

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102419\
 Data File : P0063135.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Oct 2019 20:11
 Operator : HP/AJ
 Sample : K5499-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 702-27-(0-1)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:14:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

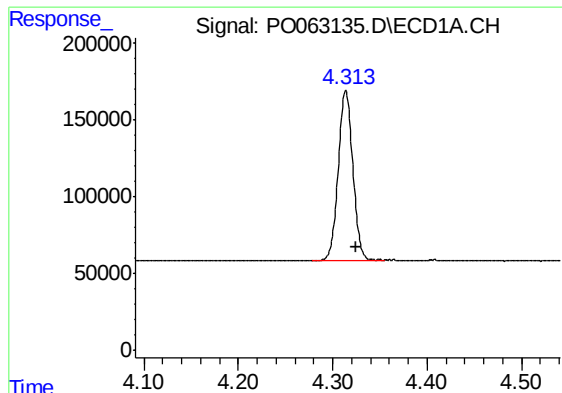
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.314	3.476	1177507	886172	19.039	20.666
2)	SA Decachlor...	9.932	8.320	689588	436772	12.324	14.886
Target Compounds							
3)	L1 AR-1016-1	0.000	4.543	0	42694	N.D.	27.295 #
4)	L1 AR-1016-2	0.000	4.543	0	42694	N.D.	18.356 #
5)	L1 AR-1016-3	5.631	0.000	163774	0	79.140	N.D. #
6)	L1 AR-1016-4	5.631	0.000	163774	0	96.627	N.D. #
7)	L1 AR-1016-5	5.906	4.902	16261	117815	9.144	91.361 #
10)	L2 AR-1221-3	0.000	3.880	0	60012	N.D.	50.996 #
11)	L3 AR-1232-1	0.000	3.880	0	60012	N.D.	38.730 #
12)	L3 AR-1232-2	0.000	4.543	0	42694	N.D.	24.729 #
14)	L3 AR-1232-4	5.631	0.000	163774	0	127.403	N.D. #
15)	L3 AR-1232-5	0.000	4.902	0	117815	N.D.	133.401 #
16)	L4 AR-1242-1	0.000	4.543	0	42694	N.D.	35.500 #
17)	L4 AR-1242-2	0.000	4.543	0	42694	N.D.	23.969 #
18)	L4 AR-1242-3	5.631	0.000	163774	0	100.282	N.D. #
19)	L4 AR-1242-4	5.631	0.000	163774	0	121.318	N.D. #
20)	L4 AR-1242-5	6.353	5.298	67163	173536	43.942	145.428 #
21)	L5 AR-1248-1	0.000	4.543	0	42694	N.D.	43.488 #
23)	L5 AR-1248-3	5.906	0.000	16261	0	7.362	N.D. #
24)	L5 AR-1248-4	6.353	4.902	67163	117815	26.290	74.455 #
25)	L5 AR-1248-5	6.353	5.298	67163	173536	27.468	112.759 #
26)	L6 AR-1254-1	6.326	5.298	184415	173536	69.183	70.953
27)	L6 AR-1254-2	6.542	5.438	176845	51986	43.255	24.546 #
28)	L6 AR-1254-3	6.928	5.831	104712	231014	25.026	70.903 #
29)	L6 AR-1254-4	7.186	6.054	78717	45402	26.123	23.507
30)	L6 AR-1254-5	7.632	6.462	58826	228422	18.771	86.484 #
31)	L7 AR-1260-1	7.064	5.958	283765	260032	99.667	122.383
32)	L7 AR-1260-2	7.318	6.143	243840	184645	71.079	72.763
33)	L7 AR-1260-3	7.677	6.291	175450	149775	66.305	66.328
34)	L7 AR-1260-4	7.900	6.753	167690	101747	59.953	57.947
35)	L7 AR-1260-5	8.213	6.994	274050	223142	52.343	61.942
36)	L8 AR-1262-1	7.677	6.553	175450	70699	42.742	59.323 #
37)	L8 AR-1262-2	8.213	6.994	274050	223142	42.501	53.106
38)	L8 AR-1262-3	8.527	7.271	169705	42735	38.592	24.298 #
39)	L8 AR-1262-4	8.579	7.333	90931	163215	26.319	53.389 #
40)	L8 AR-1262-5	9.225	7.823	59587	32678	26.381	25.021
41)	L9 AR-1268-1	8.527	7.271	169705	42735	22.418	9.126 #
42)	L9 AR-1268-2	8.579	7.333	90931	163215	12.944	39.068 #
44)	L9 AR-1268-4	9.225	7.823	59587	32678	25.079	22.934

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

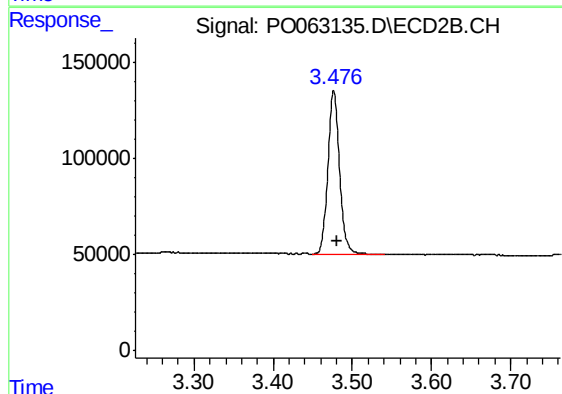
Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



#1 Tetrachloro-m-xylene

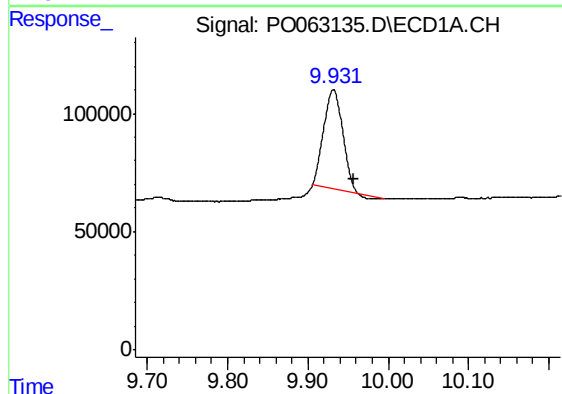
R.T.: 4.314 min
Delta R.T.: -0.011 min
Response: 1177507
Conc: 19.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



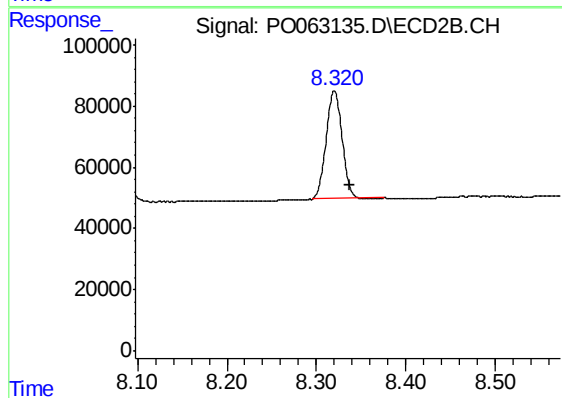
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: -0.005 min
Response: 886172
Conc: 20.67 ng/ml



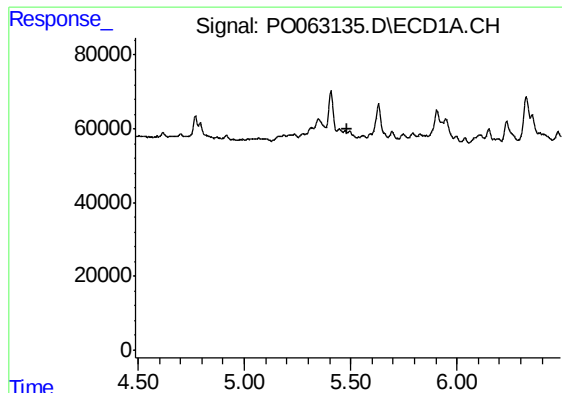
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.025 min
Response: 689588
Conc: 12.32 ng/ml



#2 Decachlorobiphenyl

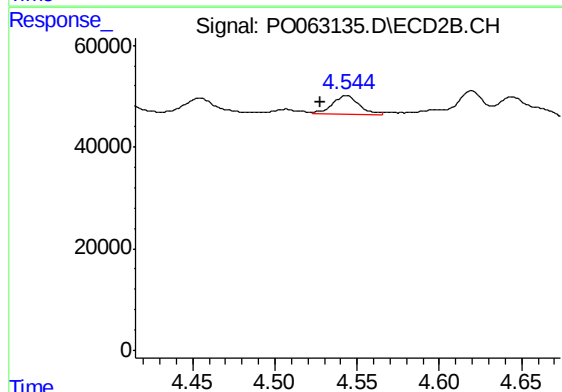
R.T.: 8.320 min
Delta R.T.: -0.018 min
Response: 436772
Conc: 14.89 ng/ml



