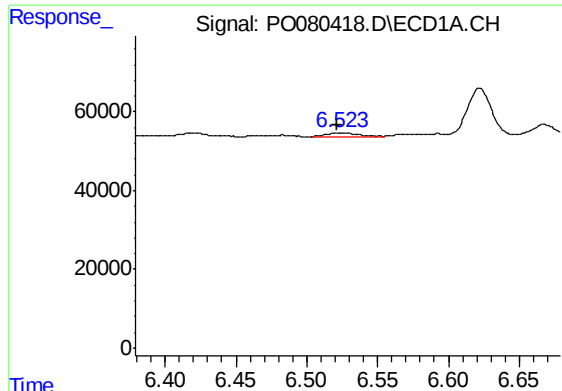
#13 AR-1232-3

R.T.: 6.360 min
Delta R.T.: 0.013 min
Response: 20133
Conc: 12.39 ng/ml



#13 AR-1232-3

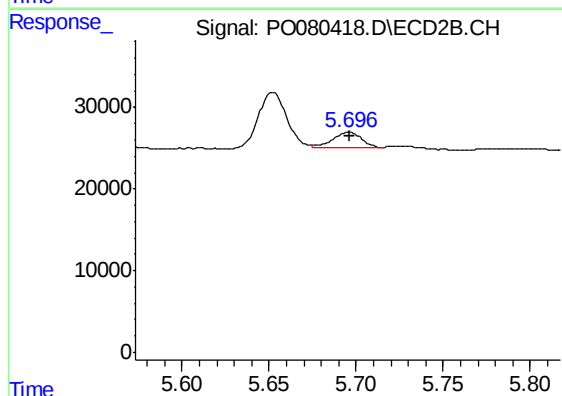
R.T.: 0.000 min
Exp R.T. : 5.600 min
Response: 0
Conc: N.D.



#14 AR-1232-4

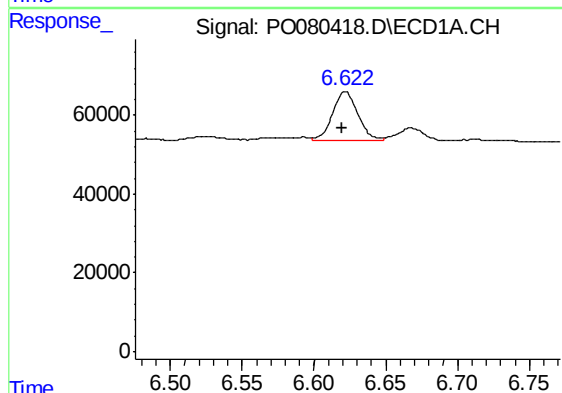
R.T.: 6.525 min
Delta R.T.: 0.003 min
Response: 18321
Conc: 24.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



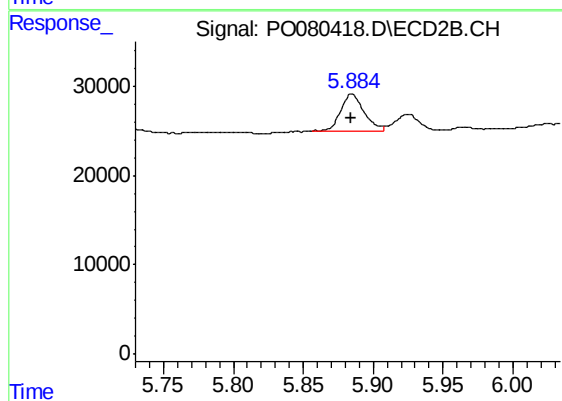
#14 AR-1232-4

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 21991
Conc: 76.41 ng/ml



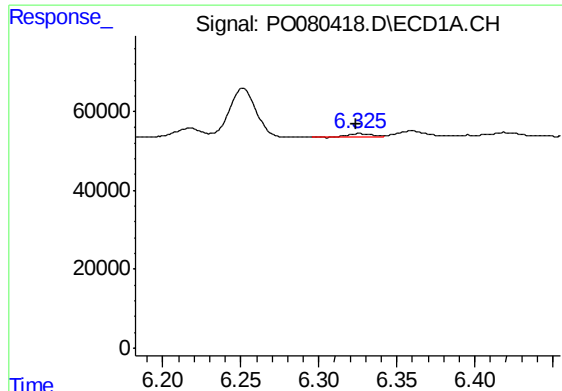
#15 AR-1232-5

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 154089
Conc: 295.36 ng/ml



#15 AR-1232-5

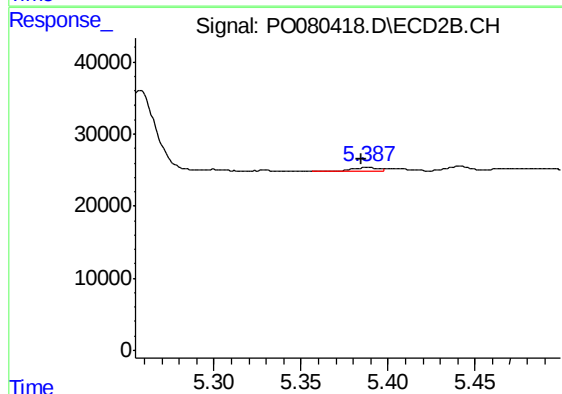
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 48237
Conc: 158.87 ng/ml



#16 AR-1242-1

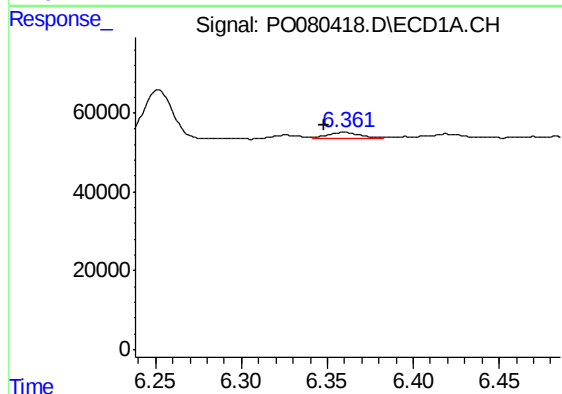
R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 8155
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



