

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072619\
 Data File : P0058394.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Jul 2019 10:38
 Operator : SM/AJ
 Sample : K3989-01DL 4X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K580-S1-02DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 12:14:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.184	3.527	264266	236378	7.798	7.370
2)	SA Decachlor...	9.684	8.422	329973	216352	6.450	6.312
Target Compounds							
3)	L1 AR-1016-1	5.360	0.000	18331	0	11.878	N.D. #
4)	L1 AR-1016-2	5.360	0.000	18331	0	8.116	N.D. #
5)	L1 AR-1016-3	5.491	4.818	39834	92738	28.146	98.789 #
6)	L1 AR-1016-4	5.554	4.818	16783	92738	14.736	119.127 #
7)	L1 AR-1016-5	5.809	5.027	138072	61424	120.369	59.914 #
9)	L2 AR-1221-2	4.493	0.000	21526	0	69.595	N.D. #
10)	L2 AR-1221-3	0.000	3.955	0	149112	N.D.	176.018 #
11)	L3 AR-1232-1	0.000	3.955	0	149112	N.D.	211.525 #
12)	L3 AR-1232-2	5.105	0.000	14571	0	31.506	N.D. #
13)	L3 AR-1232-3	5.360	4.818	18331	92738	18.405	225.340 #
14)	L3 AR-1232-4	5.554	4.885	16783	64370	33.656	175.392 #
15)	L3 AR-1232-5	5.608	5.027	123967	61424	328.765	148.395 #
16)	L4 AR-1242-1	5.360	0.000	18331	0	14.967	N.D. #
17)	L4 AR-1242-2	5.360	0.000	18331	0	9.984	N.D. #
18)	L4 AR-1242-3	5.491	4.818	39834	92738	34.307	120.956 #
19)	L4 AR-1242-4	5.554	4.885	16783	64370	17.801	84.809 #
20)	L4 AR-1242-5	6.249	5.372	260561	399442	225.011	419.201 #
21)	L5 AR-1248-1	5.360	0.000	18331	0	19.609	N.D. #
22)	L5 AR-1248-2	5.608	4.818	123967	92738	92.001	91.009
23)	L5 AR-1248-3	5.809	4.885	138072	64370	89.064	61.236 #
24)	L5 AR-1248-4	6.209	5.027	181997	61424	92.958	47.704 #
25)	L5 AR-1248-5	6.249	5.412	260561	38721	136.717	30.629 #
26)	L6 AR-1254-1	6.209	5.372	181997	399442	92.610	196.050 #
27)	L6 AR-1254-2	6.395	5.518	1153782	661730	352.942	365.169
28)	L6 AR-1254-3	6.761	5.915	1783115	1405260	505.448	479.867
29)	L6 AR-1254-4	7.043	6.171	1490833	302753	503.860	163.860 #
30)	L6 AR-1254-5	7.485	6.578	538176	376770	183.349	138.596
31)	L7 AR-1260-1	6.919	6.041	1165106	784411	465.832	387.327
32)	L7 AR-1260-2	7.175	6.229	1914269	862888	544.466	335.542 #
33)	L7 AR-1260-3	7.525	6.413	700528	38236	238.584	16.765 #
34)	L7 AR-1260-4	7.748	6.843	1352414	189004	495.073	97.613 #
35)	L7 AR-1260-5	8.059	7.118	665635	32459	114.737	7.052 #
36)	L8 AR-1262-1	7.525	6.621	700528	99561	126.797	25.065 #
37)	L8 AR-1262-2	8.059	7.118	665635	32459	78.276	5.025 #
38)	L8 AR-1262-3	8.361	7.392	367643	32712	65.312	11.868 #
39)	L8 AR-1262-4	0.000	7.427	0	306803	N.D.	64.256 #
40)	L8 AR-1262-5	9.025	7.920	77274	92515	27.811	46.515 #
41)	L9 AR-1268-1	8.361	7.392	367643	32712	35.753	4.190 #
42)	L9 AR-1268-2	0.000	7.427	0	306803	N.D.	43.060 #
43)	L9 AR-1268-3	8.625	7.626	44027	36038	5.513	5.983

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 Acq On : 25 Jul 2019 10:38
 Operator : SM/AJ
 Sample : K3989-01DL 4X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

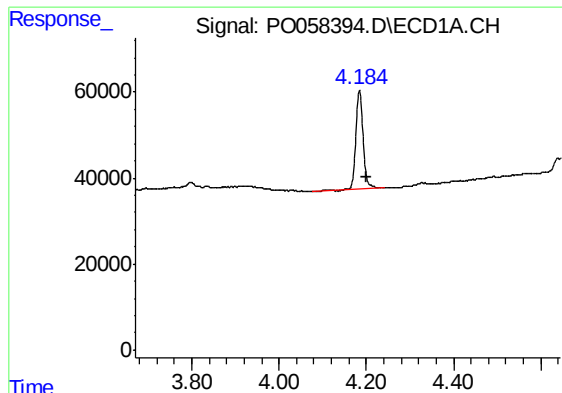
Instrument :
 ECD_O
 ClientSampleId :
 K580-S1-02DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 12:14:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
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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
44) L9	AR-1268-4	9.025	7.920	77274	92515	26.078	44.227 #
45) L9	AR-1268-5	9.391	8.190	91704	90477	4.210	5.426 #

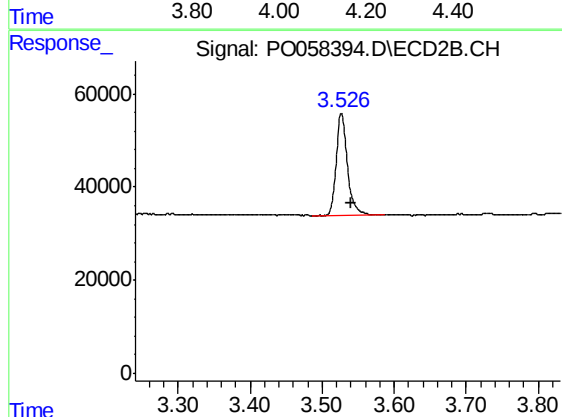
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

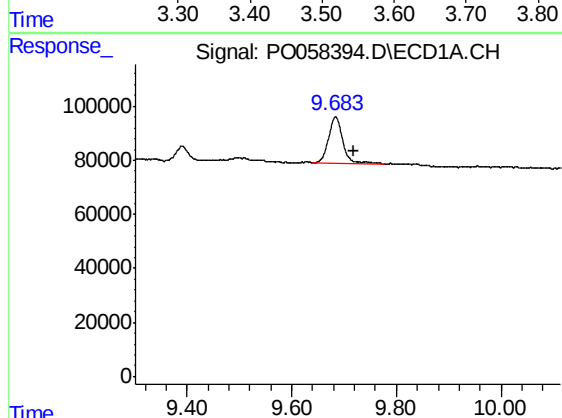
R.T.: 4.184 min
Delta R.T.: -0.016 min
Response: 264266
Conc: 7.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



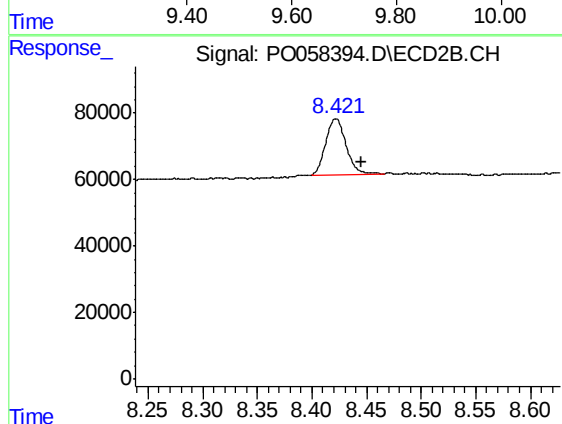
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.013 min
Response: 236378
Conc: 7.37 ng/ml



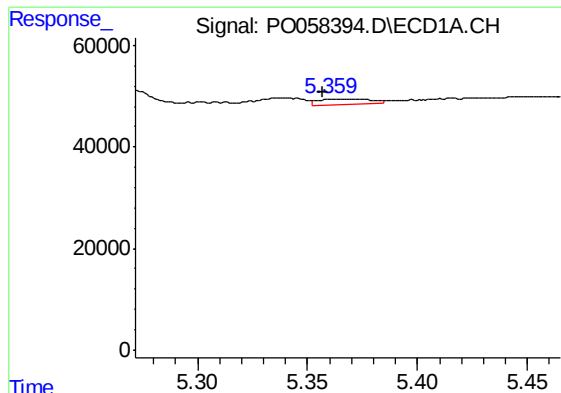
#2 Decachlorobiphenyl

R.T.: 9.684 min
Delta R.T.: -0.034 min
Response: 329973
Conc: 6.45 ng/ml



#2 Decachlorobiphenyl

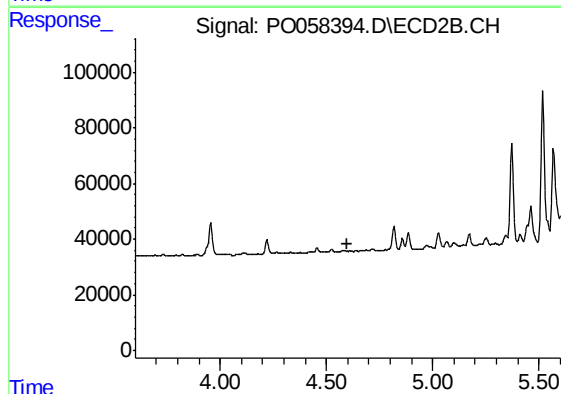
R.T.: 8.422 min
Delta R.T.: -0.023 min
Response: 216352
Conc: 6.31 ng/ml



#3 AR-1016-1

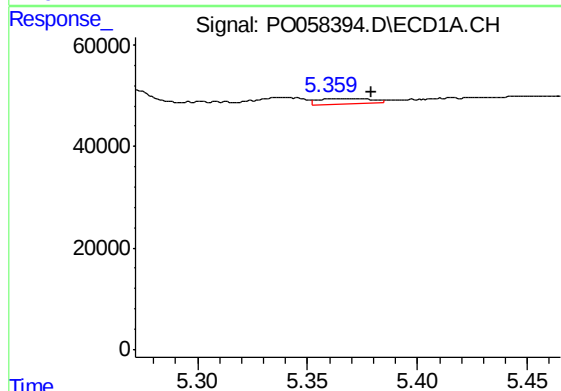
R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 18331
Conc: 11.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