#3 AR-1016-1

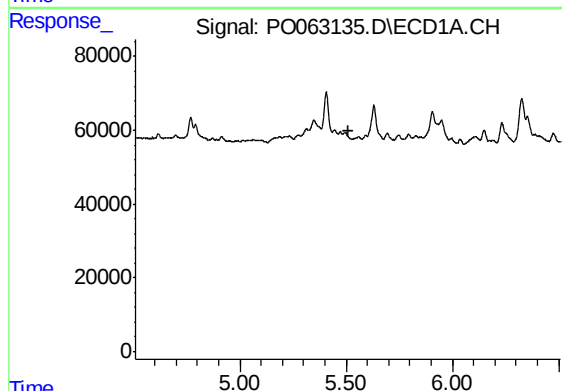
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



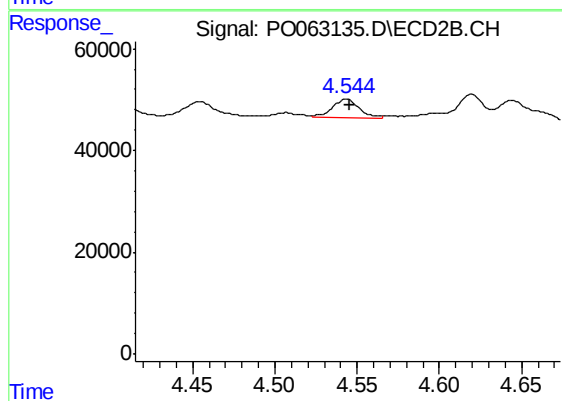
#3 AR-1016-1

R.T.: 4.543 min
Delta R.T.: 0.015 min
Response: 42694
Conc: 27.30 ng/ml



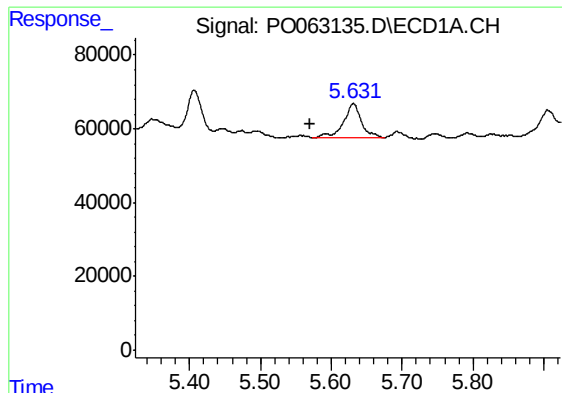
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.



#4 AR-1016-2

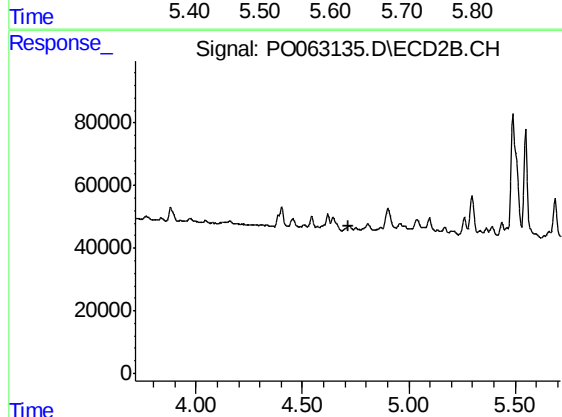
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 42694
Conc: 18.36 ng/ml



#5 AR-1016-3

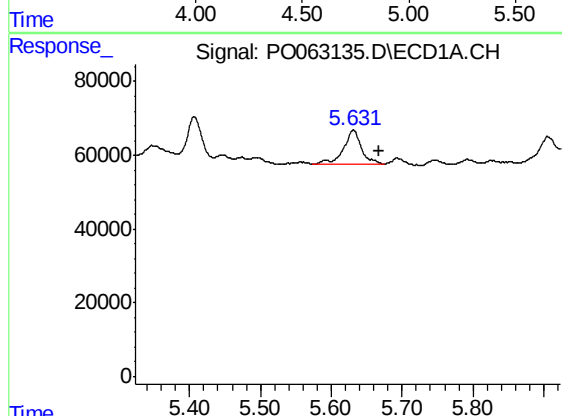
R.T.: 5.631 min
Delta R.T.: 0.060 min
Response: 163774
Conc: 79.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



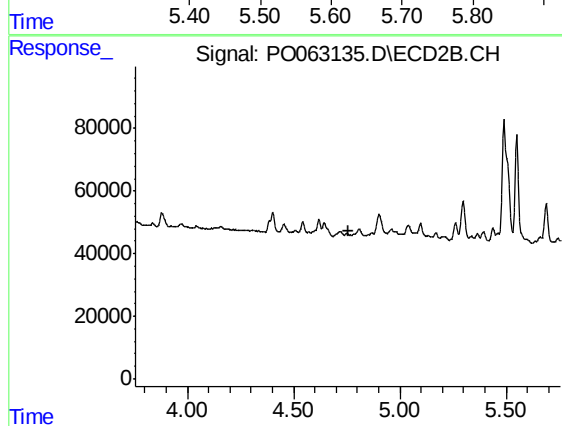
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.714 min
Response: 0
Conc: N.D.



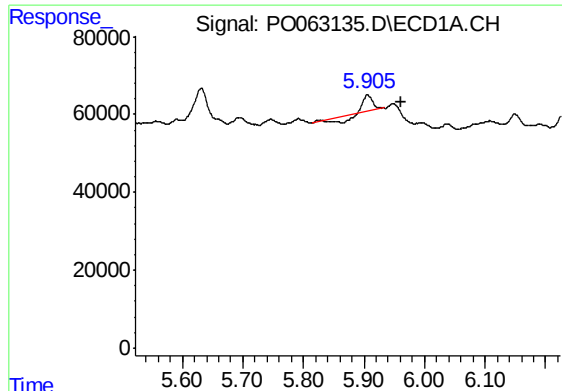
#6 AR-1016-4

R.T.: 5.631 min
Delta R.T.: -0.037 min
Response: 163774
Conc: 96.63 ng/ml



#6 AR-1016-4

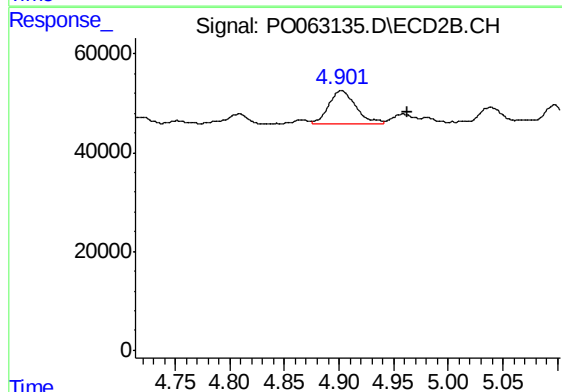
R.T.: 0.000 min
Exp R.T. : 4.756 min
Response: 0
Conc: N.D.



#7 AR-1016-5

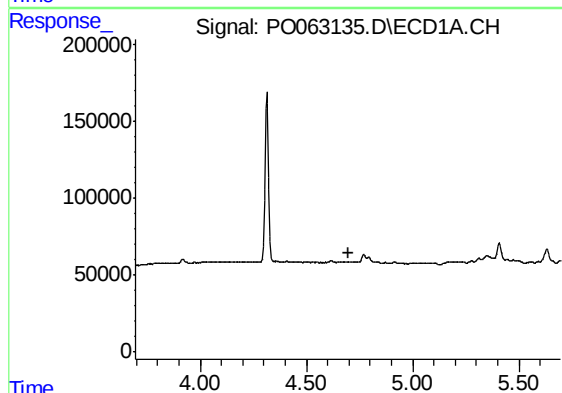
R.T.: 5.906 min
Delta R.T.: -0.056 min
Response: 16261
Conc: 9.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



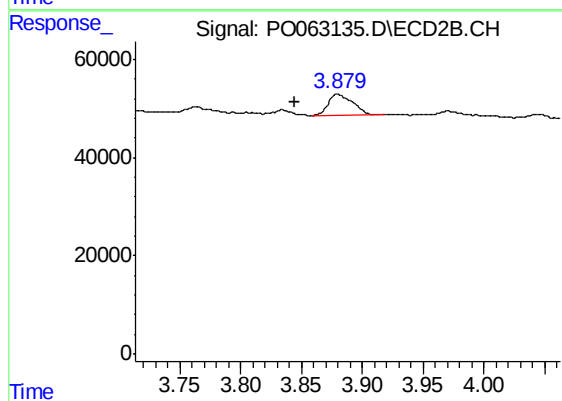
#7 AR-1016-5

R.T.: 4.902 min
Delta R.T.: -0.061 min
Response: 117815
Conc: 91.36 ng/ml



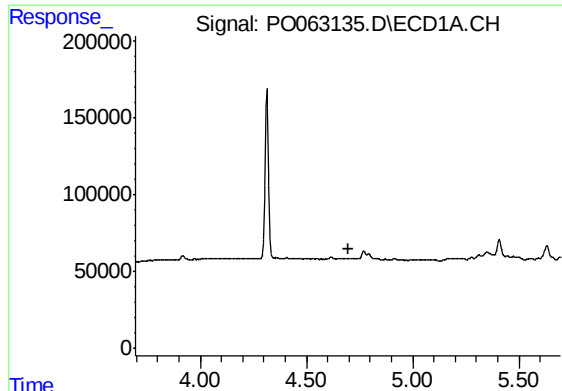
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



