

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102721\
 Data File : PO082248.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2021 18:28
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 02:32:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 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...	4.976	3.972	4049251	1425092	50.113	48.301
2)	SA Decachlor...	11.094	9.296	2885716	1319182	51.921	51.793
Target Compounds							
3)	L1 AR-1016-1	6.310	5.233	1286776	595301	508.384	491.062
4)	L1 AR-1016-2	6.334	5.253	1814109	812917	502.096	491.347
5)	L1 AR-1016-3	6.400	5.444	1127405	441996	528.832	496.632
6)	L1 AR-1016-4	6.508	5.498	934674	364088	531.801	501.168
7)	L1 AR-1016-5	6.826	5.726	886745	440370	519.624	494.203
8)	L2 AR-1221-1	5.224	4.229	149291	56395	172.749	152.744
9)	L2 AR-1221-2	5.330	4.330	192253	81287	299.173	290.244
10)	L2 AR-1221-3	5.418	4.419	719475	302694	353.027	359.000
11)	L3 AR-1232-1	5.418	4.419	719475	302694	477.051	459.915
12)	L3 AR-1232-2	6.012	5.253	955693	812917	1166.500	1137.832
13)	L3 AR-1232-3	6.334	5.444	1814109	441996	1227.607	1166.184
14)	L3 AR-1232-4	6.508	5.541	934674	424476	1320.157	1209.582
15)	L3 AR-1232-5	6.607	5.726	746958	440370	1472.105	1159.703
16)	L4 AR-1242-1	6.310	5.233	1286776	595301	677.846	650.349
17)	L4 AR-1242-2	6.334	5.253	1814109	812917	675.905	662.476
18)	L4 AR-1242-3	6.400	5.444	1127405	441996	697.026	656.963
19)	L4 AR-1242-4	6.508	5.541	934674	424476	732.077	632.348
20)	L4 AR-1242-5	7.298	6.107	138027	386965	108.522	450.354 #
21)	L5 AR-1248-1	6.310	5.233	1286776	595301	864.670	814.929
22)	L5 AR-1248-2	6.607	5.498	746958	364088	384.137	378.617
23)	L5 AR-1248-3	6.826	5.541	886745	424476	408.208	430.709
24)	L5 AR-1248-4	7.258	5.726	161760	440370	68.563	383.110 #
25)	L5 AR-1248-5	7.298	6.150	138027	64051	61.938	58.956
26)	L6 AR-1254-1	7.227	6.107	699204	386965	291.956	232.361
27)	L6 AR-1254-2	7.458	6.268	662688	333081	181.675	223.097
28)	L6 AR-1254-3	7.844	6.709	373984	631136	103.344	281.846 #
29)	L6 AR-1254-4	8.140	6.930	273590	91510	101.526	62.306 #
30)	L6 AR-1254-5	8.573	7.361	1994171	1101382	684.701	534.832
31)	L7 AR-1260-1	8.011	6.827	1529972	836185	542.092	505.140
32)	L7 AR-1260-2	8.279	7.026	1715117	1042515	515.558	519.742
33)	L7 AR-1260-3	8.647	7.181	1152720	899741	511.422	474.939
34)	L7 AR-1260-4	8.880	7.666	1363576	685394	515.073	500.049
35)	L7 AR-1260-5	9.214	7.915	2654793	1654538	484.583	500.739
36)	L8 AR-1262-1	8.647	7.361	1152720	1101382	336.981	998.439 #
37)	L8 AR-1262-2	9.214	7.915	2654793	1654538	422.768	463.123
38)	L8 AR-1262-3	9.555f	8.204	1708769	412322	621.321	273.933 #
39)	L8 AR-1262-4	9.628	8.266	336110	1176364	200.741	441.988 #
40)	L8 AR-1262-5	10.316	8.766	733858	402532	322.032	318.675
41)	L9 AR-1268-1	9.555f	8.204	1708769	412322	228.752	97.850 #

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 Acq On : 27 Oct 2021 18:28
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

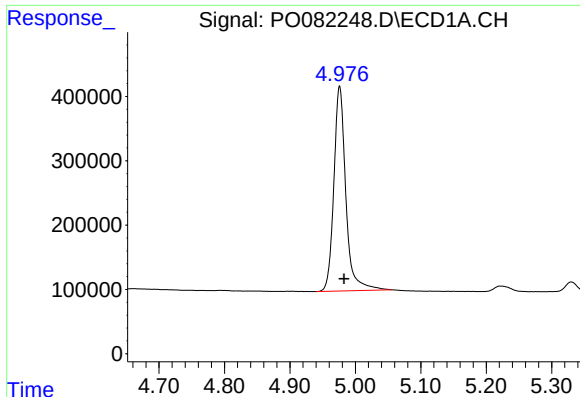
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 02:32:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.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
42) L9	AR-1268-2	9.628	8.266	336110	1176364	49.683	309.676 #
43) L9	AR-1268-3	9.862	8.478	42719	25660	7.234	7.912
44) L9	AR-1268-4	10.316	8.766	733858	402532	289.999	289.774
45) L9	AR-1268-5	10.745	9.049	233877	125919	11.627	13.008

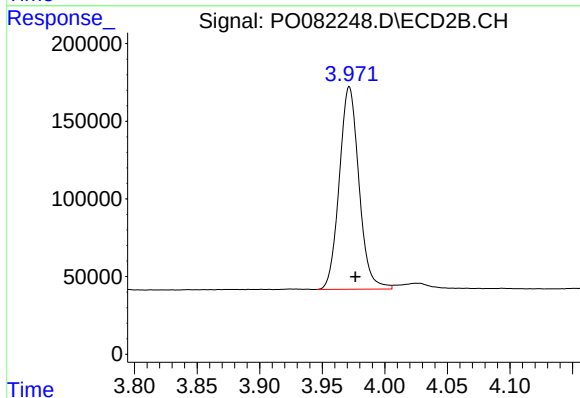
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

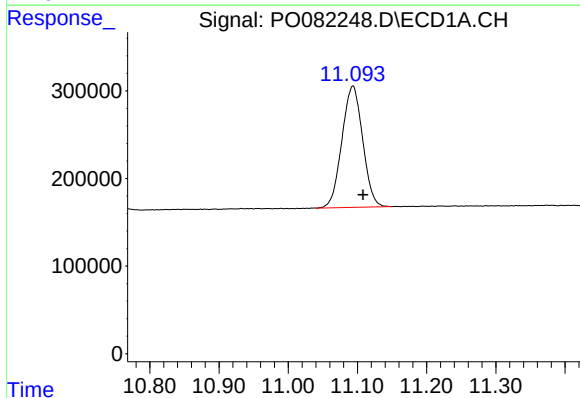
R.T.: 4.976 min
Delta R.T.: -0.007 min
Response: 4049251
Conc: 50.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



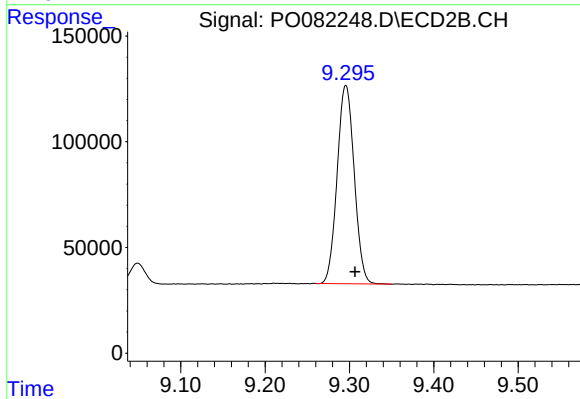
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 1425092
Conc: 48.30 ng/ml



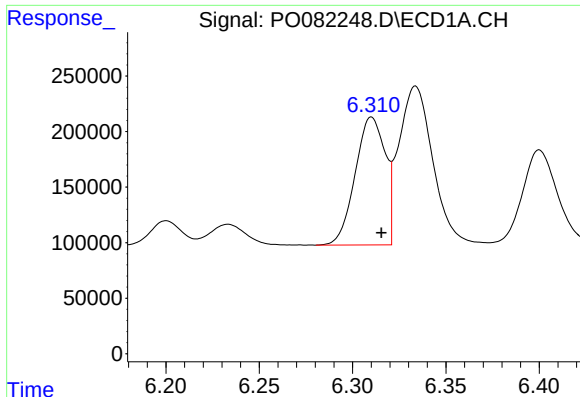
#2 Decachlorobiphenyl

R.T.: 11.094 min
Delta R.T.: -0.014 min
Response: 2885716
Conc: 51.92 ng/ml



#2 Decachlorobiphenyl

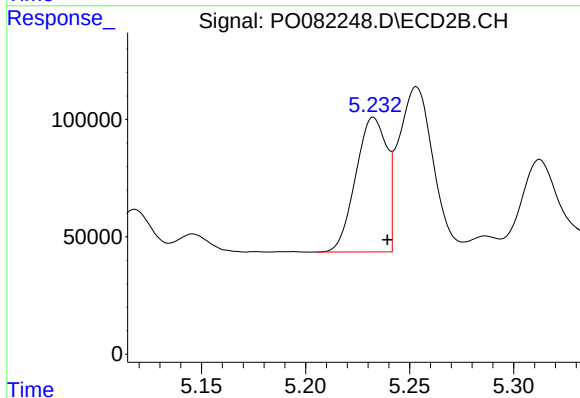
R.T.: 9.296 min
Delta R.T.: -0.011 min
Response: 1319182
Conc: 51.79 ng/ml



#3 AR-1016-1

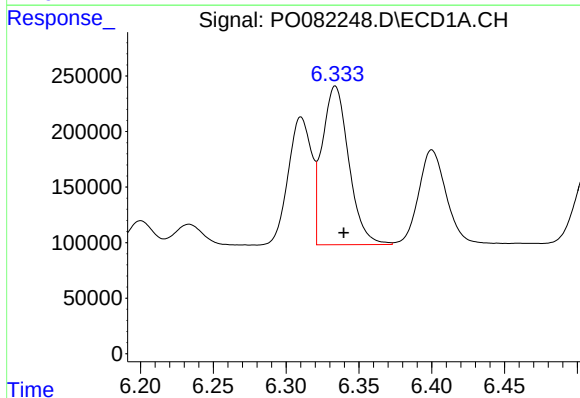
R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 1286776
Conc: 508.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



