

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102419\
 Data File : P0063134.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Oct 2019 19:55
 Operator : HP/AJ
 Sample : K5499-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 193-26-(0-1)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:13:28 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	1146684	906159	18.541	21.132
2)	SA Decachlor...	9.932	8.321	1041344	872130	18.611	29.724 #
Target Compounds							
3)	L1 AR-1016-1	5.496	0.000	127338	0	53.804	N.D. #
4)	L1 AR-1016-2	5.496	0.000	127338	0	37.384	N.D. #
5)	L1 AR-1016-3	5.629	4.708	412313	89051	199.241	72.045 #
6)	L1 AR-1016-4	5.629	4.748	412313	31232	243.266	31.781 #
7)	L1 AR-1016-5	5.952	4.958	73291	61942	41.214	48.034
9)	L2 AR-1221-2	4.648	0.000	341633	0	655.089	N.D. #
10)	L2 AR-1221-3	4.734	3.893	74457	400795	45.607	340.582 #
11)	L3 AR-1232-1	4.734	3.893	74457	400795	34.091	258.659 #
12)	L3 AR-1232-2	5.186	0.000	389512	0	326.471	N.D. #
13)	L3 AR-1232-3	5.496	4.708	127338	89051	49.776	97.427 #
14)	L3 AR-1232-4	5.629	4.786	412313	30762	320.747	37.814 #
15)	L3 AR-1232-5	5.744	4.958	165955	61942	167.678	70.137 #
16)	L4 AR-1242-1	5.496	0.000	127338	0	68.720	N.D. #
17)	L4 AR-1242-2	5.496	0.000	127338	0	48.003	N.D. #
18)	L4 AR-1242-3	5.629	4.708	412313	89051	252.468	93.538 #
19)	L4 AR-1242-4	5.629	4.786	412313	30762	305.426	32.586 #
20)	L4 AR-1242-5	6.395	5.300	538190	855424	352.118	716.871 #
21)	L5 AR-1248-1	5.496	0.000	127338	0	88.846	N.D. #
22)	L5 AR-1248-2	5.744	4.748	165955	31232	82.888	24.652 #
23)	L5 AR-1248-3	5.952	4.786	73291	30762	33.185	23.174 #
24)	L5 AR-1248-4	6.330	4.958	1279625	61942	500.897	39.145 #
25)	L5 AR-1248-5	6.395	5.364	538190	136308	220.106	88.569 #
26)	L6 AR-1254-1	6.330	5.300	1279625	855424	480.048	349.753 #
27)	L6 AR-1254-2	6.542	5.439	1101978	225679	269.532	106.560 #
28)	L6 AR-1254-3	6.909	5.849	1343777	498742	321.164	153.075 #
29)	L6 AR-1254-4	7.186	6.058	203773	107073	67.624	55.437
30)	L6 AR-1254-5	7.631	6.462	170262	629647	54.329	238.395 #
31)	L7 AR-1260-1	7.065	5.957	611517	472210	214.784	222.244
32)	L7 AR-1260-2	7.317	6.143	1427778	356354	416.195	140.428 #
33)	L7 AR-1260-3	7.677	6.290	475773	344408	179.800	152.521
34)	L7 AR-1260-4	7.899	6.753	503882	234387	180.148	133.489 #
35)	L7 AR-1260-5	8.213	6.994	707081	594834	135.053	165.120
36)	L8 AR-1262-1	7.677	6.553	475773	141963	115.904	119.120
37)	L8 AR-1262-2	8.213	6.994	707081	594834	109.658	141.566 #
38)	L8 AR-1262-3	8.525	7.271	551613	175863	125.442	99.990
39)	L8 AR-1262-4	8.599	7.334	357666	419632	103.522	137.264 #
40)	L8 AR-1262-5	9.226	7.823	234784	148729	103.947	113.879
41)	L9 AR-1268-1	8.525	7.271	551613	175863	72.869	37.554 #
42)	L9 AR-1268-2	8.599	7.334	357666	419632	50.915	100.444 #
43)	L9 AR-1268-3	8.816	7.535	126363	88785	21.080	25.481

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 Operator : HP/AJ
 Sample : K5499-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

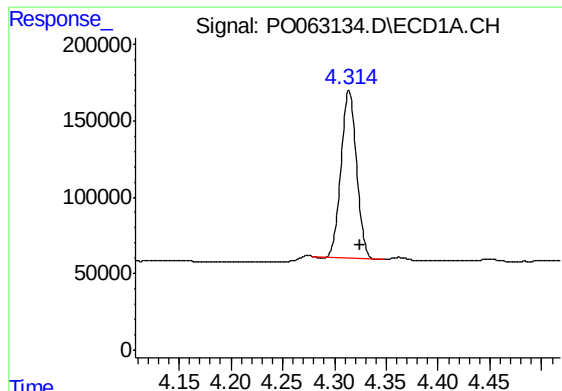
Instrument :
 ECD_O
 ClientSampleId :
 193-26-(0-1)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:13:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.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	9.226	7.823	234784	148729	98.815	104.380
45) L9	AR-1268-5	9.617	8.091	398881	141238	22.131	15.256 #

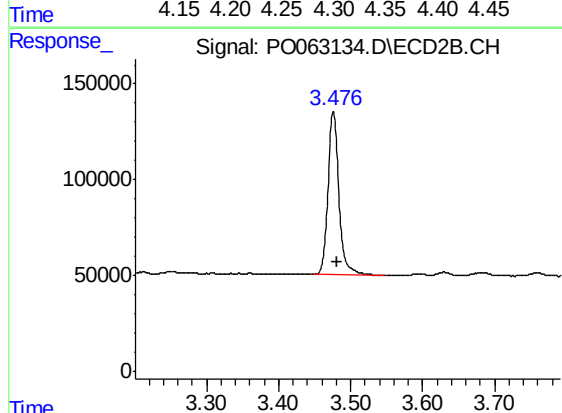
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

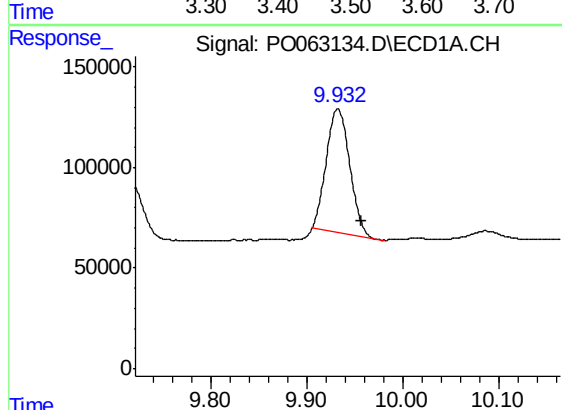
R.T.: 4.314 min
Delta R.T.: -0.011 min
Response: 1146684
Conc: 18.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



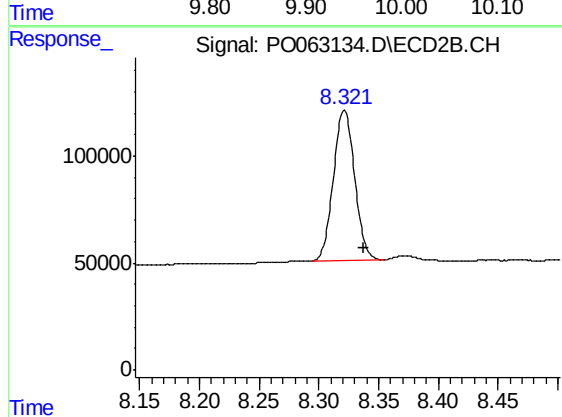
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: -0.005 min
Response: 906159
Conc: 21.13 ng/ml



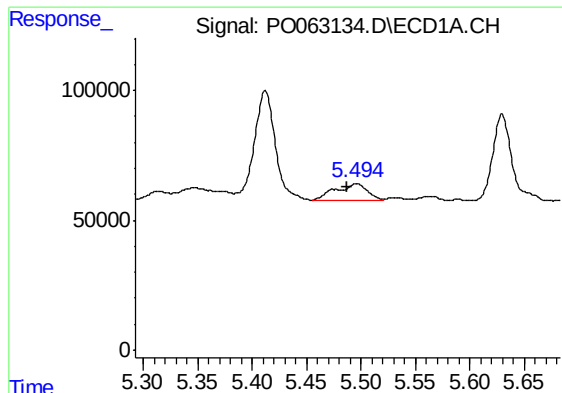
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.024 min
Response: 1041344
Conc: 18.61 ng/ml



#2 Decachlorobiphenyl

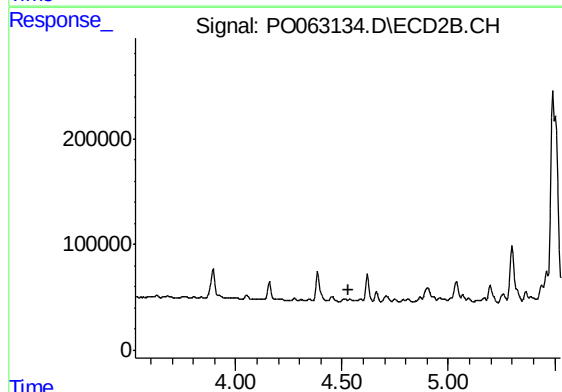
R.T.: 8.321 min
Delta R.T.: -0.017 min
Response: 872130
Conc: 29.72 ng/ml



#3 AR-1016-1

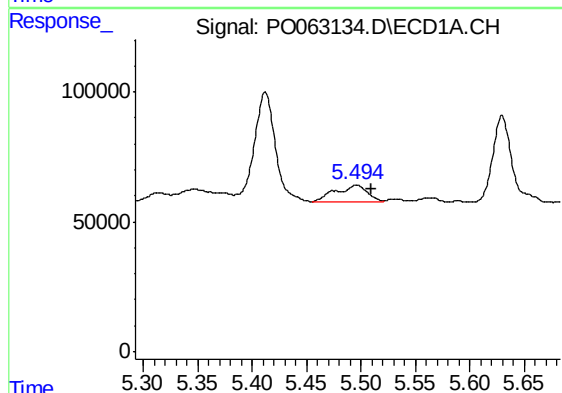
R.T.: 5.496 min
Delta R.T.: 0.009 min
Response: 127338
Conc: 53.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