#10 AR-1221-3

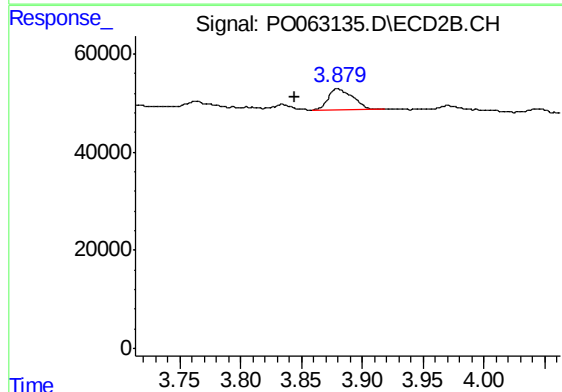
R.T.: 3.880 min
Delta R.T.: 0.035 min
Response: 60012
Conc: 51.00 ng/ml



#11 AR-1232-1

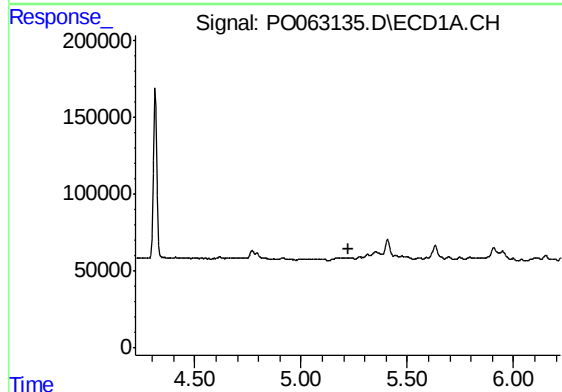
R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



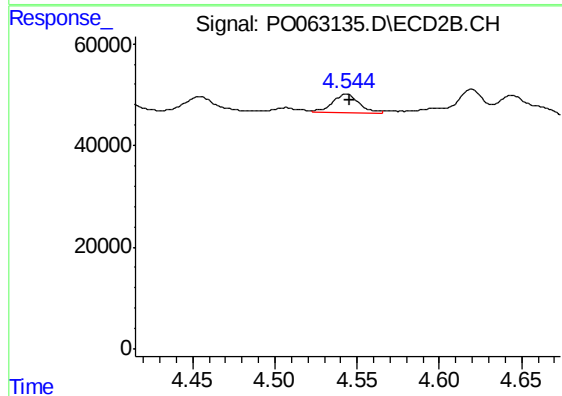
#11 AR-1232-1

R.T.: 3.880 min
Delta R.T.: 0.035 min
Response: 60012
Conc: 38.73 ng/ml



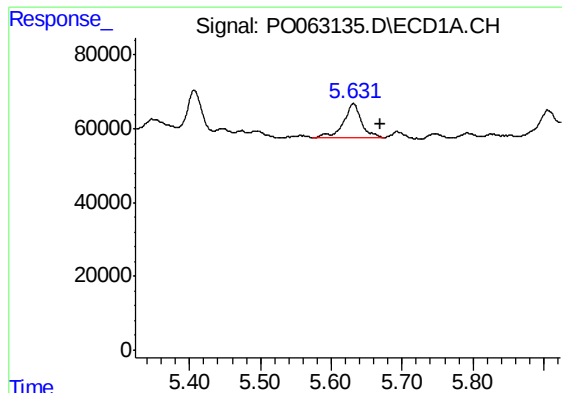
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.221 min
Response: 0
Conc: N.D.



#12 AR-1232-2

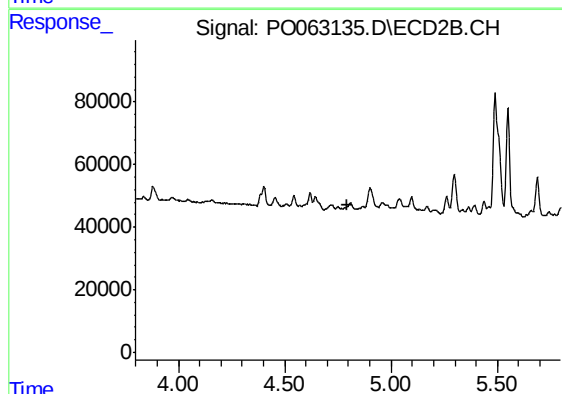
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 42694
Conc: 24.73 ng/ml



#14 AR-1232-4

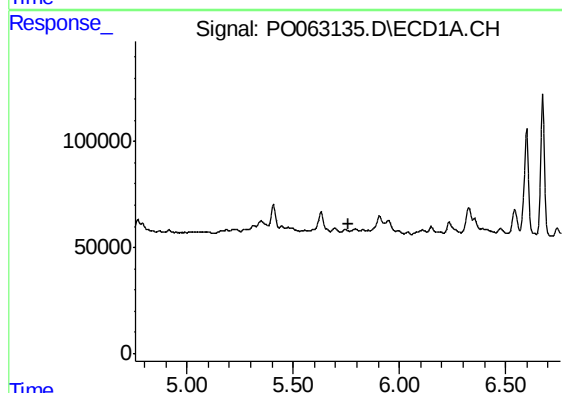
R.T.: 5.631 min
Delta R.T.: -0.038 min
Response: 163774
Conc: 127.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



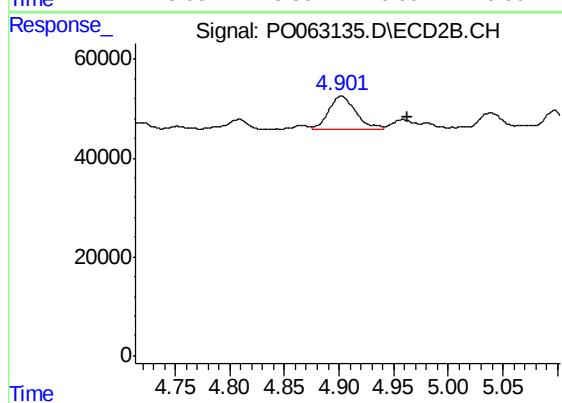
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.797 min
Response: 0
Conc: N.D.



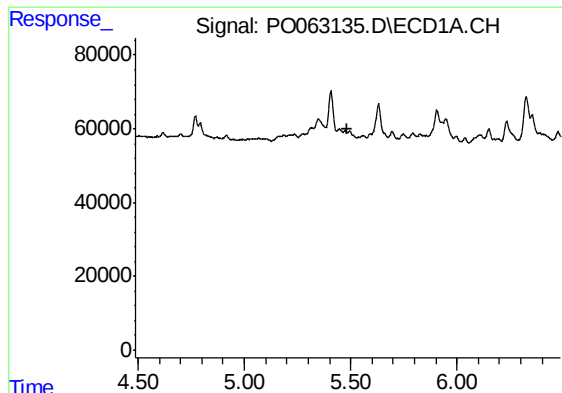
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#15 AR-1232-5

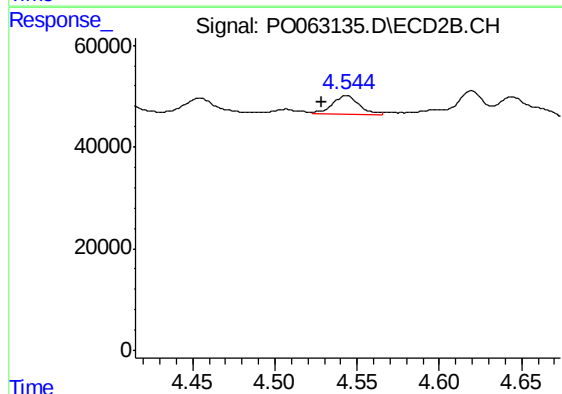
R.T.: 4.902 min
Delta R.T.: -0.060 min
Response: 117815
Conc: 133.40 ng/ml



#16 AR-1242-1

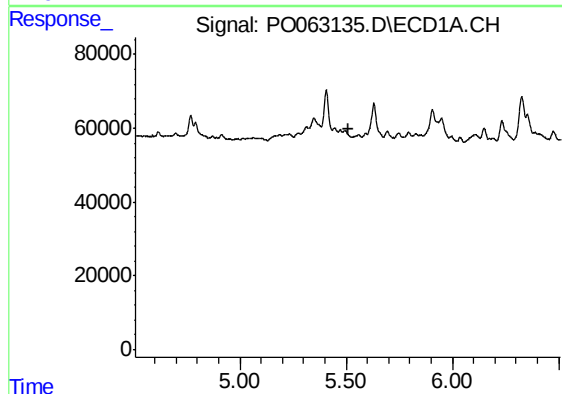
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



