

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063331.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Oct 2019 1:18
 Operator : HP/AJ
 Sample : PB124383BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 02:03:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.316	3.480	1229028	1138687	21.088	20.850
2)	SA Decachlor...	9.931	8.320	1105806	796807	19.005	18.638
Target Compounds							
3)	L1 AR-1016-1	5.474	4.522	517081	402104	236.524	214.628
4)	L1 AR-1016-2	5.497	4.538	791495	740313	252.648	271.422
5)	L1 AR-1016-3	5.558	4.708	473328	324107	252.647	233.527
6)	L1 AR-1016-4	5.656	4.750	384481	261667	243.484	234.286
7)	L1 AR-1016-5	5.947	4.954	376515	329839	247.156	218.941
8)	L2 AR-1221-1	0.000	3.685	0	38869	N.D.	75.173 #
9)	L2 AR-1221-2	0.000	3.768	0	58868	N.D.	152.471 #
10)	L2 AR-1221-3	4.685	3.840	287329	235689	207.963	191.677
11)	L3 AR-1232-1	4.685	3.840	287329	235689	150.580	138.090
12)	L3 AR-1232-2	5.208	4.538	380385	740313	384.262	376.355
13)	L3 AR-1232-3	5.497	4.708	791495	324107	349.523	335.016
14)	L3 AR-1232-4	5.656	4.789	384481	314992	348.127	379.377
15)	L3 AR-1232-5	5.744	4.954	340343	329839	424.440	352.408
16)	L4 AR-1242-1	5.474	4.522	517081	402104	322.370	290.986
17)	L4 AR-1242-2	5.497	4.538	791495	740313	343.291	360.833
18)	L4 AR-1242-3	5.558	4.708	473328	324107	340.665	309.266
19)	L4 AR-1242-4	5.656	4.789	384481	314992	329.079	317.334
20)	L4 AR-1242-5	6.320	5.294	180062	257642	125.105	184.421 #
21)	L5 AR-1248-1	5.474	4.522	517081	402104	419.390	367.891
22)	L5 AR-1248-2	5.744	4.750	340343	261667	196.477	187.118
23)	L5 AR-1248-3	5.947	4.789	376515	314992	194.223	217.807
24)	L5 AR-1248-4	6.320	4.954	180062	329839	72.344	183.172 #
25)	L5 AR-1248-5	6.320	5.335	180062	34144	77.130	18.470 #
26)	L6 AR-1254-1	6.320	5.294	180062	257642	70.823	85.530
27)	L6 AR-1254-2	6.536	5.439	313962	254641	77.617	94.417
28)	L6 AR-1254-3	6.902	5.845	156139	479488	36.683	111.685 #
29)	L6 AR-1254-4	7.185	6.056	103653	37031	30.623	12.995 #
30)	L6 AR-1254-5	7.601	6.462	954556	883464	287.776	237.003
31)	L7 AR-1260-1	7.063	5.957	704610	652378	227.209	236.211
32)	L7 AR-1260-2	7.320	6.143	883374	940514	218.822	245.125
33)	L7 AR-1260-3	7.676	6.291	620138	754479	193.101	240.461
34)	L7 AR-1260-4	7.901	6.752	615083	552729	192.673	218.306
35)	L7 AR-1260-5	8.212	6.994	1173070	1396520	200.018	229.110
36)	L8 AR-1262-1	7.676	6.552	620138	351795	129.913	193.340 #
37)	L8 AR-1262-2	8.212	6.994	1173070	1396520	168.257	195.946
38)	L8 AR-1262-3	8.528	7.270	764527	276422	165.415	103.137 #
39)	L8 AR-1262-4	8.580	7.333	472052	900328	131.108	196.325 #
40)	L8 AR-1262-5	9.226	7.824	296859	255568	129.704	130.236
41)	L9 AR-1268-1	8.528	7.270	764527	276422	91.287	34.689 #

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 Sample : PB124383BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

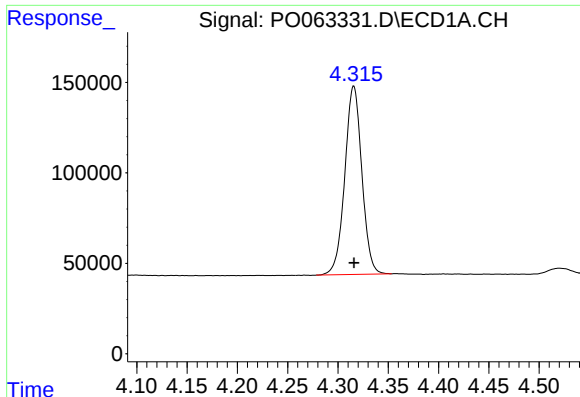
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 02:03:08 2019
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 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	8.580	7.333	472052	900328	64.427	136.734 #
43) L9	AR-1268-3	0.000	7.537	0	21659	N.D.	3.876 #
44) L9	AR-1268-4	9.226	7.824	296859	255568	120.610	118.409
45) L9	AR-1268-5	0.000	8.093	0	88160	N.D.	5.888 #

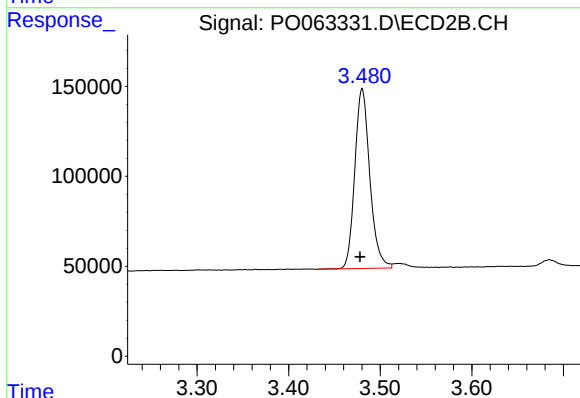
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

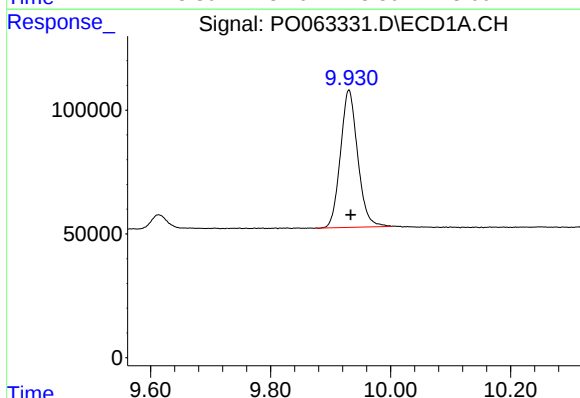
R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 1229028
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



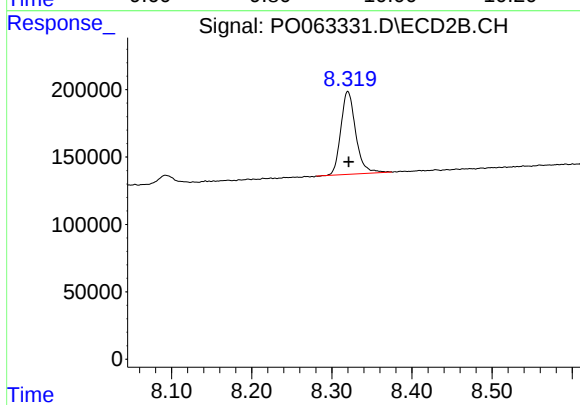
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1138687
Conc: 20.85 ng/ml