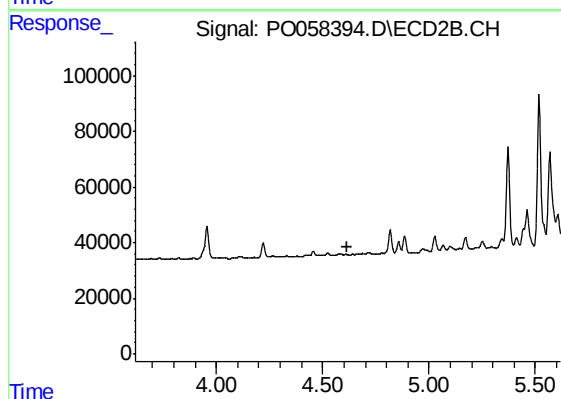
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



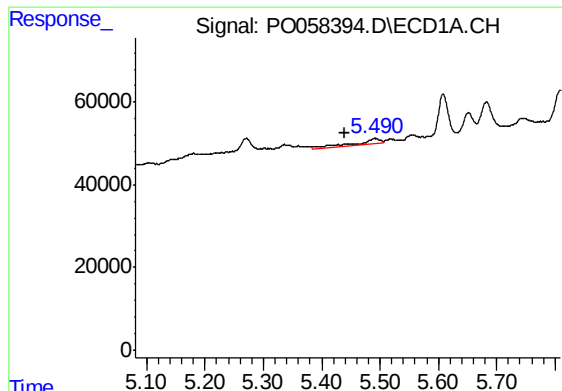
#4 AR-1016-2

R.T.: 5.360 min
Delta R.T.: -0.019 min
Response: 18331
Conc: 8.12 ng/ml



#4 AR-1016-2

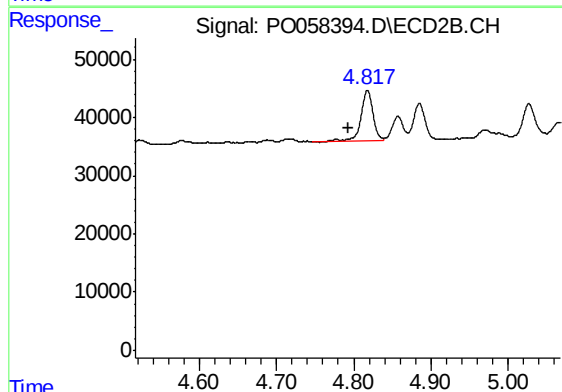
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

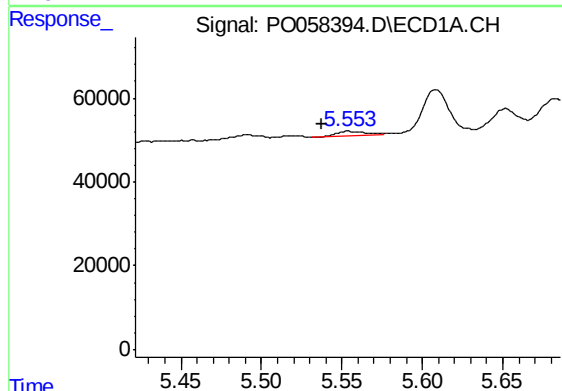
R.T.: 5.491 min
Delta R.T.: 0.052 min
Response: 39834
Conc: 28.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



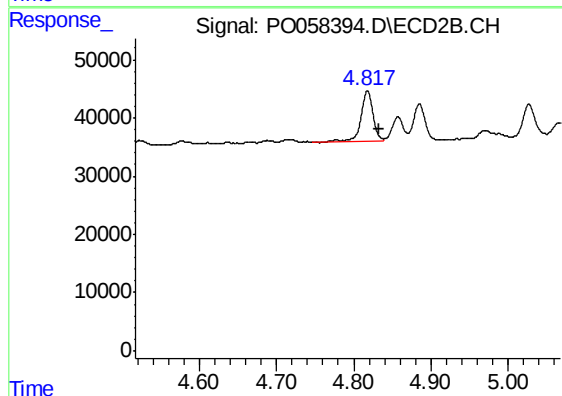
#5 AR-1016-3

R.T.: 4.818 min
Delta R.T.: 0.025 min
Response: 92738
Conc: 98.79 ng/ml



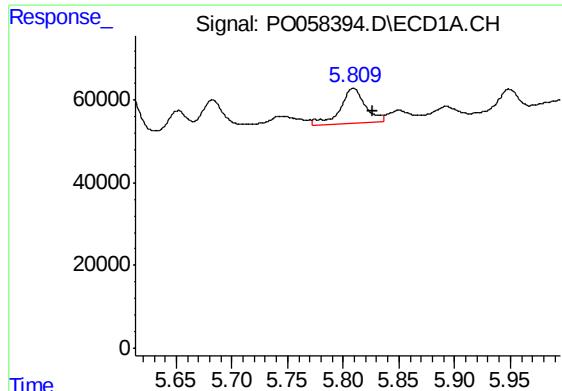
#6 AR-1016-4

R.T.: 5.554 min
Delta R.T.: 0.017 min
Response: 16783
Conc: 14.74 ng/ml



#6 AR-1016-4

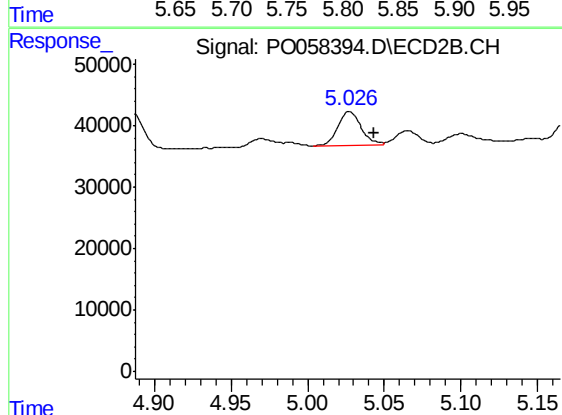
R.T.: 4.818 min
Delta R.T.: -0.015 min
Response: 92738
Conc: 119.13 ng/ml



#7 AR-1016-5

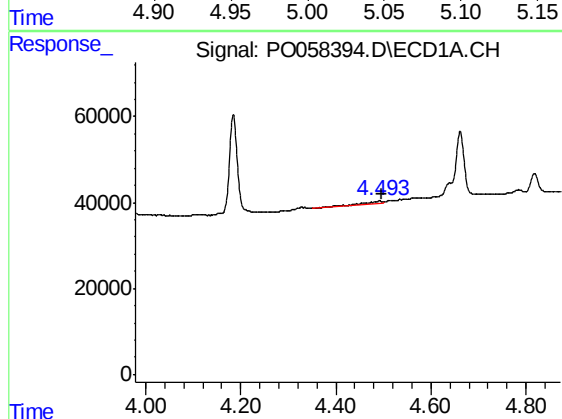
R.T.: 5.809 min
Delta R.T.: -0.017 min
Response: 138072
Conc: 120.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



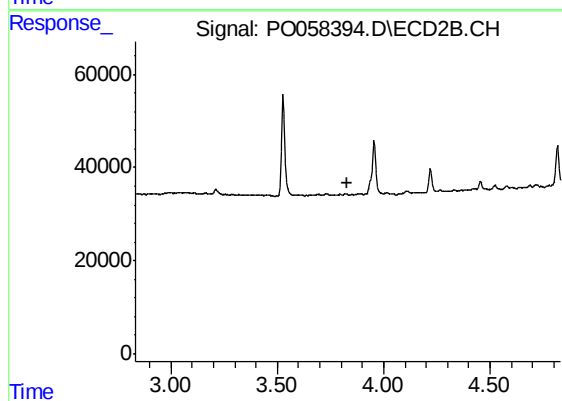
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: -0.016 min
Response: 61424
Conc: 59.91 ng/ml



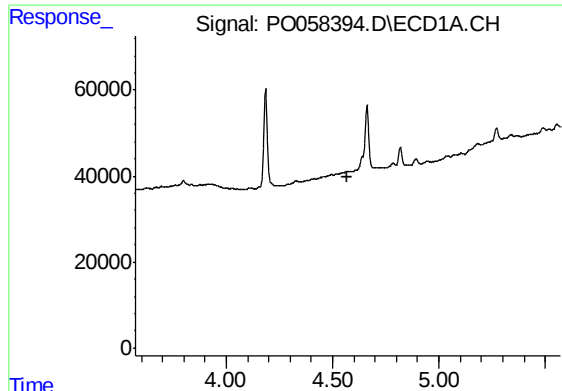
#9 AR-1221-2

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 21526
Conc: 69.60 ng/ml



#9 AR-1221-2

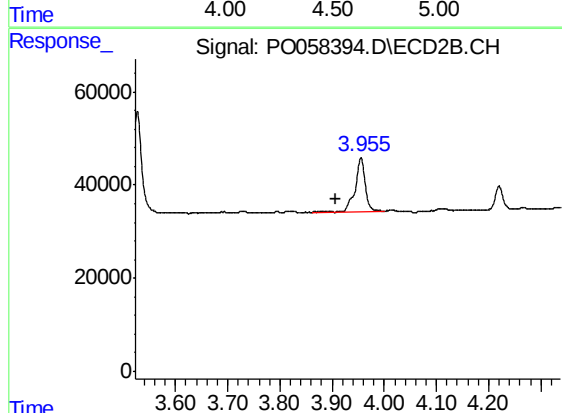
R.T.: 0.000 min
Exp R.T. : 3.832 min
Response: 0
Conc: N.D.