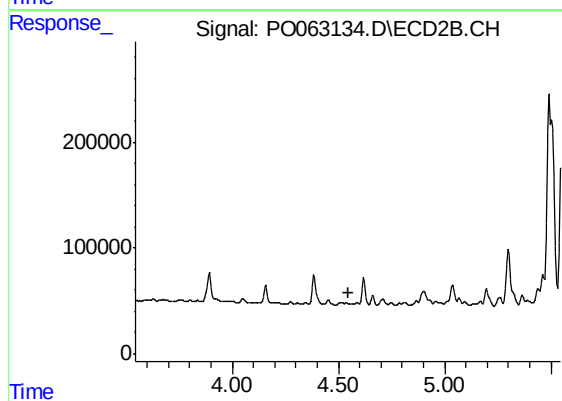
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



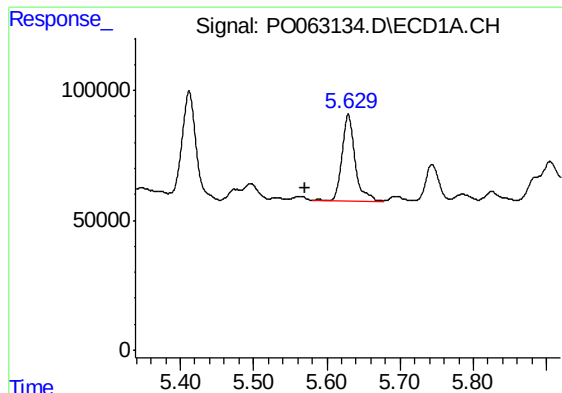
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.014 min
Response: 127338
Conc: 37.38 ng/ml



#4 AR-1016-2

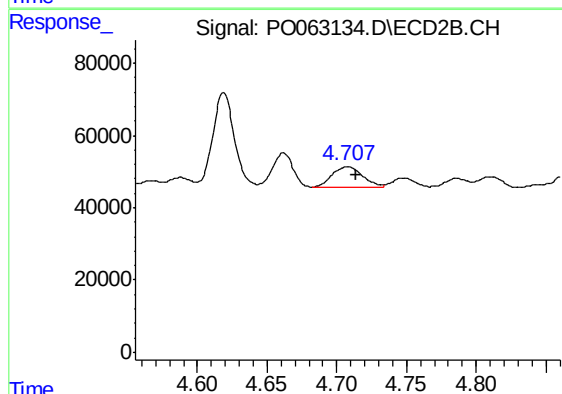
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#5 AR-1016-3

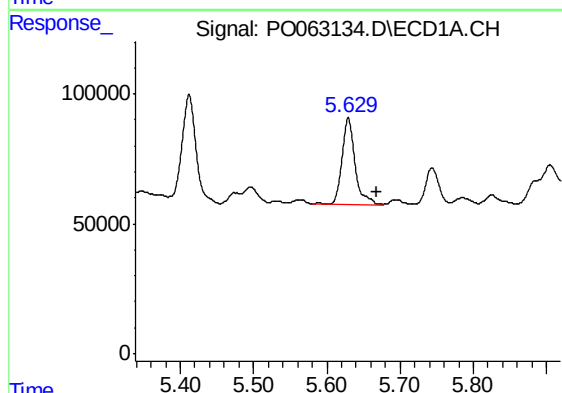
R.T.: 5.629 min
Delta R.T.: 0.058 min
Response: 412313
Conc: 199.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



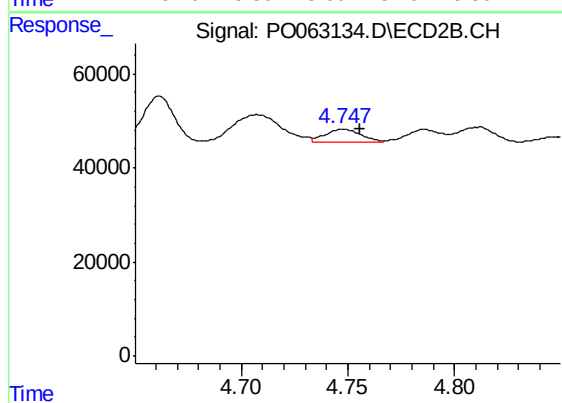
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 89051
Conc: 72.04 ng/ml



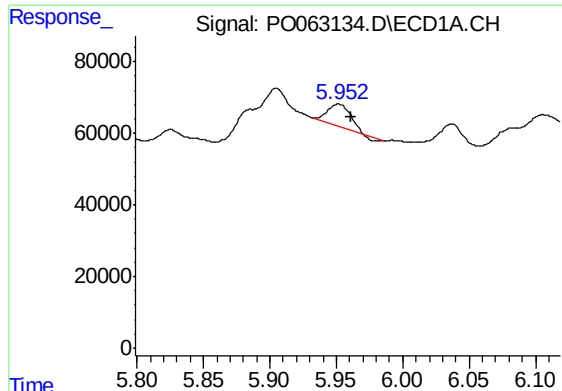
#6 AR-1016-4

R.T.: 5.629 min
Delta R.T.: -0.039 min
Response: 412313
Conc: 243.27 ng/ml



#6 AR-1016-4

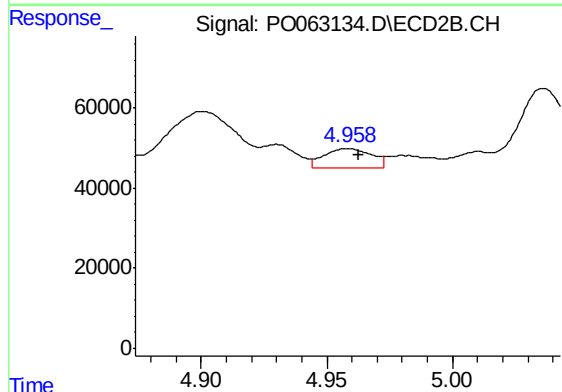
R.T.: 4.748 min
Delta R.T.: -0.008 min
Response: 31232
Conc: 31.78 ng/ml



#7 AR-1016-5

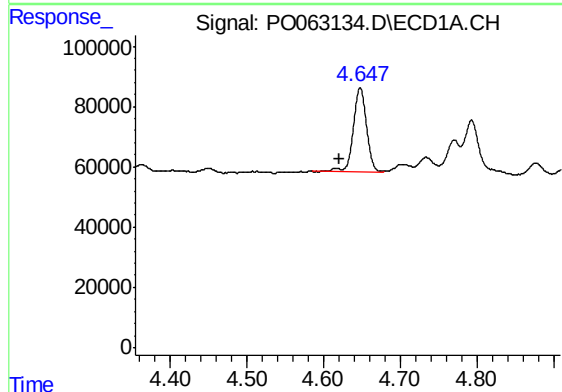
R.T.: 5.952 min
Delta R.T.: -0.010 min
Response: 73291
Conc: 41.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



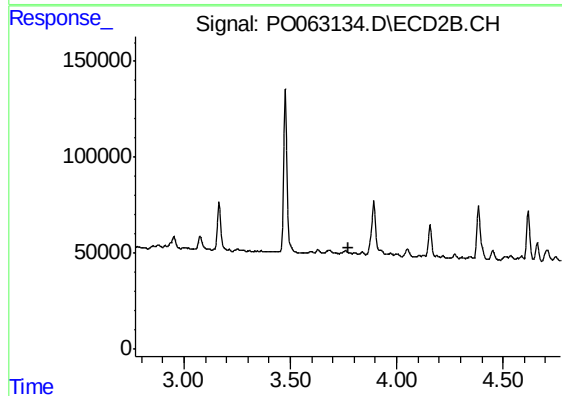
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 61942
Conc: 48.03 ng/ml



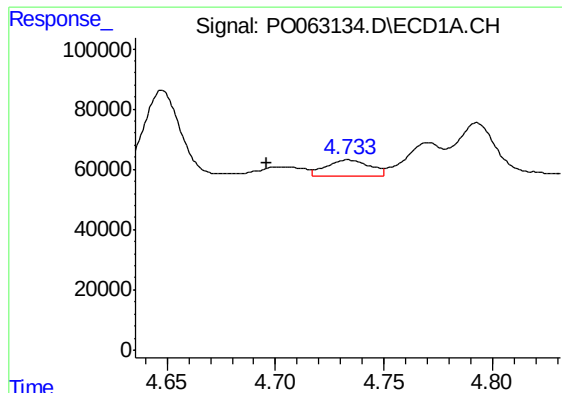
#9 AR-1221-2

R.T.: 4.648 min
Delta R.T.: 0.027 min
Response: 341633
Conc: 655.09 ng/ml



#9 AR-1221-2

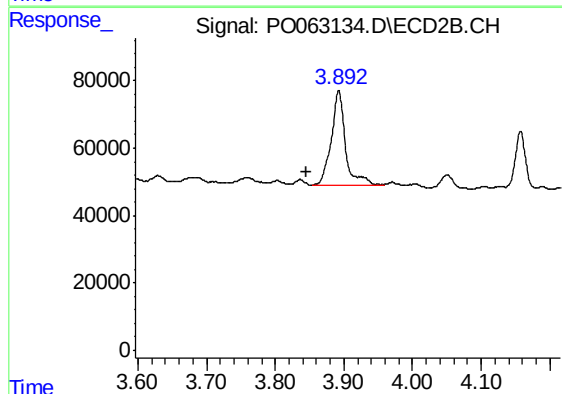
R.T.: 0.000 min
Exp R.T. : 3.771 min
Response: 0
Conc: N.D.