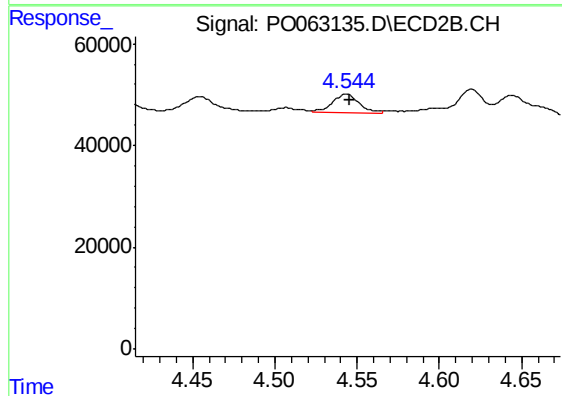
#16 AR-1242-1

R.T.: 4.543 min
Delta R.T.: 0.015 min
Response: 42694
Conc: 35.50 ng/ml



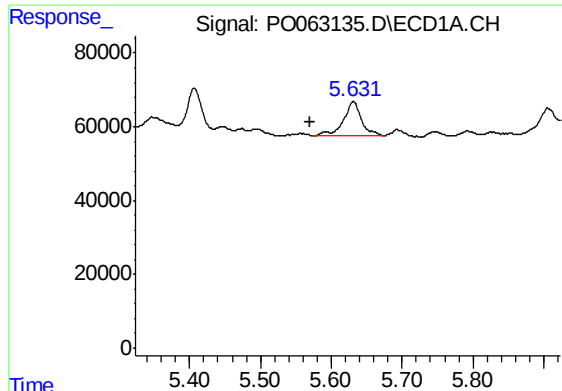
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.



#17 AR-1242-2

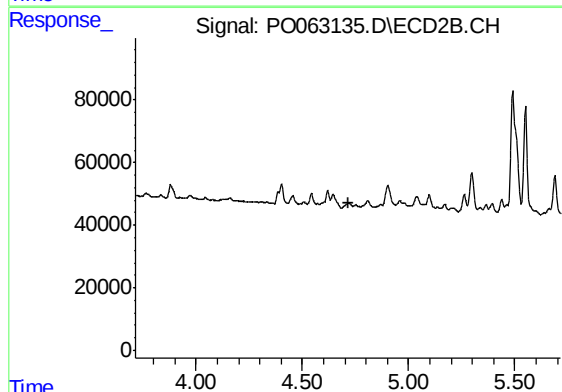
R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 42694
Conc: 23.97 ng/ml



#18 AR-1242-3

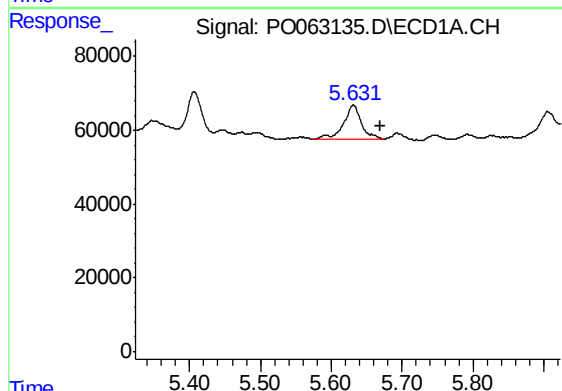
R.T.: 5.631 min
Delta R.T.: 0.061 min
Response: 163774
Conc: 100.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



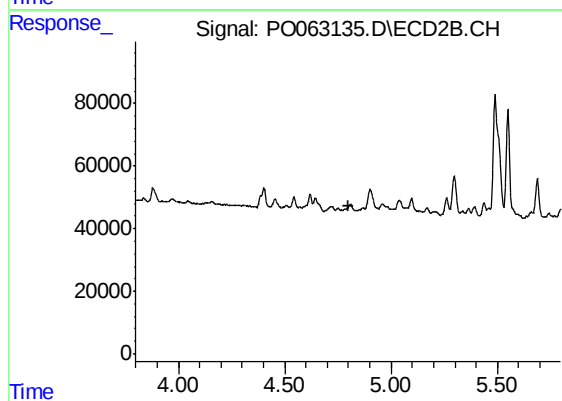
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



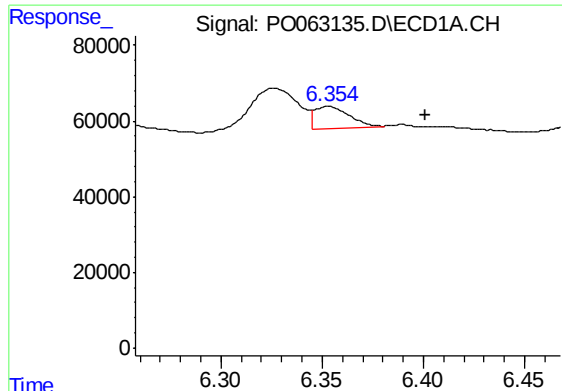
#19 AR-1242-4

R.T.: 5.631 min
Delta R.T.: -0.038 min
Response: 163774
Conc: 121.32 ng/ml



#19 AR-1242-4

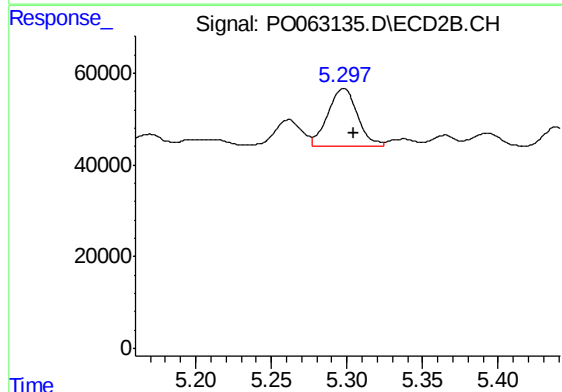
R.T.: 0.000 min
Exp R.T. : 4.797 min
Response: 0
Conc: N.D.



#20 AR-1242-5

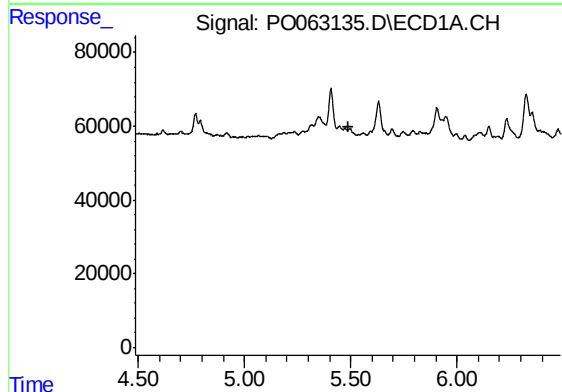
R.T.: 6.353 min
Delta R.T.: -0.048 min
Response: 67163
Conc: 43.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



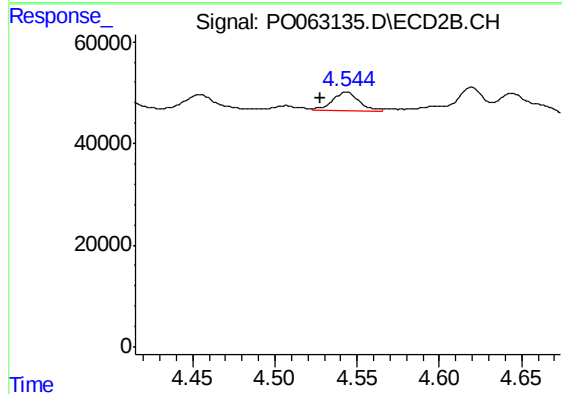
#20 AR-1242-5

R.T.: 5.298 min
Delta R.T.: -0.007 min
Response: 173536
Conc: 145.43 ng/ml



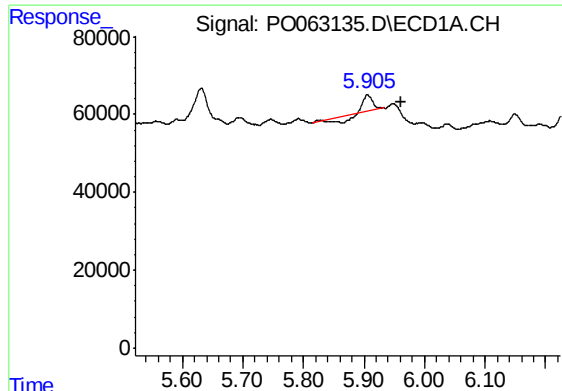
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.