#10 AR-1221-3

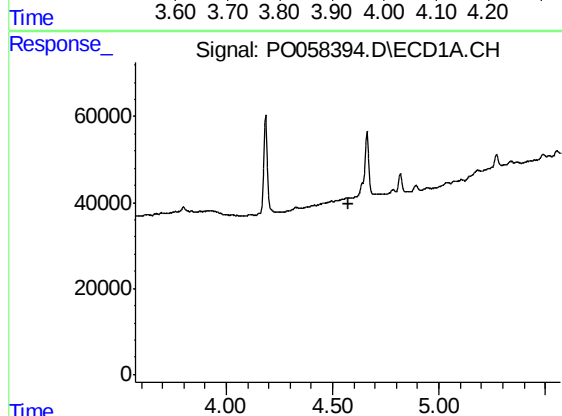
R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



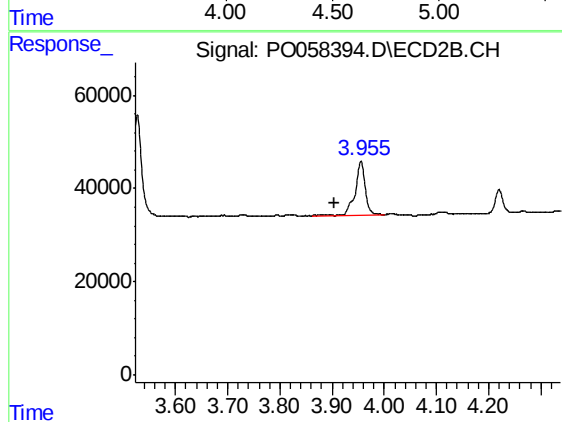
#10 AR-1221-3

R.T.: 3.955 min
Delta R.T.: 0.049 min
Response: 149112
Conc: 176.02 ng/ml



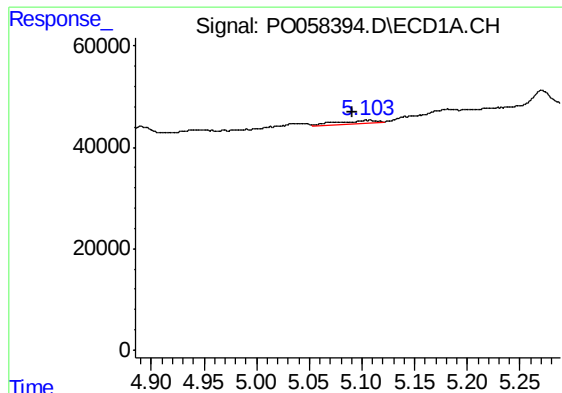
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.



#11 AR-1232-1

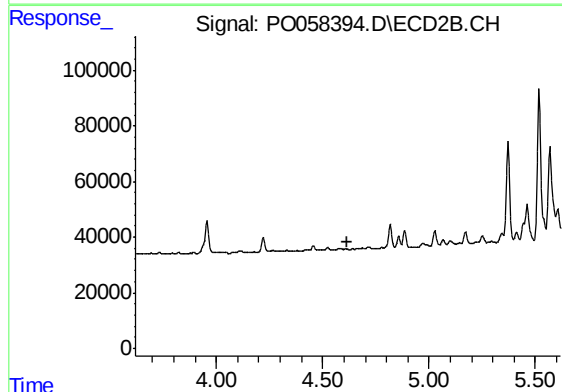
R.T.: 3.955 min
Delta R.T.: 0.050 min
Response: 149112
Conc: 211.53 ng/ml



#12 AR-1232-2

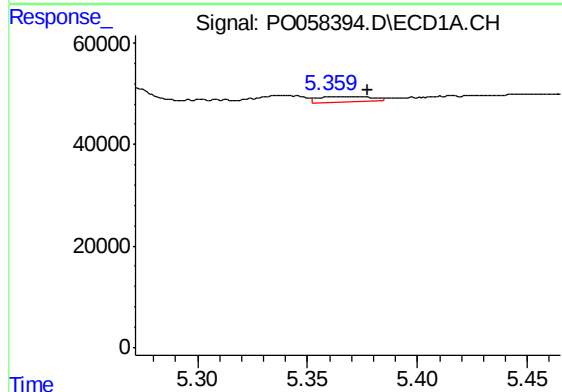
R.T.: 5.105 min
Delta R.T.: 0.013 min
Response: 14571
Conc: 31.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



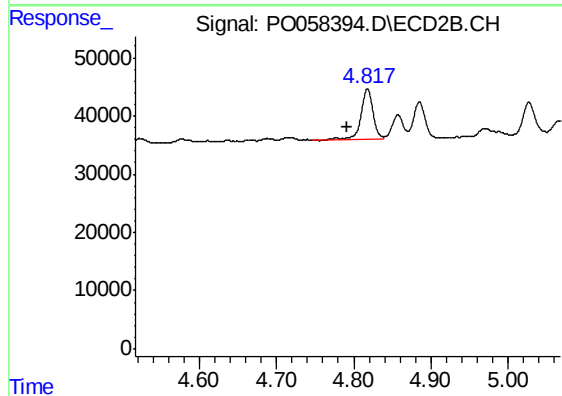
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



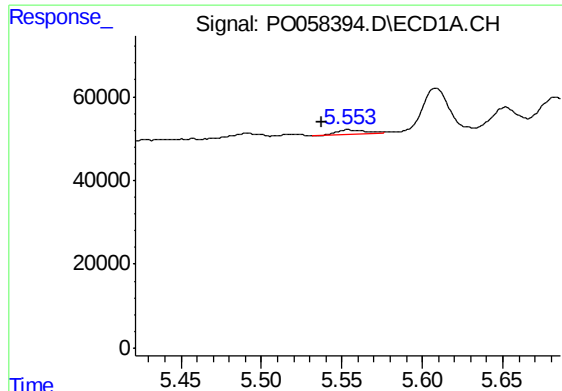
#13 AR-1232-3

R.T.: 5.360 min
Delta R.T.: -0.017 min
Response: 18331
Conc: 18.41 ng/ml



#13 AR-1232-3

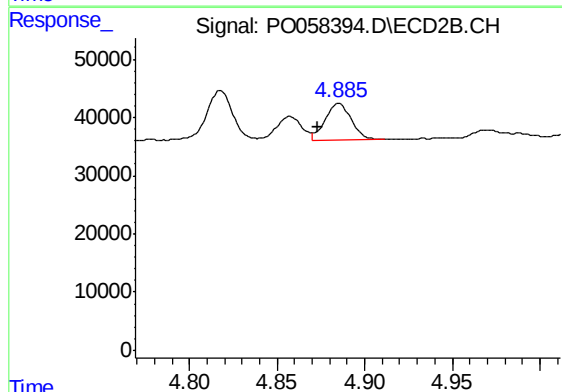
R.T.: 4.818 min
Delta R.T.: 0.026 min
Response: 92738
Conc: 225.34 ng/ml



#14 AR-1232-4

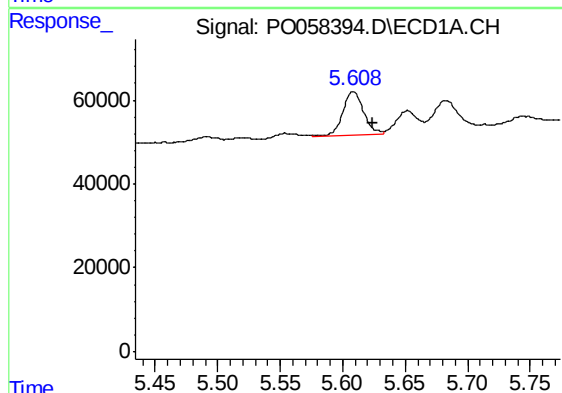
R.T.: 5.554 min
Delta R.T.: 0.017 min
Response: 16783
Conc: 33.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



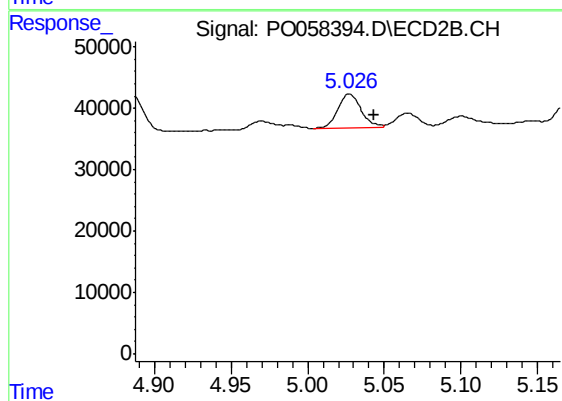
#14 AR-1232-4

R.T.: 4.885 min
Delta R.T.: 0.012 min
Response: 64370
Conc: 175.39 ng/ml



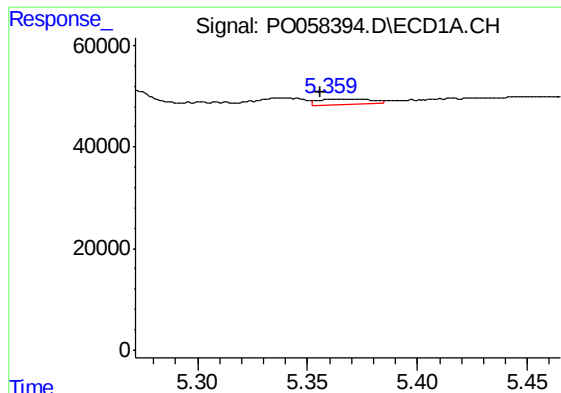
#15 AR-1232-5

R.T.: 5.608 min
Delta R.T.: -0.016 min
Response: 123967
Conc: 328.77 ng/ml



#15 AR-1232-5

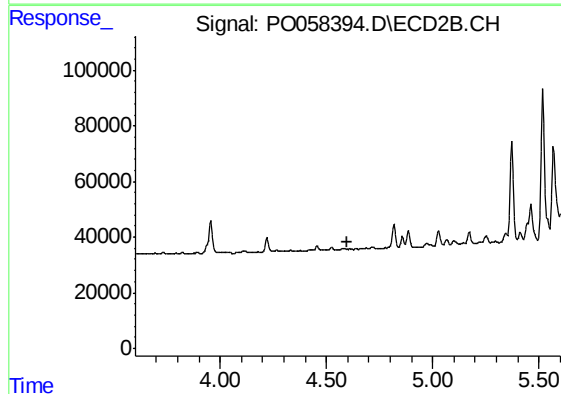
R.T.: 5.027 min
Delta R.T.: -0.016 min
Response: 61424
Conc: 148.40 ng/ml



#16 AR-1242-1

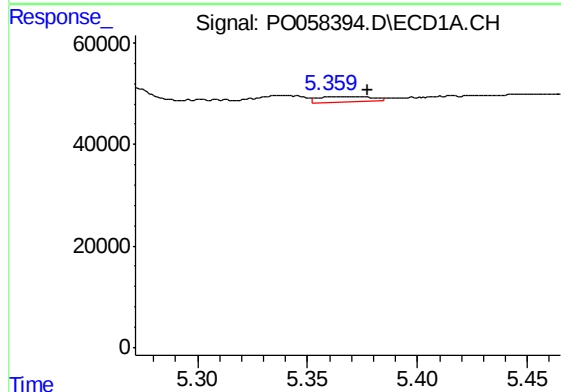
R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 18331
Conc: 14.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