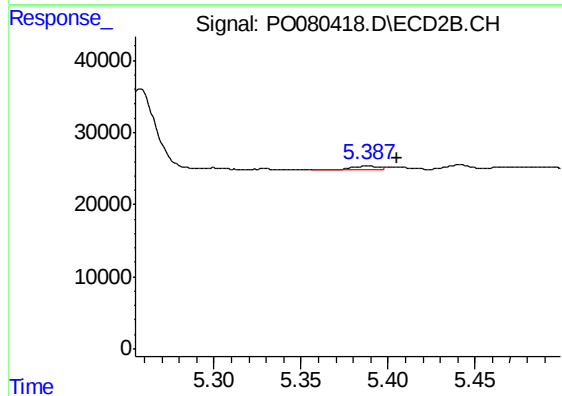
#16 AR-1242-1

R.T.: 5.388 min
Delta R.T.: 0.003 min
Response: 5564
Conc: 6.97 ng/ml



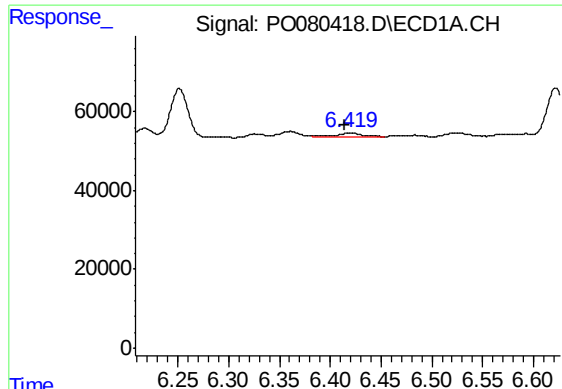
#17 AR-1242-2

R.T.: 6.360 min
Delta R.T.: 0.012 min
Response: 20133
Conc: 7.47 ng/ml



#17 AR-1242-2

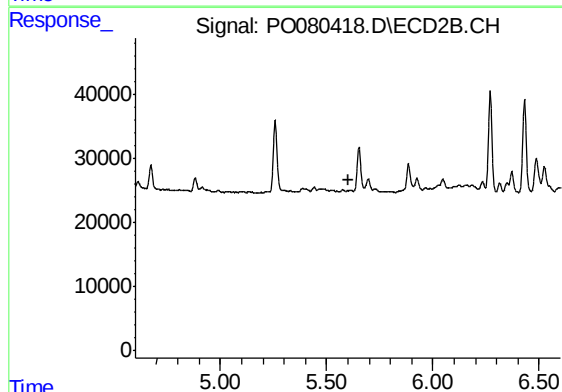
R.T.: 5.388 min
Delta R.T.: -0.017 min
Response: 5564
Conc: 5.12 ng/ml



#18 AR-1242-3

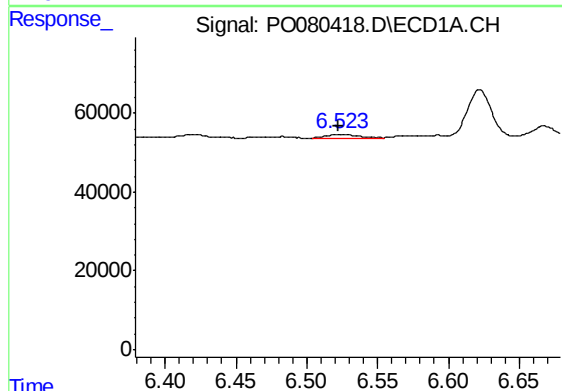
R.T.: 6.419 min
Delta R.T.: 0.004 min
Response: 21148
Conc: 12.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



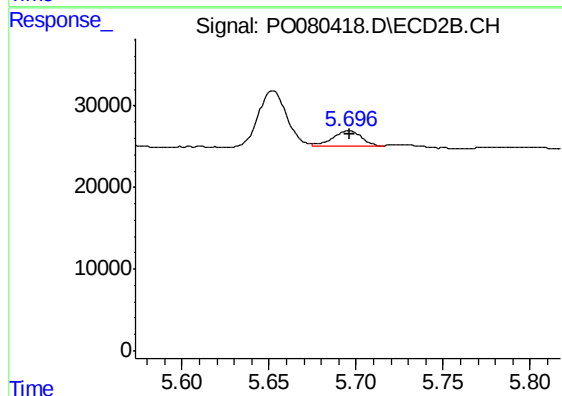
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.601 min
Response: 0
Conc: N.D.



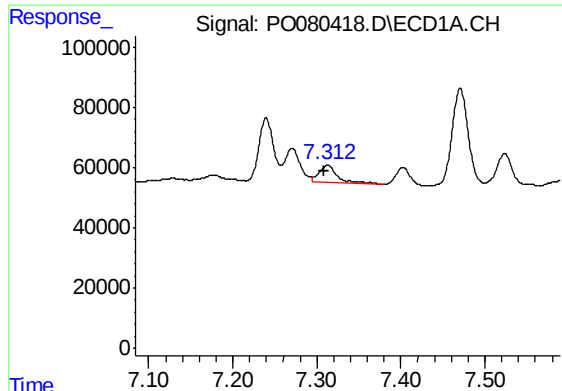
#19 AR-1242-4

R.T.: 6.525 min
Delta R.T.: 0.003 min
Response: 18321
Conc: 13.62 ng/ml



#19 AR-1242-4

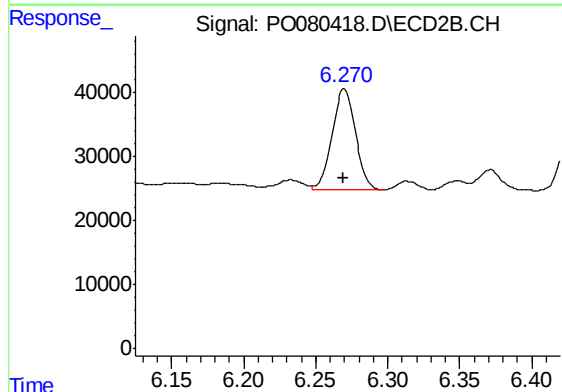
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 21991
Conc: 39.59 ng/ml



#20 AR-1242-5

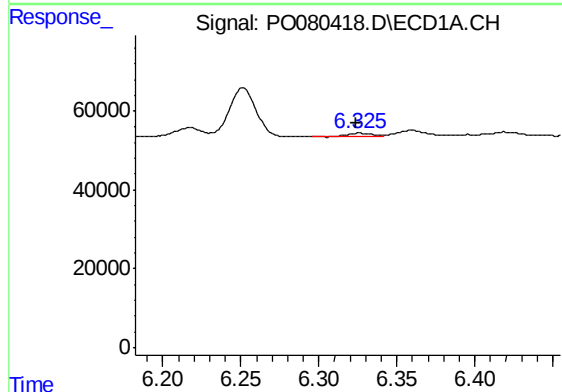
R.T.: 7.313 min
Delta R.T.: 0.004 min
Response: 94119
Conc: 64.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