#21 AR-1248-1

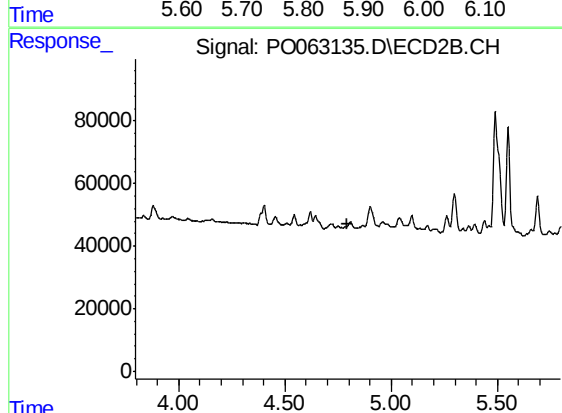
R.T.: 4.543 min
Delta R.T.: 0.016 min
Response: 42694
Conc: 43.49 ng/ml



#23 AR-1248-3

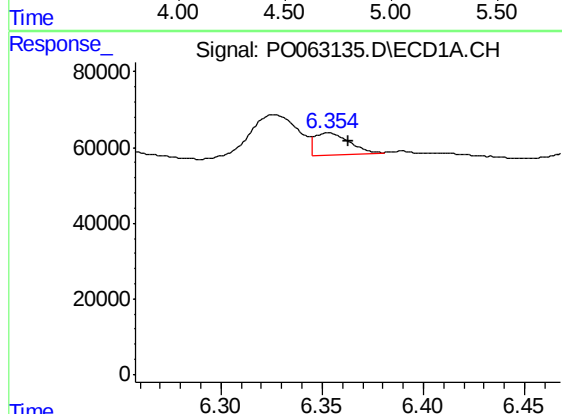
R.T.: 5.906 min
Delta R.T.: -0.055 min
Response: 16261
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



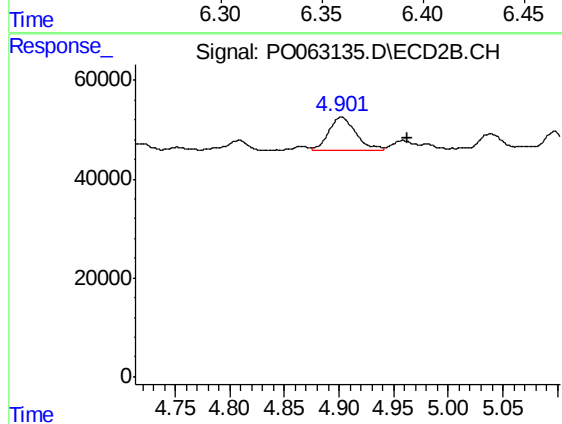
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.796 min
Response: 0
Conc: N.D.



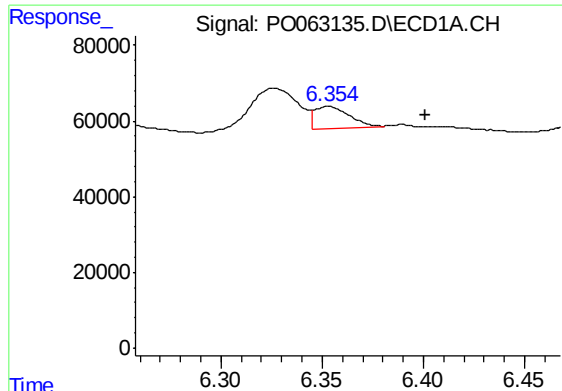
#24 AR-1248-4

R.T.: 6.353 min
Delta R.T.: -0.010 min
Response: 67163
Conc: 26.29 ng/ml



#24 AR-1248-4

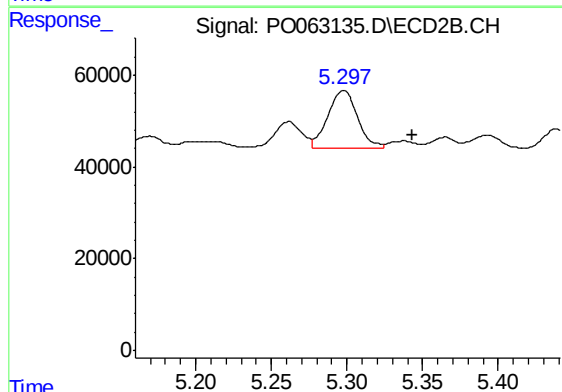
R.T.: 4.902 min
Delta R.T.: -0.060 min
Response: 117815
Conc: 74.45 ng/ml



#25 AR-1248-5

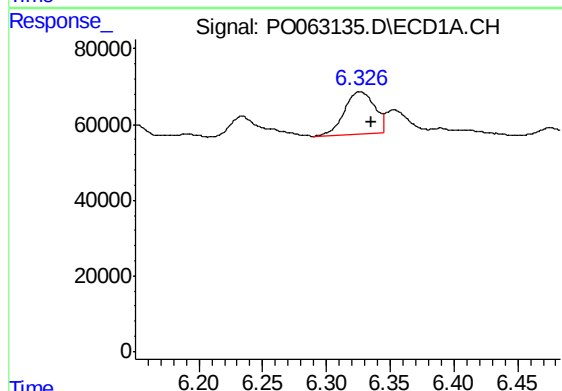
R.T.: 6.353 min
Delta R.T.: -0.048 min
Response: 67163
Conc: 27.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



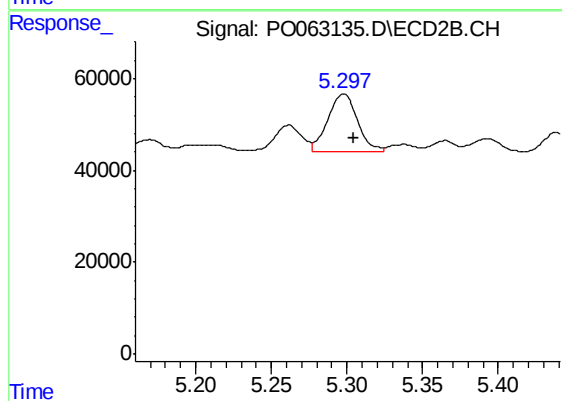
#25 AR-1248-5

R.T.: 5.298 min
Delta R.T.: -0.046 min
Response: 173536
Conc: 112.76 ng/ml



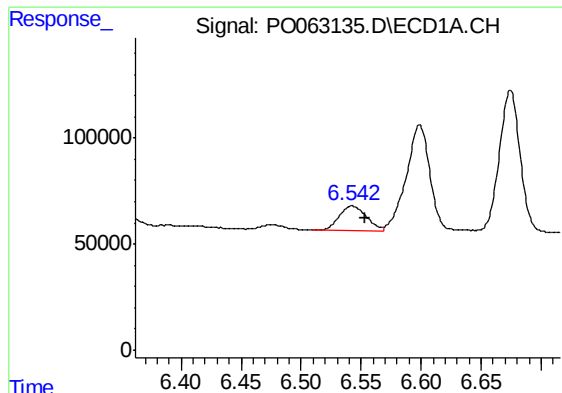
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: -0.009 min
Response: 184415
Conc: 69.18 ng/ml



#26 AR-1254-1

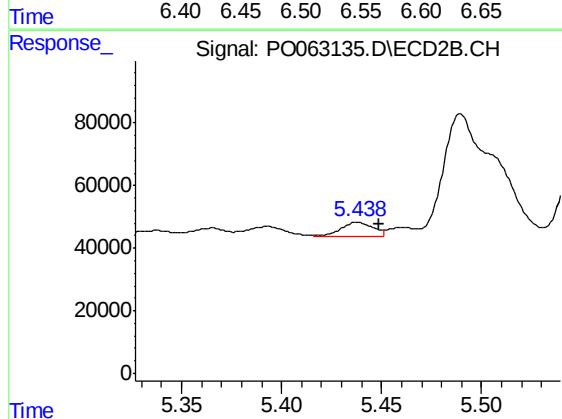
R.T.: 5.298 min
Delta R.T.: -0.007 min
Response: 173536
Conc: 70.95 ng/ml



#27 AR-1254-2

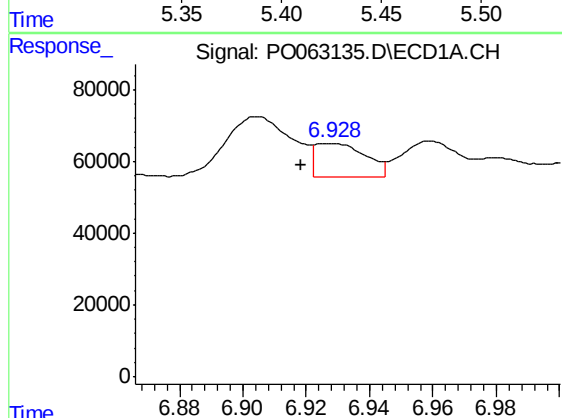
R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 176845
Conc: 43.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