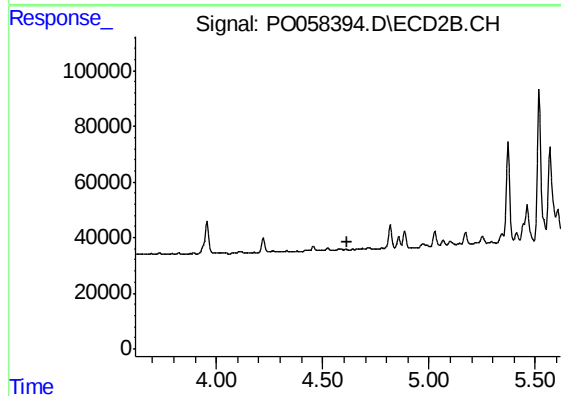
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



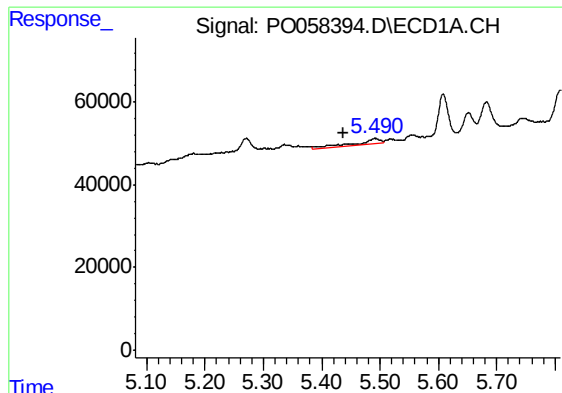
#17 AR-1242-2

R.T.: 5.360 min
Delta R.T.: -0.017 min
Response: 18331
Conc: 9.98 ng/ml



#17 AR-1242-2

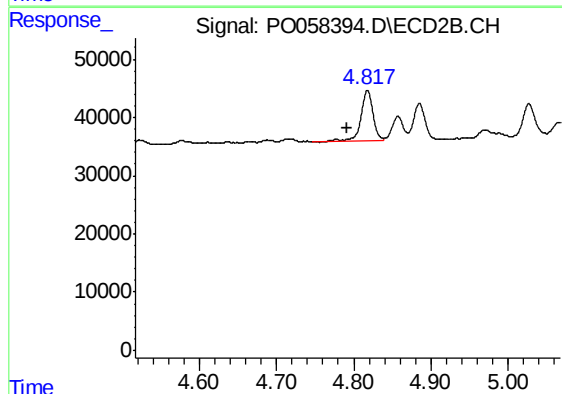
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#18 AR-1242-3

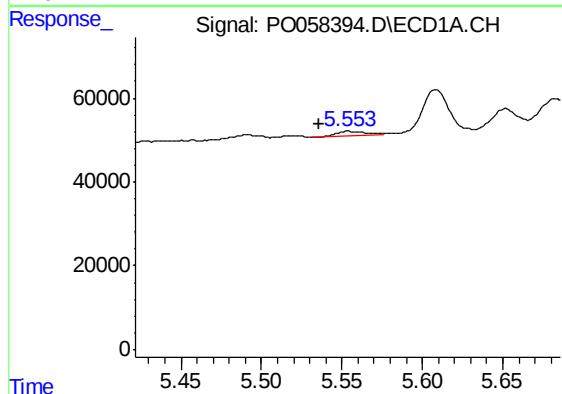
R.T.: 5.491 min
Delta R.T.: 0.053 min
Response: 39834
Conc: 34.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



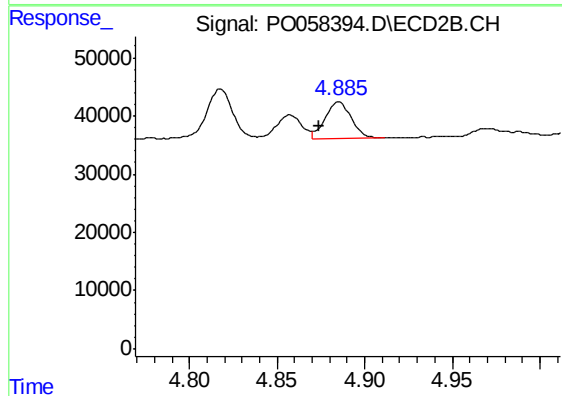
#18 AR-1242-3

R.T.: 4.818 min
Delta R.T.: 0.026 min
Response: 92738
Conc: 120.96 ng/ml



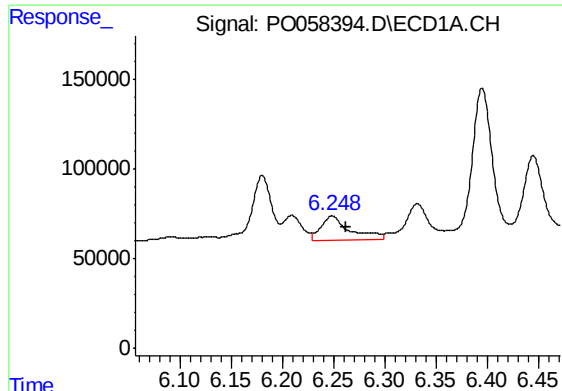
#19 AR-1242-4

R.T.: 5.554 min
Delta R.T.: 0.018 min
Response: 16783
Conc: 17.80 ng/ml



#19 AR-1242-4

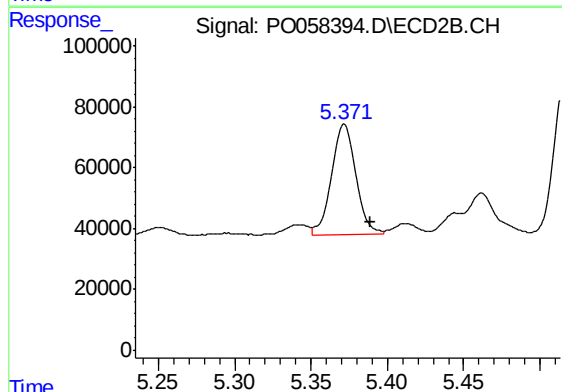
R.T.: 4.885 min
Delta R.T.: 0.011 min
Response: 64370
Conc: 84.81 ng/ml



#20 AR-1242-5

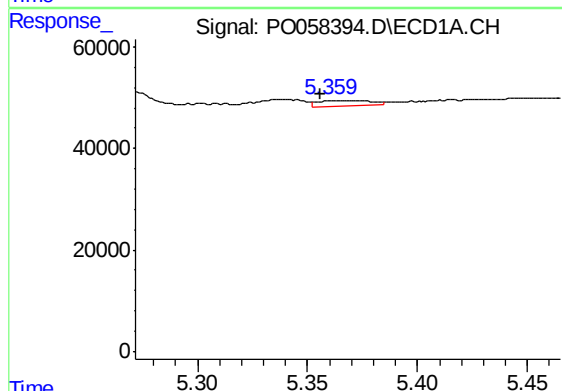
R.T.: 6.249 min
Delta R.T.: -0.014 min
Response: 260561
Conc: 225.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



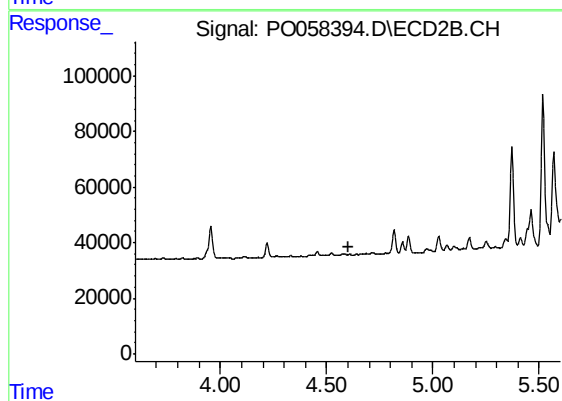
#20 AR-1242-5

R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 399442
Conc: 419.20 ng/ml



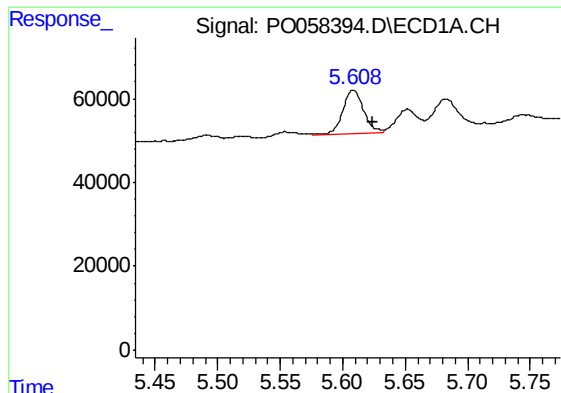
#21 AR-1248-1

R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 18331
Conc: 19.61 ng/ml



#21 AR-1248-1

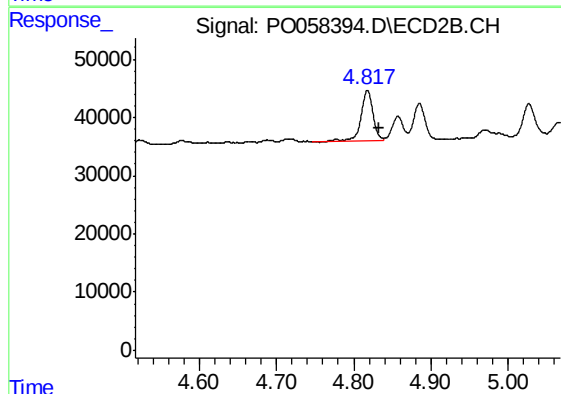
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

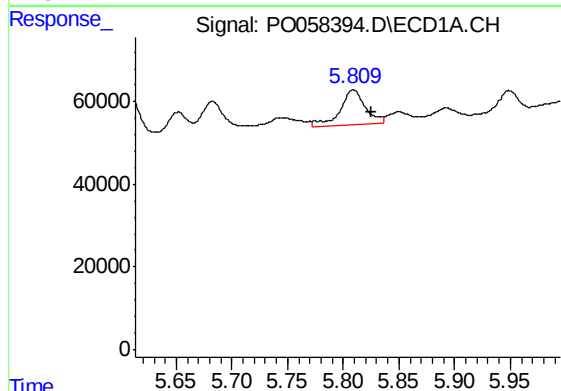
R.T.: 5.608 min
Delta R.T.: -0.016 min
Response: 123967
Conc: 92.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