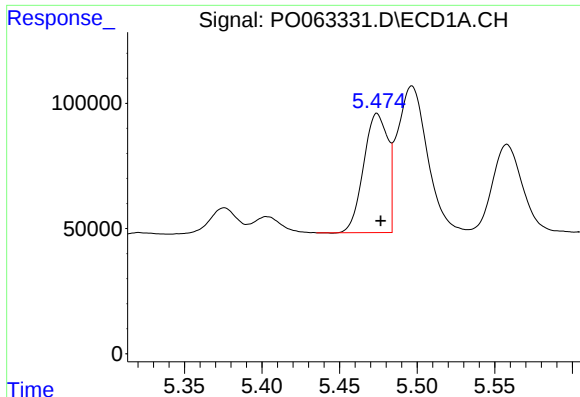
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 1105806
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

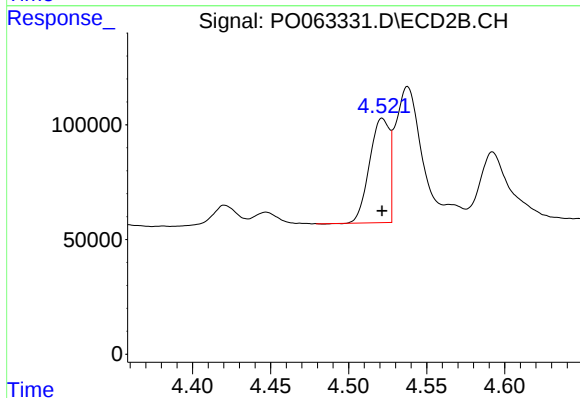
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 796807
Conc: 18.64 ng/ml



#3 AR-1016-1

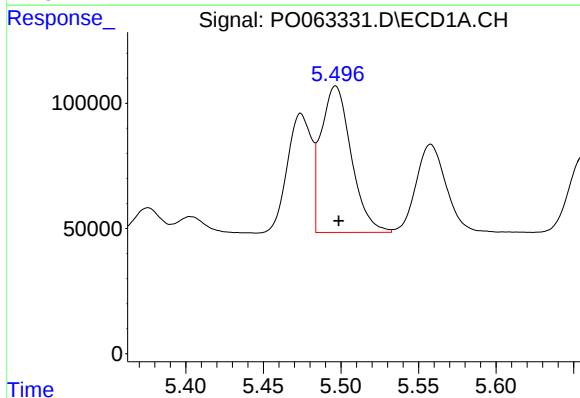
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 517081
Conc: 236.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



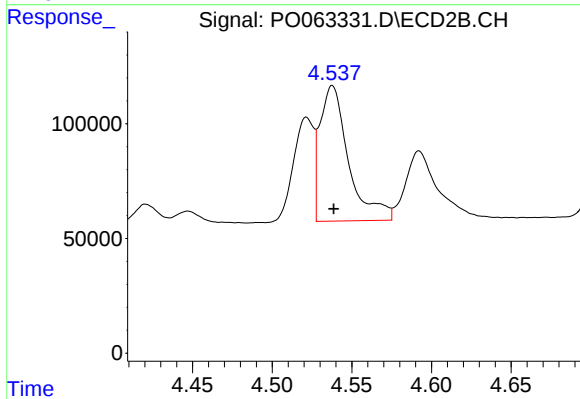
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 402104
Conc: 214.63 ng/ml



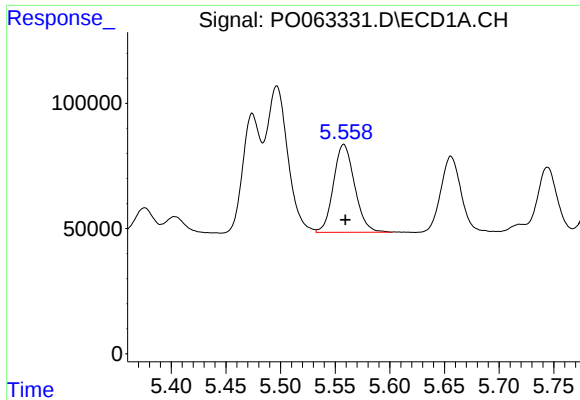
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 791495
Conc: 252.65 ng/ml



#4 AR-1016-2

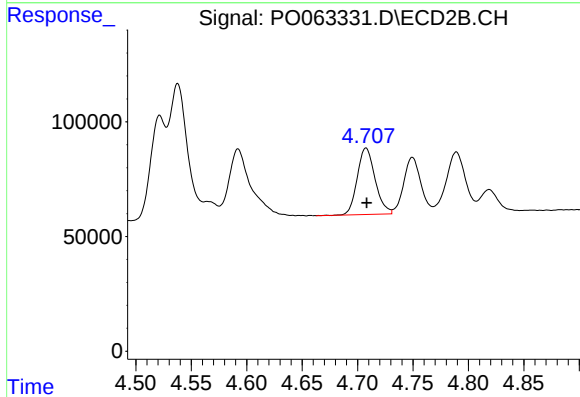
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 740313
Conc: 271.42 ng/ml



#5 AR-1016-3

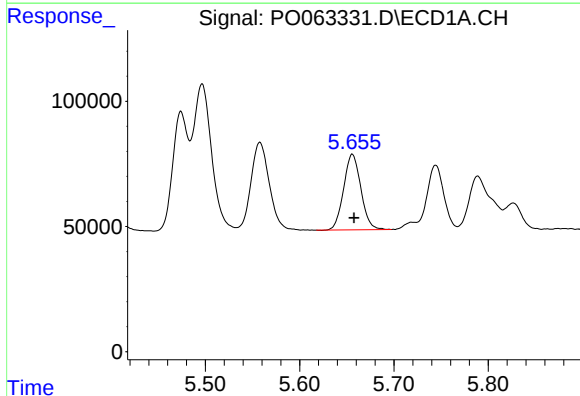
R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 473328
Conc: 252.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



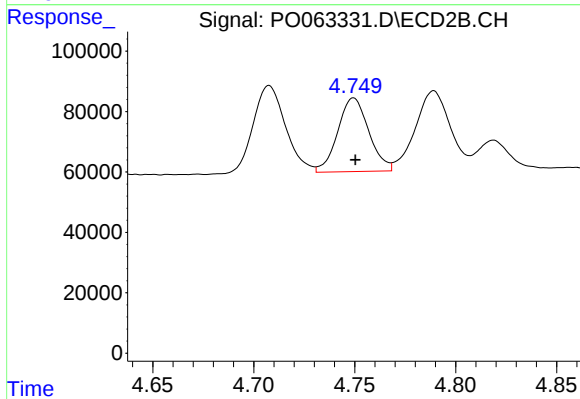
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 324107
Conc: 233.53 ng/ml



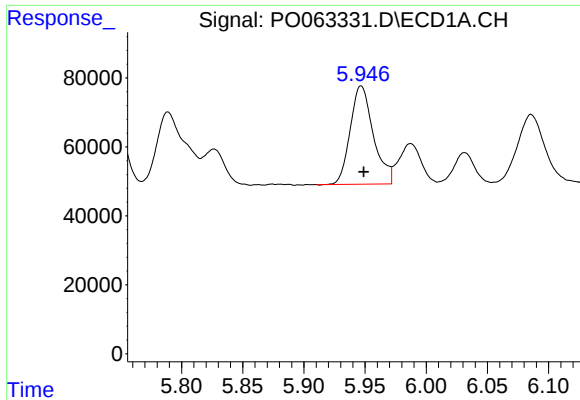
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 384481
Conc: 243.48 ng/ml



#6 AR-1016-4

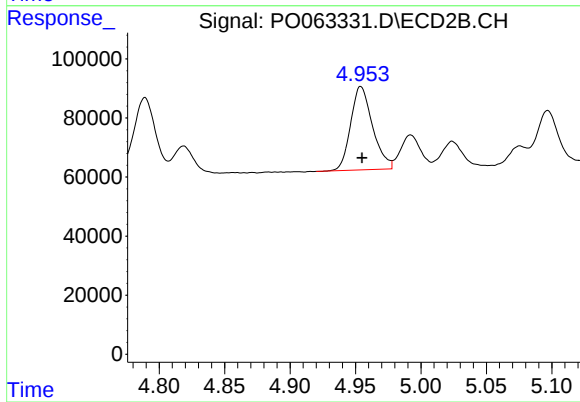
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 261667
Conc: 234.29 ng/ml