#10 AR-1221-3

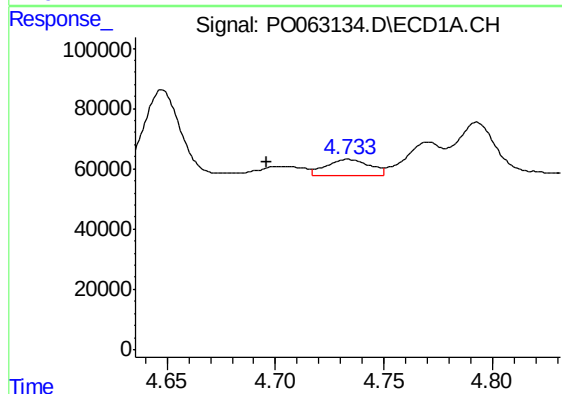
R.T.: 4.734 min
Delta R.T.: 0.038 min
Response: 74457
Conc: 45.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



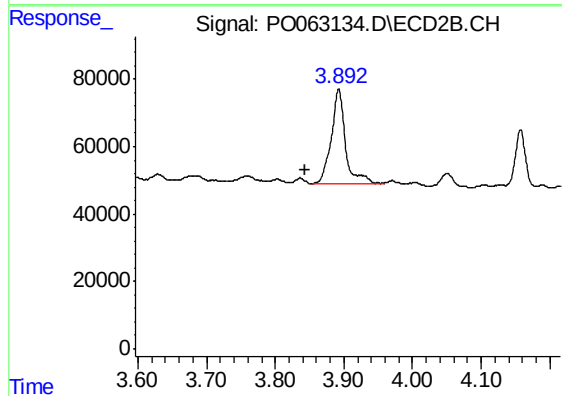
#10 AR-1221-3

R.T.: 3.893 min
Delta R.T.: 0.048 min
Response: 400795
Conc: 340.58 ng/ml



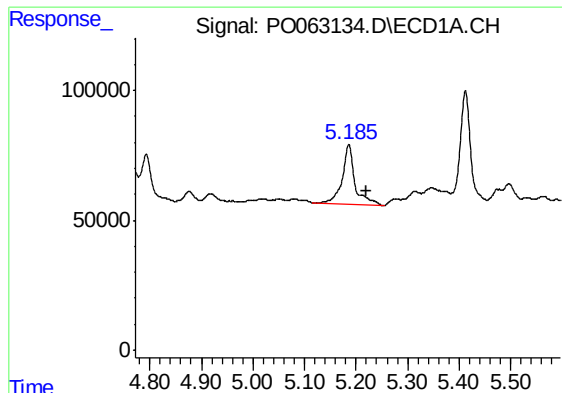
#11 AR-1232-1

R.T.: 4.734 min
Delta R.T.: 0.038 min
Response: 74457
Conc: 34.09 ng/ml



#11 AR-1232-1

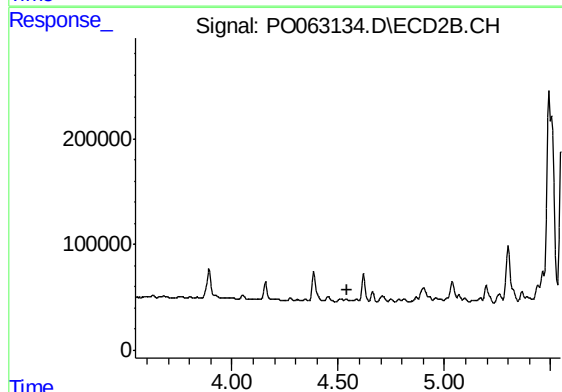
R.T.: 3.893 min
Delta R.T.: 0.048 min
Response: 400795
Conc: 258.66 ng/ml



#12 AR-1232-2

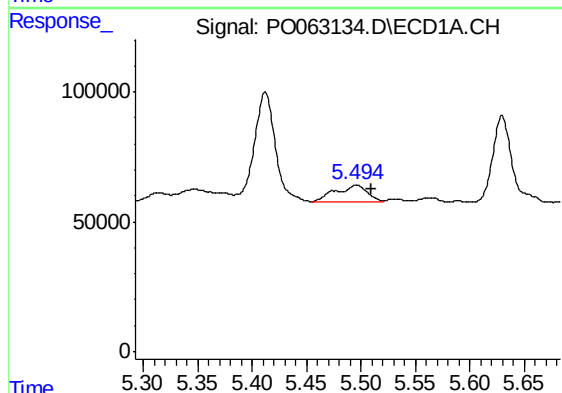
R.T.: 5.186 min
Delta R.T.: -0.035 min
Response: 389512
Conc: 326.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



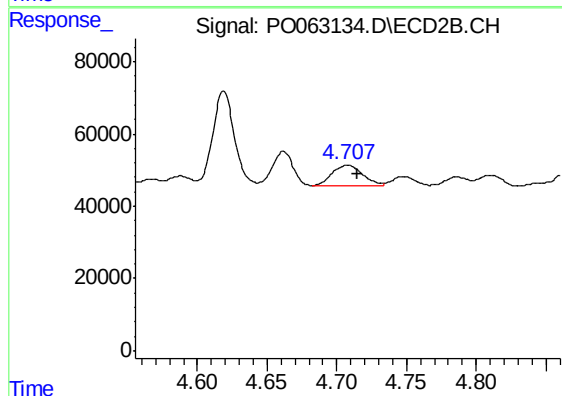
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



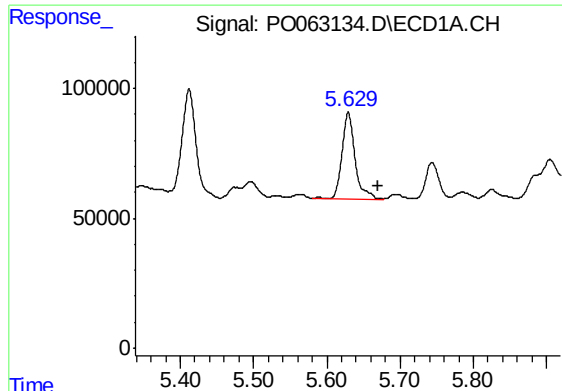
#13 AR-1232-3

R.T.: 5.496 min
Delta R.T.: -0.014 min
Response: 127338
Conc: 49.78 ng/ml



#13 AR-1232-3

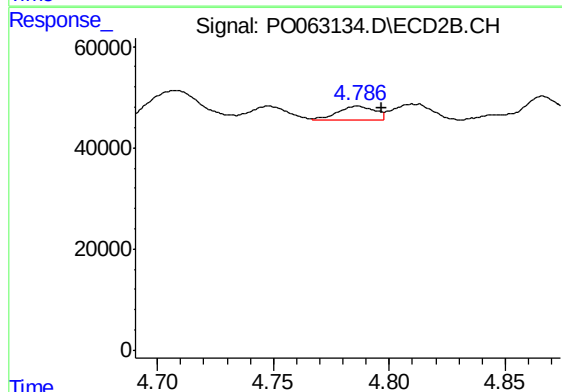
R.T.: 4.708 min
Delta R.T.: -0.007 min
Response: 89051
Conc: 97.43 ng/ml



#14 AR-1232-4

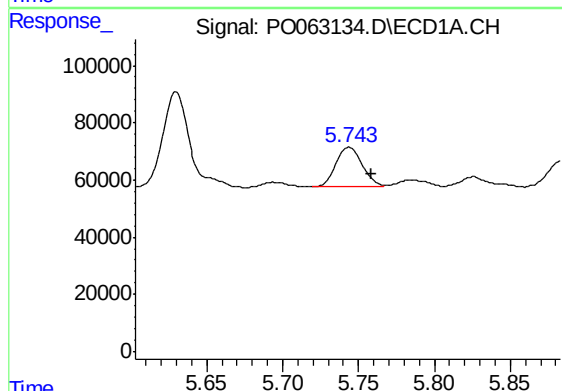
R.T.: 5.629 min
Delta R.T.: -0.040 min
Response: 412313
Conc: 320.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



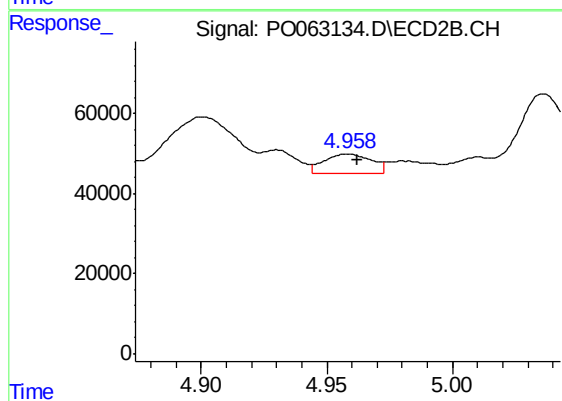
#14 AR-1232-4

R.T.: 4.786 min
Delta R.T.: -0.011 min
Response: 30762
Conc: 37.81 ng/ml



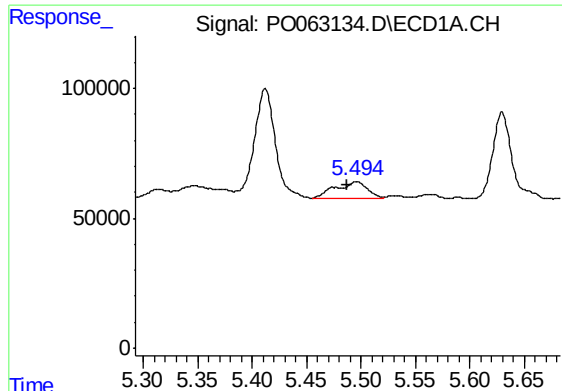
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: -0.015 min
Response: 165955
Conc: 167.68 ng/ml



#15 AR-1232-5

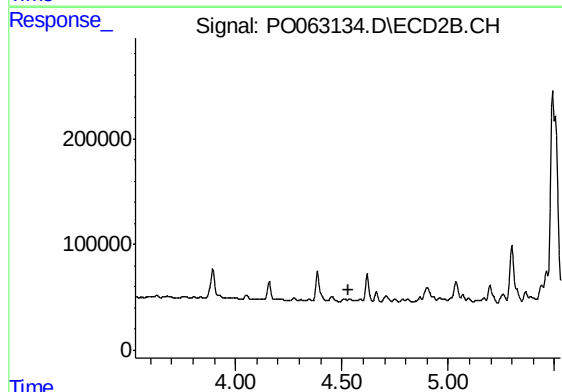
R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 61942
Conc: 70.14 ng/ml



#16 AR-1242-1

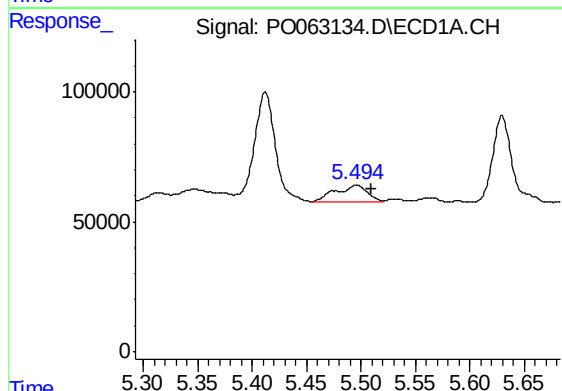
R.T.: 5.496 min
Delta R.T.: 0.008 min
Response: 127338
Conc: 68.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



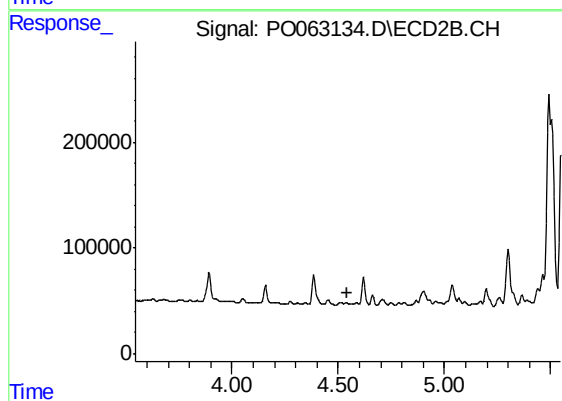
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.529 min
Response: 0
Conc: N.D.