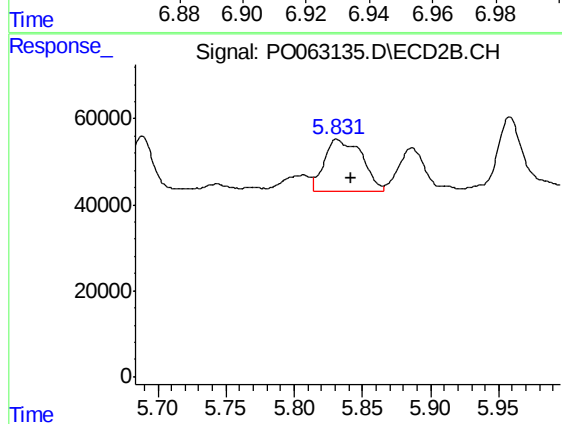
#27 AR-1254-2

R.T.: 5.438 min
Delta R.T.: -0.011 min
Response: 51986
Conc: 24.55 ng/ml



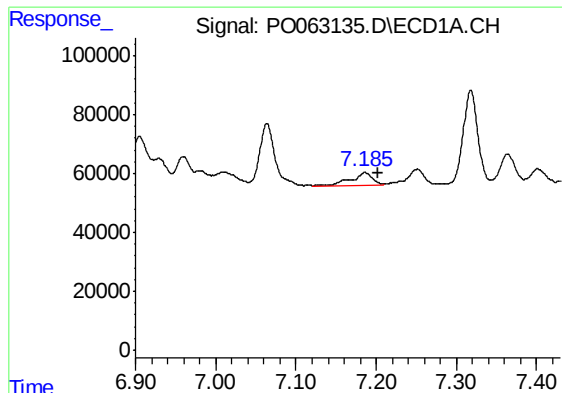
#28 AR-1254-3

R.T.: 6.928 min
Delta R.T.: 0.010 min
Response: 104712
Conc: 25.03 ng/ml



#28 AR-1254-3

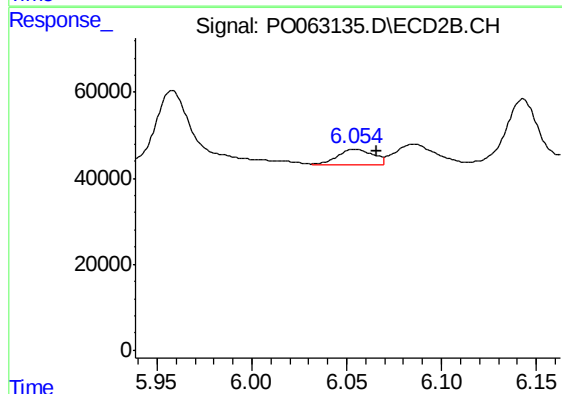
R.T.: 5.831 min
Delta R.T.: -0.011 min
Response: 231014
Conc: 70.90 ng/ml



#29 AR-1254-4

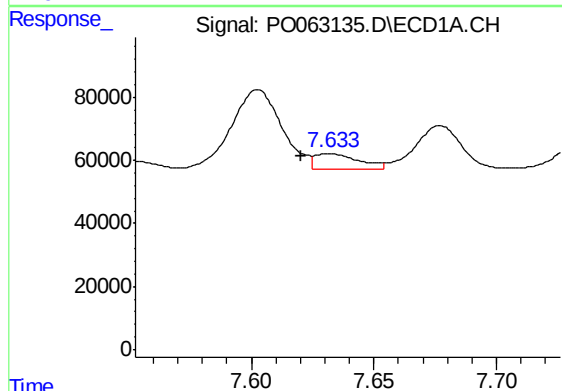
R.T.: 7.186 min
Delta R.T.: -0.017 min
Response: 78717
Conc: 26.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



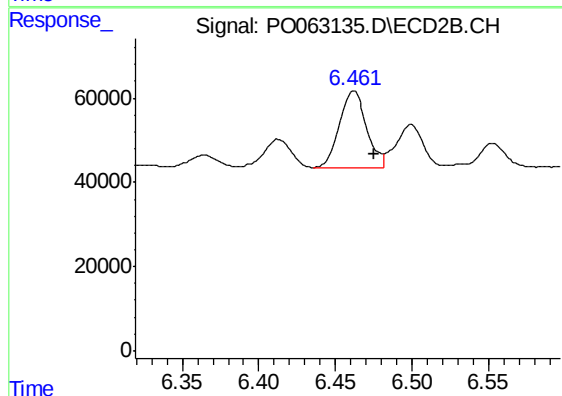
#29 AR-1254-4

R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 45402
Conc: 23.51 ng/ml



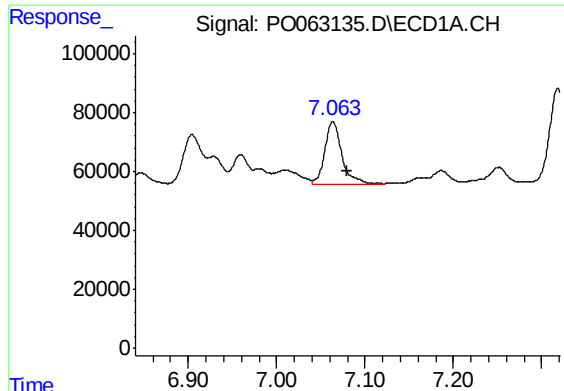
#30 AR-1254-5

R.T.: 7.632 min
Delta R.T.: 0.012 min
Response: 58826
Conc: 18.77 ng/ml



#30 AR-1254-5

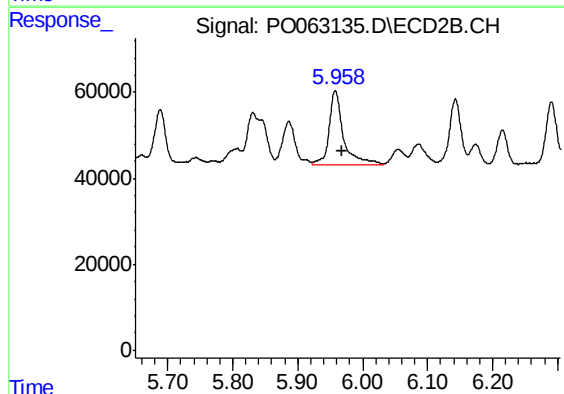
R.T.: 6.462 min
Delta R.T.: -0.014 min
Response: 228422
Conc: 86.48 ng/ml



#31 AR-1260-1

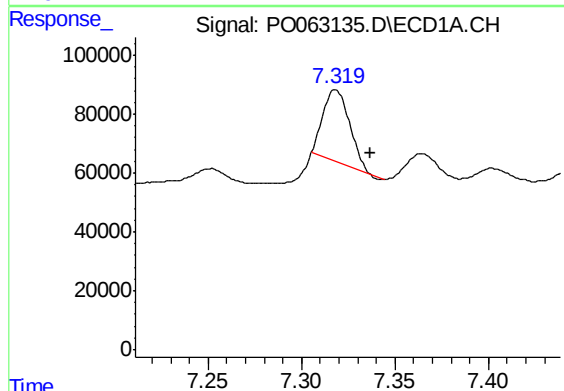
R.T.: 7.064 min
Delta R.T.: -0.016 min
Response: 283765
Conc: 99.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



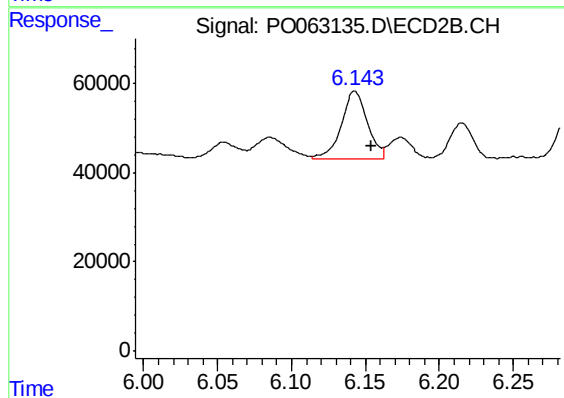
#31 AR-1260-1

R.T.: 5.958 min
Delta R.T.: -0.010 min
Response: 260032
Conc: 122.38 ng/ml



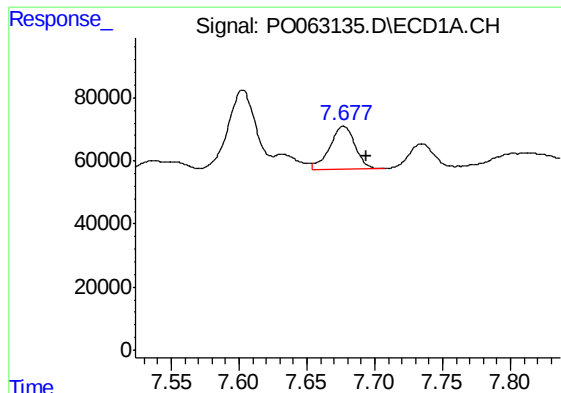
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.019 min
Response: 243840
Conc: 71.08 ng/ml



#32 AR-1260-2

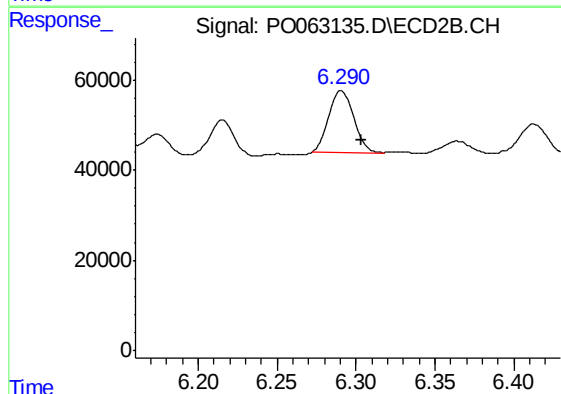
R.T.: 6.143 min
Delta R.T.: -0.011 min
Response: 184645
Conc: 72.76 ng/ml