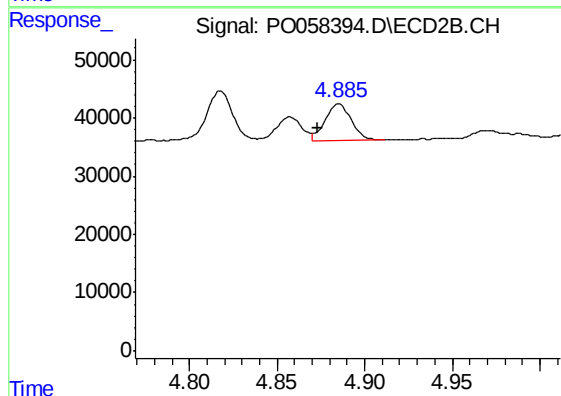
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: -0.015 min
Response: 92738
Conc: 91.01 ng/ml



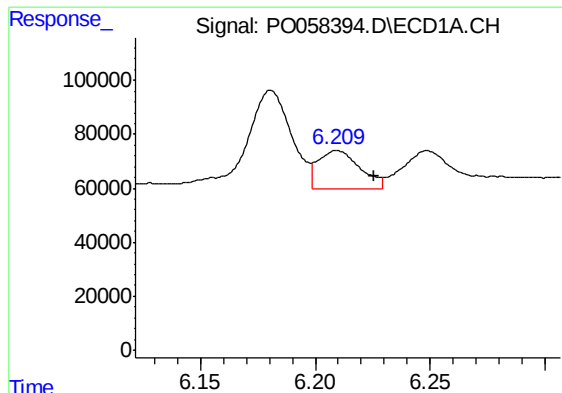
#23 AR-1248-3

R.T.: 5.809 min
Delta R.T.: -0.016 min
Response: 138072
Conc: 89.06 ng/ml



#23 AR-1248-3

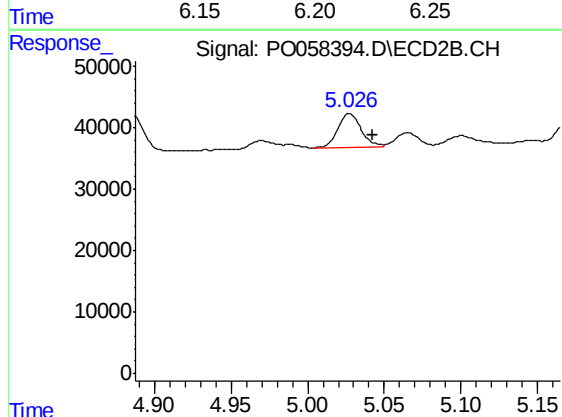
R.T.: 4.885 min
Delta R.T.: 0.012 min
Response: 64370
Conc: 61.24 ng/ml



#24 AR-1248-4

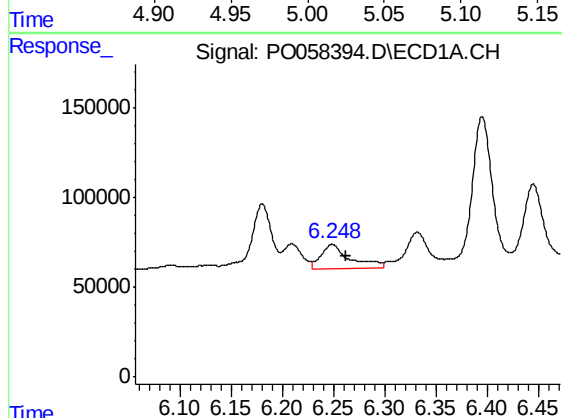
R.T.: 6.209 min
Delta R.T.: -0.016 min
Response: 181997
Conc: 92.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



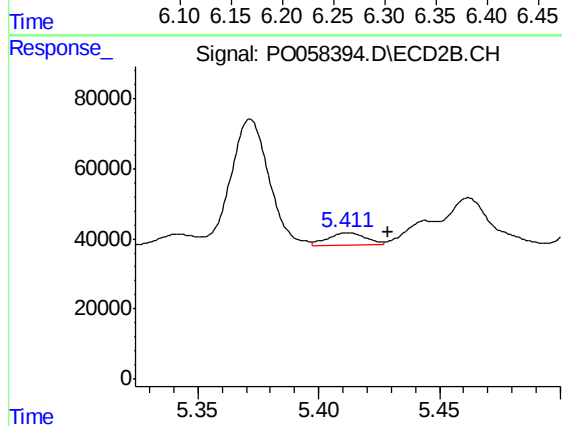
#24 AR-1248-4

R.T.: 5.027 min
Delta R.T.: -0.015 min
Response: 61424
Conc: 47.70 ng/ml



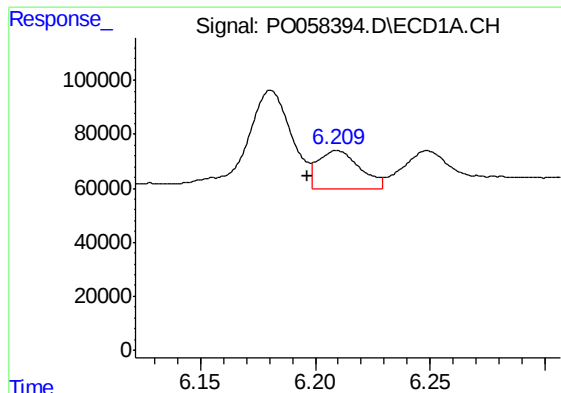
#25 AR-1248-5

R.T.: 6.249 min
Delta R.T.: -0.014 min
Response: 260561
Conc: 136.72 ng/ml



#25 AR-1248-5

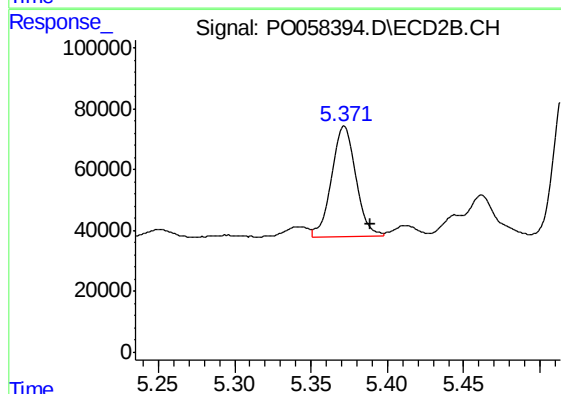
R.T.: 5.412 min
Delta R.T.: -0.017 min
Response: 38721
Conc: 30.63 ng/ml



#26 AR-1254-1

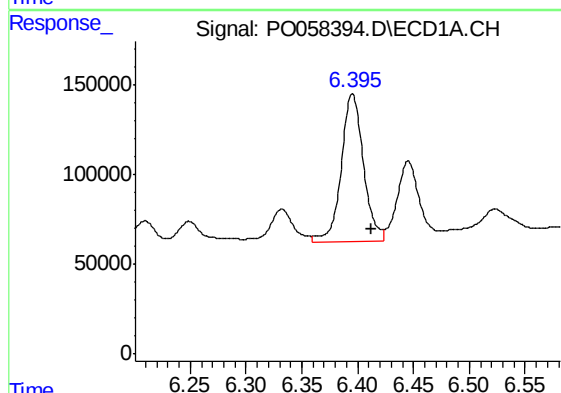
R.T.: 6.209 min
Delta R.T.: 0.013 min
Response: 181997
Conc: 92.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



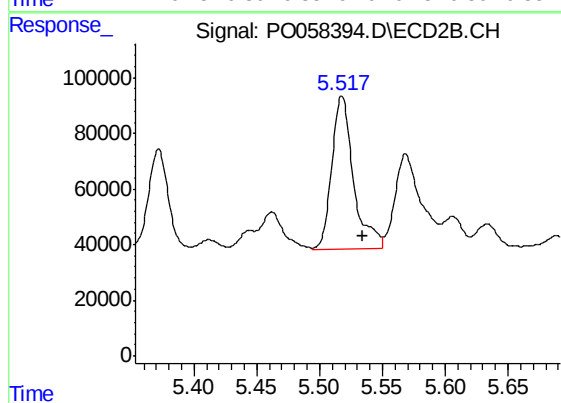
#26 AR-1254-1

R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 399442
Conc: 196.05 ng/ml



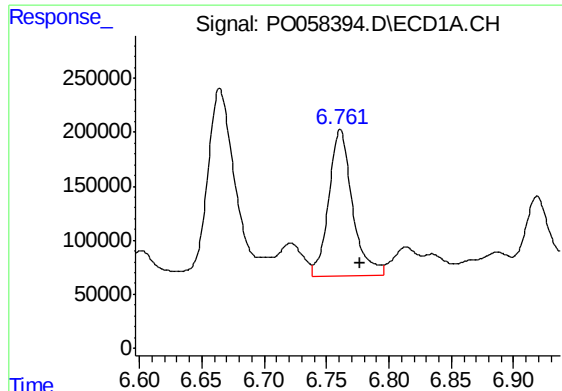
#27 AR-1254-2

R.T.: 6.395 min
Delta R.T.: -0.017 min
Response: 1153782
Conc: 352.94 ng/ml



#27 AR-1254-2

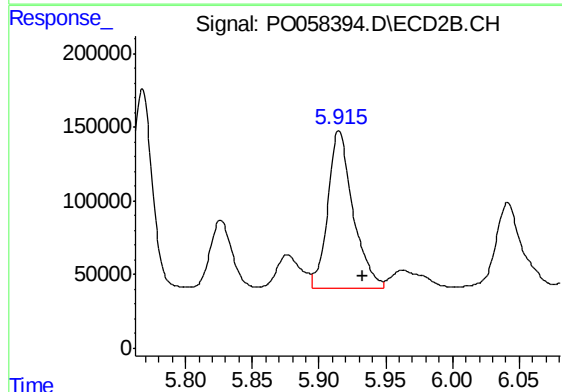
R.T.: 5.518 min
Delta R.T.: -0.017 min
Response: 661730
Conc: 365.17 ng/ml