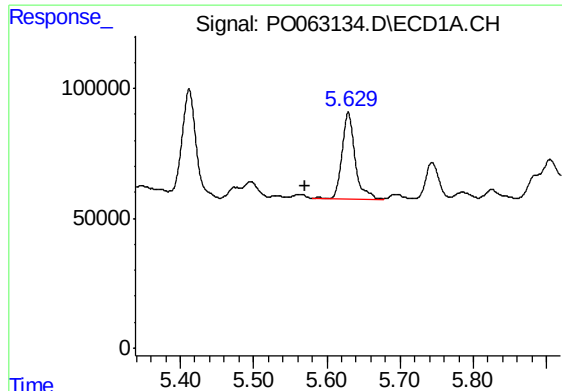
#17 AR-1242-2

R.T.: 5.496 min
Delta R.T.: -0.014 min
Response: 127338
Conc: 48.00 ng/ml



#17 AR-1242-2

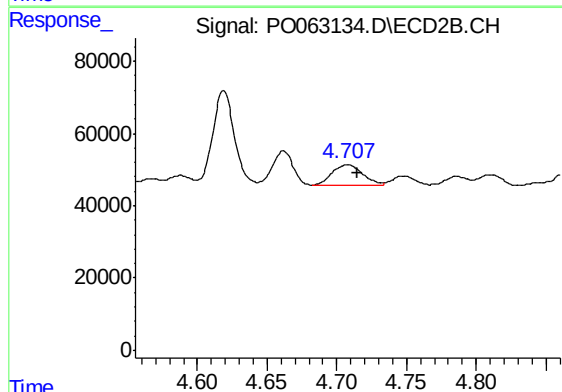
R.T.: 0.000 min
Exp R.T. : 4.546 min
Response: 0
Conc: N.D.



#18 AR-1242-3

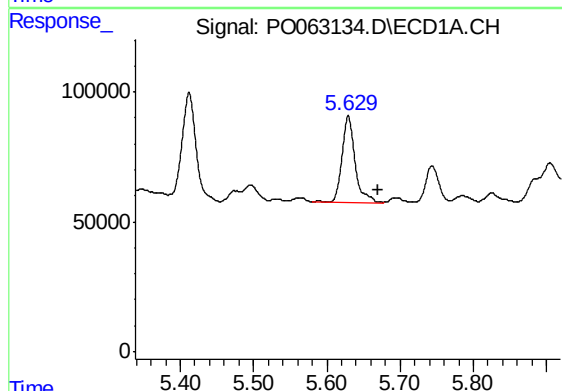
R.T.: 5.629 min
Delta R.T.: 0.059 min
Response: 412313
Conc: 252.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



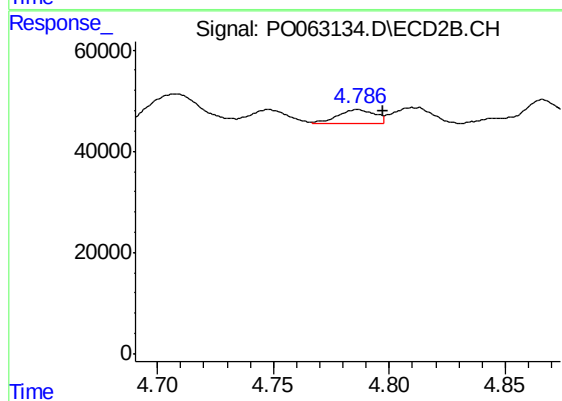
#18 AR-1242-3

R.T.: 4.708 min
Delta R.T.: -0.007 min
Response: 89051
Conc: 93.54 ng/ml



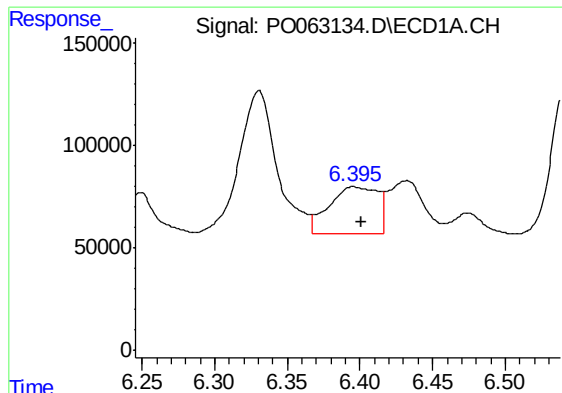
#19 AR-1242-4

R.T.: 5.629 min
Delta R.T.: -0.040 min
Response: 412313
Conc: 305.43 ng/ml



#19 AR-1242-4

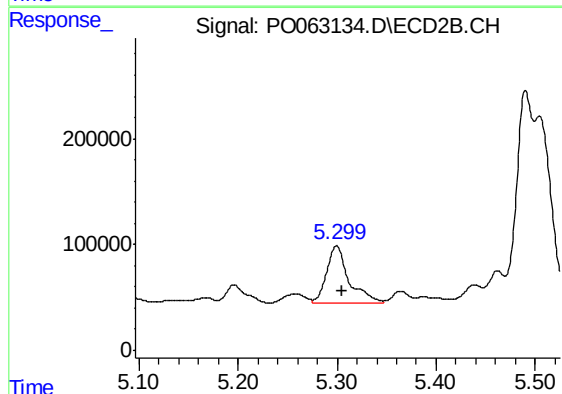
R.T.: 4.786 min
Delta R.T.: -0.011 min
Response: 30762
Conc: 32.59 ng/ml



#20 AR-1242-5

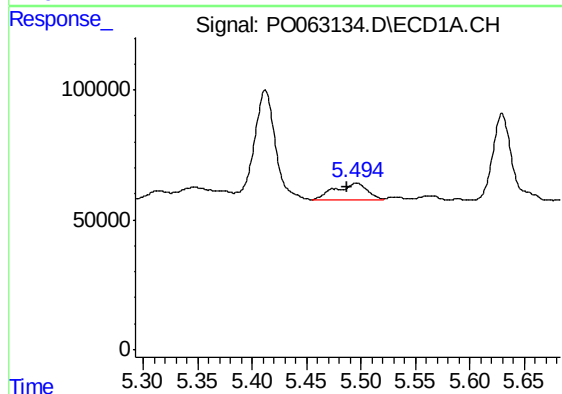
R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 538190
Conc: 352.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



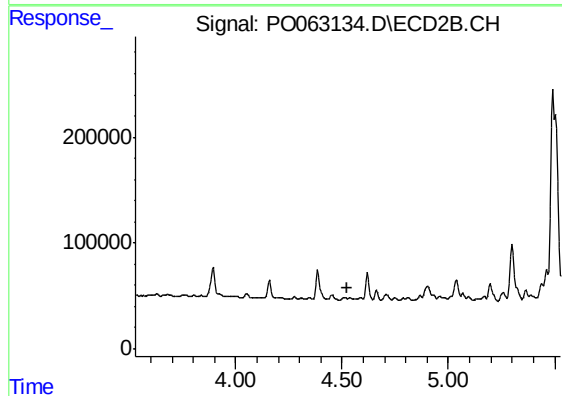
#20 AR-1242-5

R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 855424
Conc: 716.87 ng/ml



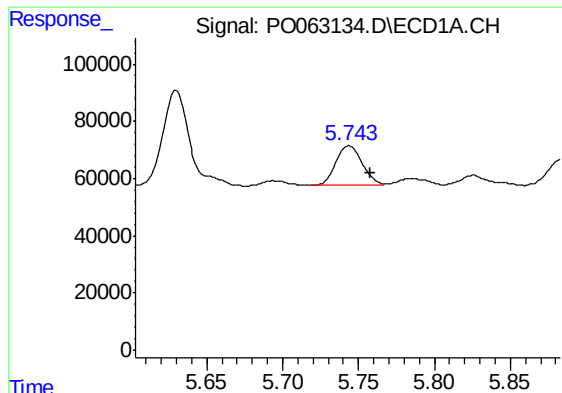
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.009 min
Response: 127338
Conc: 88.85 ng/ml



#21 AR-1248-1

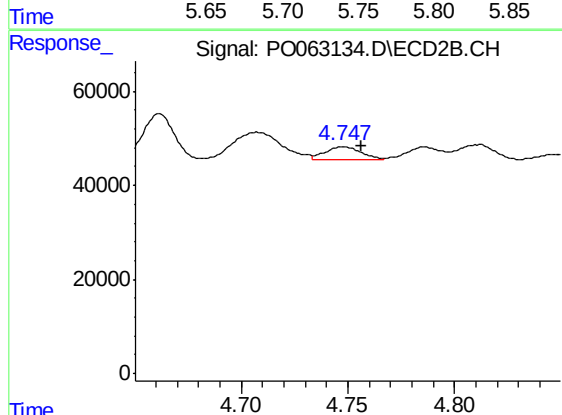
R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