#33 AR-1260-3

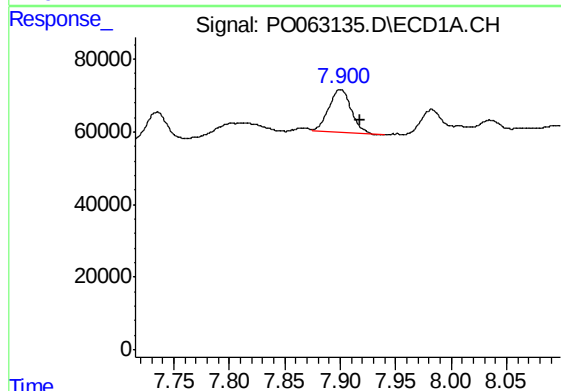
R.T.: 7.677 min
Delta R.T.: -0.017 min
Response: 175450
Conc: 66.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



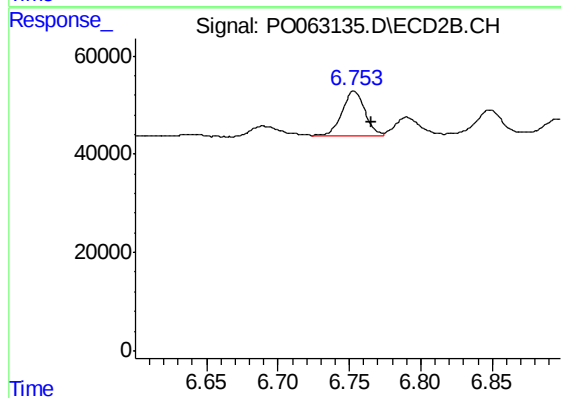
#33 AR-1260-3

R.T.: 6.291 min
Delta R.T.: -0.012 min
Response: 149775
Conc: 66.33 ng/ml



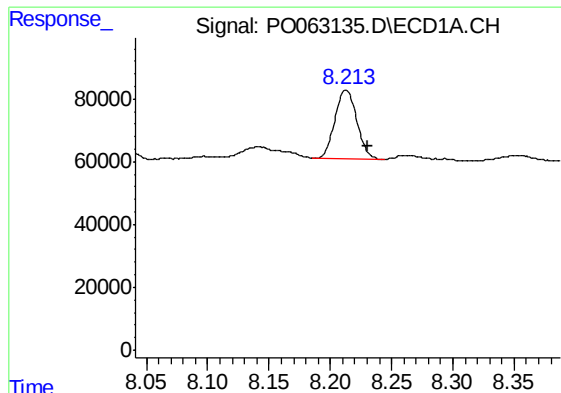
#34 AR-1260-4

R.T.: 7.900 min
Delta R.T.: -0.018 min
Response: 167690
Conc: 59.95 ng/ml



#34 AR-1260-4

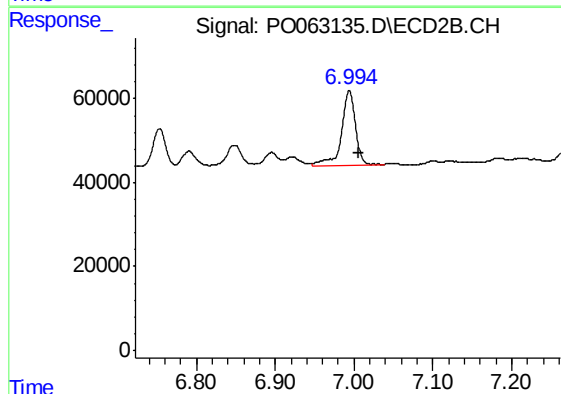
R.T.: 6.753 min
Delta R.T.: -0.012 min
Response: 101747
Conc: 57.95 ng/ml



#35 AR-1260-5

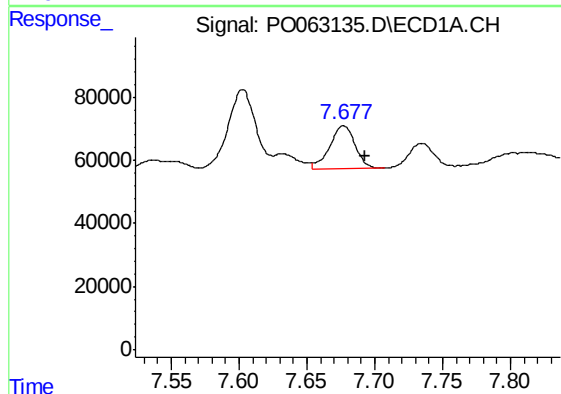
R.T.: 8.213 min
Delta R.T.: -0.017 min
Response: 274050
Conc: 52.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



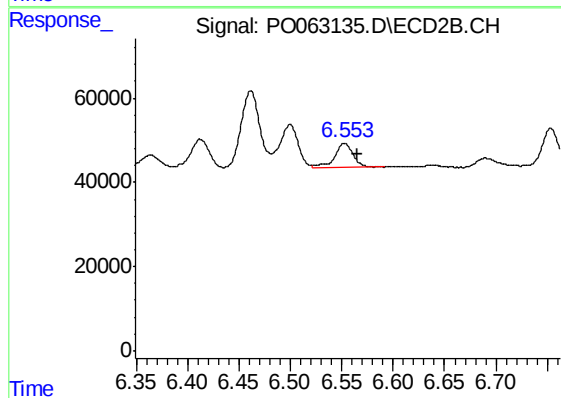
#35 AR-1260-5

R.T.: 6.994 min
Delta R.T.: -0.012 min
Response: 223142
Conc: 61.94 ng/ml



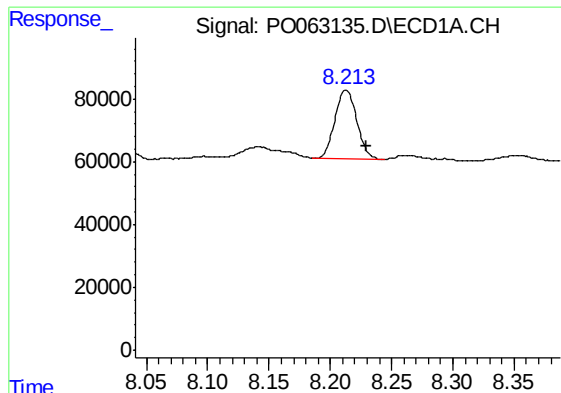
#36 AR-1262-1

R.T.: 7.677 min
Delta R.T.: -0.016 min
Response: 175450
Conc: 42.74 ng/ml



#36 AR-1262-1

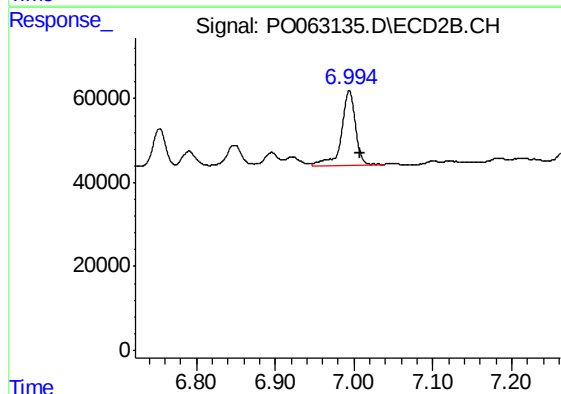
R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 70699
Conc: 59.32 ng/ml



#37 AR-1262-2

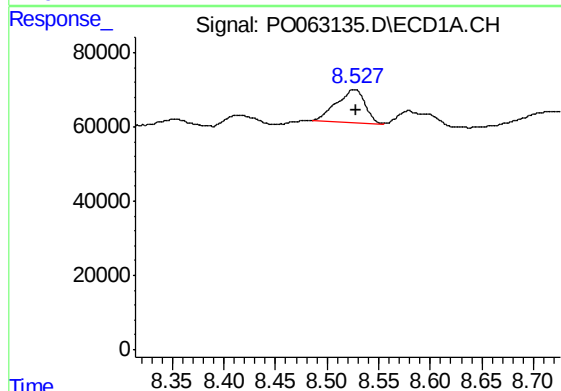
R.T.: 8.213 min
Delta R.T.: -0.016 min
Response: 274050
Conc: 42.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



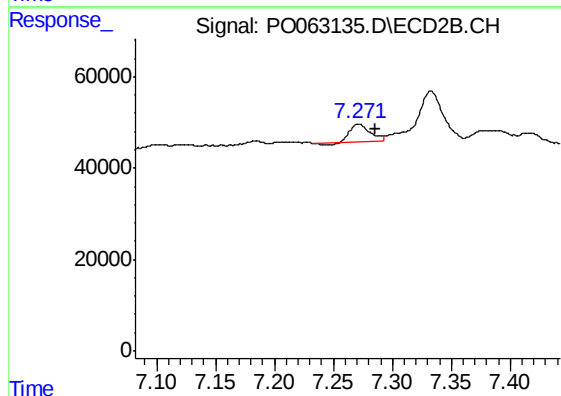
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 223142
Conc: 53.11 ng/ml