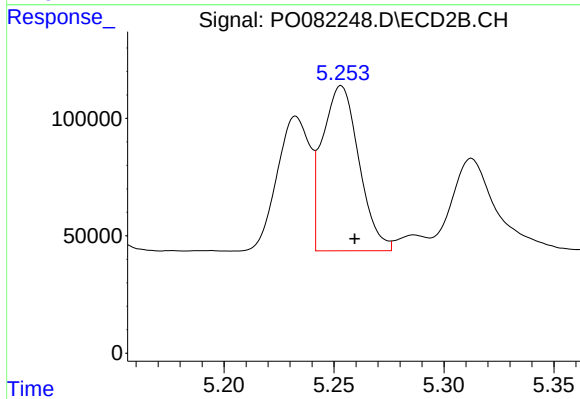
#3 AR-1016-1

R.T.: 5.233 min
Delta R.T.: -0.007 min
Response: 595301
Conc: 491.06 ng/ml



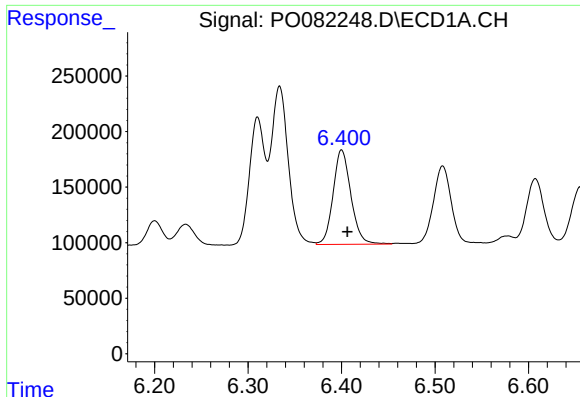
#4 AR-1016-2

R.T.: 6.334 min
Delta R.T.: -0.006 min
Response: 1814109
Conc: 502.10 ng/ml



#4 AR-1016-2

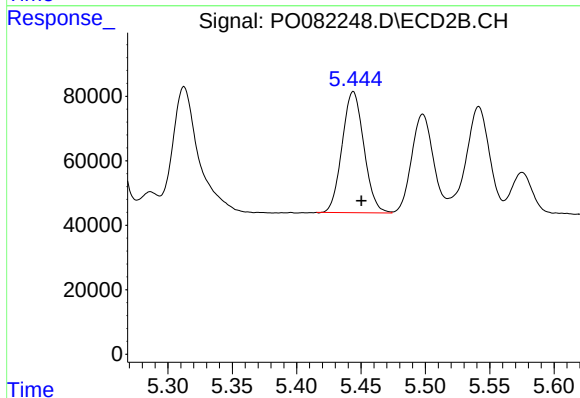
R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 812917
Conc: 491.35 ng/ml



#5 AR-1016-3

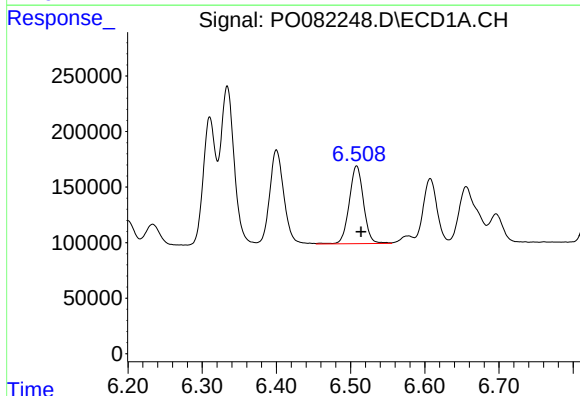
R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 1127405
Conc: 528.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



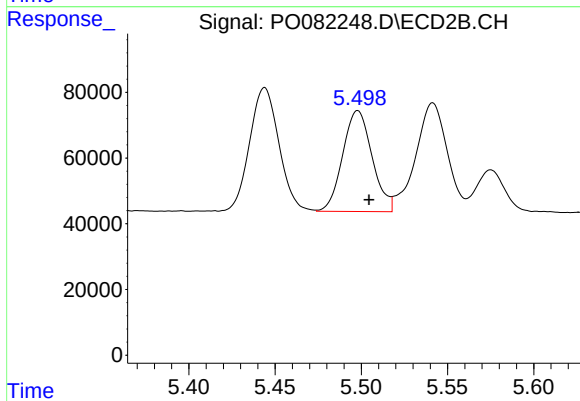
#5 AR-1016-3

R.T.: 5.444 min
Delta R.T.: -0.006 min
Response: 441996
Conc: 496.63 ng/ml



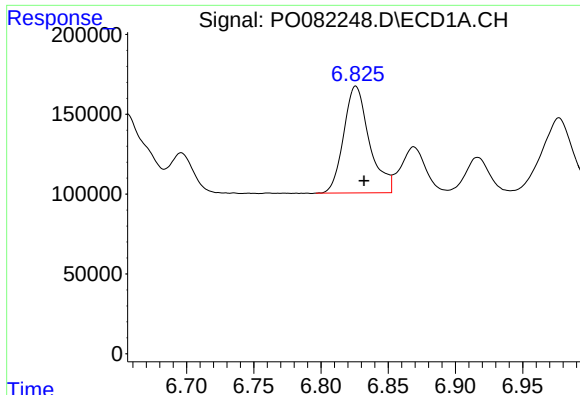
#6 AR-1016-4

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 934674
Conc: 531.80 ng/ml



#6 AR-1016-4

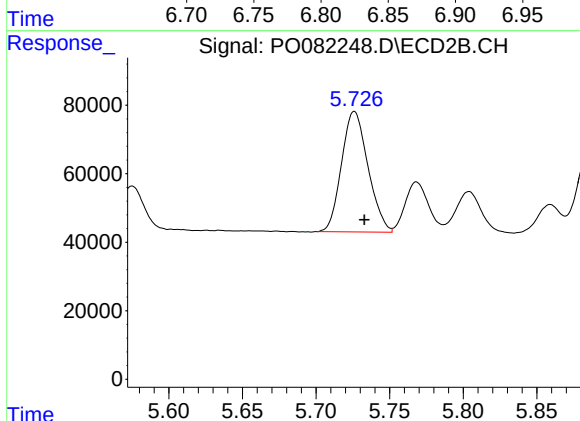
R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 364088
Conc: 501.17 ng/ml



#7 AR-1016-5

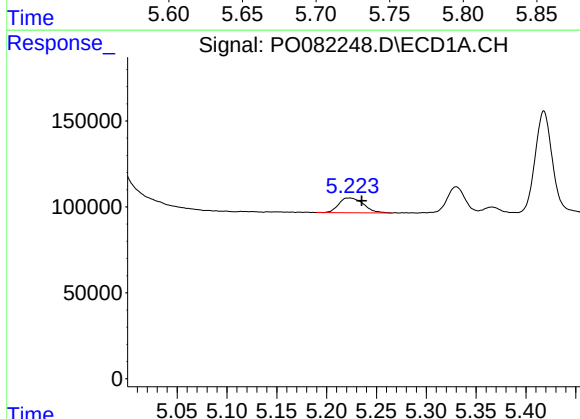
R.T.: 6.826 min
Delta R.T.: -0.006 min
Response: 886745
Conc: 519.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



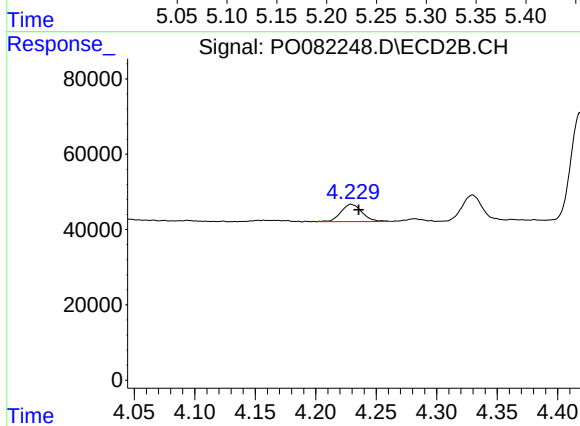
#7 AR-1016-5

R.T.: 5.726 min
Delta R.T.: -0.007 min
Response: 440370
Conc: 494.20 ng/ml



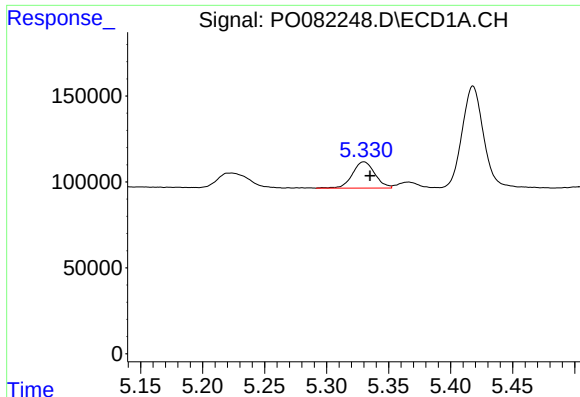
#8 AR-1221-1

R.T.: 5.224 min
Delta R.T.: -0.012 min
Response: 149291
Conc: 172.75 ng/ml



#8 AR-1221-1

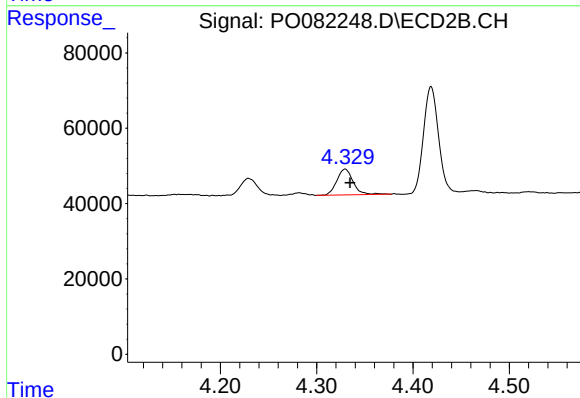
R.T.: 4.229 min
Delta R.T.: -0.006 min
Response: 56395
Conc: 152.74 ng/ml



#9 AR-1221-2

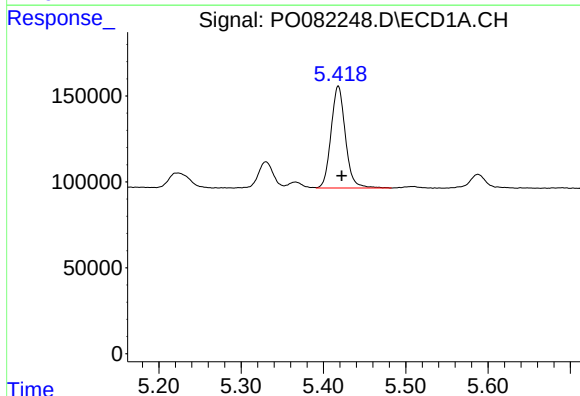
R.T.: 5.330 min
Delta R.T.: -0.005 min
Response: 192253
Conc: 299.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