#22 AR-1248-2

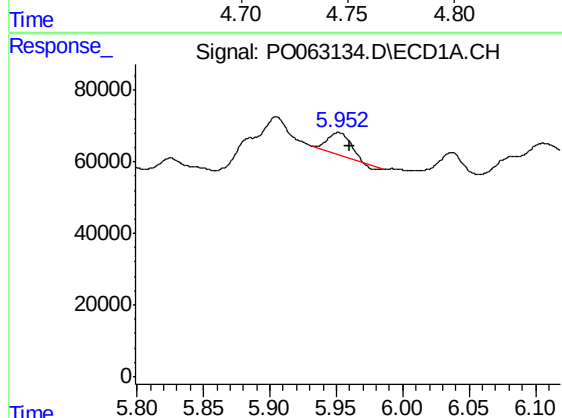
R.T.: 5.744 min
Delta R.T.: -0.014 min
Response: 165955
Conc: 82.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



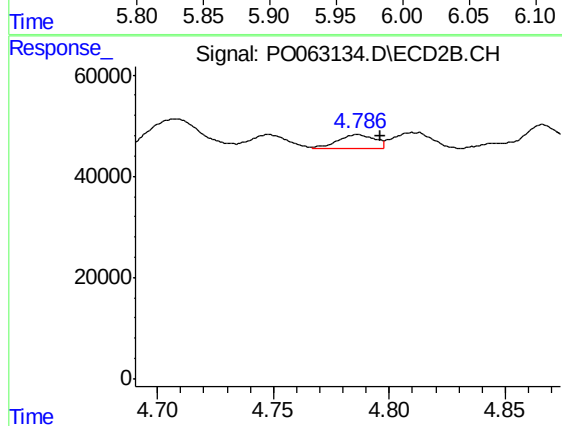
#22 AR-1248-2

R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 31232
Conc: 24.65 ng/ml



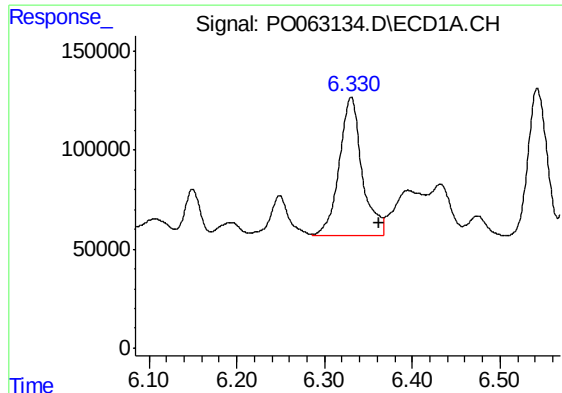
#23 AR-1248-3

R.T.: 5.952 min
Delta R.T.: -0.009 min
Response: 73291
Conc: 33.18 ng/ml



#23 AR-1248-3

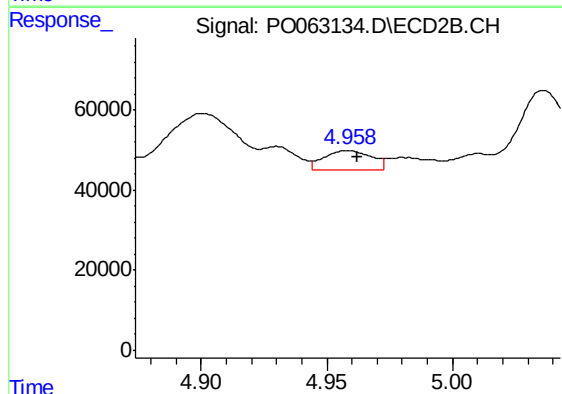
R.T.: 4.786 min
Delta R.T.: -0.010 min
Response: 30762
Conc: 23.17 ng/ml



#24 AR-1248-4

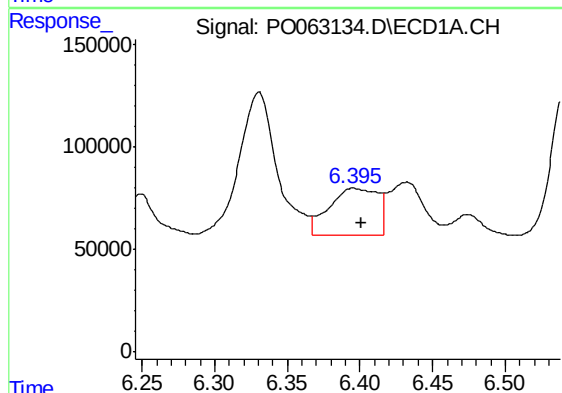
R.T.: 6.330 min
Delta R.T.: -0.032 min
Response: 1279625
Conc: 500.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



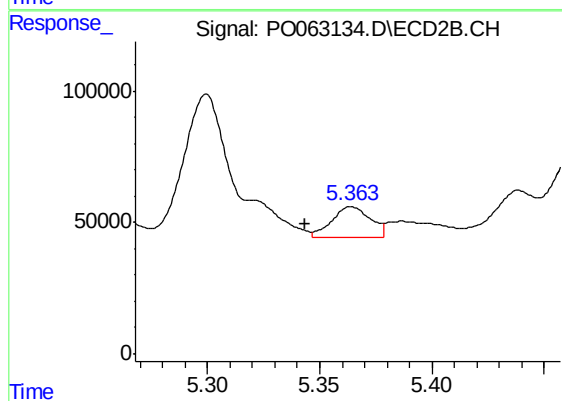
#24 AR-1248-4

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 61942
Conc: 39.15 ng/ml



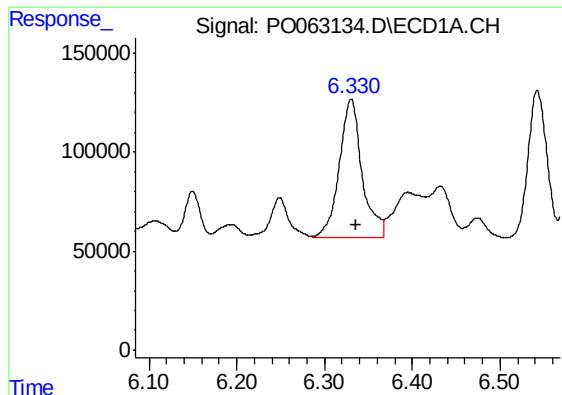
#25 AR-1248-5

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 538190
Conc: 220.11 ng/ml



#25 AR-1248-5

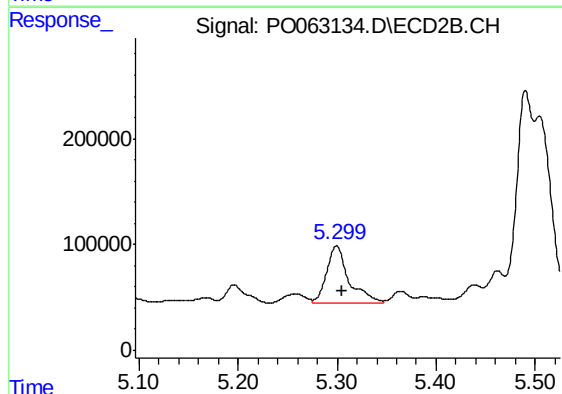
R.T.: 5.364 min
Delta R.T.: 0.021 min
Response: 136308
Conc: 88.57 ng/ml



#26 AR-1254-1

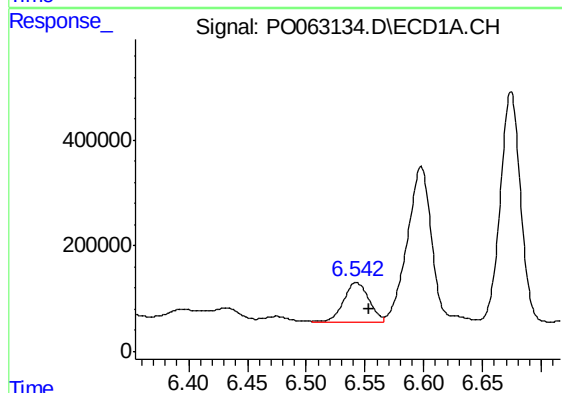
R.T.: 6.330 min
Delta R.T.: -0.005 min
Response: 1279625
Conc: 480.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



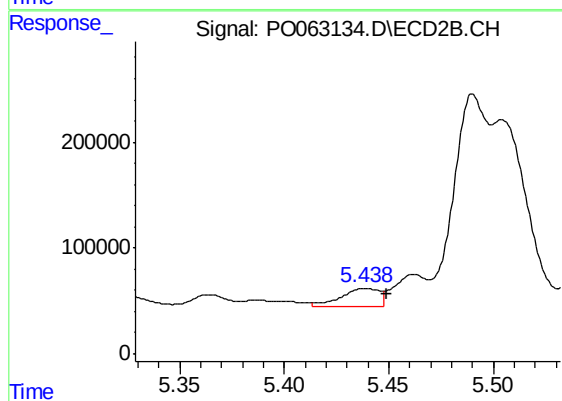
#26 AR-1254-1

R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 855424
Conc: 349.75 ng/ml



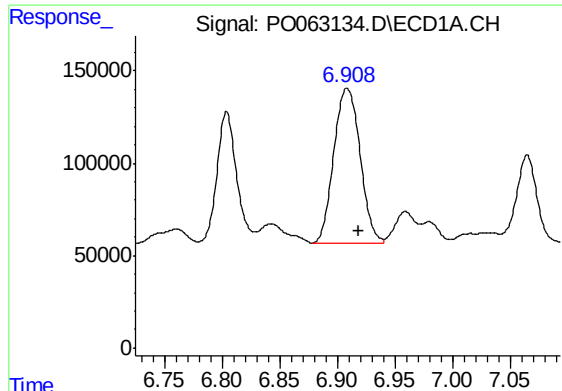
#27 AR-1254-2

R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 1101978
Conc: 269.53 ng/ml



#27 AR-1254-2

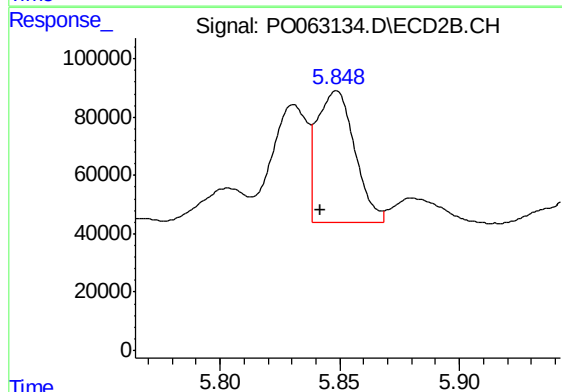
R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 225679
Conc: 106.56 ng/ml