#7 AR-1016-5

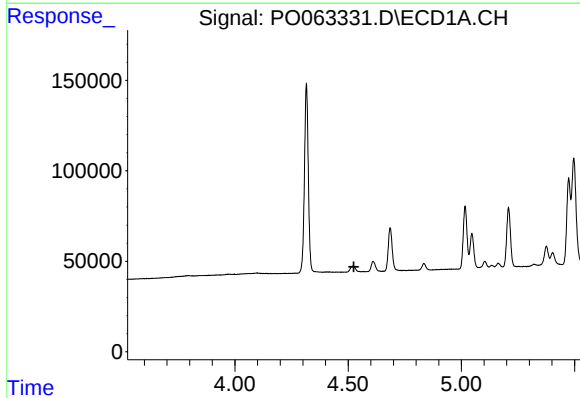
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 376515
Conc: 247.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



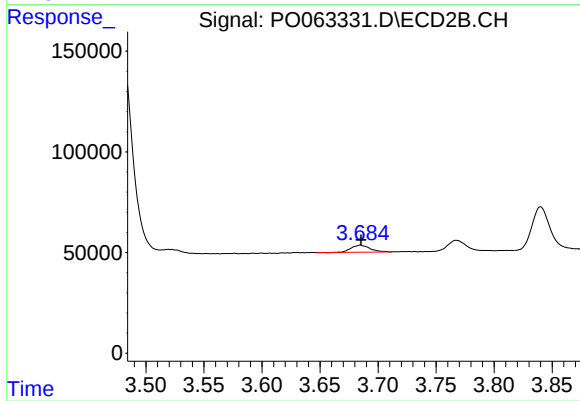
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 329839
Conc: 218.94 ng/ml



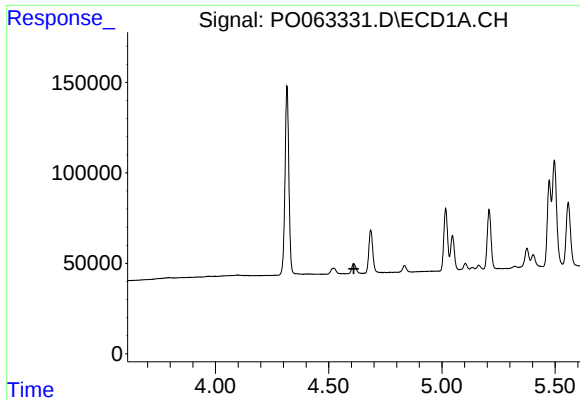
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.526 min
Response: 0
Conc: N.D.



#8 AR-1221-1

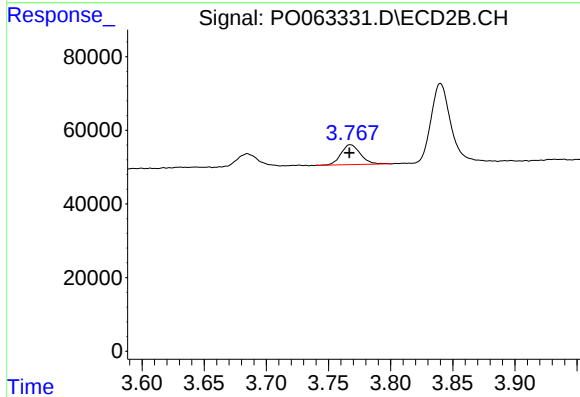
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 38869
Conc: 75.17 ng/ml



#9 AR-1221-2

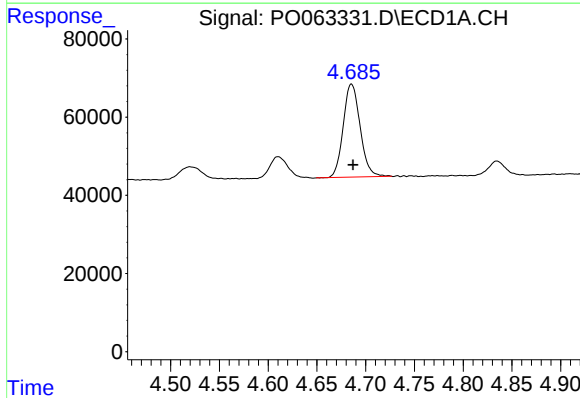
R.T.: 0.000 min
Exp R.T.: 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



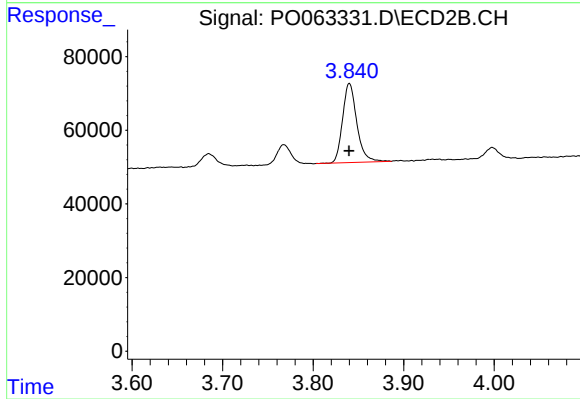
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 58868
Conc: 152.47 ng/ml



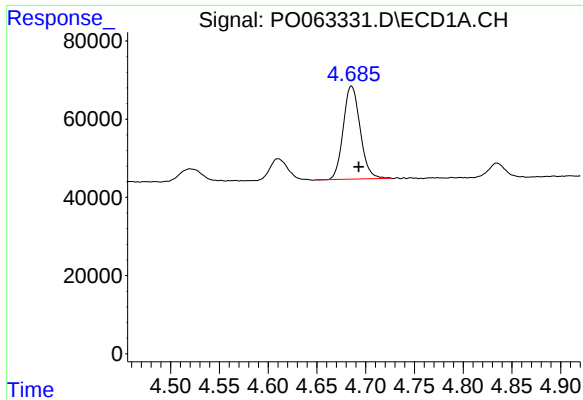
#10 AR-1221-3

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 287329
Conc: 207.96 ng/ml



#10 AR-1221-3

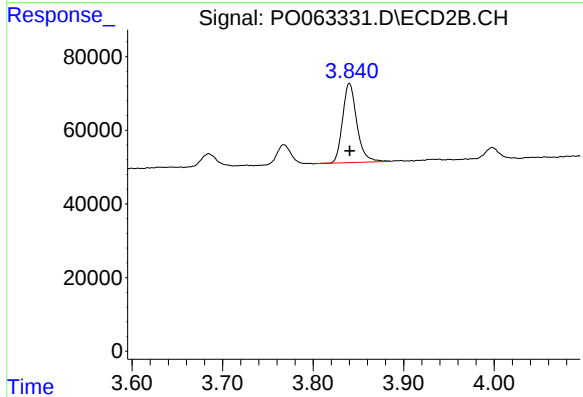
R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 235689
Conc: 191.68 ng/ml



#11 AR-1232-1

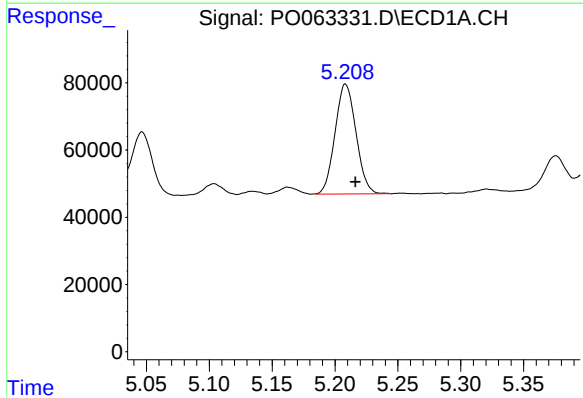
R.T.: 4.685 min
Delta R.T.: -0.007 min
Response: 287329
Conc: 150.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