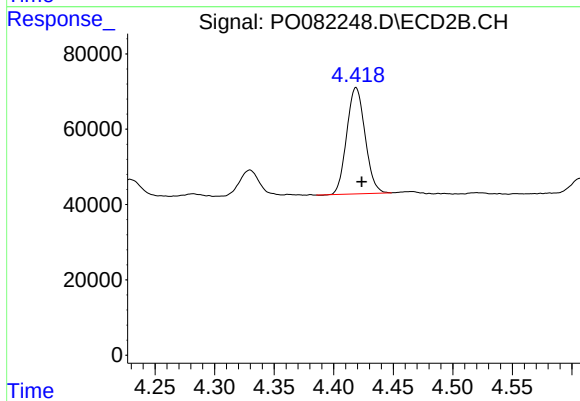
#9 AR-1221-2

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 81287
Conc: 290.24 ng/ml



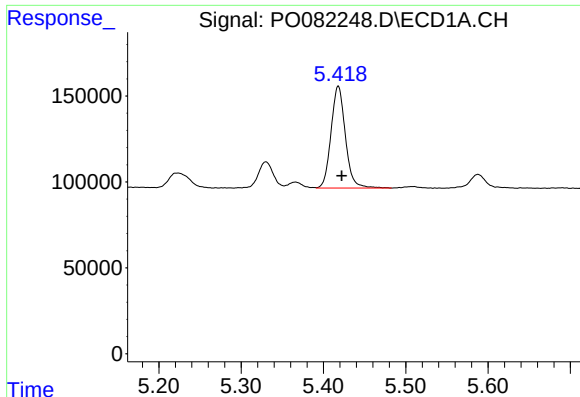
#10 AR-1221-3

R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 719475
Conc: 353.03 ng/ml



#10 AR-1221-3

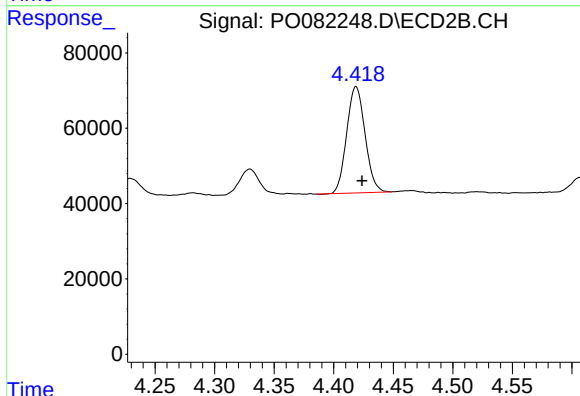
R.T.: 4.419 min
Delta R.T.: -0.005 min
Response: 302694
Conc: 359.00 ng/ml



#11 AR-1232-1

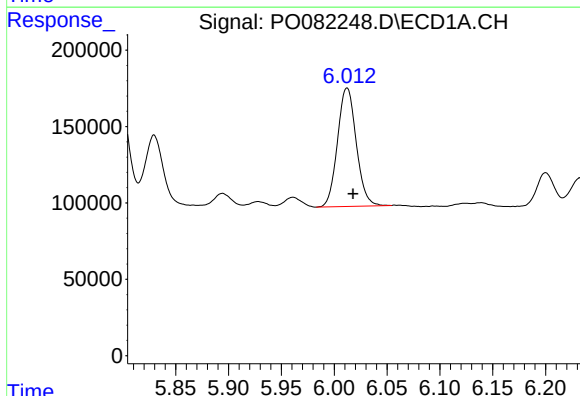
R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 719475
Conc: 477.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



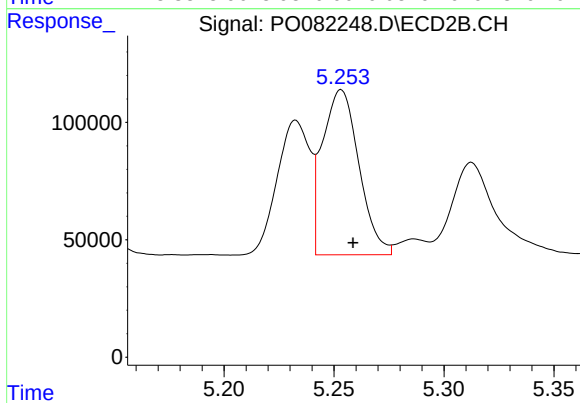
#11 AR-1232-1

R.T.: 4.419 min
Delta R.T.: -0.005 min
Response: 302694
Conc: 459.92 ng/ml



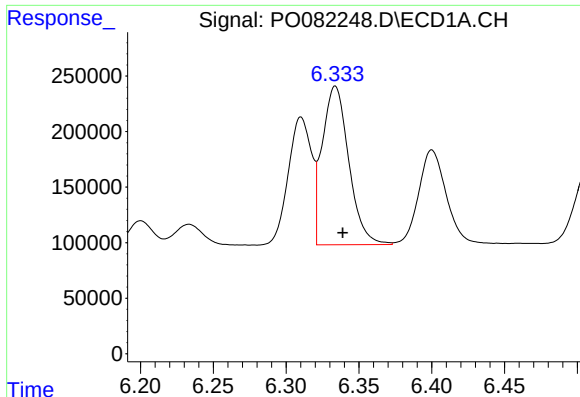
#12 AR-1232-2

R.T.: 6.012 min
Delta R.T.: -0.005 min
Response: 955693
Conc: 1166.50 ng/ml



#12 AR-1232-2

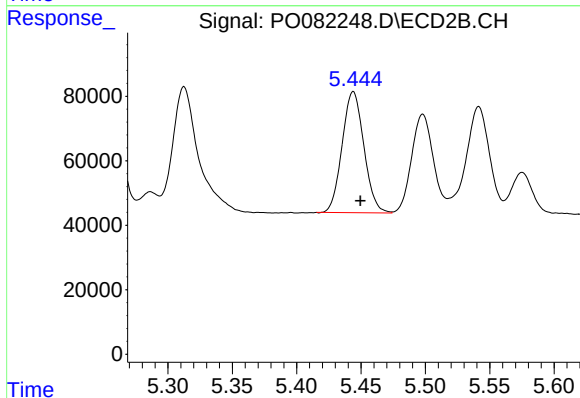
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 812917
Conc: 1137.83 ng/ml



#13 AR-1232-3

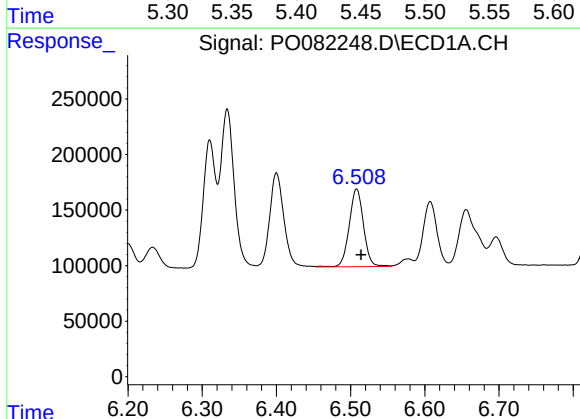
R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 1814109
Conc: 1227.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



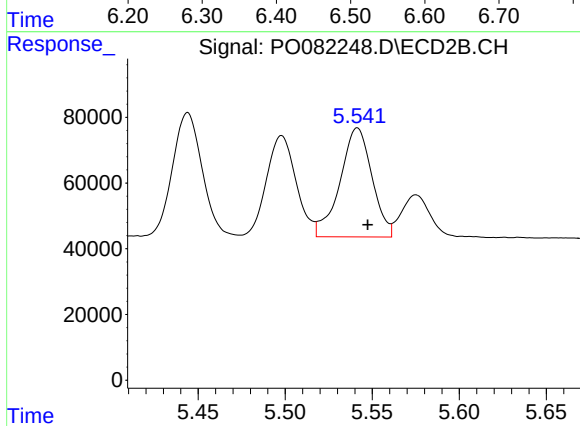
#13 AR-1232-3

R.T.: 5.444 min
Delta R.T.: -0.006 min
Response: 441996
Conc: 1166.18 ng/ml



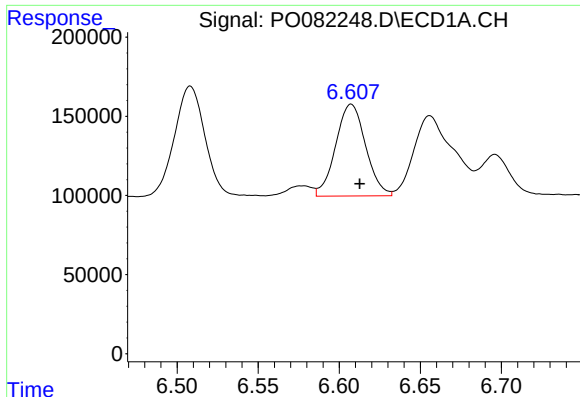
#14 AR-1232-4

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 934674
Conc: 1320.16 ng/ml



#14 AR-1232-4

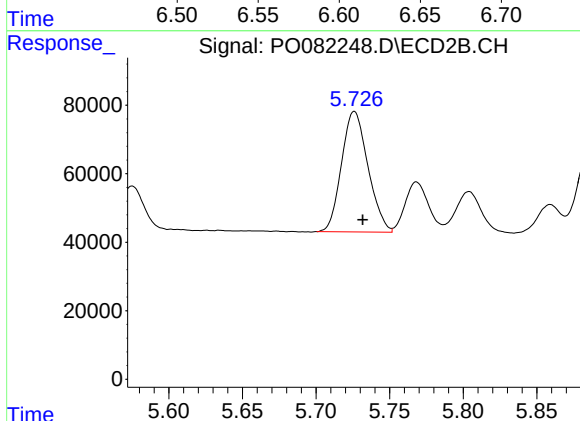
R.T.: 5.541 min
Delta R.T.: -0.006 min
Response: 424476
Conc: 1209.58 ng/ml



#15 AR-1232-5

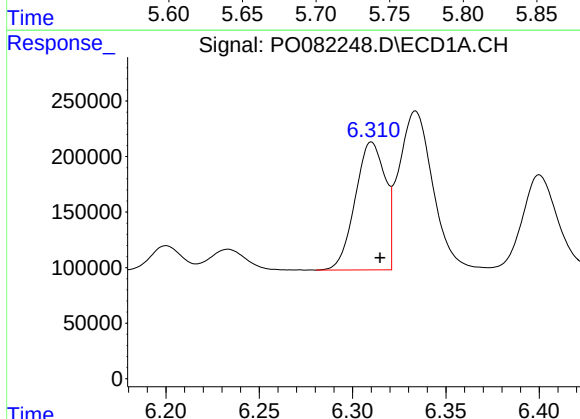
R.T.: 6.607 min
Delta R.T.: -0.005 min
Response: 746958
Conc: 1472.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