#28 AR-1254-3

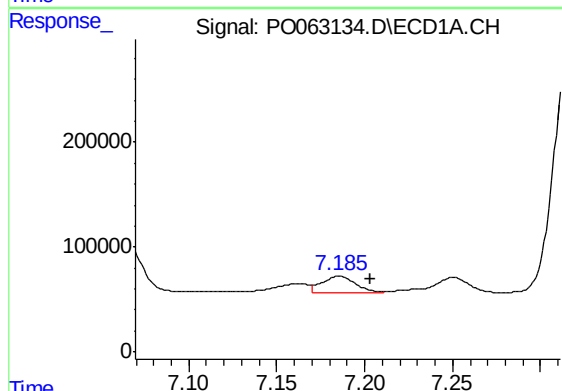
R.T.: 6.909 min
Delta R.T.: -0.010 min
Response: 1343777
Conc: 321.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



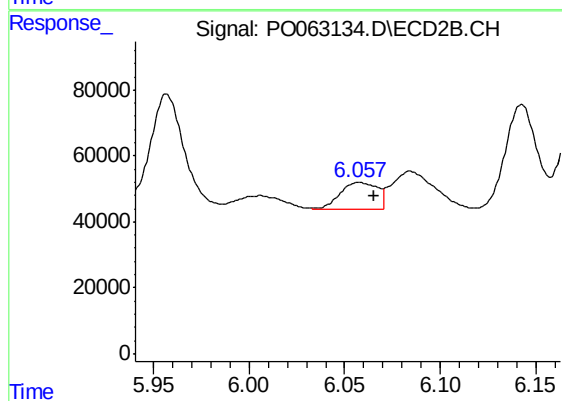
#28 AR-1254-3

R.T.: 5.849 min
Delta R.T.: 0.007 min
Response: 498742
Conc: 153.07 ng/ml



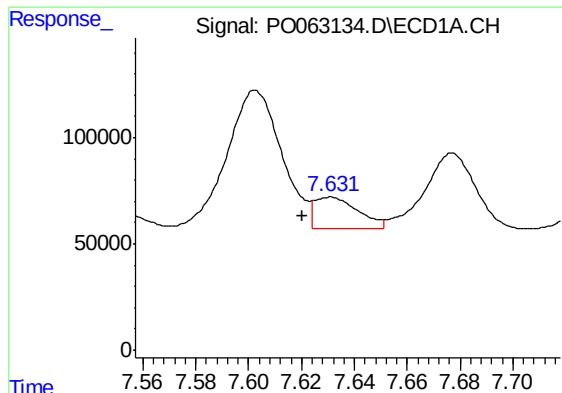
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.017 min
Response: 203773
Conc: 67.62 ng/ml



#29 AR-1254-4

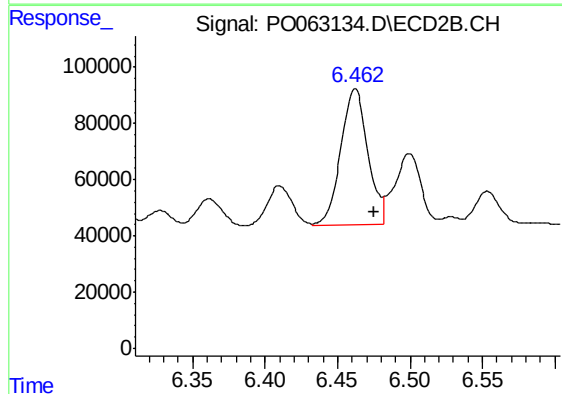
R.T.: 6.058 min
Delta R.T.: -0.008 min
Response: 107073
Conc: 55.44 ng/ml



#30 AR-1254-5

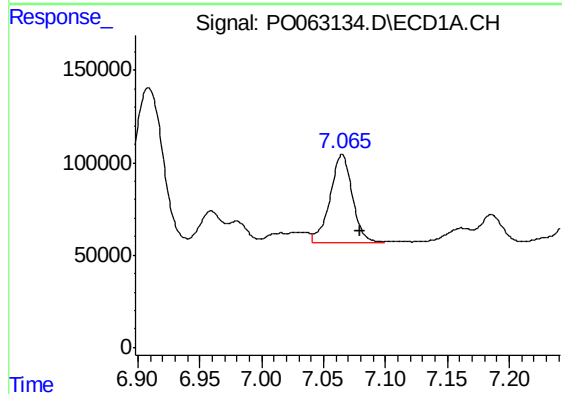
R.T.: 7.631 min
Delta R.T.: 0.011 min
Response: 170262
Conc: 54.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



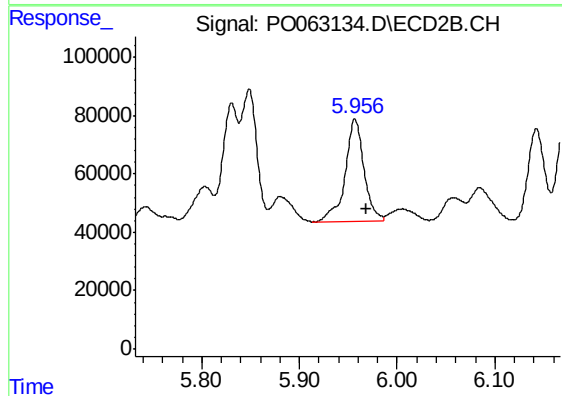
#30 AR-1254-5

R.T.: 6.462 min
Delta R.T.: -0.013 min
Response: 629647
Conc: 238.39 ng/ml



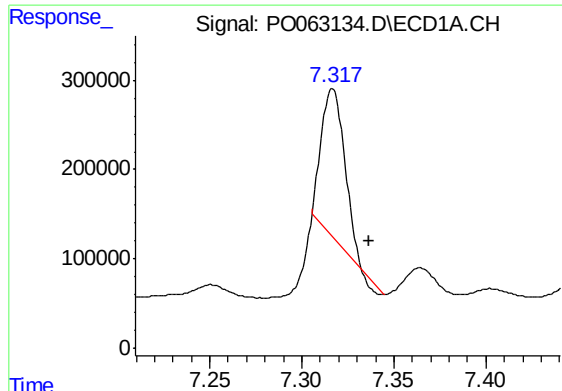
#31 AR-1260-1

R.T.: 7.065 min
Delta R.T.: -0.015 min
Response: 611517
Conc: 214.78 ng/ml



#31 AR-1260-1

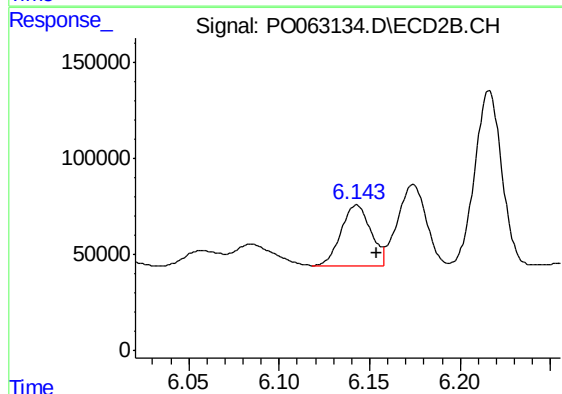
R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 472210
Conc: 222.24 ng/ml



#32 AR-1260-2

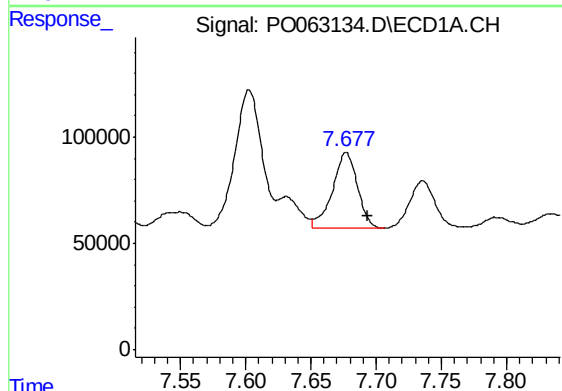
R.T.: 7.317 min
Delta R.T.: -0.020 min
Response: 1427778
Conc: 416.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



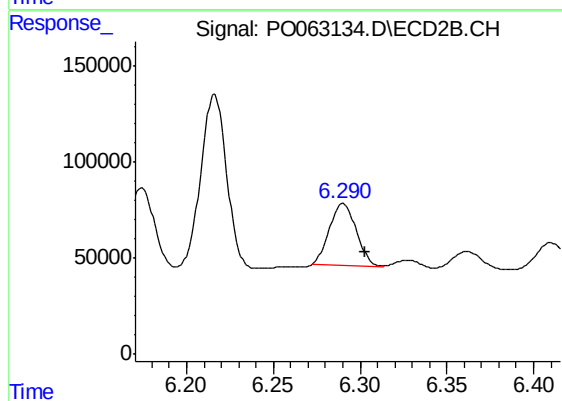
#32 AR-1260-2

R.T.: 6.143 min
Delta R.T.: -0.011 min
Response: 356354
Conc: 140.43 ng/ml



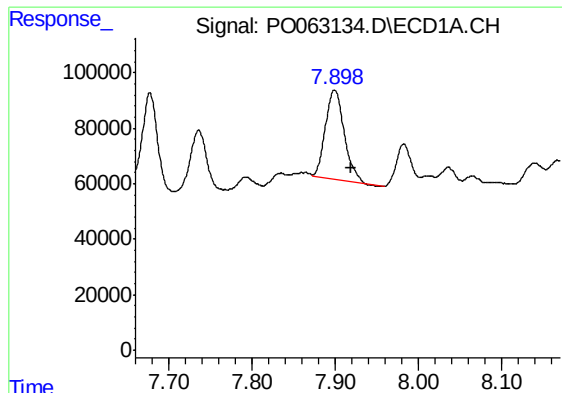
#33 AR-1260-3

R.T.: 7.677 min
Delta R.T.: -0.017 min
Response: 475773
Conc: 179.80 ng/ml



#33 AR-1260-3

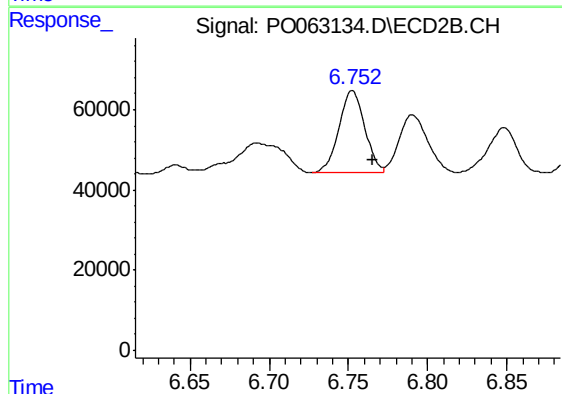
R.T.: 6.290 min
Delta R.T.: -0.013 min
Response: 344408
Conc: 152.52 ng/ml