#28 AR-1254-3

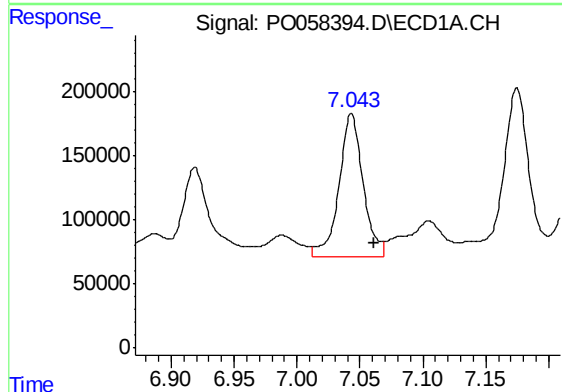
R.T.: 6.761 min
Delta R.T.: -0.016 min
Response: 1783115
Conc: 505.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



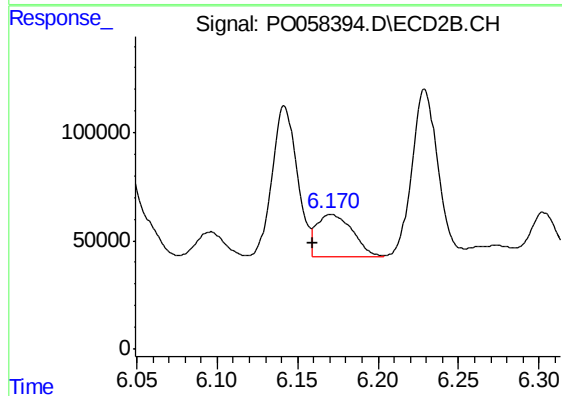
#28 AR-1254-3

R.T.: 5.915 min
Delta R.T.: -0.017 min
Response: 1405260
Conc: 479.87 ng/ml



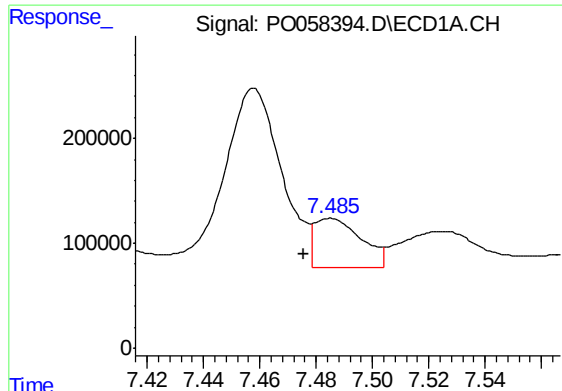
#29 AR-1254-4

R.T.: 7.043 min
Delta R.T.: -0.018 min
Response: 1490833
Conc: 503.86 ng/ml



#29 AR-1254-4

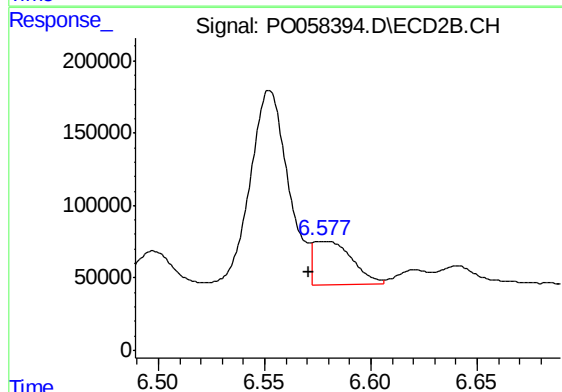
R.T.: 6.171 min
Delta R.T.: 0.012 min
Response: 302753
Conc: 163.86 ng/ml



#30 AR-1254-5

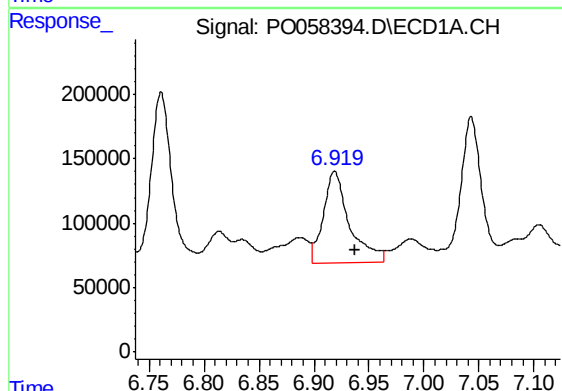
R.T.: 7.485 min
Delta R.T.: 0.010 min
Response: 538176
Conc: 183.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



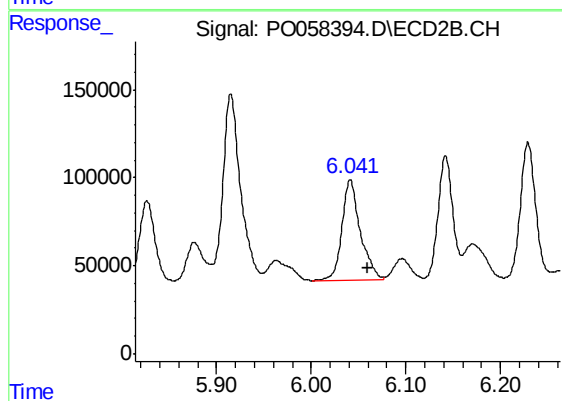
#30 AR-1254-5

R.T.: 6.578 min
Delta R.T.: 0.007 min
Response: 376770
Conc: 138.60 ng/ml



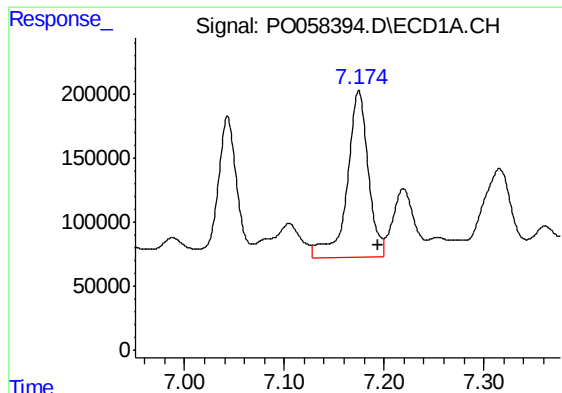
#31 AR-1260-1

R.T.: 6.919 min
Delta R.T.: -0.019 min
Response: 1165106
Conc: 465.83 ng/ml



#31 AR-1260-1

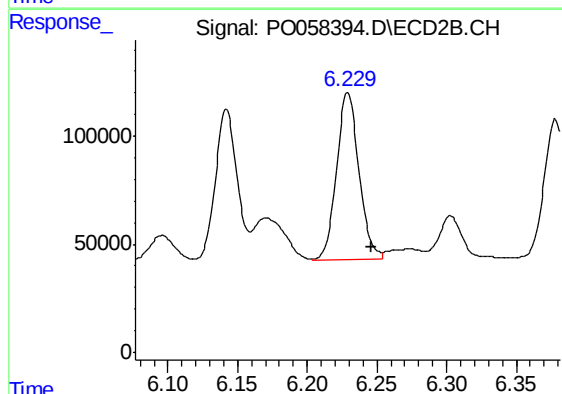
R.T.: 6.041 min
Delta R.T.: -0.018 min
Response: 784411
Conc: 387.33 ng/ml



#32 AR-1260-2

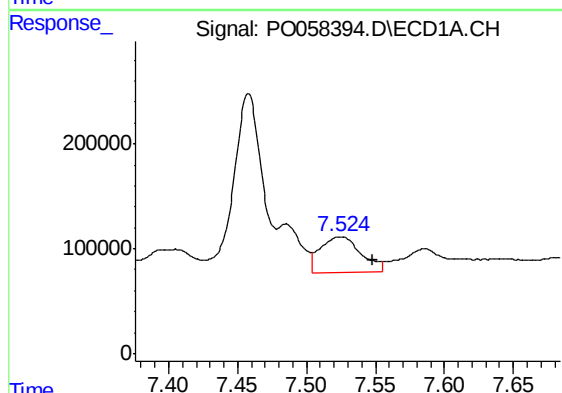
R.T.: 7.175 min
Delta R.T.: -0.019 min
Response: 1914269
Conc: 544.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



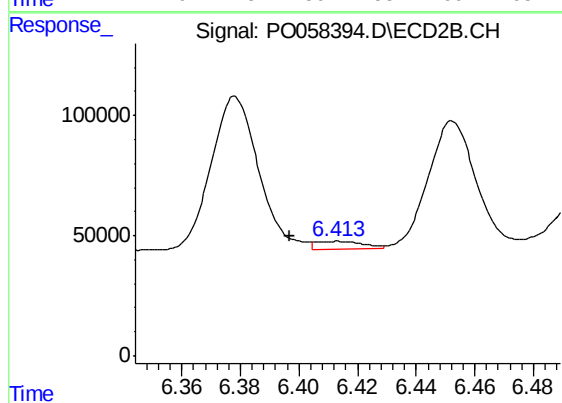
#32 AR-1260-2

R.T.: 6.229 min
Delta R.T.: -0.017 min
Response: 862888
Conc: 335.54 ng/ml



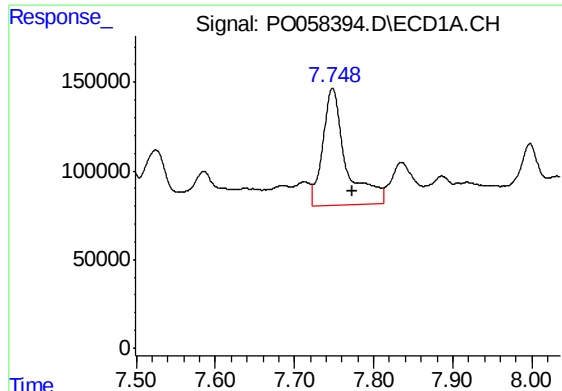
#33 AR-1260-3

R.T.: 7.525 min
Delta R.T.: -0.023 min
Response: 700528
Conc: 238.58 ng/ml



#33 AR-1260-3

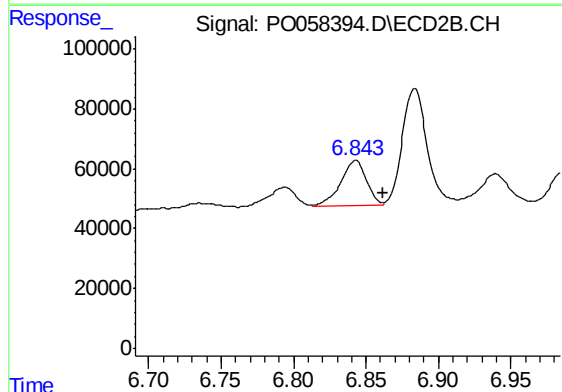
R.T.: 6.413 min
Delta R.T.: 0.016 min
Response: 38236
Conc: 16.76 ng/ml