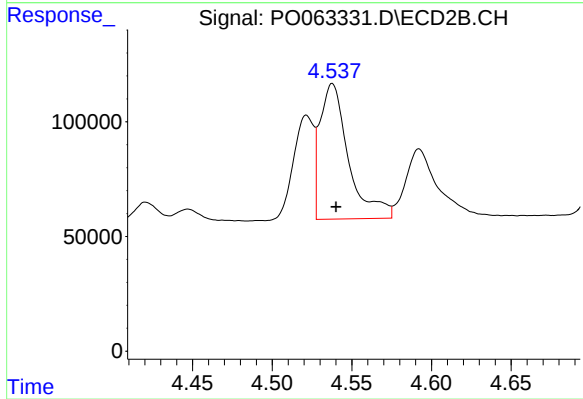
#11 AR-1232-1

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 235689
Conc: 138.09 ng/ml



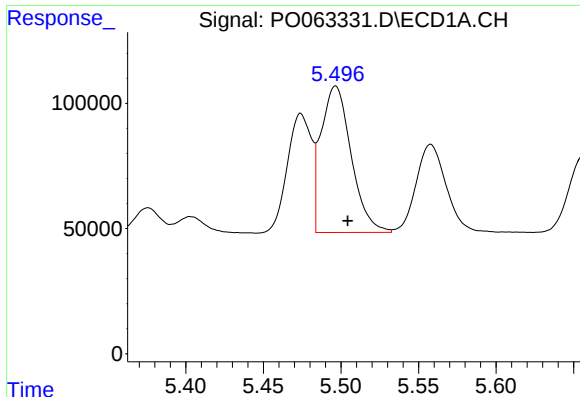
#12 AR-1232-2

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 380385
Conc: 384.26 ng/ml



#12 AR-1232-2

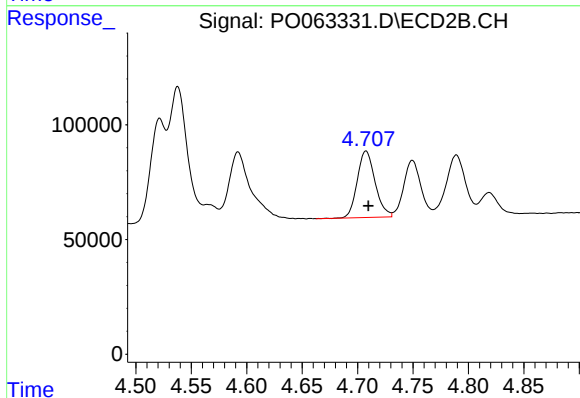
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 740313
Conc: 376.36 ng/ml



#13 AR-1232-3

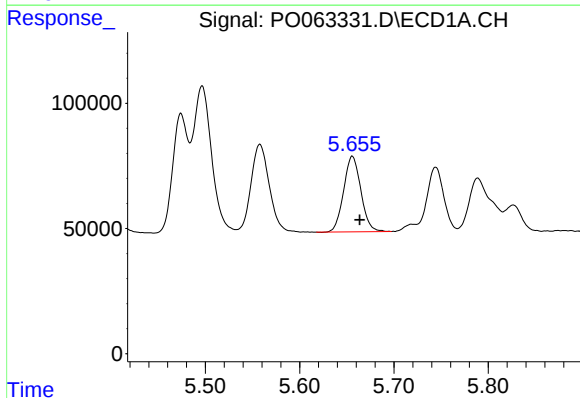
R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 791495
Conc: 349.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



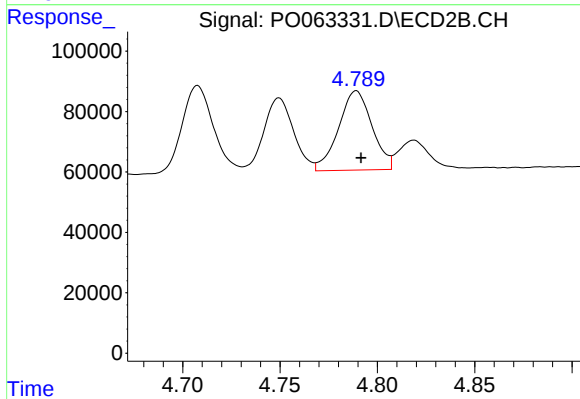
#13 AR-1232-3

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 324107
Conc: 335.02 ng/ml



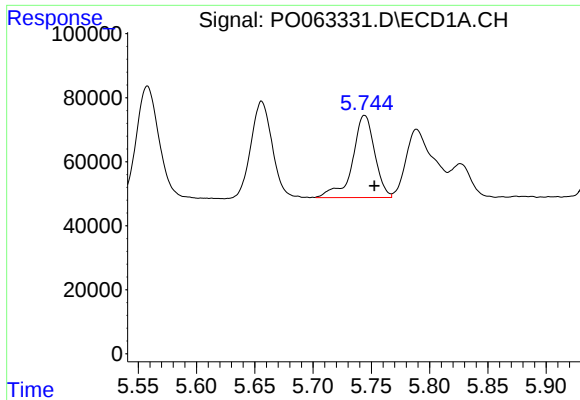
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.008 min
Response: 384481
Conc: 348.13 ng/ml



#14 AR-1232-4

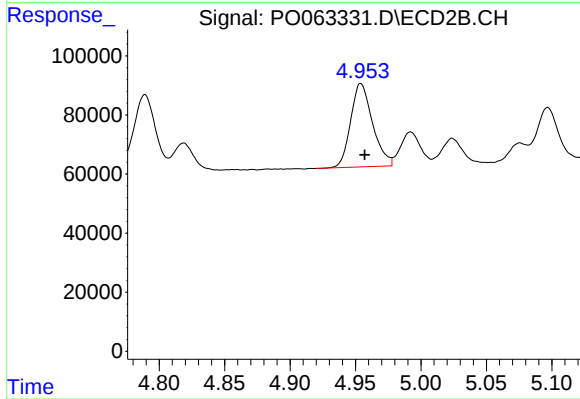
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 314992
Conc: 379.38 ng/ml



#15 AR-1232-5

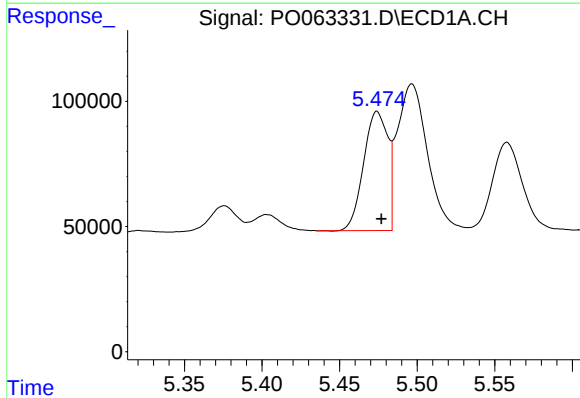
R.T.: 5.744 min
Delta R.T.: -0.008 min
Response: 340343
Conc: 424.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