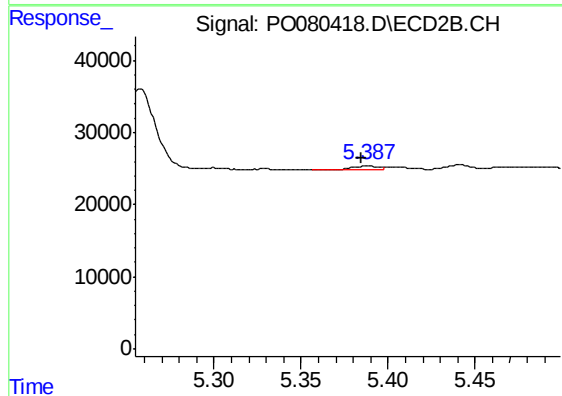
#20 AR-1242-5

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 179097
Conc: 257.02 ng/ml



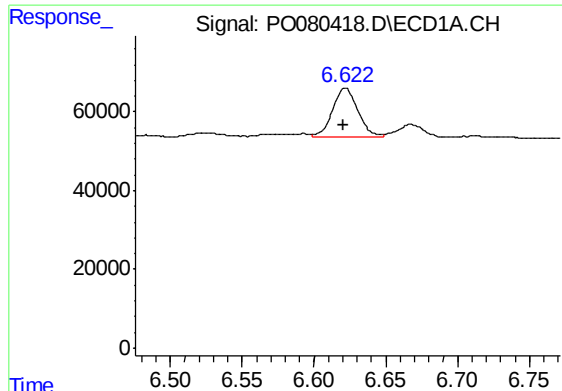
#21 AR-1248-1

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 8155
Conc: 5.39 ng/ml



#21 AR-1248-1

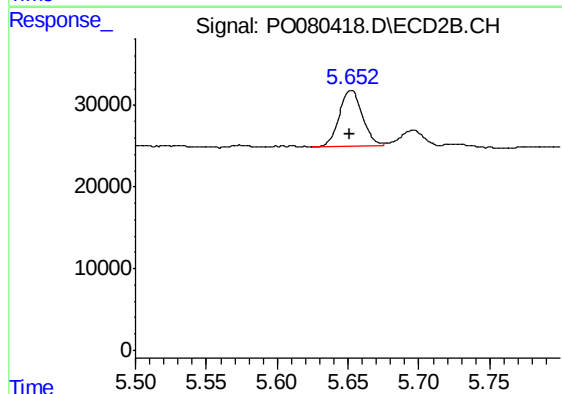
R.T.: 5.388 min
Delta R.T.: 0.003 min
Response: 5564
Conc: 8.85 ng/ml



#22 AR-1248-2

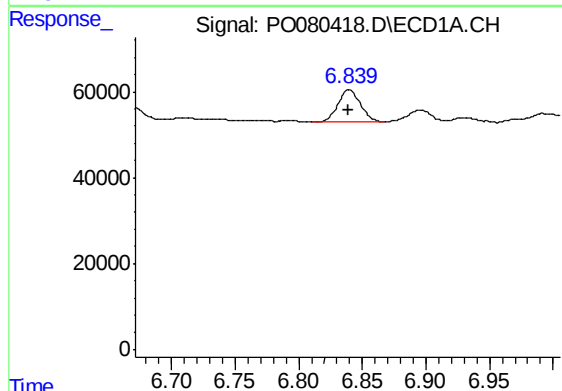
R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 154089
Conc: 75.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



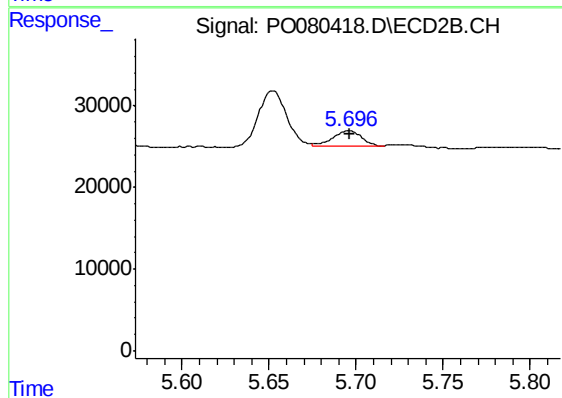
#22 AR-1248-2

R.T.: 5.652 min
Delta R.T.: 0.001 min
Response: 78648
Conc: 90.71 ng/ml



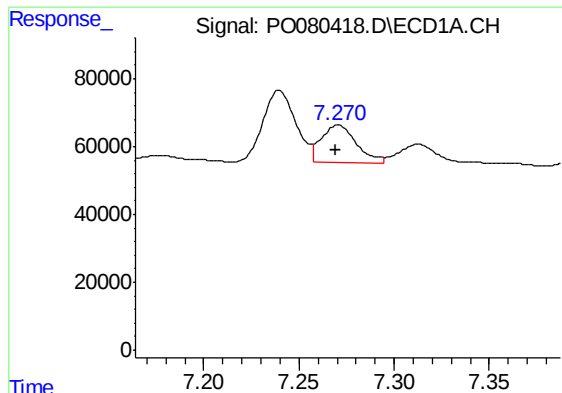
#23 AR-1248-3

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 92309
Conc: 39.00 ng/ml



#23 AR-1248-3

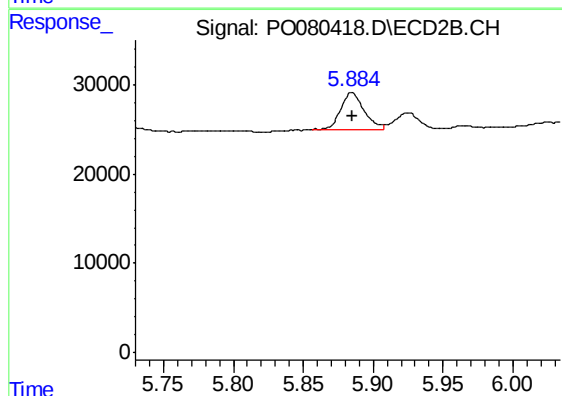
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 21991
Conc: 24.62 ng/ml