#34 AR-1260-4

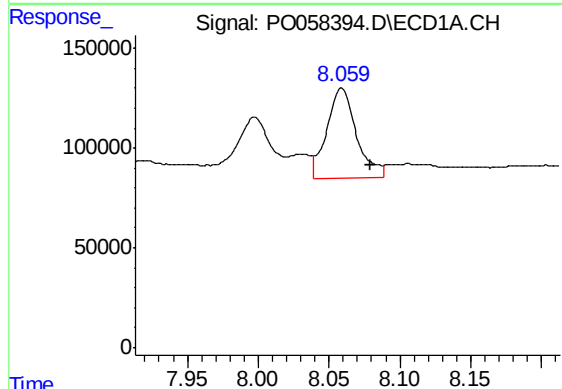
R.T.: 7.748 min
Delta R.T.: -0.025 min
Response: 1352414
Conc: 495.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



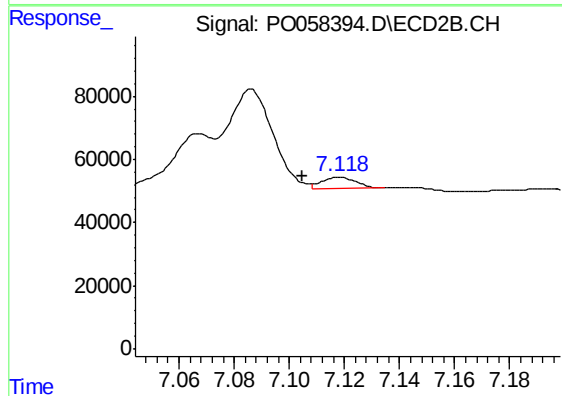
#34 AR-1260-4

R.T.: 6.843 min
Delta R.T.: -0.019 min
Response: 189004
Conc: 97.61 ng/ml



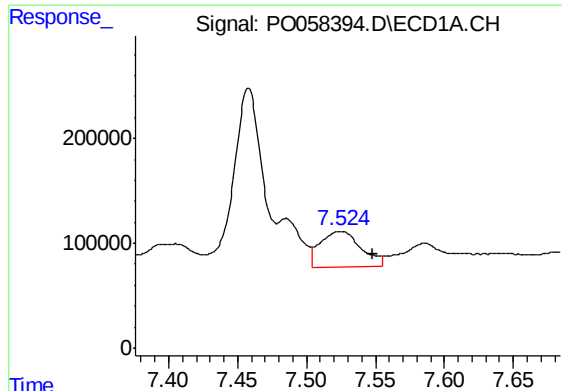
#35 AR-1260-5

R.T.: 8.059 min
Delta R.T.: -0.020 min
Response: 665635
Conc: 114.74 ng/ml



#35 AR-1260-5

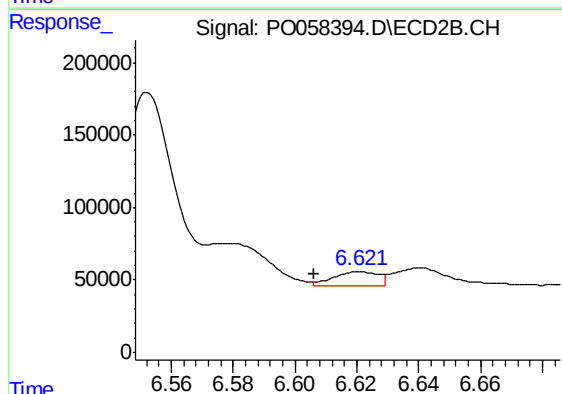
R.T.: 7.118 min
Delta R.T.: 0.013 min
Response: 32459
Conc: 7.05 ng/ml



#36 AR-1262-1

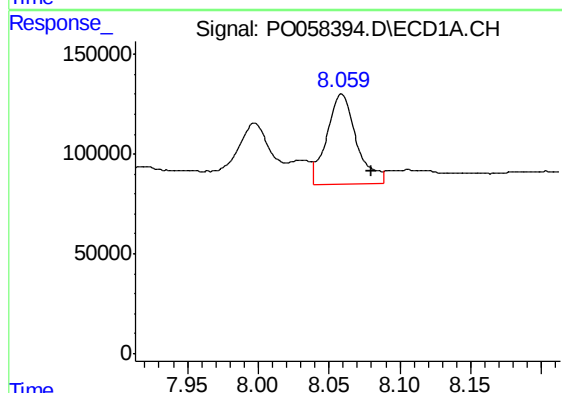
R.T.: 7.525 min
Delta R.T.: -0.023 min
Response: 700528
Conc: 126.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



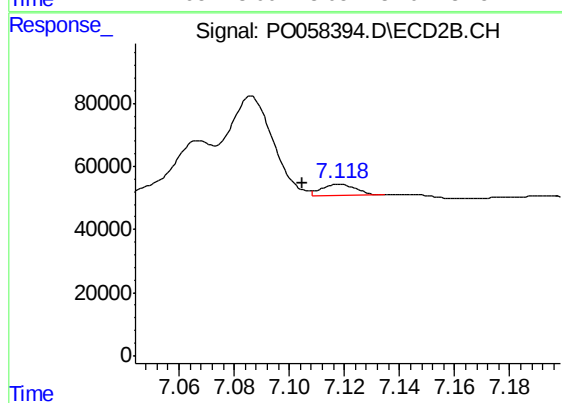
#36 AR-1262-1

R.T.: 6.621 min
Delta R.T.: 0.015 min
Response: 99561
Conc: 25.07 ng/ml



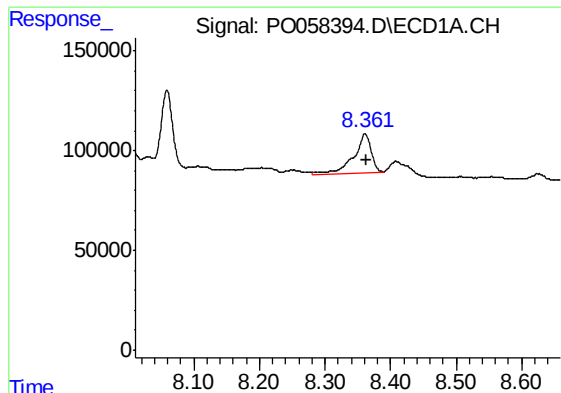
#37 AR-1262-2

R.T.: 8.059 min
Delta R.T.: -0.021 min
Response: 665635
Conc: 78.28 ng/ml



#37 AR-1262-2

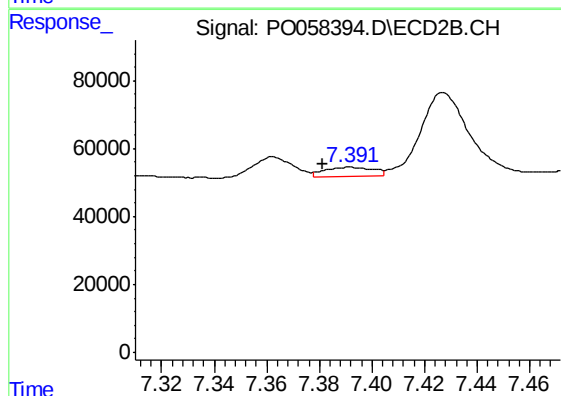
R.T.: 7.118 min
Delta R.T.: 0.013 min
Response: 32459
Conc: 5.03 ng/ml



#38 AR-1262-3

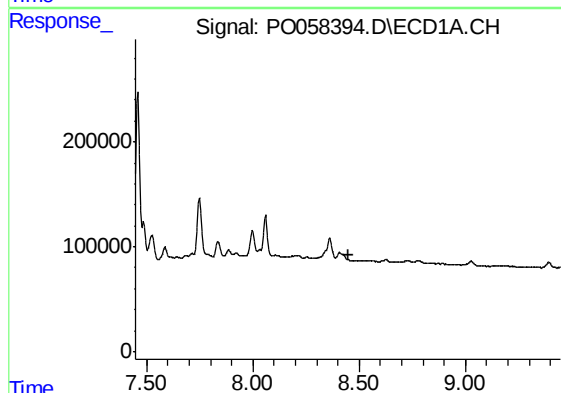
R.T.: 8.361 min
Delta R.T.: -0.002 min
Response: 367643
Conc: 65.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



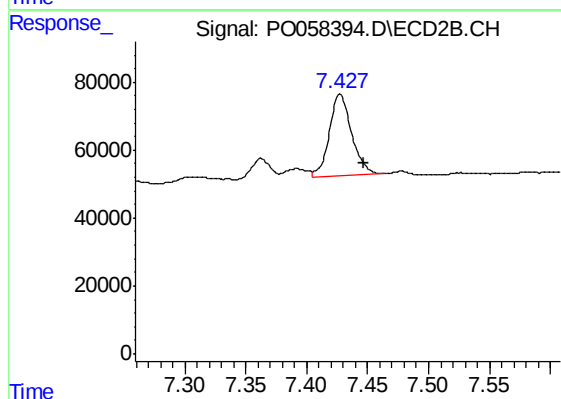
#38 AR-1262-3

R.T.: 7.392 min
Delta R.T.: 0.010 min
Response: 32712
Conc: 11.87 ng/ml



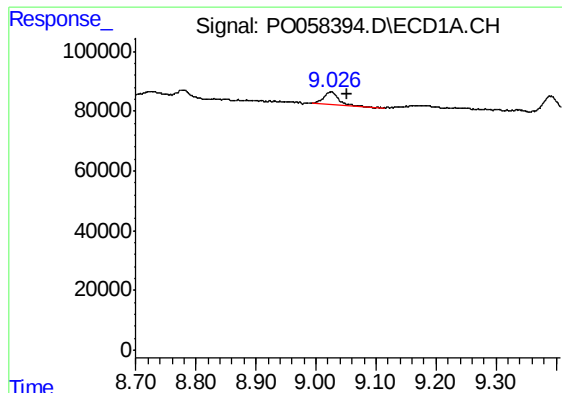
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#39 AR-1262-4