#34 AR-1260-4

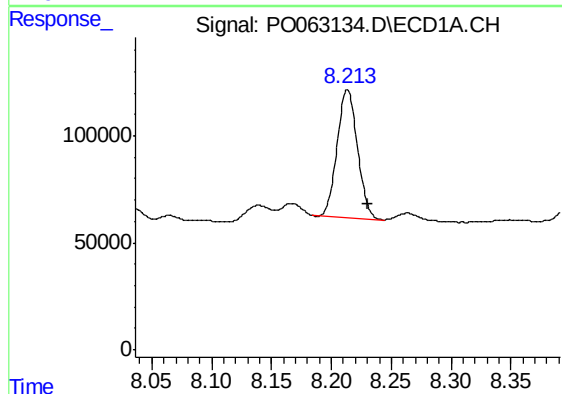
R.T.: 7.899 min
Delta R.T.: -0.019 min
Response: 503882
Conc: 180.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



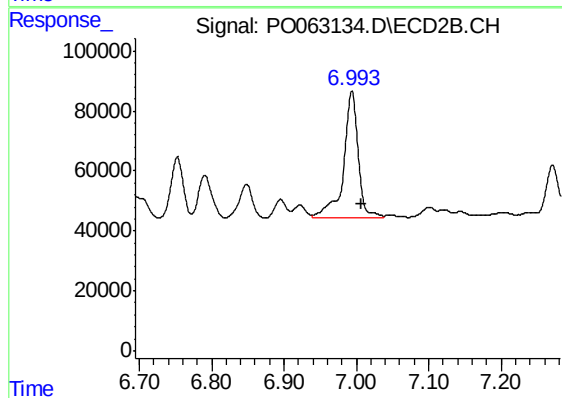
#34 AR-1260-4

R.T.: 6.753 min
Delta R.T.: -0.013 min
Response: 234387
Conc: 133.49 ng/ml



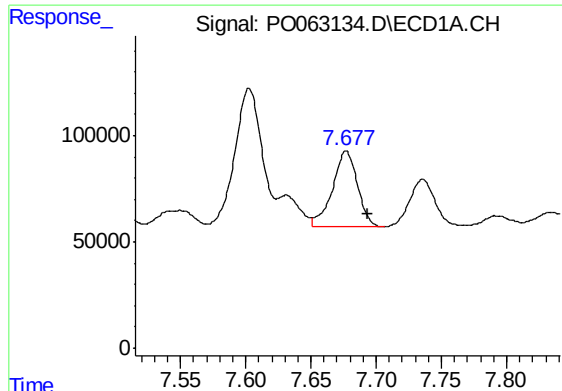
#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: -0.017 min
Response: 707081
Conc: 135.05 ng/ml



#35 AR-1260-5

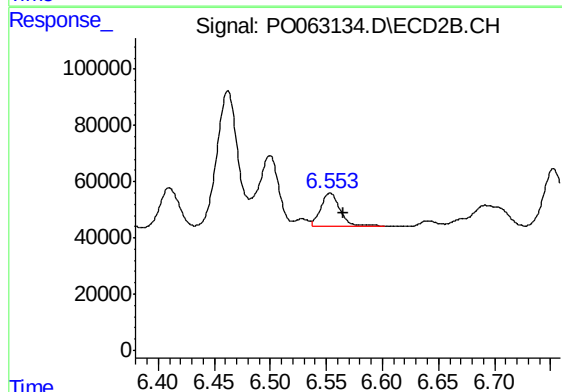
R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 594834
Conc: 165.12 ng/ml



#36 AR-1262-1

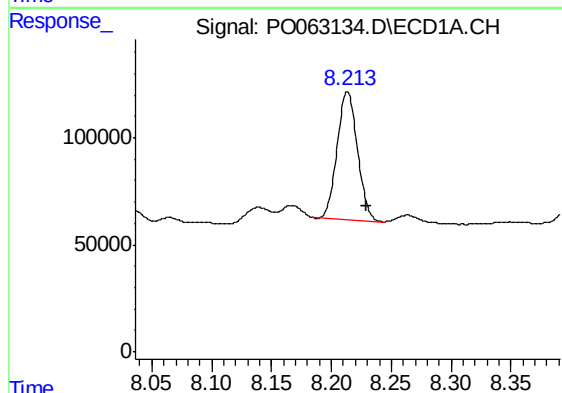
R.T.: 7.677 min
Delta R.T.: -0.016 min
Response: 475773
Conc: 115.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



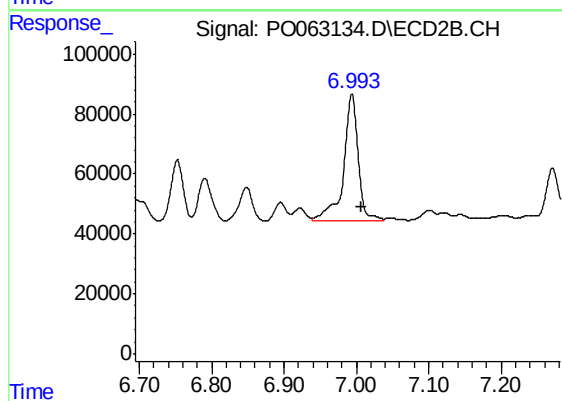
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 141963
Conc: 119.12 ng/ml



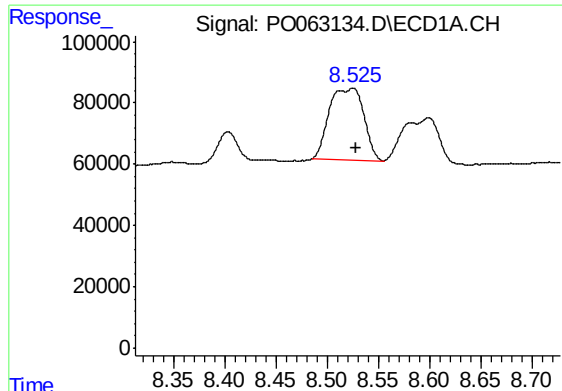
#37 AR-1262-2

R.T.: 8.213 min
Delta R.T.: -0.016 min
Response: 707081
Conc: 109.66 ng/ml



#37 AR-1262-2

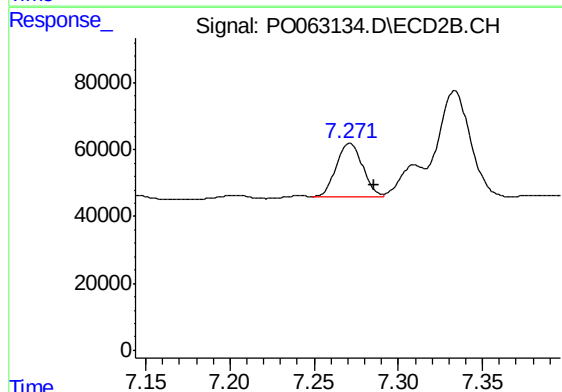
R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 594834
Conc: 141.57 ng/ml



#38 AR-1262-3

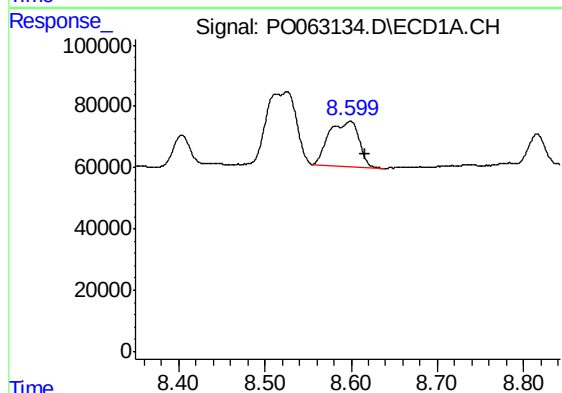
R.T.: 8.525 min
Delta R.T.: -0.003 min
Response: 551613
Conc: 125.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



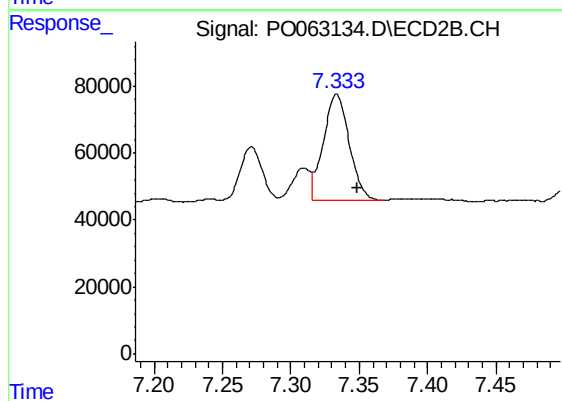
#38 AR-1262-3

R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 175863
Conc: 99.99 ng/ml



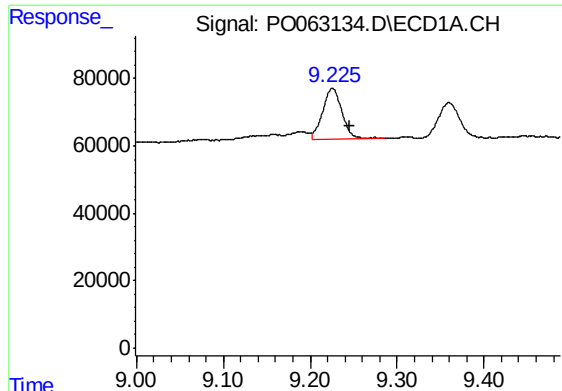
#39 AR-1262-4

R.T.: 8.599 min
Delta R.T.: -0.016 min
Response: 357666
Conc: 103.52 ng/ml



#39 AR-1262-4

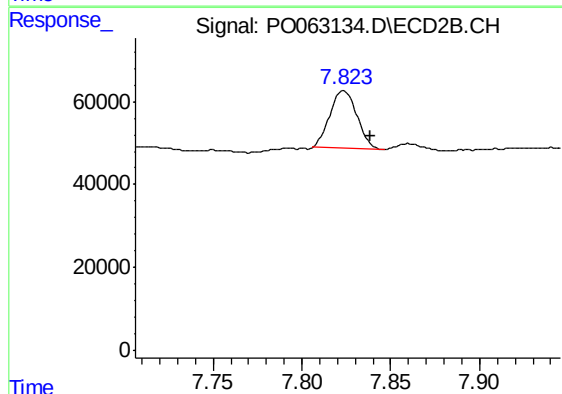
R.T.: 7.334 min
Delta R.T.: -0.016 min
Response: 419632
Conc: 137.26 ng/ml