#24 AR-1248-4

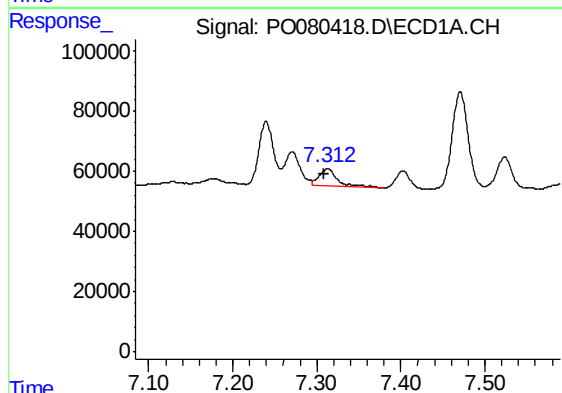
R.T.: 7.271 min
Delta R.T.: 0.002 min
Response: 141980
Conc: 52.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



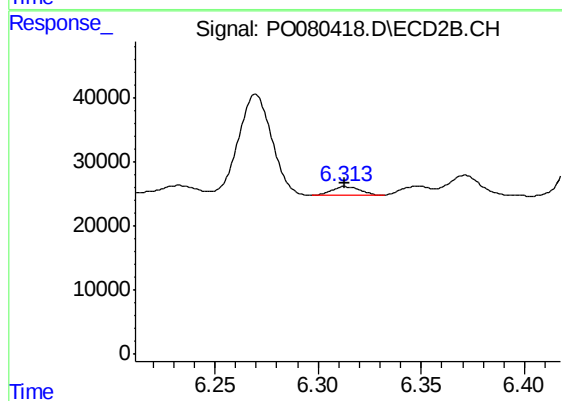
#24 AR-1248-4

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 48237
Conc: 47.21 ng/ml



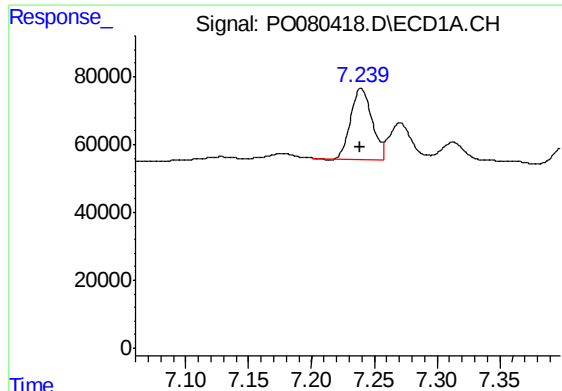
#25 AR-1248-5

R.T.: 7.313 min
Delta R.T.: 0.004 min
Response: 94119
Conc: 35.69 ng/ml



#25 AR-1248-5

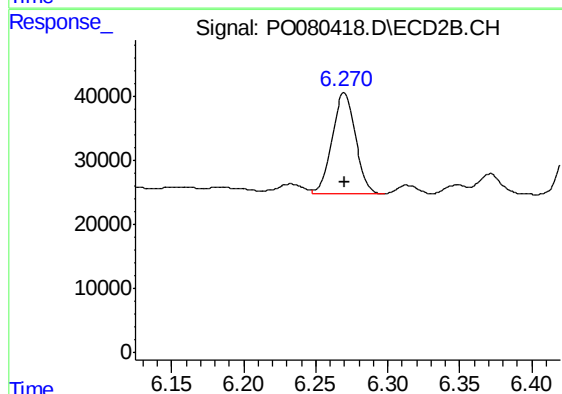
R.T.: 6.314 min
Delta R.T.: 0.001 min
Response: 14283
Conc: 13.78 ng/ml



#26 AR-1254-1

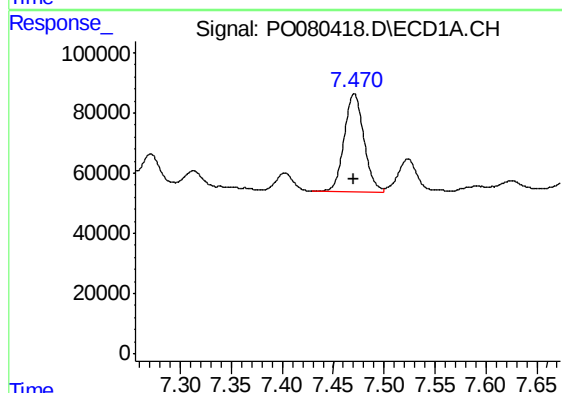
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 245864
Conc: 94.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



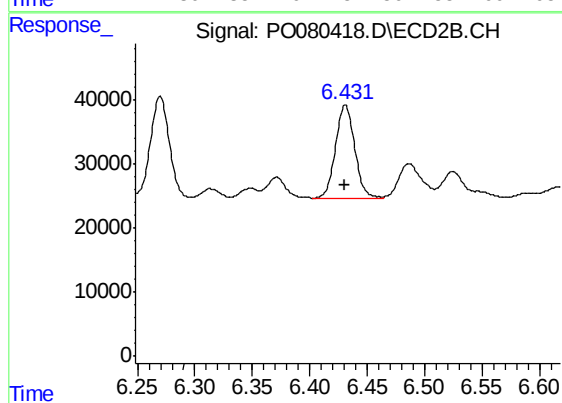
#26 AR-1254-1

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 179097
Conc: 122.08 ng/ml



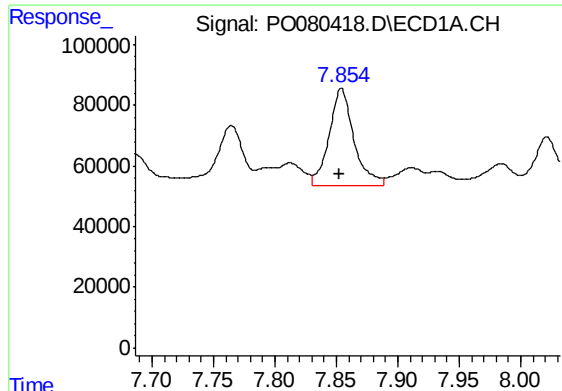
#27 AR-1254-2

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 436731
Conc: 111.30 ng/ml



#27 AR-1254-2

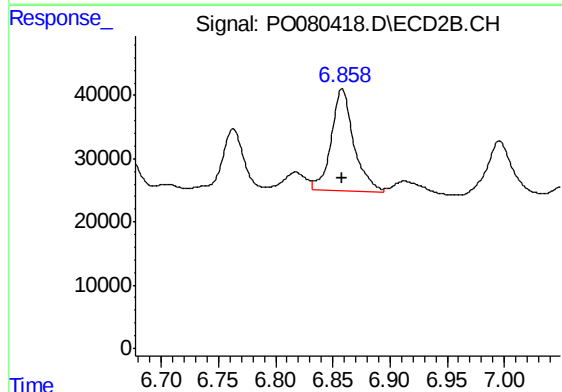
R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 168017
Conc: 130.06 ng/ml