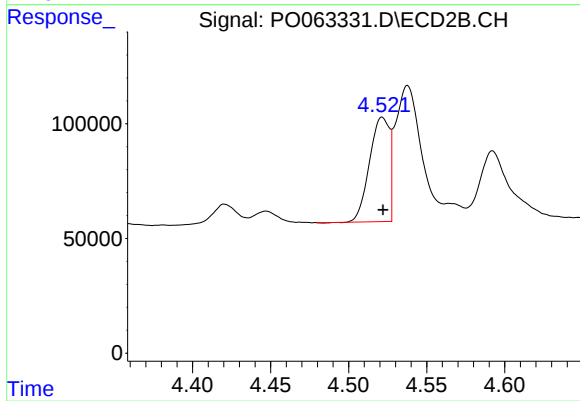
#15 AR-1232-5

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 329839
Conc: 352.41 ng/ml



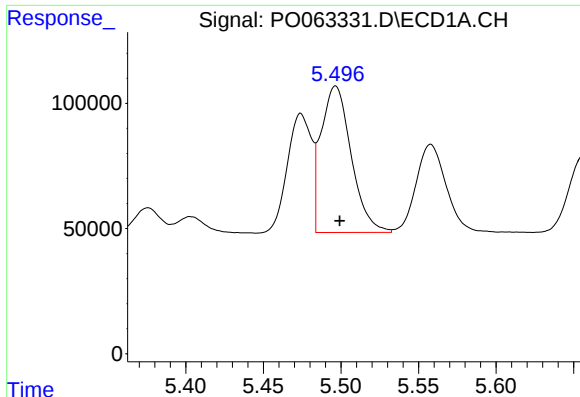
#16 AR-1242-1

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 517081
Conc: 322.37 ng/ml



#16 AR-1242-1

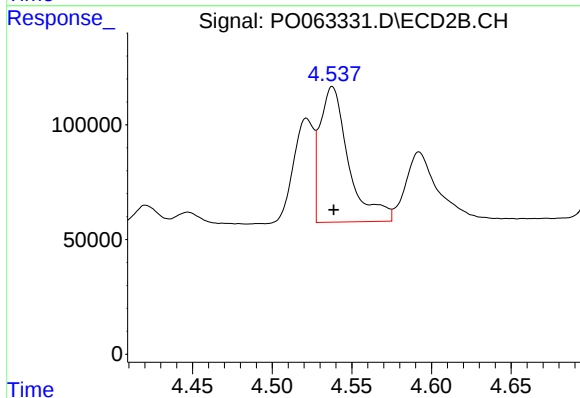
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 402104
Conc: 290.99 ng/ml



#17 AR-1242-2

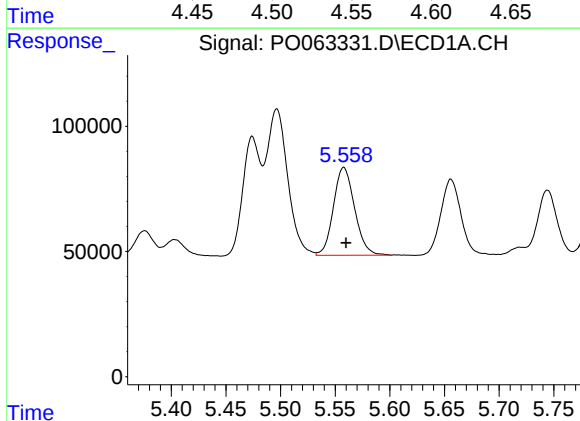
R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 791495
Conc: 343.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



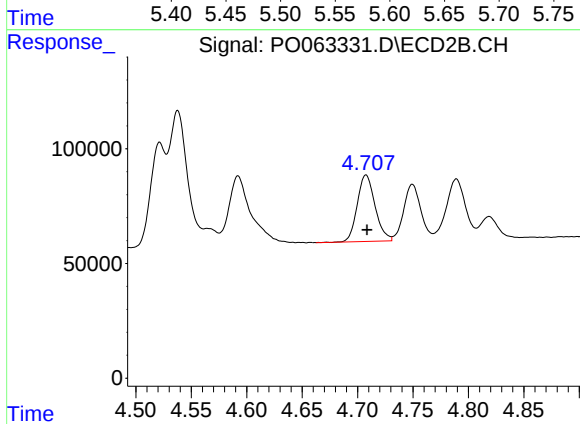
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 740313
Conc: 360.83 ng/ml



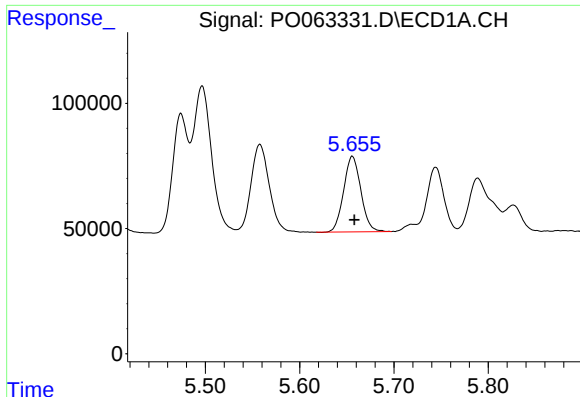
#18 AR-1242-3

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 473328
Conc: 340.66 ng/ml



#18 AR-1242-3

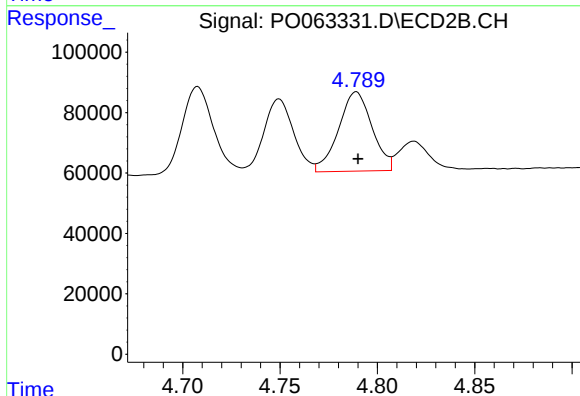
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 324107
Conc: 309.27 ng/ml



#19 AR-1242-4

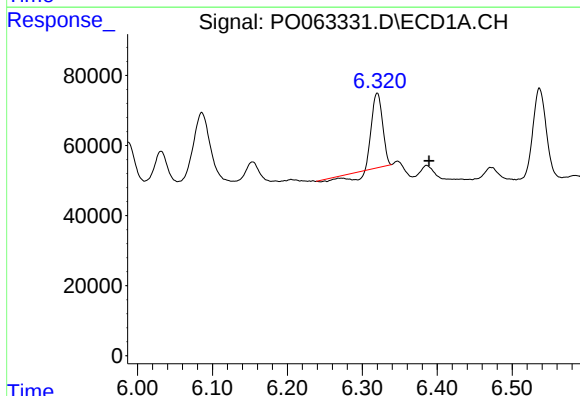
R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 384481
Conc: 329.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



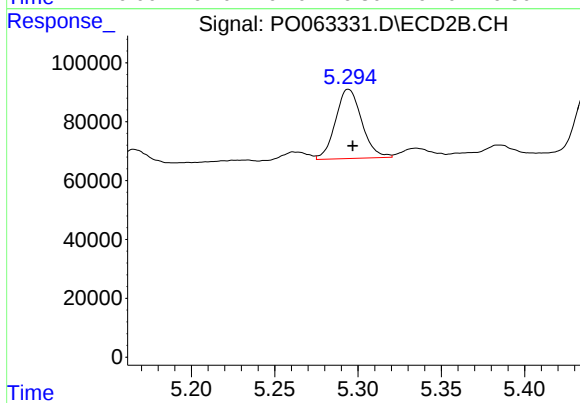
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 314992
Conc: 317.33 ng/ml