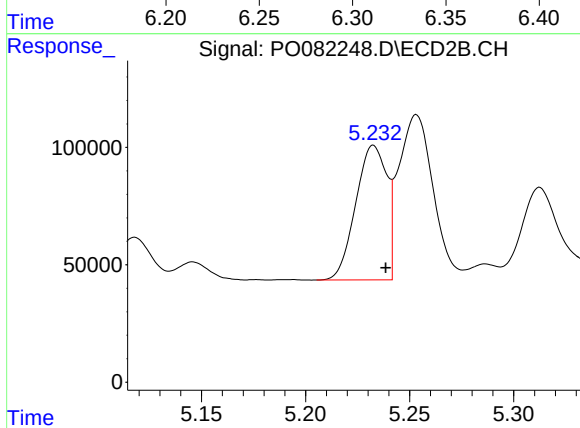
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 440370
Conc: 1159.70 ng/ml



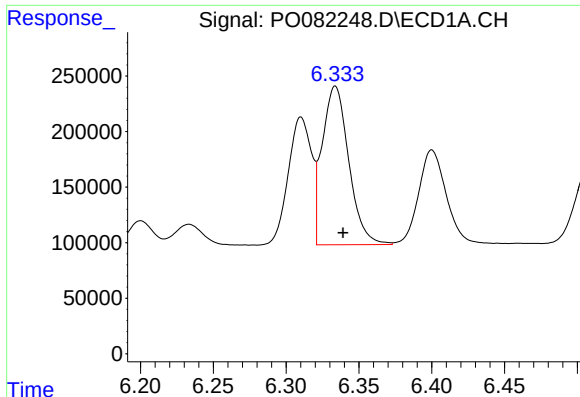
#16 AR-1242-1

R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 1286776
Conc: 677.85 ng/ml



#16 AR-1242-1

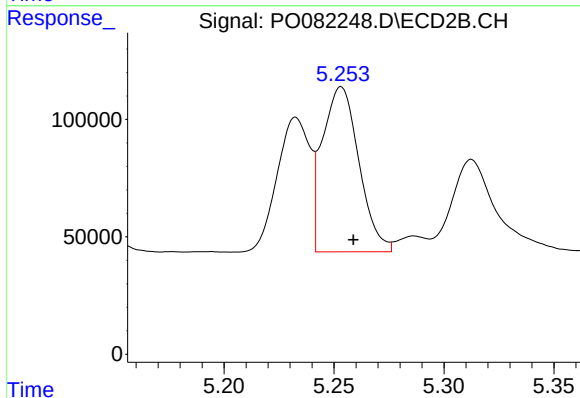
R.T.: 5.233 min
Delta R.T.: -0.006 min
Response: 595301
Conc: 650.35 ng/ml



#17 AR-1242-2

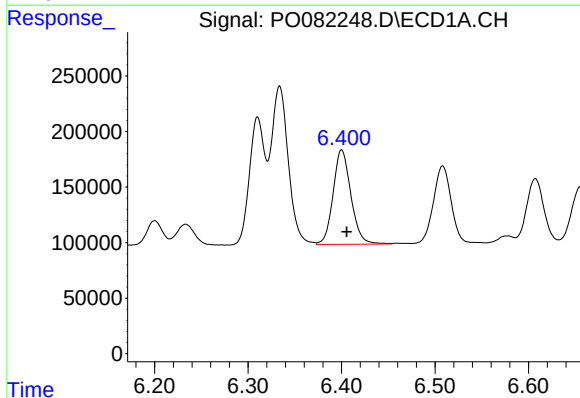
R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 1814109
Conc: 675.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



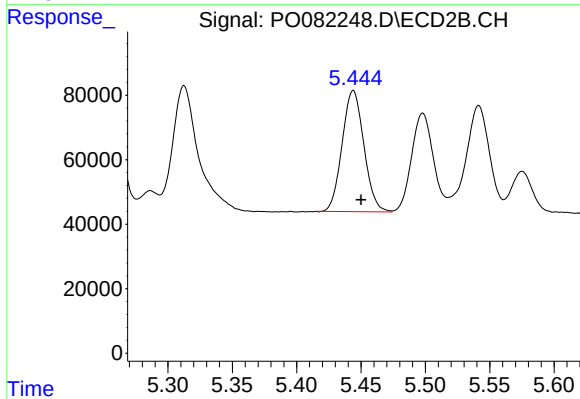
#17 AR-1242-2

R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 812917
Conc: 662.48 ng/ml



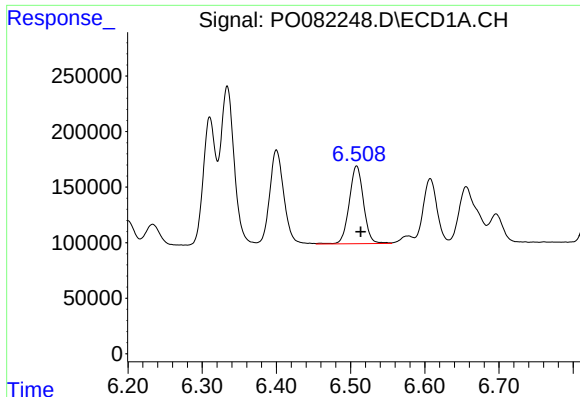
#18 AR-1242-3

R.T.: 6.400 min
Delta R.T.: -0.005 min
Response: 1127405
Conc: 697.03 ng/ml



#18 AR-1242-3

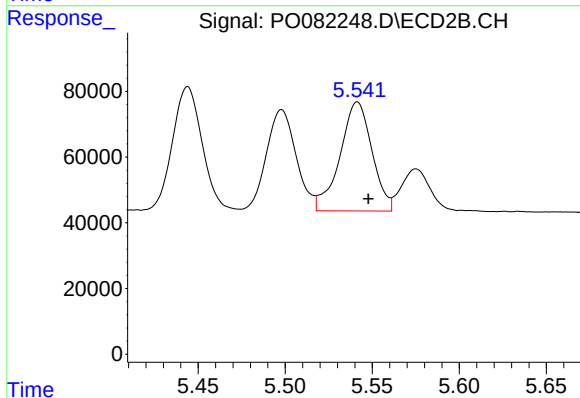
R.T.: 5.444 min
Delta R.T.: -0.006 min
Response: 441996
Conc: 656.96 ng/ml



#19 AR-1242-4

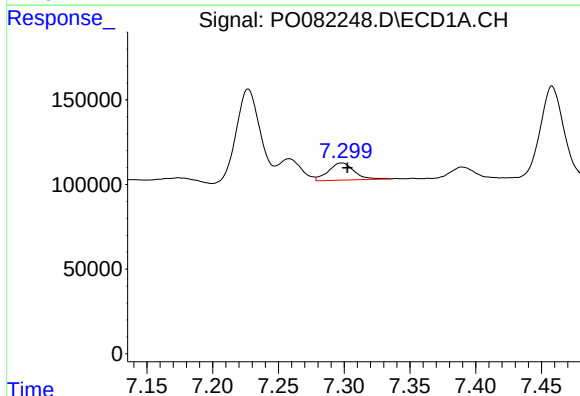
R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 934674
Conc: 732.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



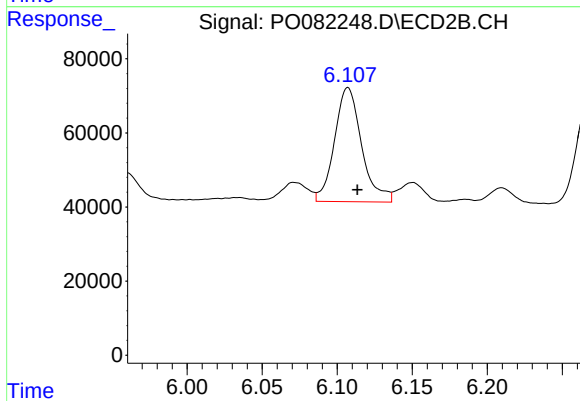
#19 AR-1242-4

R.T.: 5.541 min
Delta R.T.: -0.006 min
Response: 424476
Conc: 632.35 ng/ml



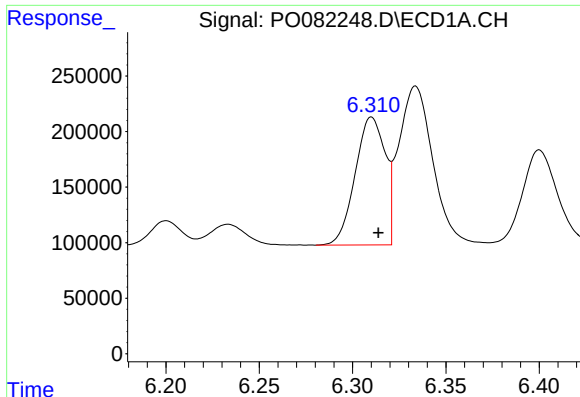
#20 AR-1242-5

R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 138027
Conc: 108.52 ng/ml



#20 AR-1242-5

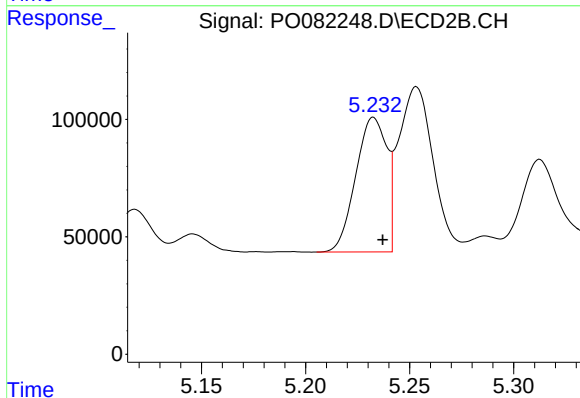
R.T.: 6.107 min
Delta R.T.: -0.006 min
Response: 386965
Conc: 450.35 ng/ml



#21 AR-1248-1

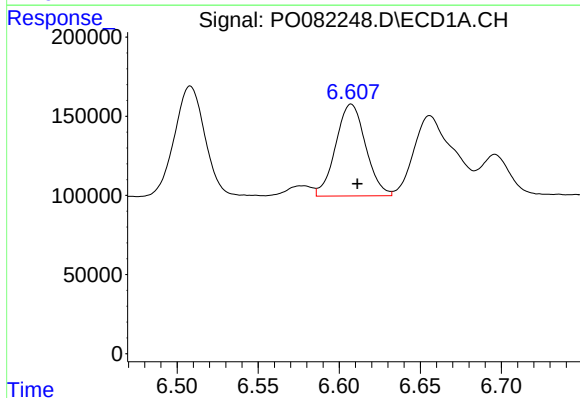
R.T.: 6.310 min
Delta R.T.: -0.004 min
Response: 1286776
Conc: 864.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