#28 AR-1254-3

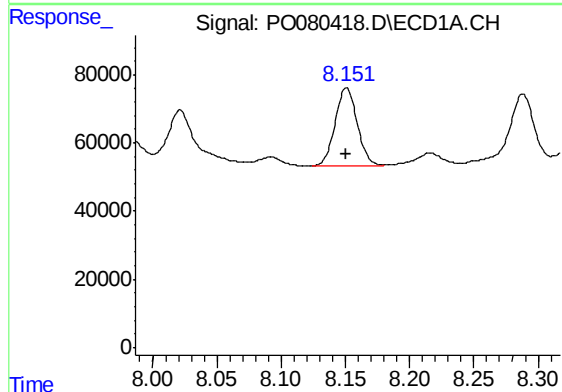
R.T.: 7.854 min
Delta R.T.: 0.001 min
Response: 450805
Conc: 110.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



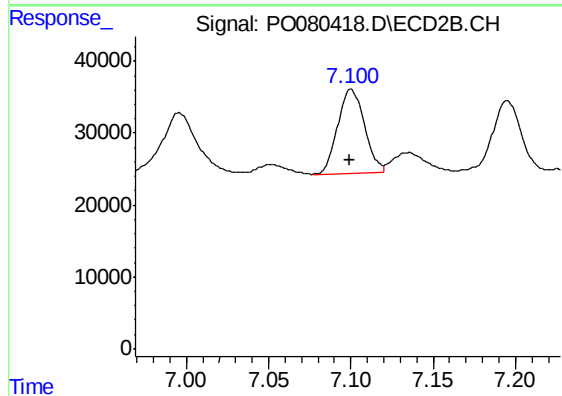
#28 AR-1254-3

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 221118
Conc: 109.66 ng/ml



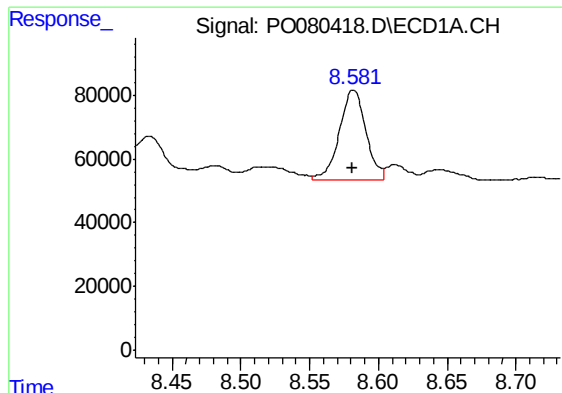
#29 AR-1254-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 276599
Conc: 92.65 ng/ml



#29 AR-1254-4

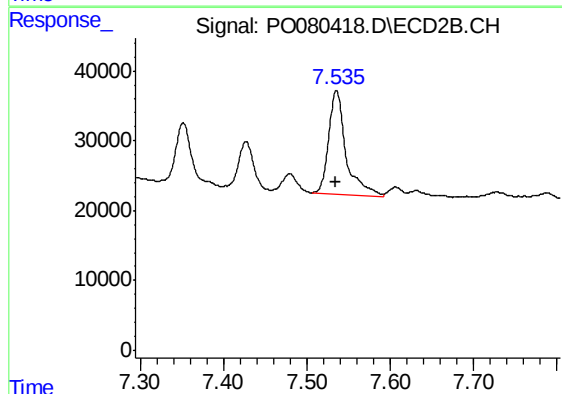
R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 133275
Conc: 102.41 ng/ml



#30 AR-1254-5

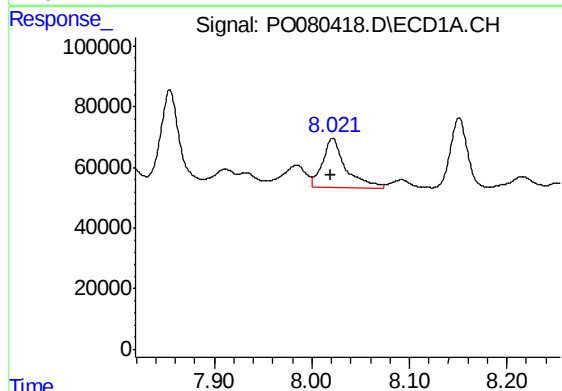
R.T.: 8.582 min
Delta R.T.: 0.001 min
Response: 383973
Conc: 124.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



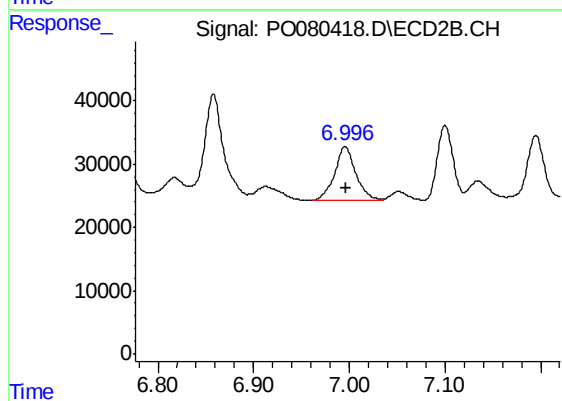
#30 AR-1254-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 215105
Conc: 122.61 ng/ml