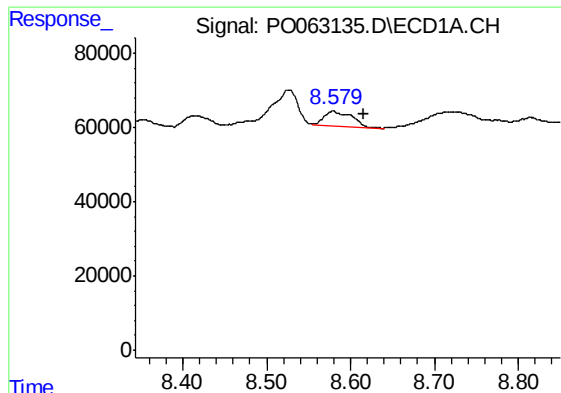
#38 AR-1262-3

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 169705
Conc: 38.59 ng/ml



#38 AR-1262-3

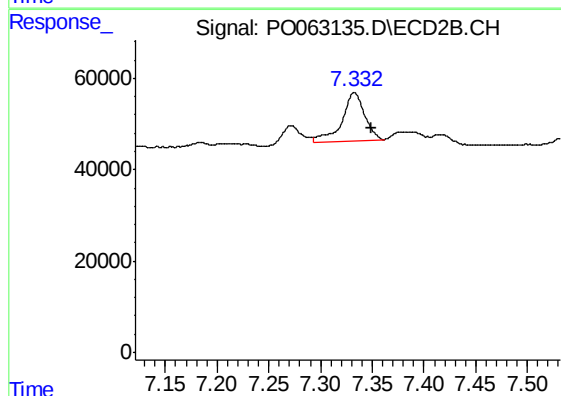
R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 42735
Conc: 24.30 ng/ml



#39 AR-1262-4

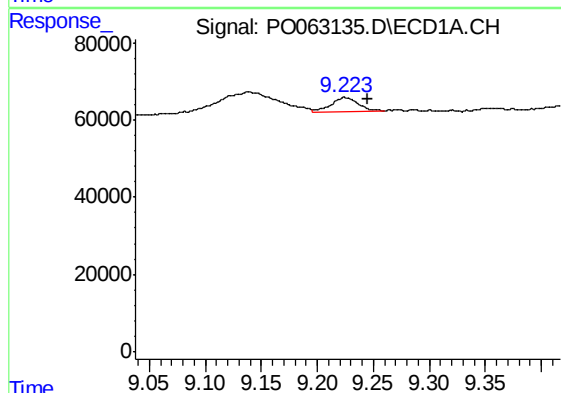
R.T.: 8.579 min
Delta R.T.: -0.037 min
Response: 90931
Conc: 26.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



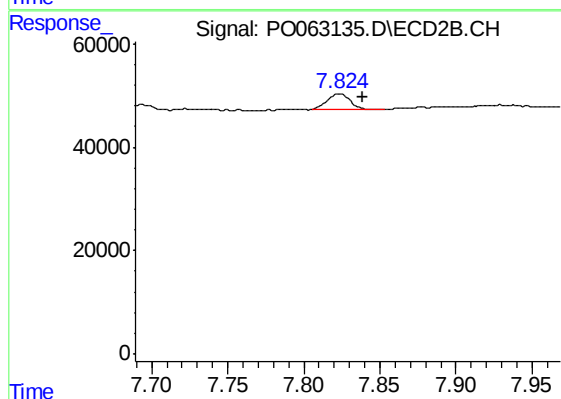
#39 AR-1262-4

R.T.: 7.333 min
Delta R.T.: -0.017 min
Response: 163215
Conc: 53.39 ng/ml



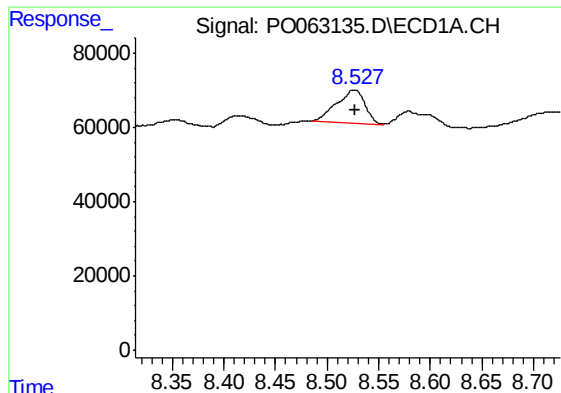
#40 AR-1262-5

R.T.: 9.225 min
Delta R.T.: -0.021 min
Response: 59587
Conc: 26.38 ng/ml



#40 AR-1262-5

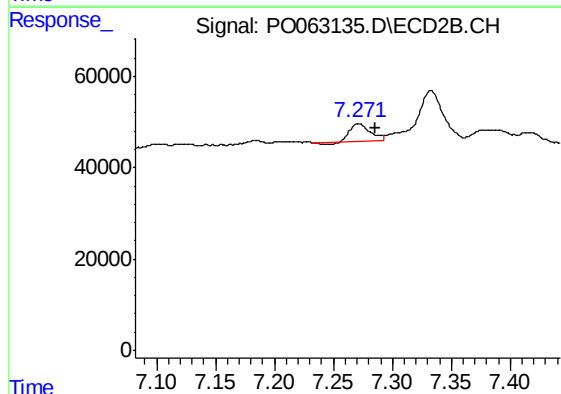
R.T.: 7.823 min
Delta R.T.: -0.016 min
Response: 32678
Conc: 25.02 ng/ml



#41 AR-1268-1

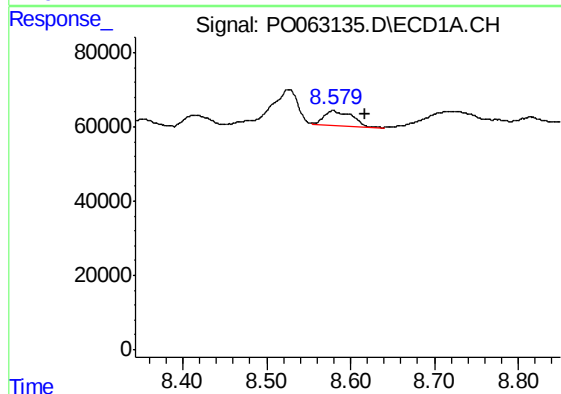
R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 169705
Conc: 22.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



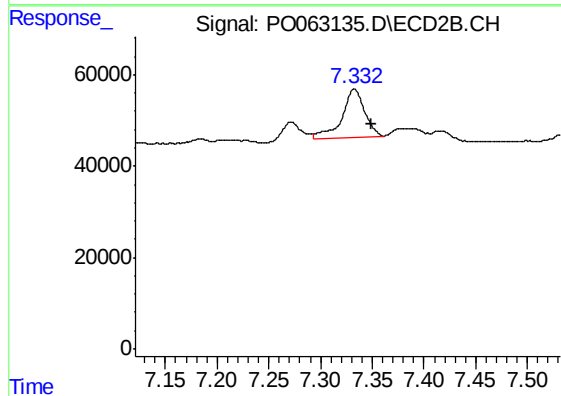
#41 AR-1268-1

R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 42735
Conc: 9.13 ng/ml



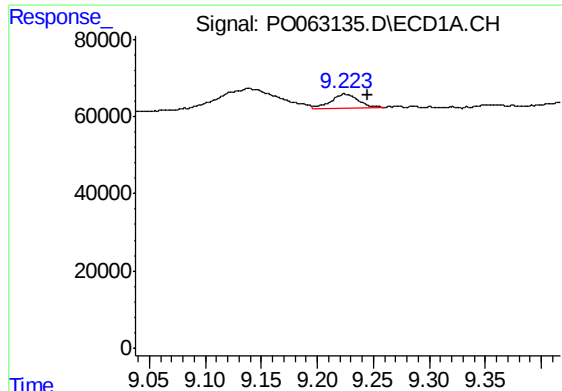
#42 AR-1268-2

R.T.: 8.579 min
Delta R.T.: -0.039 min
Response: 90931
Conc: 12.94 ng/ml



#42 AR-1268-2

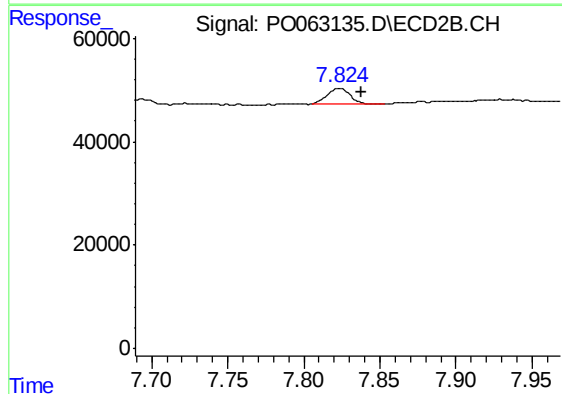
R.T.: 7.333 min
Delta R.T.: -0.017 min
Response: 163215
Conc: 39.07 ng/ml



#44 AR-1268-4

R.T.: 9.225 min
Delta R.T.: -0.021 min
Response: 59587
Conc: 25.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
702-27-(0-1)



#44 AR-1268-4

R.T.: 7.823 min
Delta R.T.: -0.015 min
Response: 32678
Conc: 22.93 ng/ml