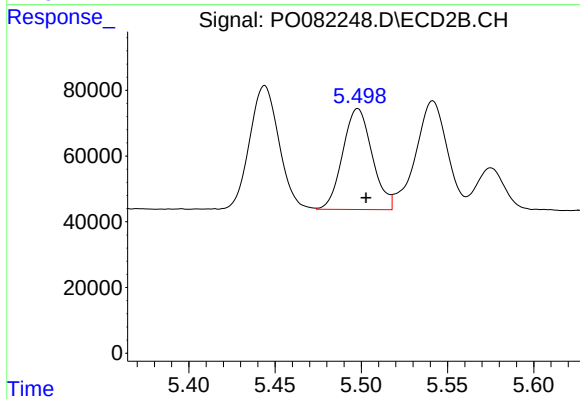
#21 AR-1248-1

R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 595301
Conc: 814.93 ng/ml



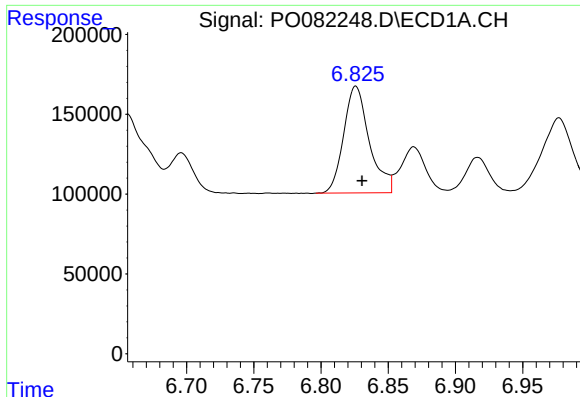
#22 AR-1248-2

R.T.: 6.607 min
Delta R.T.: -0.004 min
Response: 746958
Conc: 384.14 ng/ml



#22 AR-1248-2

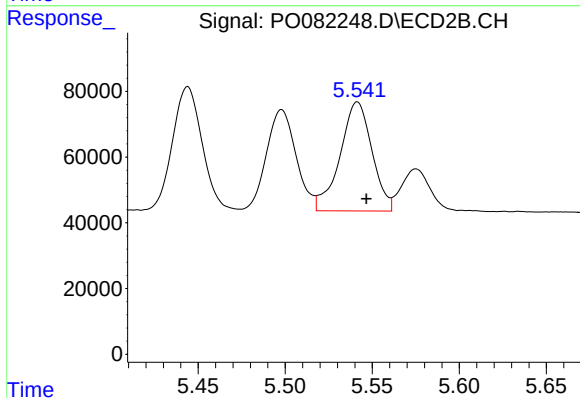
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 364088
Conc: 378.62 ng/ml



#23 AR-1248-3

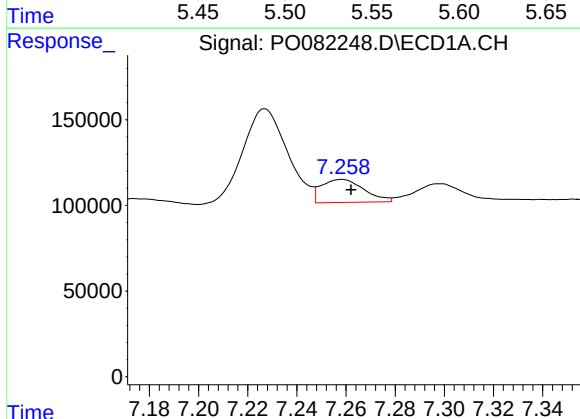
R.T.: 6.826 min
Delta R.T.: -0.005 min
Response: 886745
Conc: 408.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



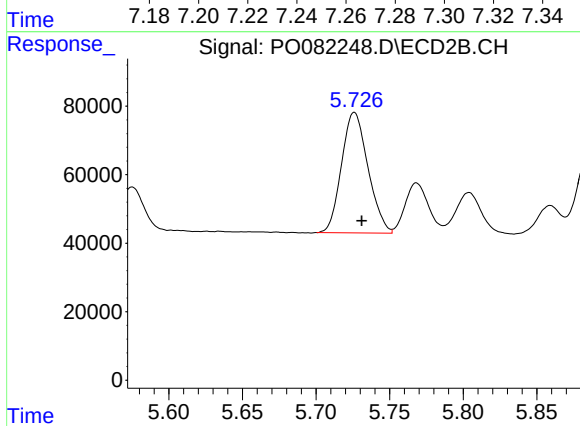
#23 AR-1248-3

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 424476
Conc: 430.71 ng/ml



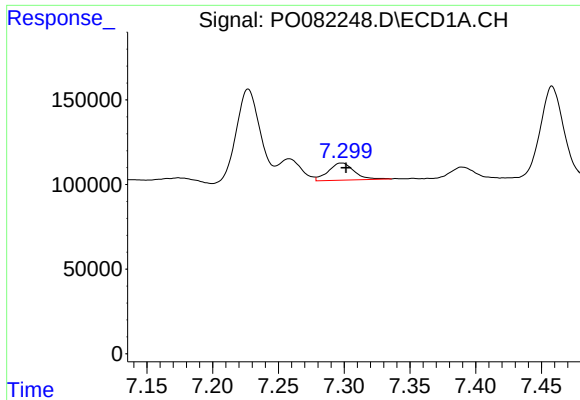
#24 AR-1248-4

R.T.: 7.258 min
Delta R.T.: -0.004 min
Response: 161760
Conc: 68.56 ng/ml



#24 AR-1248-4

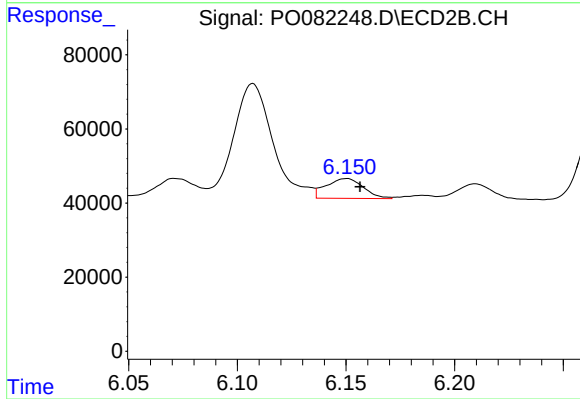
R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 440370
Conc: 383.11 ng/ml



#25 AR-1248-5

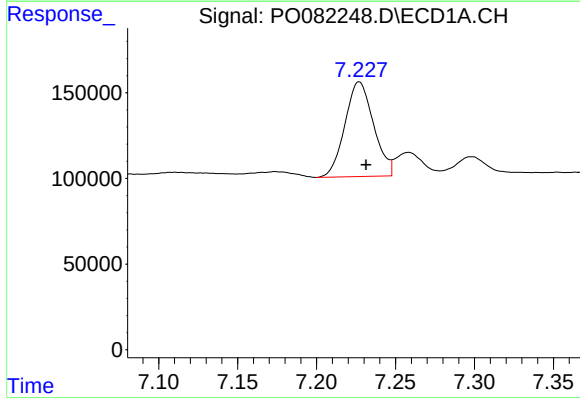
R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 138027
Conc: 61.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



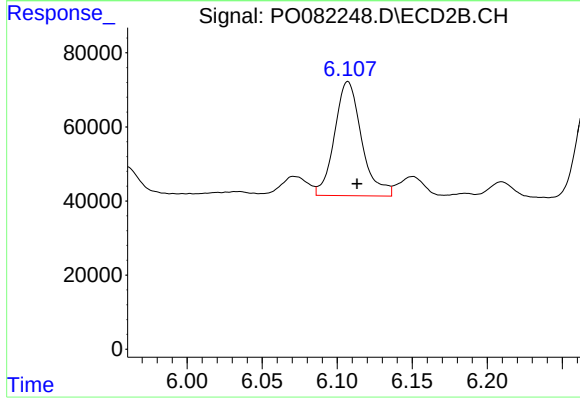
#25 AR-1248-5

R.T.: 6.150 min
Delta R.T.: -0.006 min
Response: 64051
Conc: 58.96 ng/ml



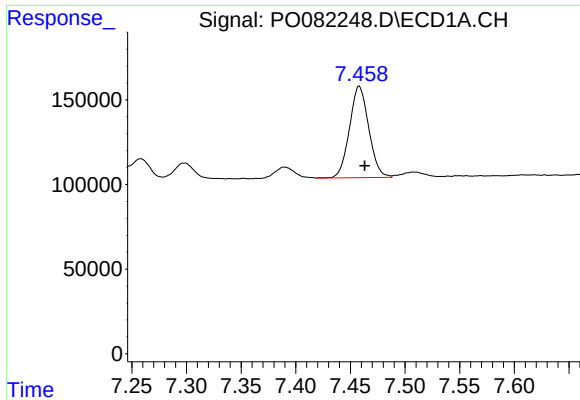
#26 AR-1254-1

R.T.: 7.227 min
Delta R.T.: -0.004 min
Response: 699204
Conc: 291.96 ng/ml



#26 AR-1254-1

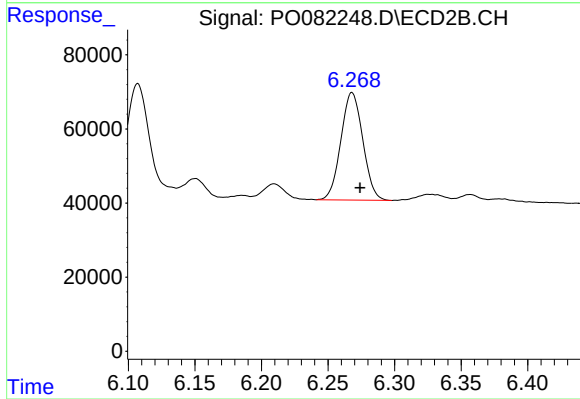
R.T.: 6.107 min
Delta R.T.: -0.006 min
Response: 386965
Conc: 232.36 ng/ml



#27 AR-1254-2

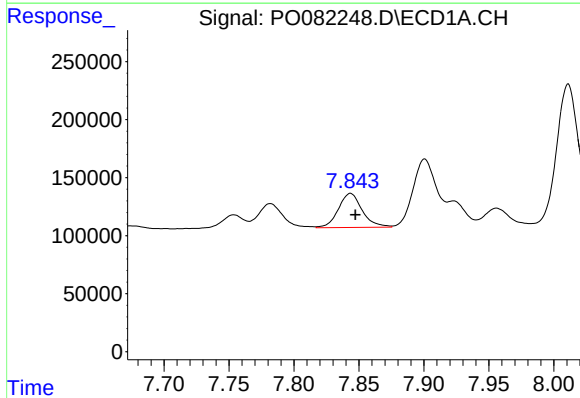
R.T.: 7.458 min
Delta R.T.: -0.005 min
Response: 662688
Conc: 181.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