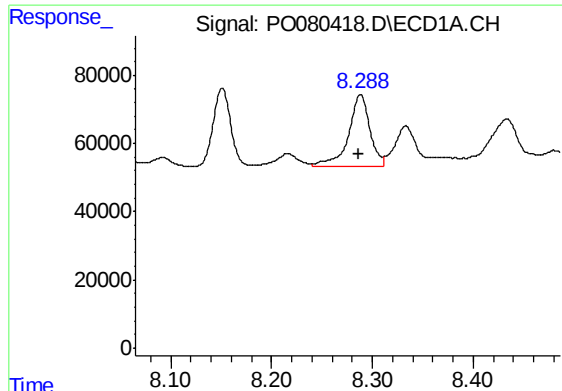
#31 AR-1260-1

R.T.: 8.021 min
Delta R.T.: 0.002 min
Response: 265424
Conc: 92.89 ng/ml



#31 AR-1260-1

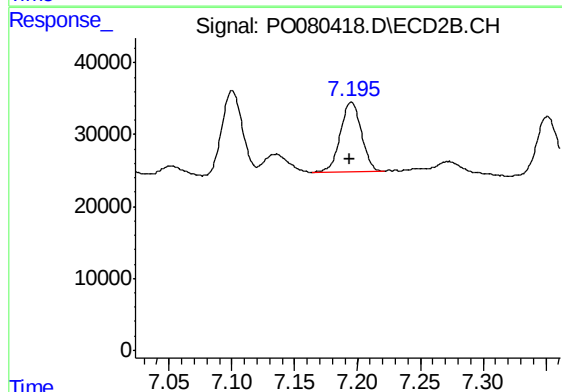
R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 132159
Conc: 98.61 ng/ml



#32 AR-1260-2

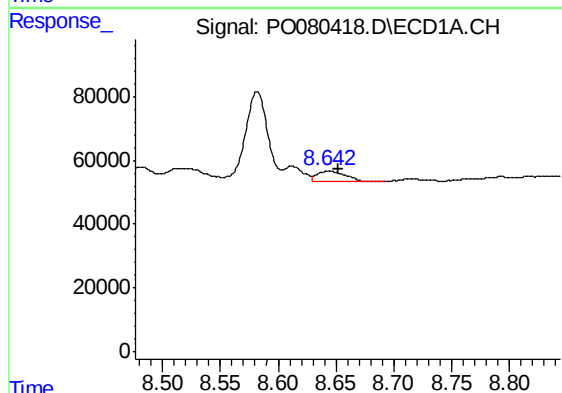
R.T.: 8.288 min
Delta R.T.: 0.002 min
Response: 313574
Conc: 94.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



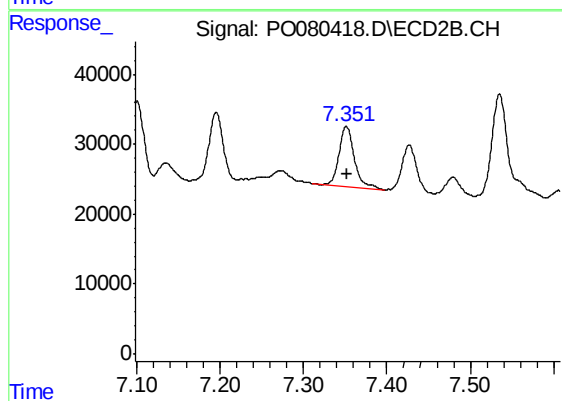
#32 AR-1260-2

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 113539
Conc: 68.31 ng/ml



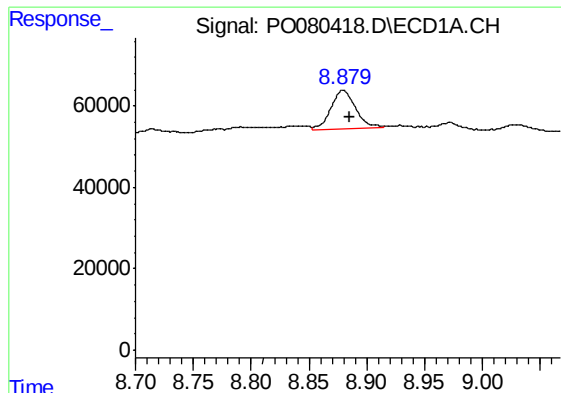
#33 AR-1260-3

R.T.: 8.643 min
Delta R.T.: -0.009 min
Response: 57270
Conc: 22.89 ng/ml



#33 AR-1260-3

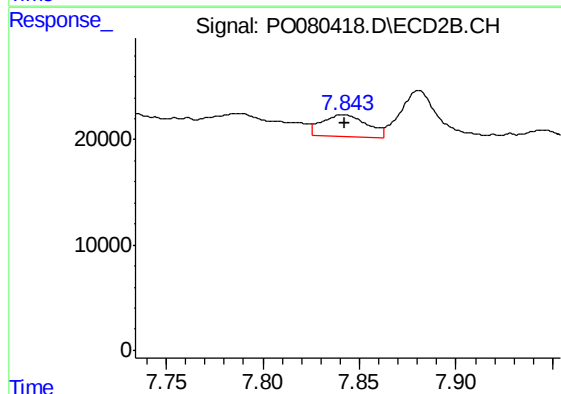
R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 110321
Conc: 72.17 ng/ml



#34 AR-1260-4

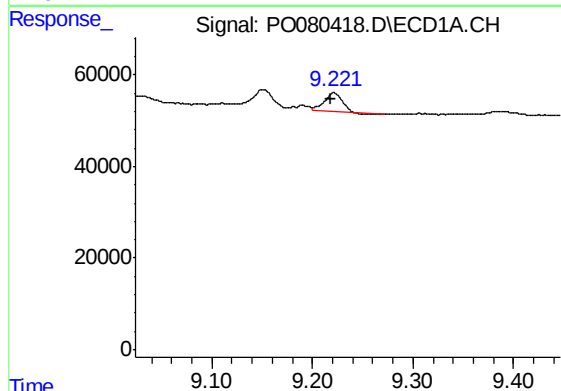
R.T.: 8.879 min
Delta R.T.: -0.005 min
Response: 142913
Conc: 49.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