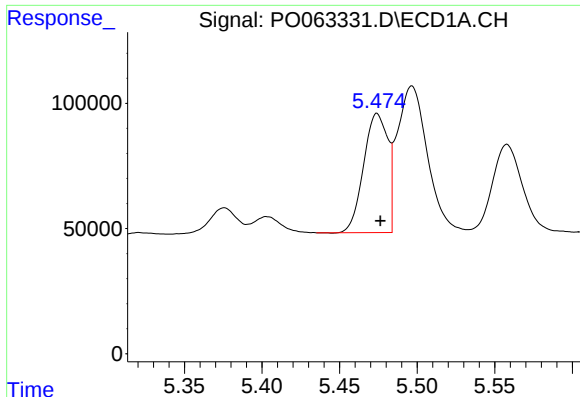
#20 AR-1242-5

R.T.: 6.320 min
Delta R.T.: -0.069 min
Response: 180062
Conc: 125.10 ng/ml



#20 AR-1242-5

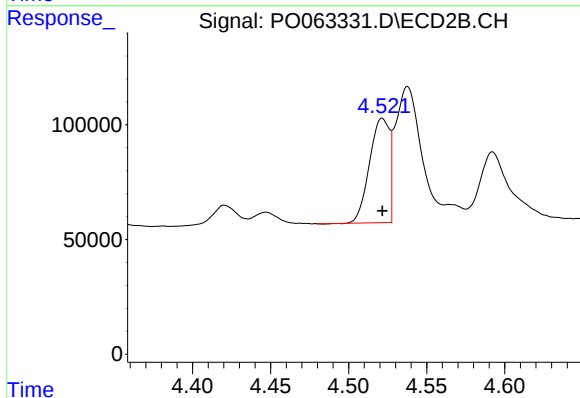
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 257642
Conc: 184.42 ng/ml



#21 AR-1248-1

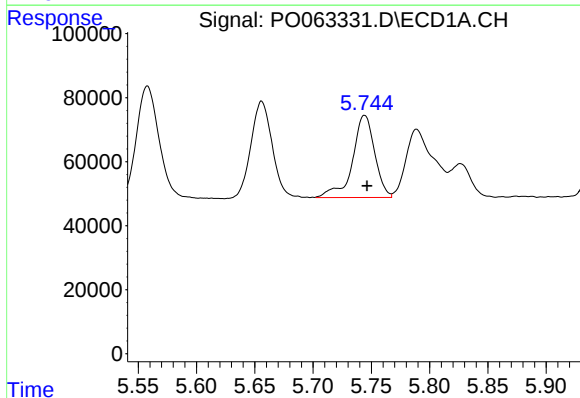
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 517081
Conc: 419.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



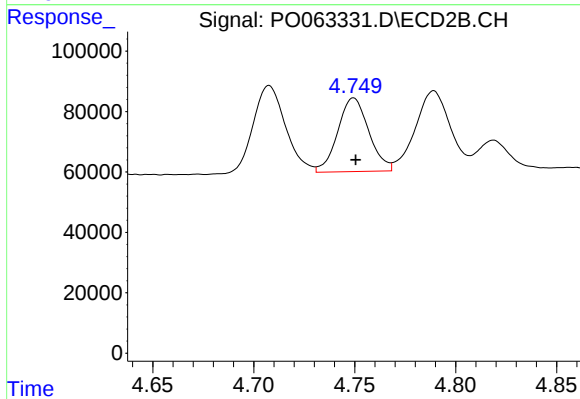
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 402104
Conc: 367.89 ng/ml



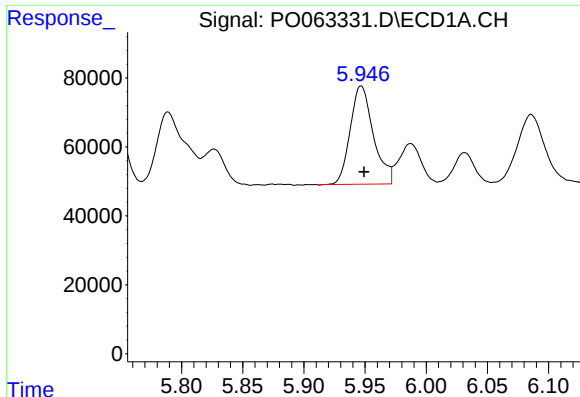
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 340343
Conc: 196.48 ng/ml



#22 AR-1248-2

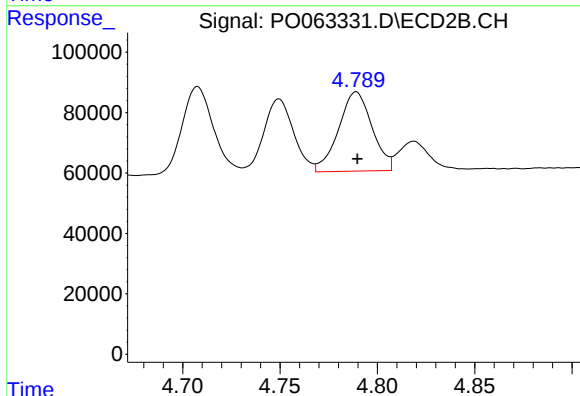
R.T.: 4.750 min
Delta R.T.: -0.001 min
Response: 261667
Conc: 187.12 ng/ml



#23 AR-1248-3

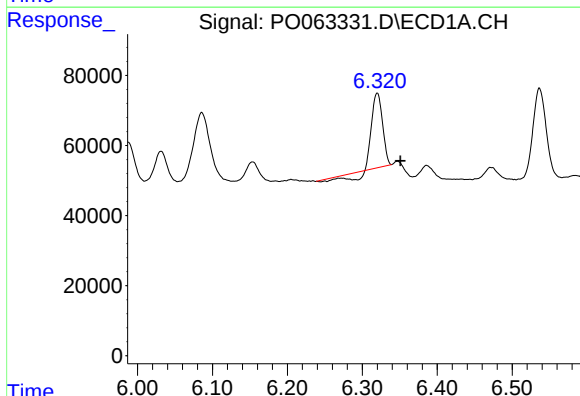
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 376515
Conc: 194.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



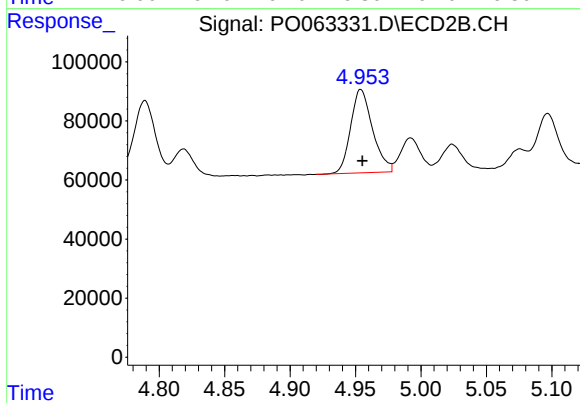
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 314992
Conc: 217.81 ng/ml



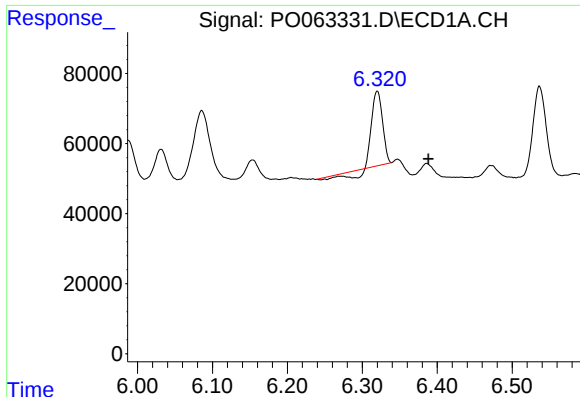
#24 AR-1248-4

R.T.: 6.320 min
Delta R.T.: -0.031 min
Response: 180062
Conc: 72.34 ng/ml



#24 AR-1248-4

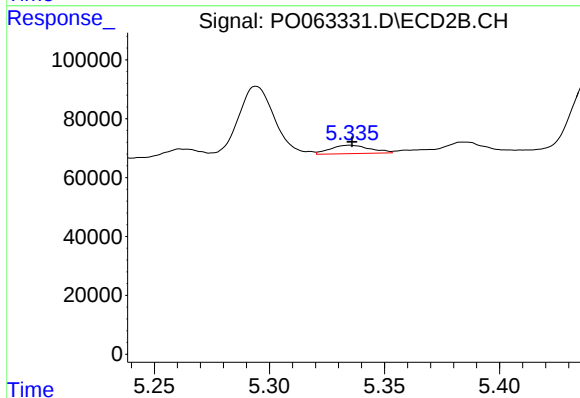
R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 329839
Conc: 183.17 ng/ml