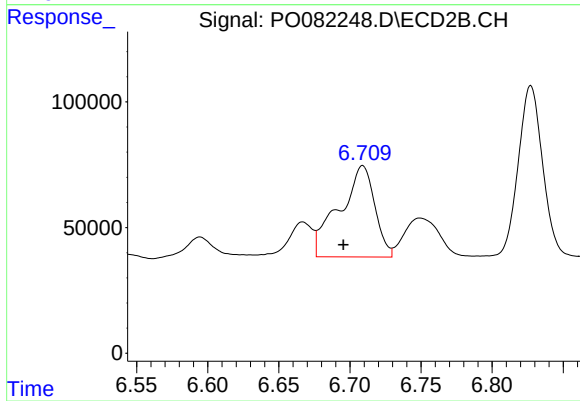
#27 AR-1254-2

R.T.: 6.268 min
Delta R.T.: -0.006 min
Response: 333081
Conc: 223.10 ng/ml



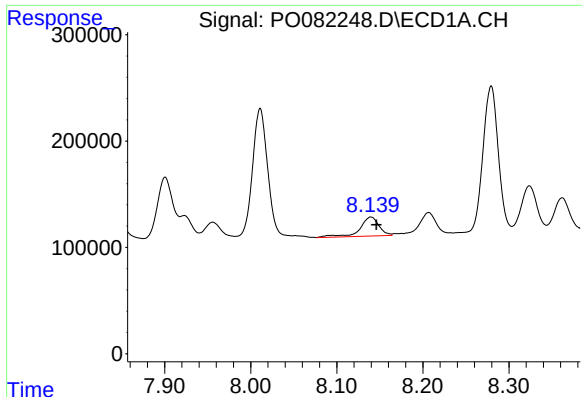
#28 AR-1254-3

R.T.: 7.844 min
Delta R.T.: -0.004 min
Response: 373984
Conc: 103.34 ng/ml



#28 AR-1254-3

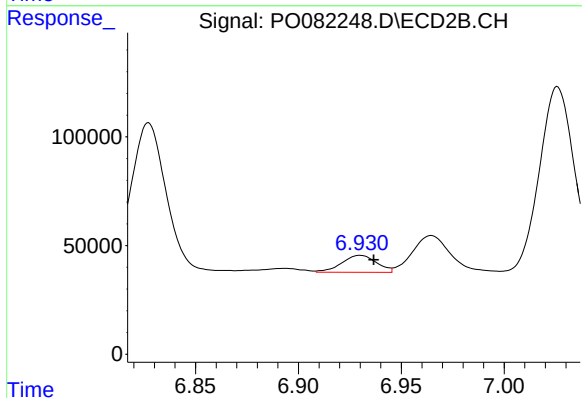
R.T.: 6.709 min
Delta R.T.: 0.013 min
Response: 631136
Conc: 281.85 ng/ml



#29 AR-1254-4

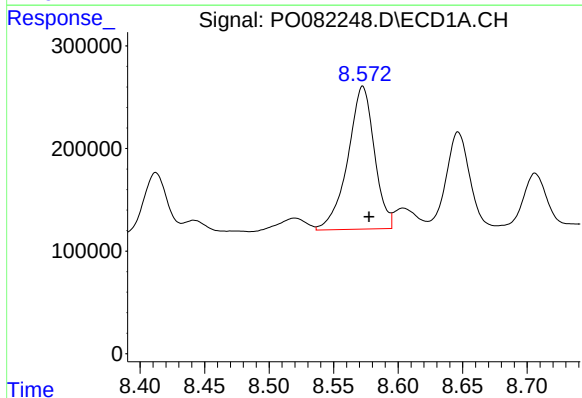
R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 273590
Conc: 101.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



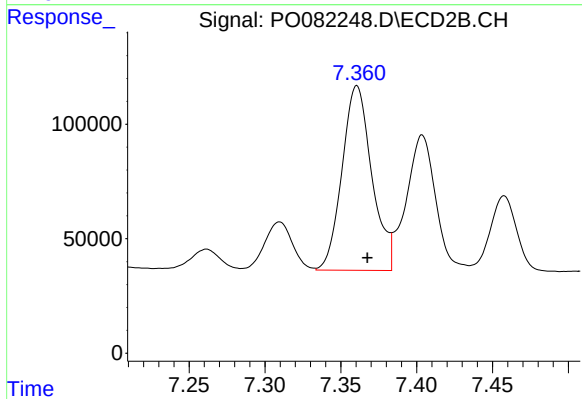
#29 AR-1254-4

R.T.: 6.930 min
Delta R.T.: -0.007 min
Response: 91510
Conc: 62.31 ng/ml



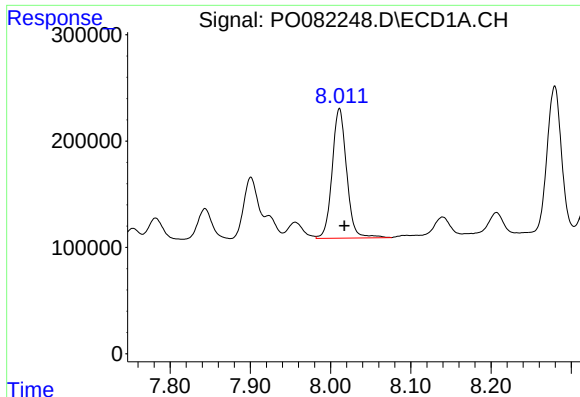
#30 AR-1254-5

R.T.: 8.573 min
Delta R.T.: -0.005 min
Response: 1994171
Conc: 684.70 ng/ml



#30 AR-1254-5

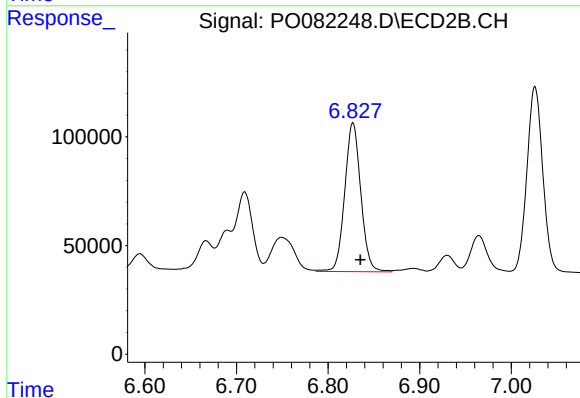
R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 1101382
Conc: 534.83 ng/ml



#31 AR-1260-1

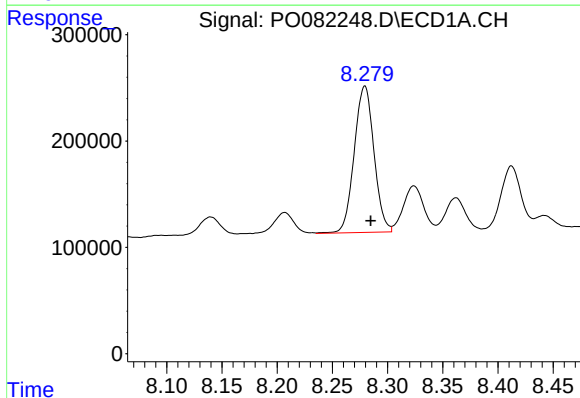
R.T.: 8.011 min
Delta R.T.: -0.006 min
Response: 1529972
Conc: 542.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



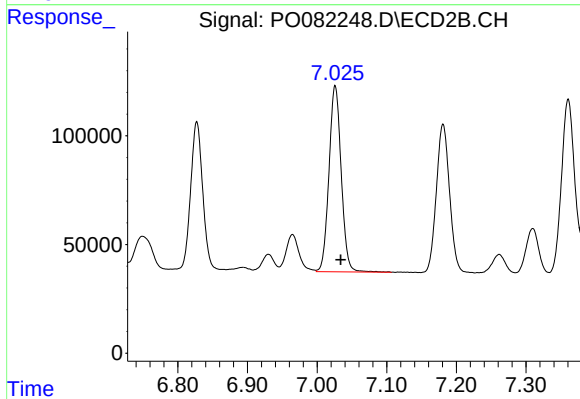
#31 AR-1260-1

R.T.: 6.827 min
Delta R.T.: -0.008 min
Response: 836185
Conc: 505.14 ng/ml



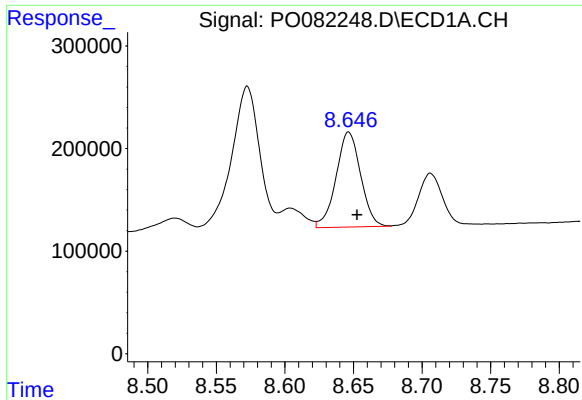
#32 AR-1260-2

R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 1715117
Conc: 515.56 ng/ml



#32 AR-1260-2

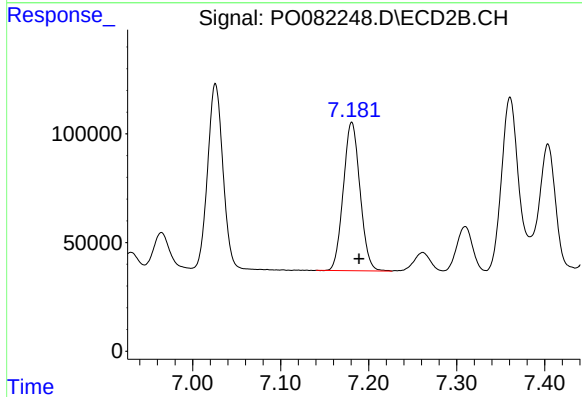
R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 1042515
Conc: 519.74 ng/ml



#33 AR-1260-3

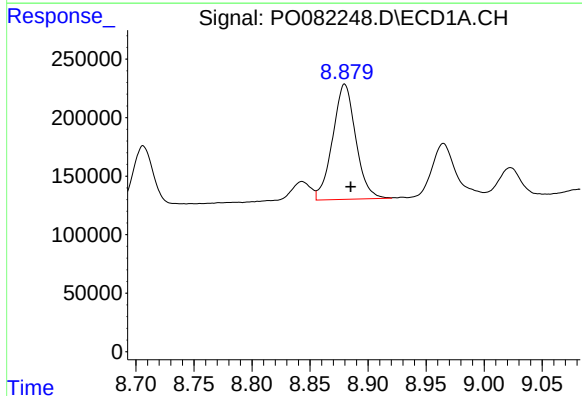
R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 1152720
Conc: 511.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