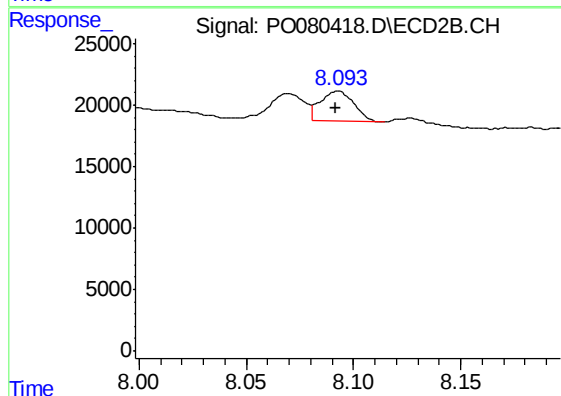
#34 AR-1260-4

R.T.: 7.842 min
Delta R.T.: 0.000 min
Response: 32967
Conc: 26.32 ng/ml



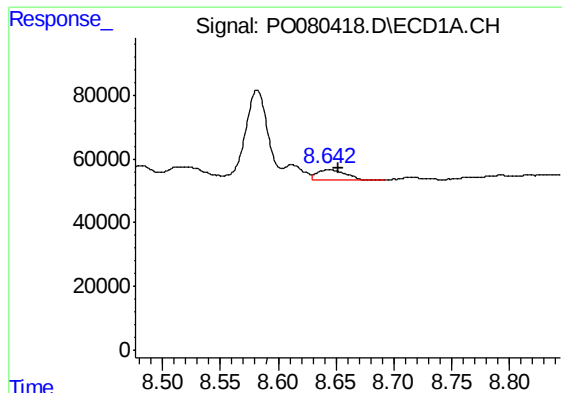
#35 AR-1260-5

R.T.: 9.221 min
Delta R.T.: 0.003 min
Response: 52629
Conc: 9.24 ng/ml



#35 AR-1260-5

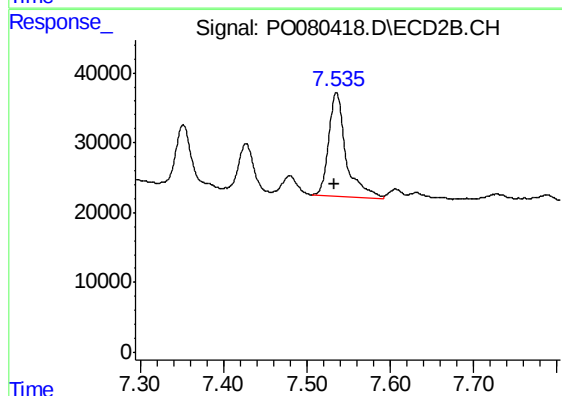
R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 26245
Conc: 9.07 ng/ml



#36 AR-1262-1

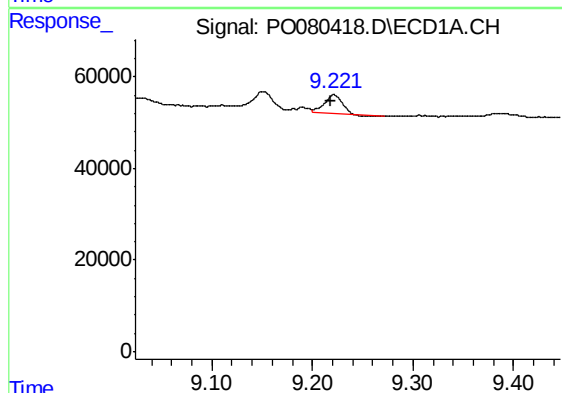
R.T.: 8.643 min
Delta R.T.: -0.010 min
Response: 57270
Conc: 14.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



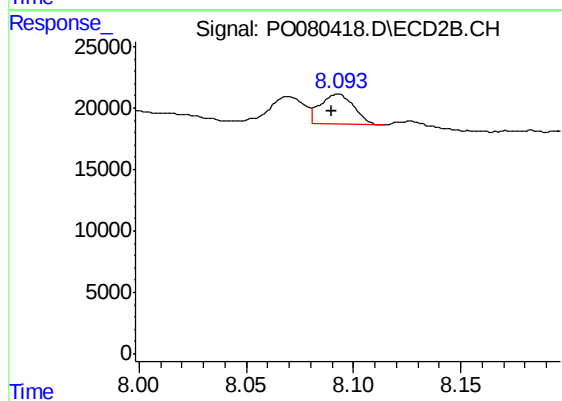
#36 AR-1262-1

R.T.: 7.535 min
Delta R.T.: 0.003 min
Response: 215105
Conc: 214.30 ng/ml



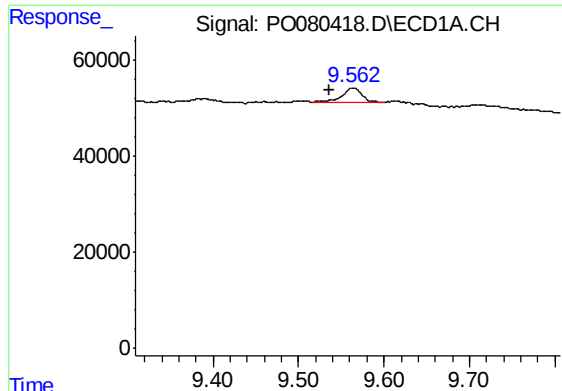
#37 AR-1262-2

R.T.: 9.221 min
Delta R.T.: 0.003 min
Response: 52629
Conc: 7.78 ng/ml



#37 AR-1262-2

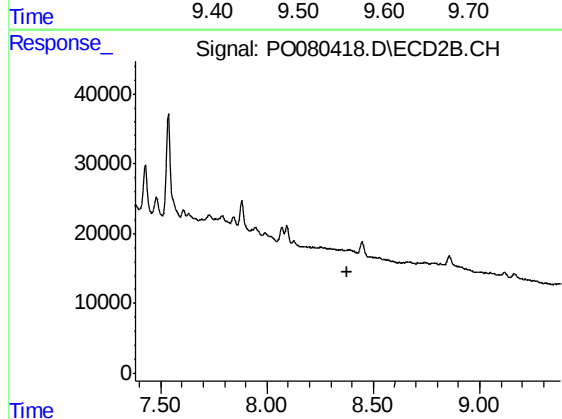
R.T.: 8.093 min
Delta R.T.: 0.003 min
Response: 26245
Conc: 8.22 ng/ml



#38 AR-1262-3

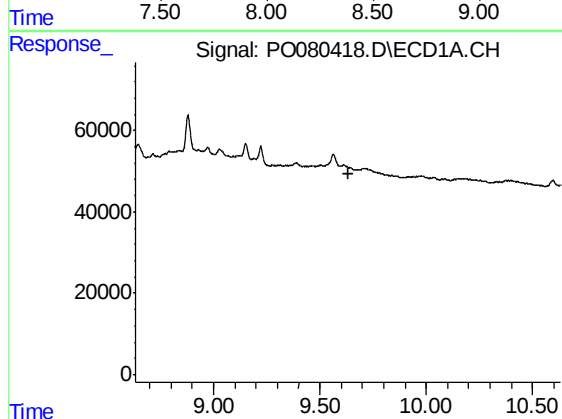
R.T.: 9.563 min
Delta R.T.: 0.028 min
Response: 50838
Conc: 16.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