#25 AR-1248-5

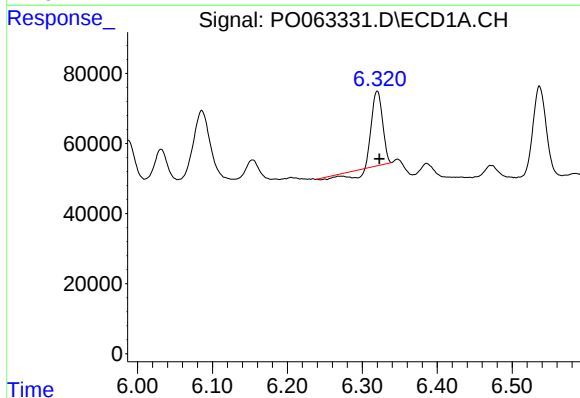
R.T.: 6.320 min
Delta R.T.: -0.068 min
Response: 180062
Conc: 77.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



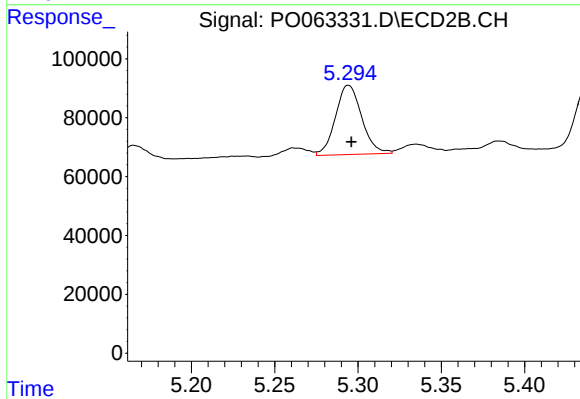
#25 AR-1248-5

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 34144
Conc: 18.47 ng/ml



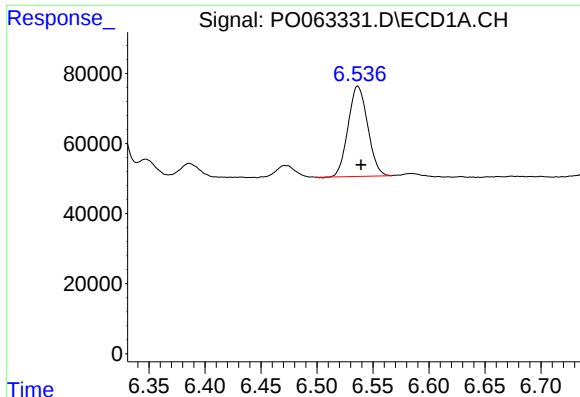
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 180062
Conc: 70.82 ng/ml



#26 AR-1254-1

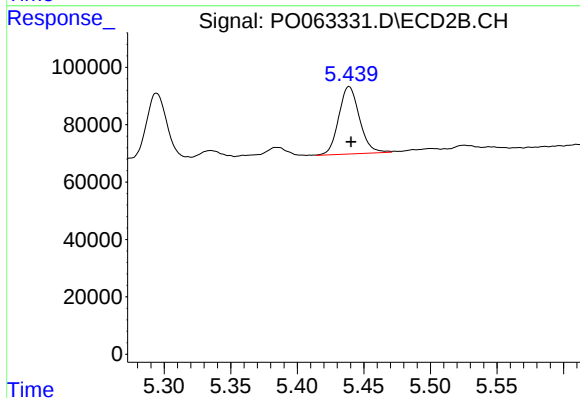
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 257642
Conc: 85.53 ng/ml



#27 AR-1254-2

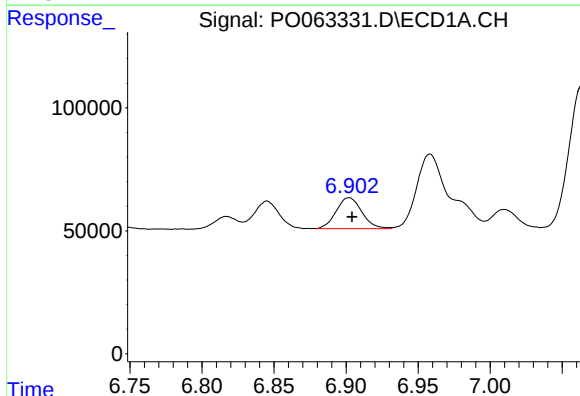
R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 313962
Conc: 77.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



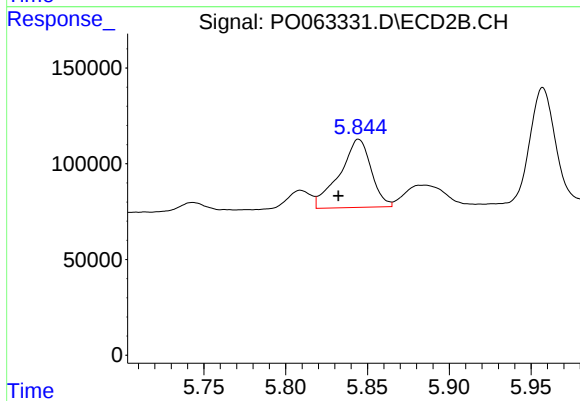
#27 AR-1254-2

R.T.: 5.439 min
Delta R.T.: -0.001 min
Response: 254641
Conc: 94.42 ng/ml



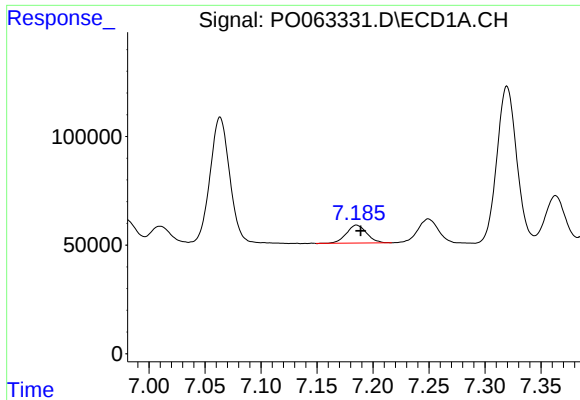
#28 AR-1254-3

R.T.: 6.902 min
Delta R.T.: -0.002 min
Response: 156139
Conc: 36.68 ng/ml



#28 AR-1254-3

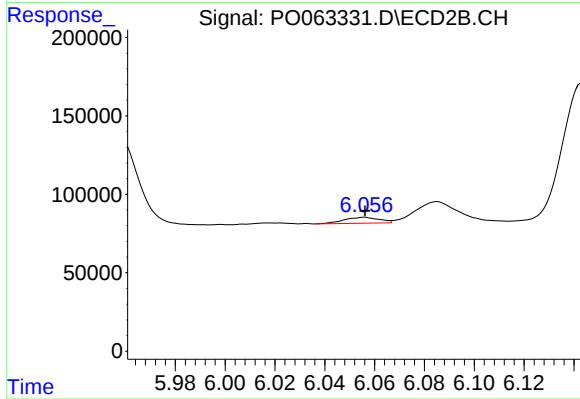
R.T.: 5.845 min
Delta R.T.: 0.012 min
Response: 479488
Conc: 111.69 ng/ml