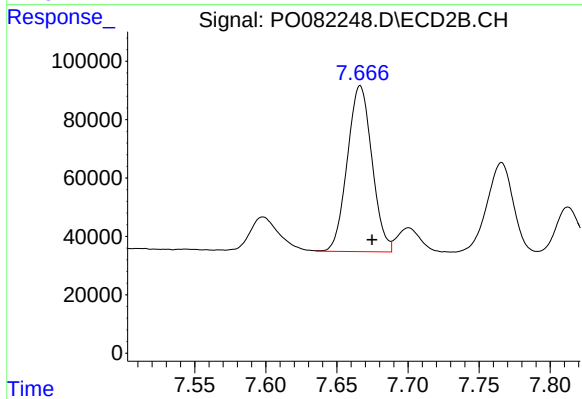
#33 AR-1260-3

R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 899741
Conc: 474.94 ng/ml



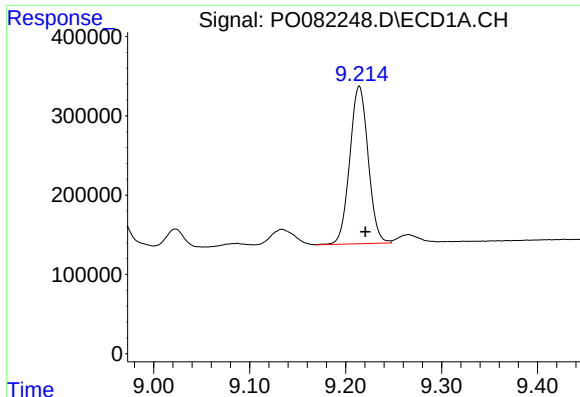
#34 AR-1260-4

R.T.: 8.880 min
Delta R.T.: -0.005 min
Response: 1363576
Conc: 515.07 ng/ml



#34 AR-1260-4

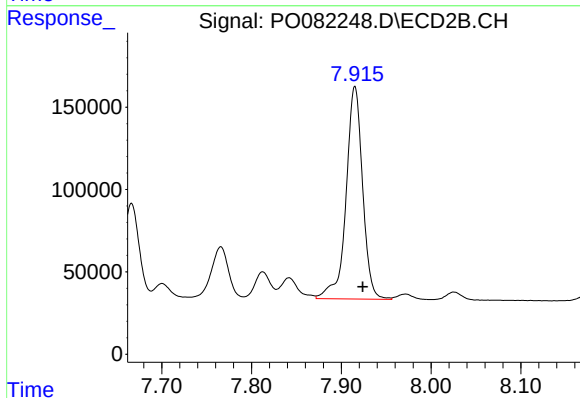
R.T.: 7.666 min
Delta R.T.: -0.008 min
Response: 685394
Conc: 500.05 ng/ml



#35 AR-1260-5

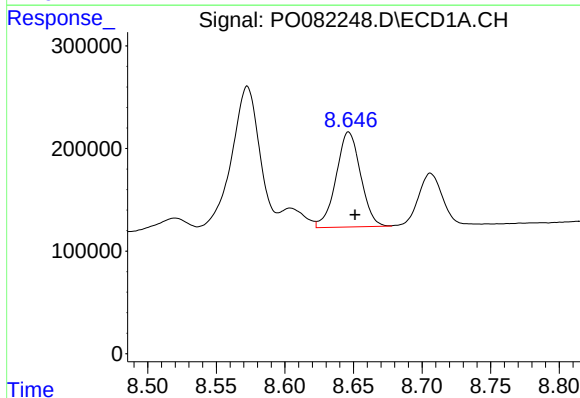
R.T.: 9.214 min
Delta R.T.: -0.006 min
Response: 2654793
Conc: 484.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



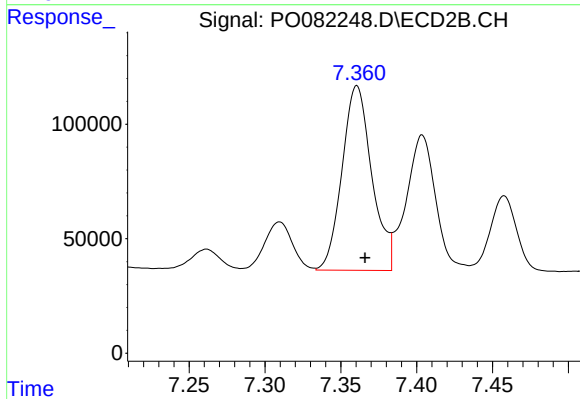
#35 AR-1260-5

R.T.: 7.915 min
Delta R.T.: -0.009 min
Response: 1654538
Conc: 500.74 ng/ml



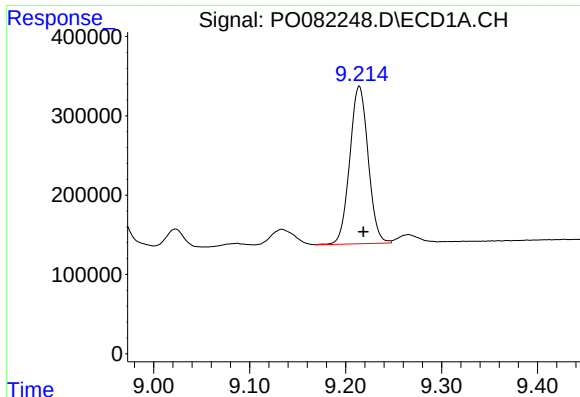
#36 AR-1262-1

R.T.: 8.647 min
Delta R.T.: -0.005 min
Response: 1152720
Conc: 336.98 ng/ml



#36 AR-1262-1

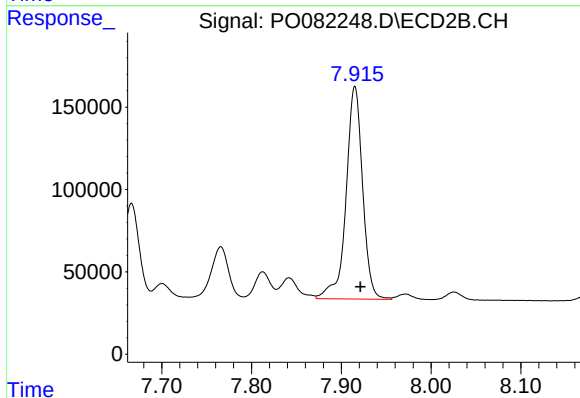
R.T.: 7.361 min
Delta R.T.: -0.005 min
Response: 1101382
Conc: 998.44 ng/ml



#37 AR-1262-2

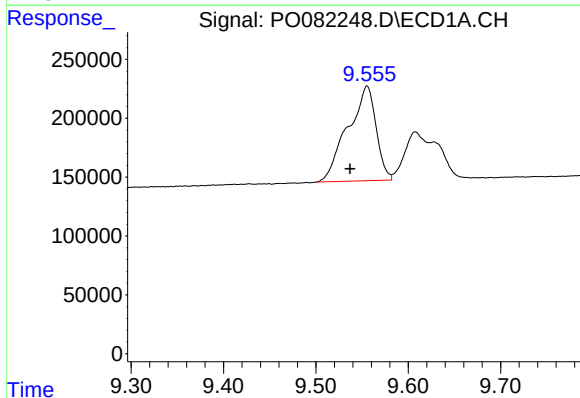
R.T.: 9.214 min
Delta R.T.: -0.004 min
Response: 2654793
Conc: 422.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



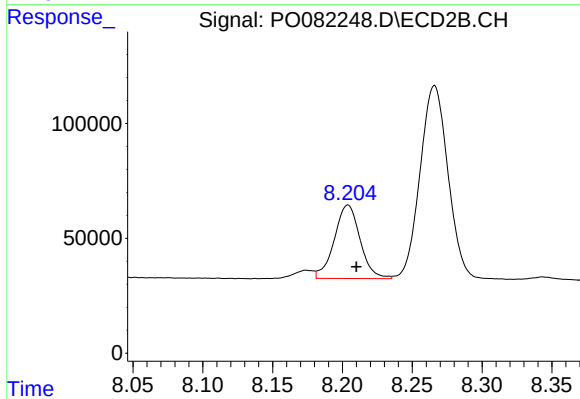
#37 AR-1262-2

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 1654538
Conc: 463.12 ng/ml



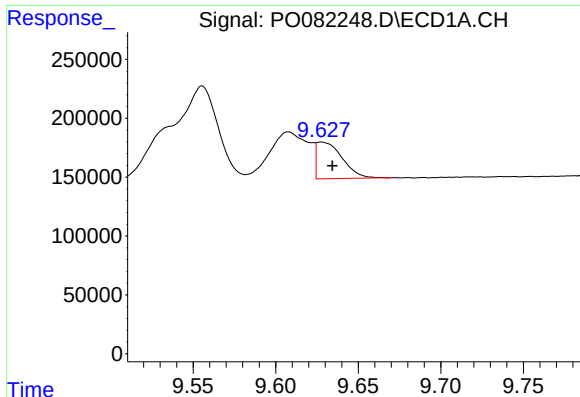
#38 AR-1262-3

R.T.: 9.555 min
Delta R.T.: 0.018 min
Response: 1708769
Conc: 621.32 ng/ml



#38 AR-1262-3

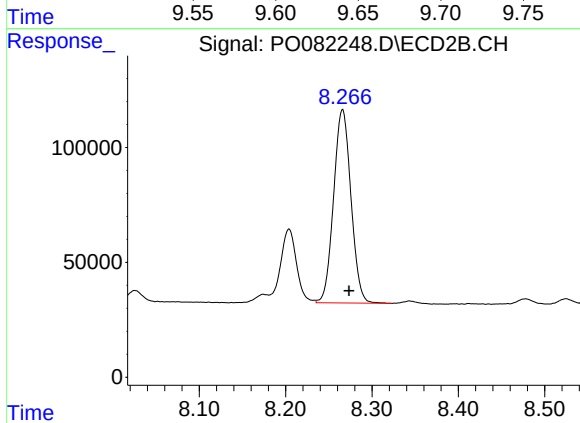
R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 412322
Conc: 273.93 ng/ml



#39 AR-1262-4

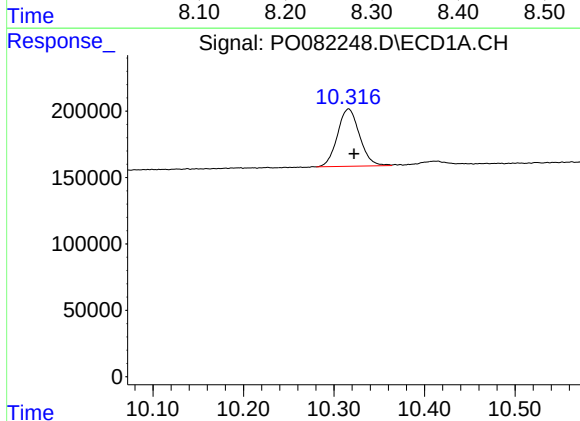
R.T.: 9.628 min
Delta R.T.: -0.007 min
Response: 336110
Conc: 200.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