#40 AR-1262-5

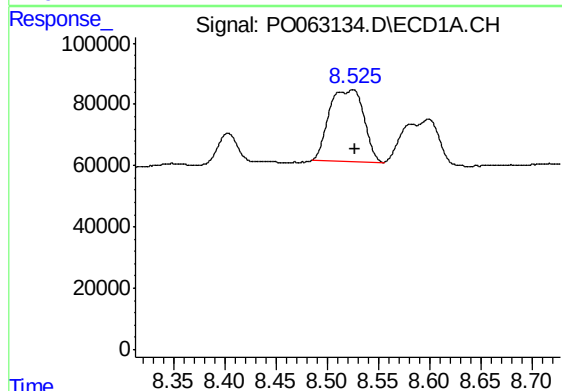
R.T.: 9.226 min
Delta R.T.: -0.020 min
Response: 234784
Conc: 103.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



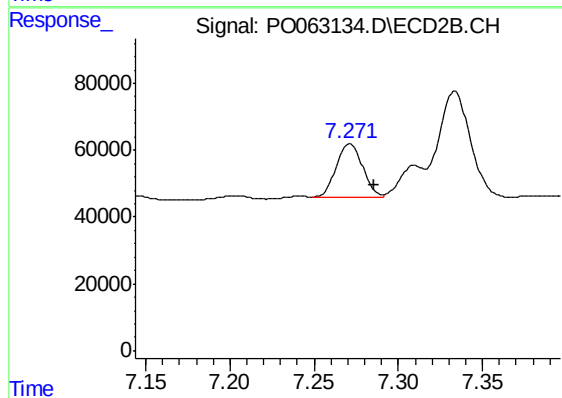
#40 AR-1262-5

R.T.: 7.823 min
Delta R.T.: -0.015 min
Response: 148729
Conc: 113.88 ng/ml



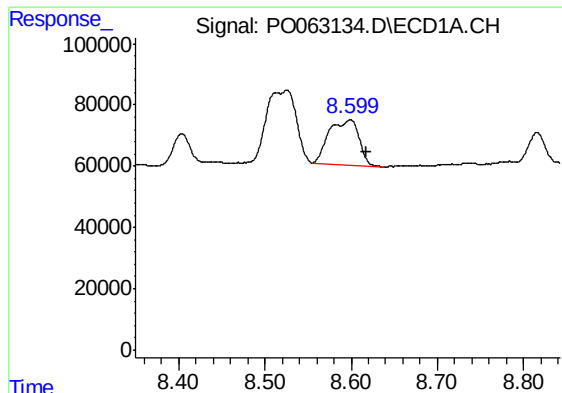
#41 AR-1268-1

R.T.: 8.525 min
Delta R.T.: -0.002 min
Response: 551613
Conc: 72.87 ng/ml



#41 AR-1268-1

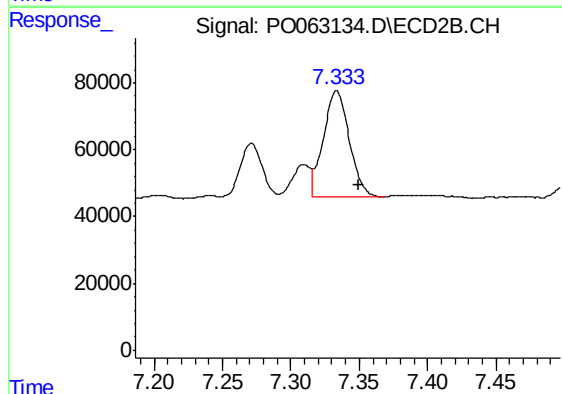
R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 175863
Conc: 37.55 ng/ml



#42 AR-1268-2

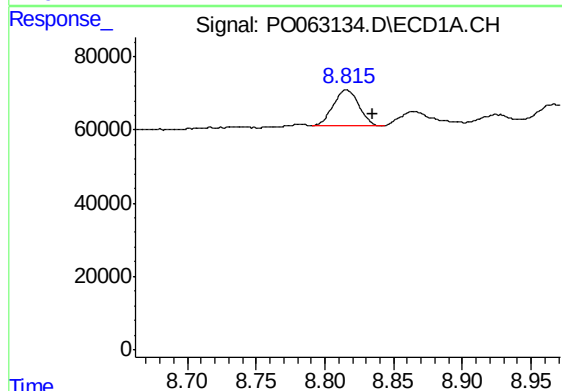
R.T.: 8.599 min
Delta R.T.: -0.019 min
Response: 357666
Conc: 50.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



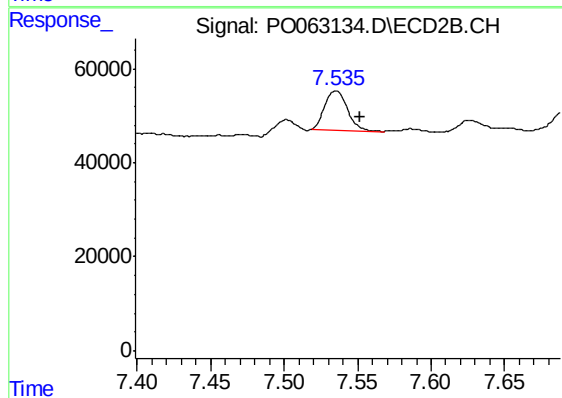
#42 AR-1268-2

R.T.: 7.334 min
Delta R.T.: -0.016 min
Response: 419632
Conc: 100.44 ng/ml



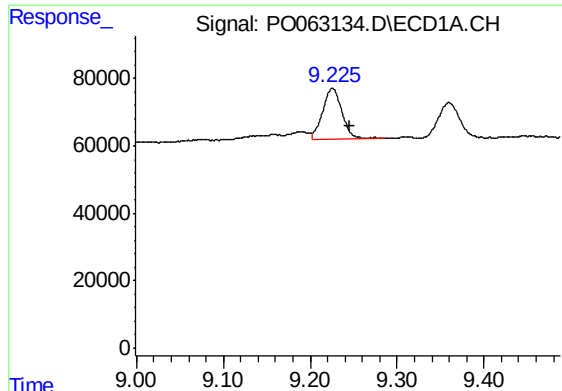
#43 AR-1268-3

R.T.: 8.816 min
Delta R.T.: -0.019 min
Response: 126363
Conc: 21.08 ng/ml



#43 AR-1268-3

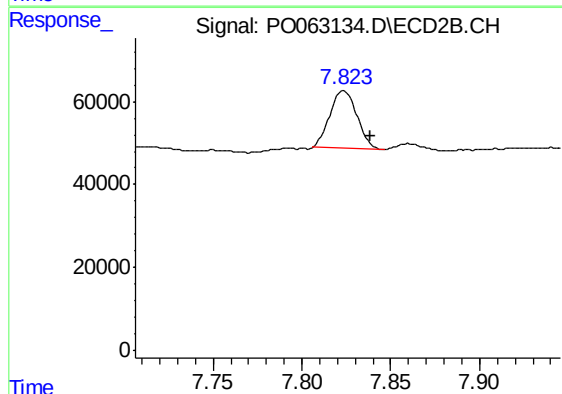
R.T.: 7.535 min
Delta R.T.: -0.016 min
Response: 88785
Conc: 25.48 ng/ml



#44 AR-1268-4

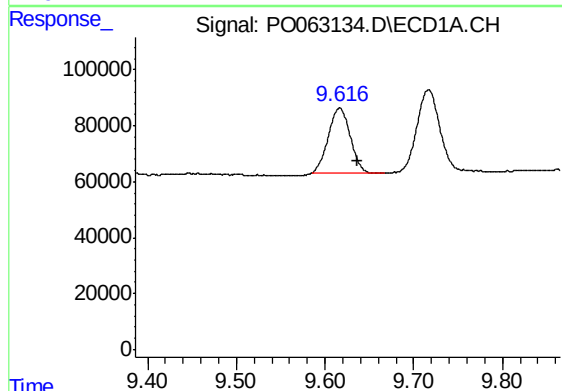
R.T.: 9.226 min
Delta R.T.: -0.020 min
Response: 234784
Conc: 98.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-26-(0-1)



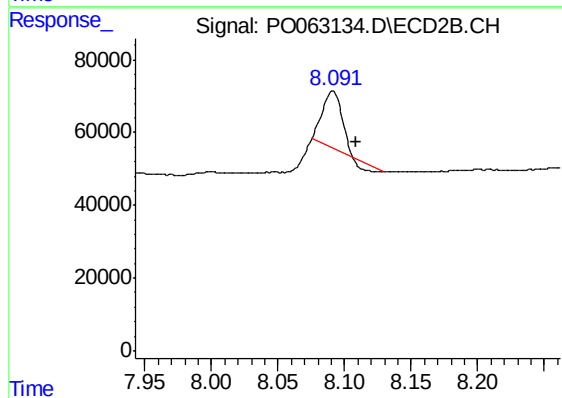
#44 AR-1268-4

R.T.: 7.823 min
Delta R.T.: -0.015 min
Response: 148729
Conc: 104.38 ng/ml



#45 AR-1268-5

R.T.: 9.617 min
Delta R.T.: -0.021 min
Response: 398881
Conc: 22.13 ng/ml



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: -0.017 min
Response: 141238
Conc: 15.26 ng/ml