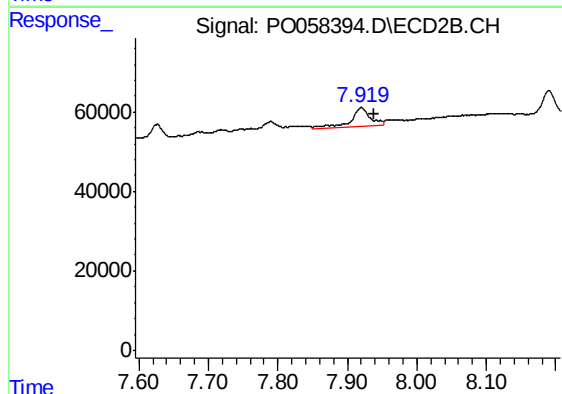
R.T.: 7.427 min
Delta R.T.: -0.020 min
Response: 306803
Conc: 64.26 ng/ml



#40 AR-1262-5

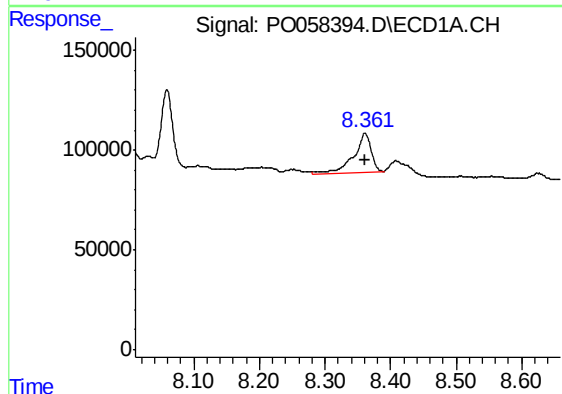
R.T.: 9.025 min
Delta R.T.: -0.027 min
Response: 77274
Conc: 27.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



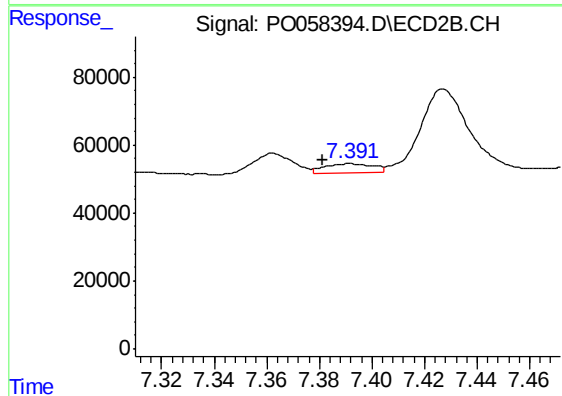
#40 AR-1262-5

R.T.: 7.920 min
Delta R.T.: -0.019 min
Response: 92515
Conc: 46.51 ng/ml



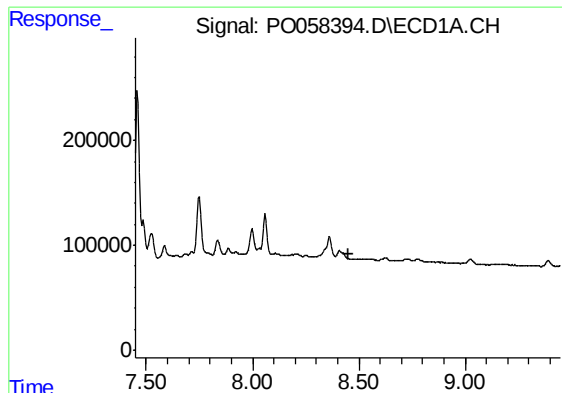
#41 AR-1268-1

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 367643
Conc: 35.75 ng/ml



#41 AR-1268-1

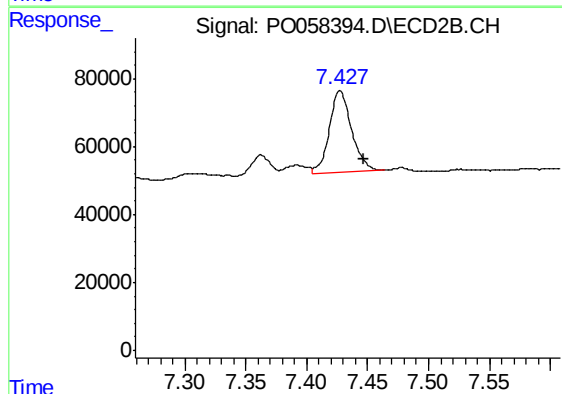
R.T.: 7.392 min
Delta R.T.: 0.010 min
Response: 32712
Conc: 4.19 ng/ml



#42 AR-1268-2

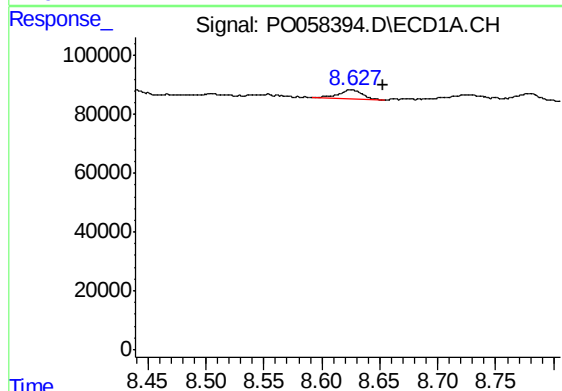
R.T.: 0.000 min
Exp R.T.: 8.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



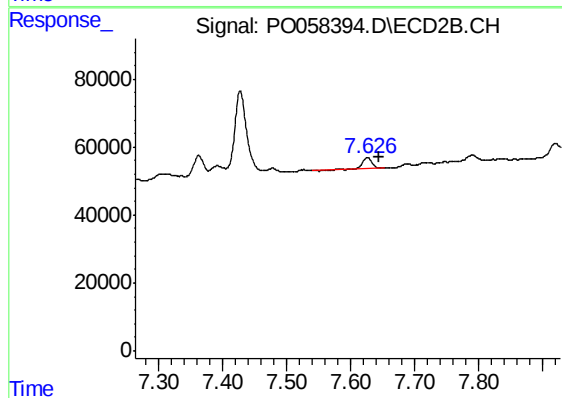
#42 AR-1268-2

R.T.: 7.427 min
Delta R.T.: -0.020 min
Response: 306803
Conc: 43.06 ng/ml



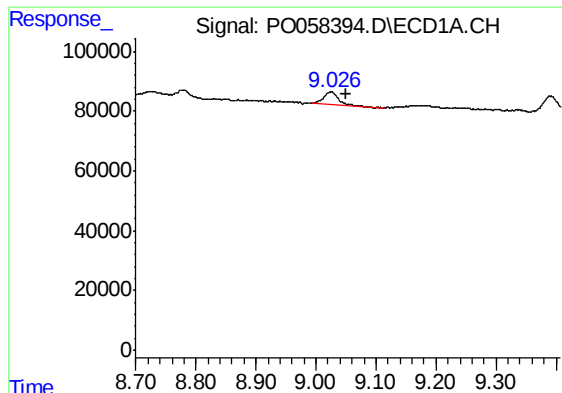
#43 AR-1268-3

R.T.: 8.625 min
Delta R.T.: -0.028 min
Response: 44027
Conc: 5.51 ng/ml



#43 AR-1268-3

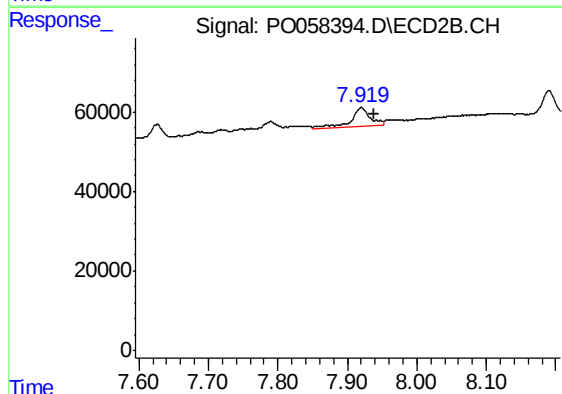
R.T.: 7.626 min
Delta R.T.: -0.019 min
Response: 36038
Conc: 5.98 ng/ml



#44 AR-1268-4

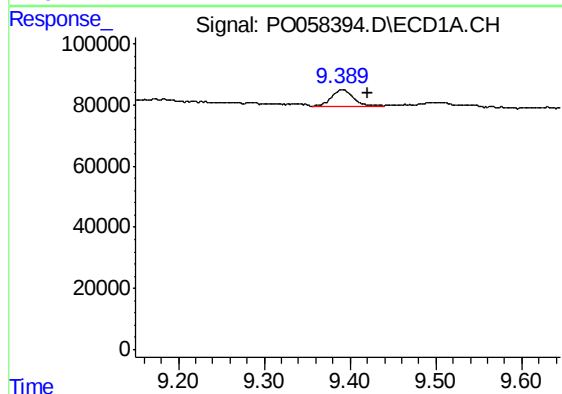
R.T.: 9.025 min
Delta R.T.: -0.025 min
Response: 77274
Conc: 26.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S1-02DL



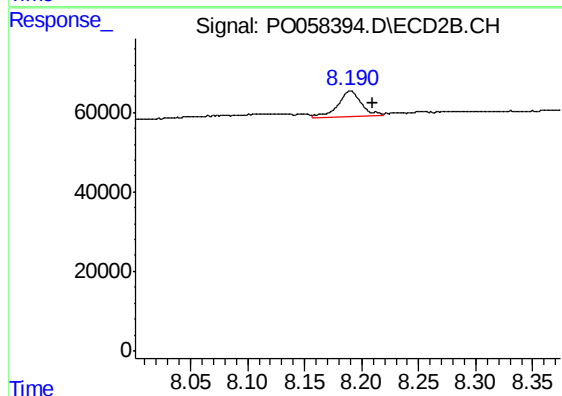
#44 AR-1268-4

R.T.: 7.920 min
Delta R.T.: -0.019 min
Response: 92515
Conc: 44.23 ng/ml



#45 AR-1268-5

R.T.: 9.391 min
Delta R.T.: -0.029 min
Response: 91704
Conc: 4.21 ng/ml



#45 AR-1268-5

R.T.: 8.190 min
Delta R.T.: -0.020 min
Response: 90477
Conc: 5.43 ng/ml