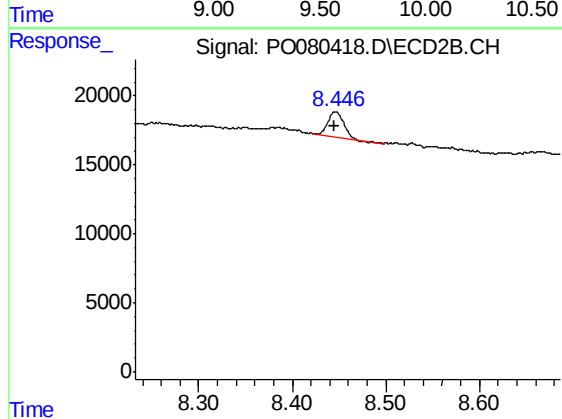
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.



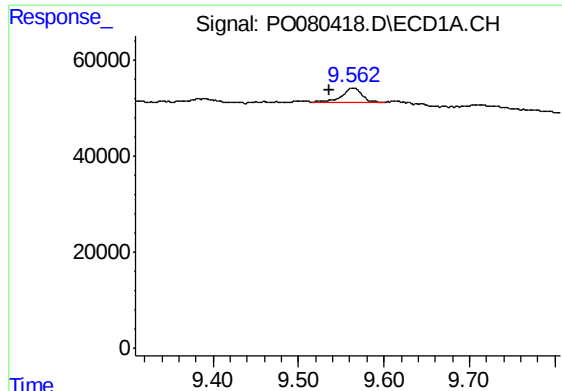
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.632 min
Response: 0
Conc: N.D.



#39 AR-1262-4

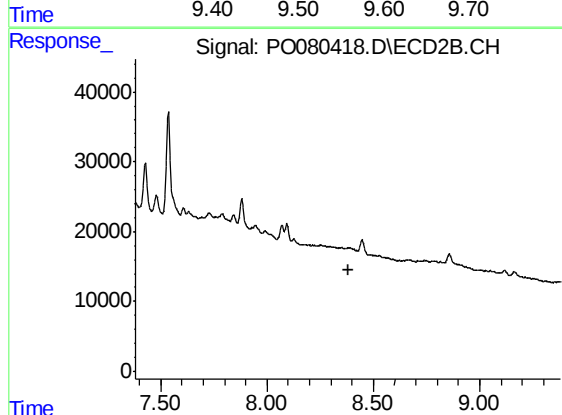
R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 20550
Conc: 8.71 ng/ml



#41 AR-1268-1

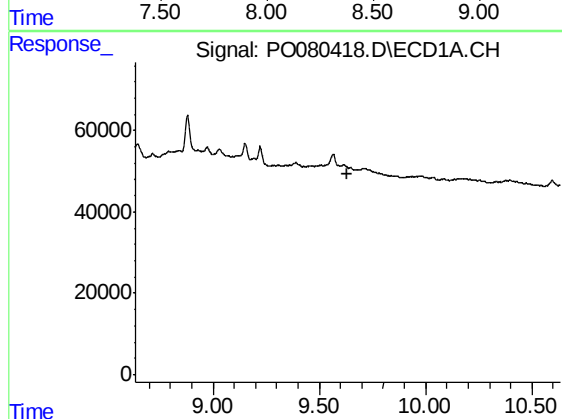
R.T.: 9.563 min
Delta R.T.: 0.028 min
Response: 50838
Conc: 6.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



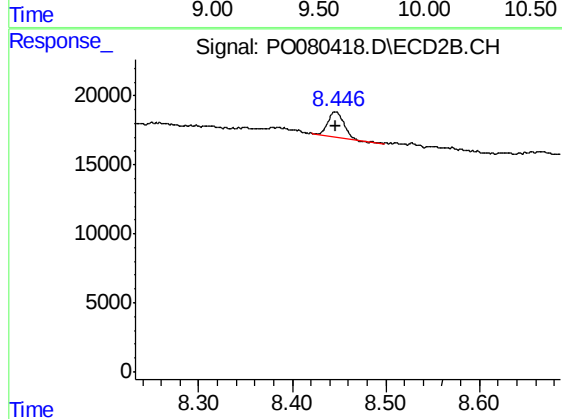
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.



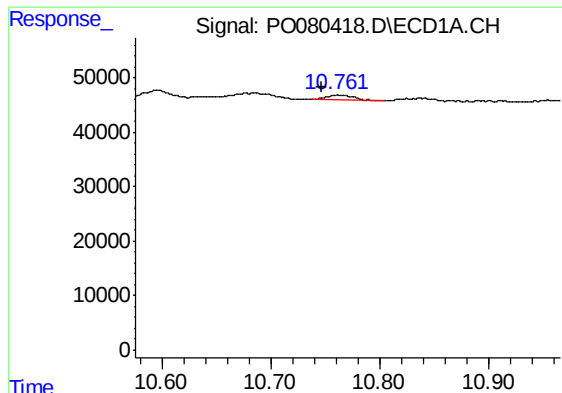
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.634 min
Response: 0
Conc: N.D.



#42 AR-1268-2

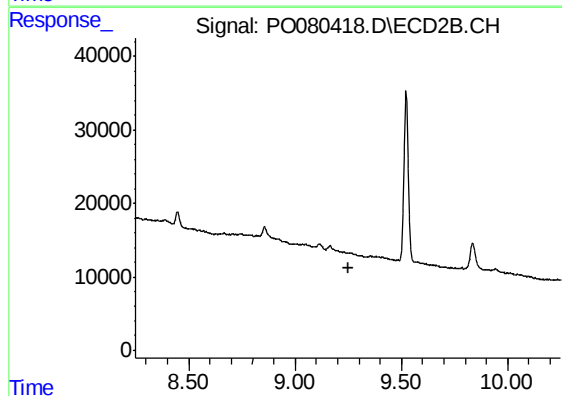
R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 20550
Conc: 6.15 ng/ml



#45 AR-1268-5

R.T.: 10.761 min
Delta R.T.: 0.014 min
Response: 17233
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HED160B-END-1-2



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.249 min
Response: 0
Conc: N.D.