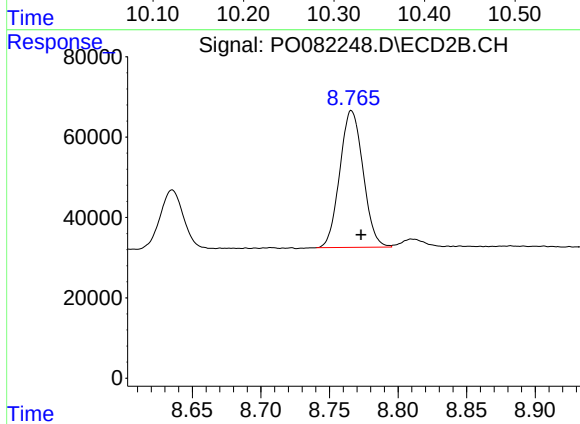
#39 AR-1262-4

R.T.: 8.266 min
Delta R.T.: -0.008 min
Response: 1176364
Conc: 441.99 ng/ml



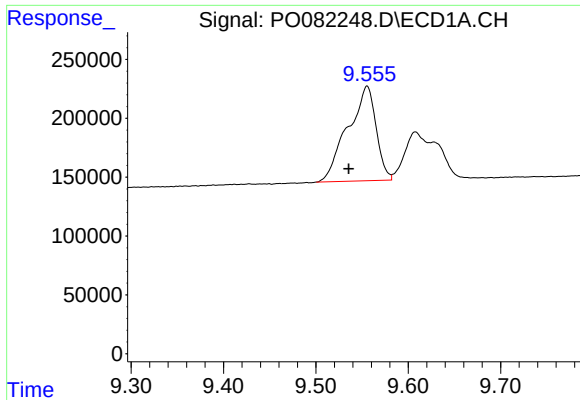
#40 AR-1262-5

R.T.: 10.316 min
Delta R.T.: -0.006 min
Response: 733858
Conc: 322.03 ng/ml



#40 AR-1262-5

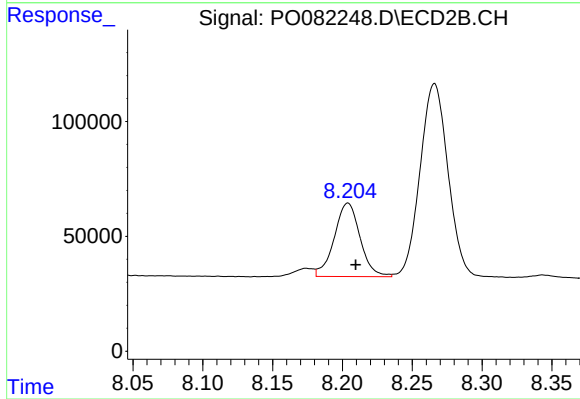
R.T.: 8.766 min
Delta R.T.: -0.007 min
Response: 402532
Conc: 318.68 ng/ml



#41 AR-1268-1

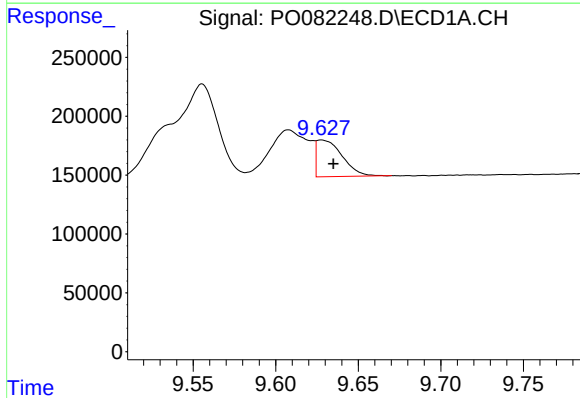
R.T.: 9.555 min
Delta R.T.: 0.020 min
Response: 1708769
Conc: 228.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



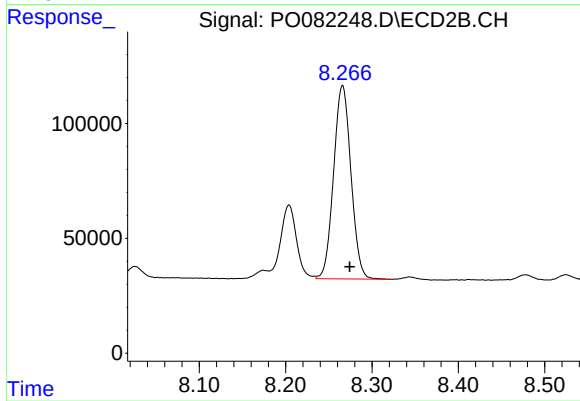
#41 AR-1268-1

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 412322
Conc: 97.85 ng/ml



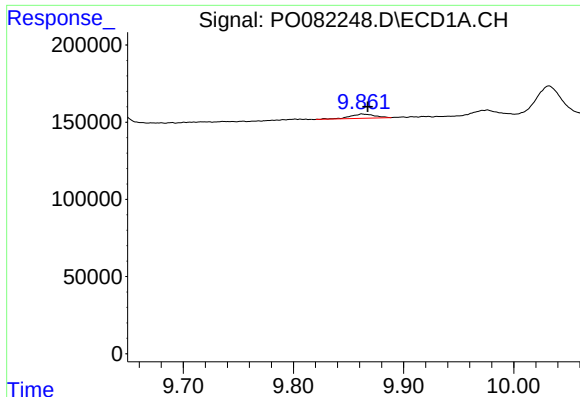
#42 AR-1268-2

R.T.: 9.628 min
Delta R.T.: -0.007 min
Response: 336110
Conc: 49.68 ng/ml



#42 AR-1268-2

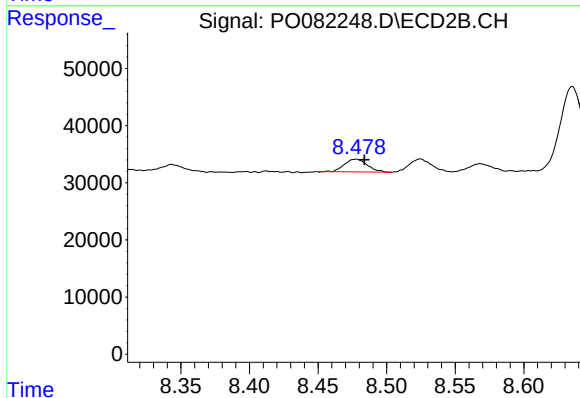
R.T.: 8.266 min
Delta R.T.: -0.008 min
Response: 1176364
Conc: 309.68 ng/ml



#43 AR-1268-3

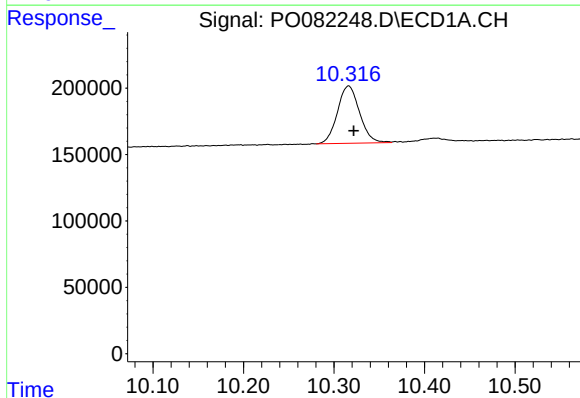
R.T.: 9.862 min
Delta R.T.: -0.005 min
Response: 42719
Conc: 7.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



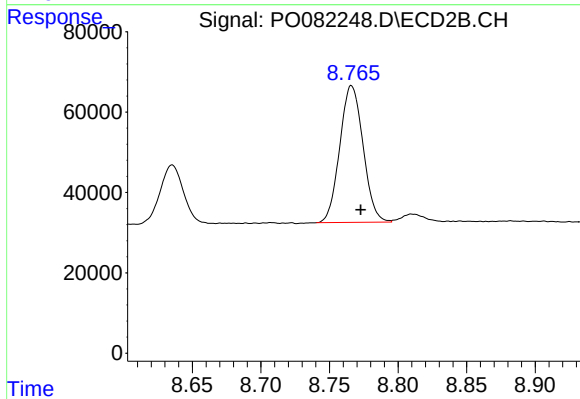
#43 AR-1268-3

R.T.: 8.478 min
Delta R.T.: -0.006 min
Response: 25660
Conc: 7.91 ng/ml



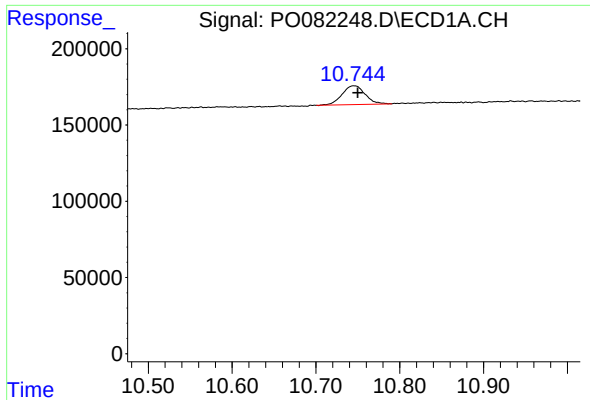
#44 AR-1268-4

R.T.: 10.316 min
Delta R.T.: -0.006 min
Response: 733858
Conc: 290.00 ng/ml



#44 AR-1268-4

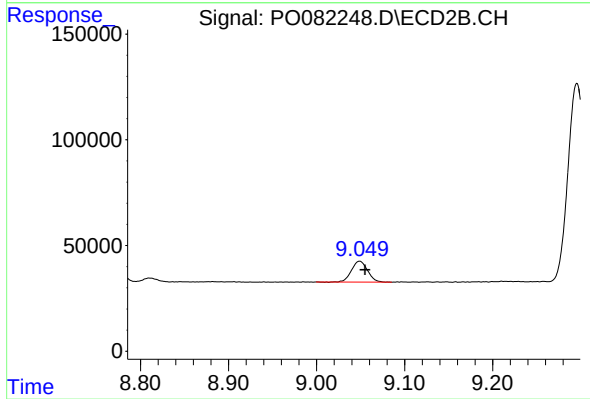
R.T.: 8.766 min
Delta R.T.: -0.007 min
Response: 402532
Conc: 289.77 ng/ml



#45 AR-1268-5

R.T.: 10.745 min
Delta R.T.: -0.005 min
Response: 233877
Conc: 11.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 125919
Conc: 13.01 ng/ml