#29 AR-1254-4

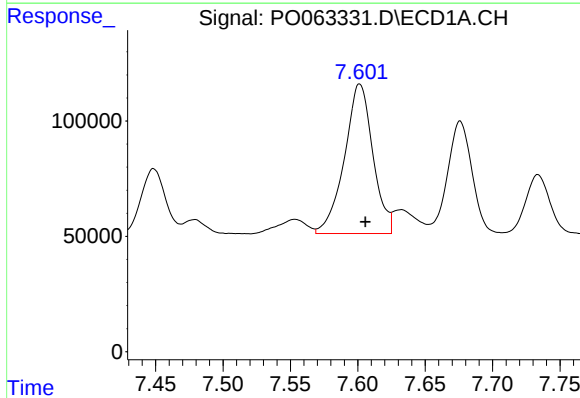
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 103653
Conc: 30.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



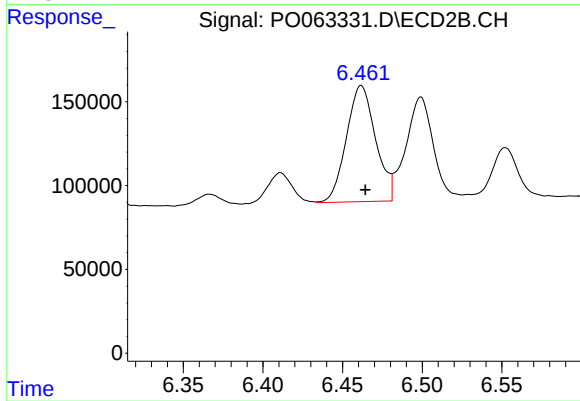
#29 AR-1254-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 37031
Conc: 12.99 ng/ml



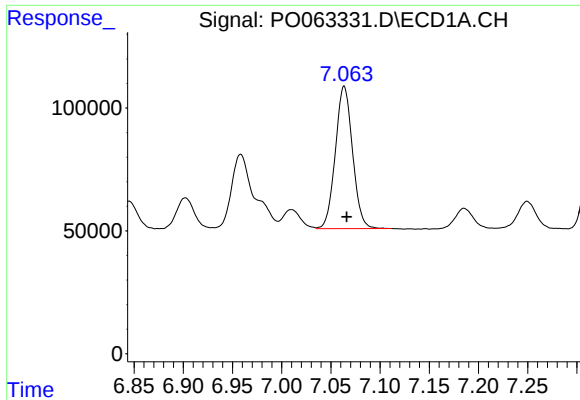
#30 AR-1254-5

R.T.: 7.601 min
Delta R.T.: -0.004 min
Response: 954556
Conc: 287.78 ng/ml



#30 AR-1254-5

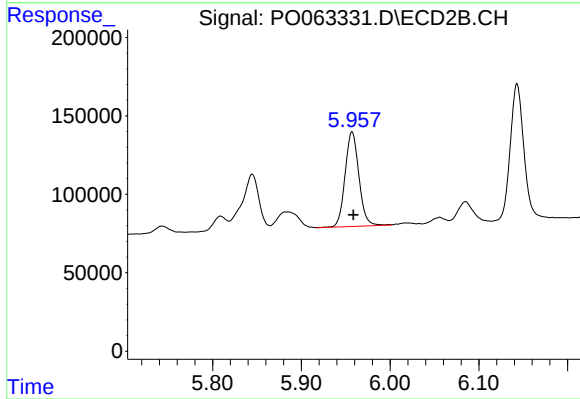
R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 883464
Conc: 237.00 ng/ml



#31 AR-1260-1

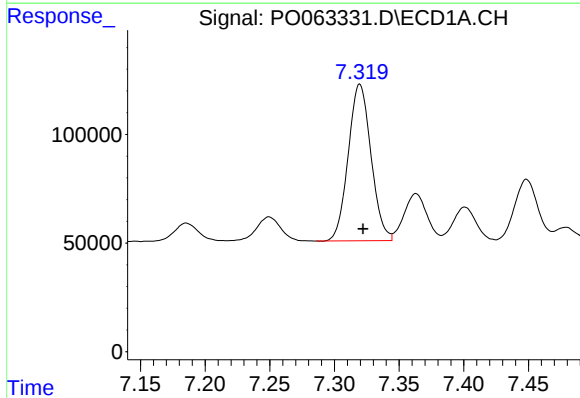
R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 704610
Conc: 227.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



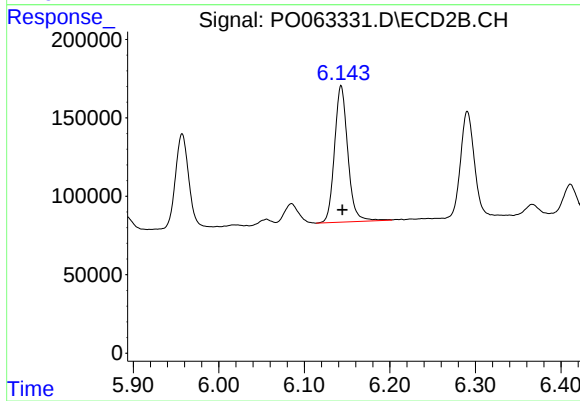
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 652378
Conc: 236.21 ng/ml



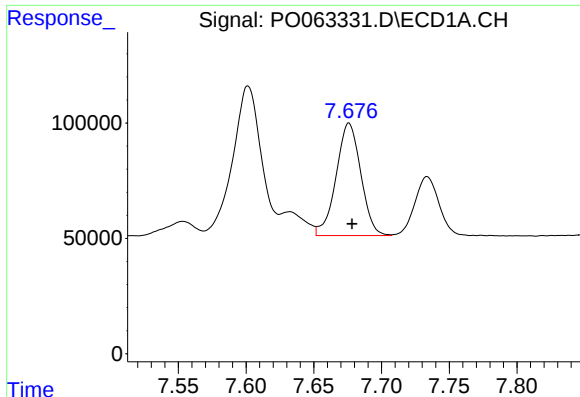
#32 AR-1260-2

R.T.: 7.320 min
Delta R.T.: -0.002 min
Response: 883374
Conc: 218.82 ng/ml



#32 AR-1260-2

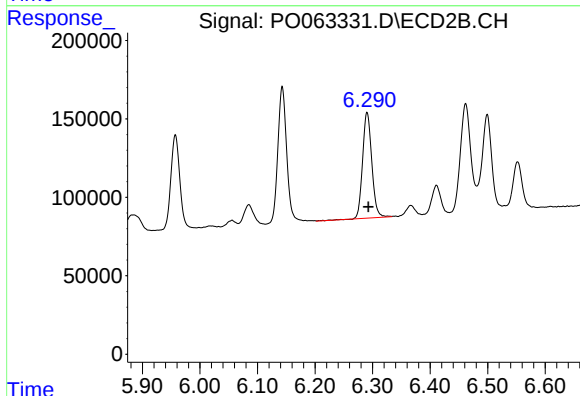
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 940514
Conc: 245.12 ng/ml



#33 AR-1260-3

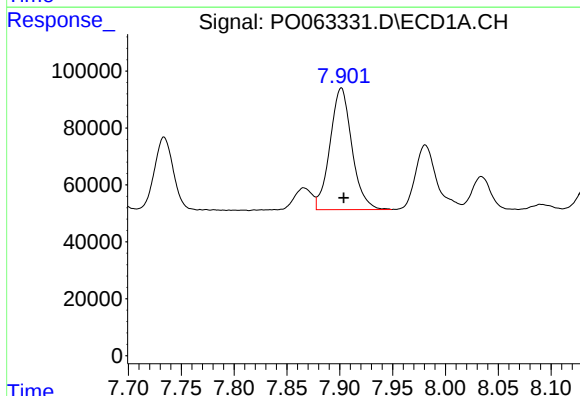
R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 620138
Conc: 193.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



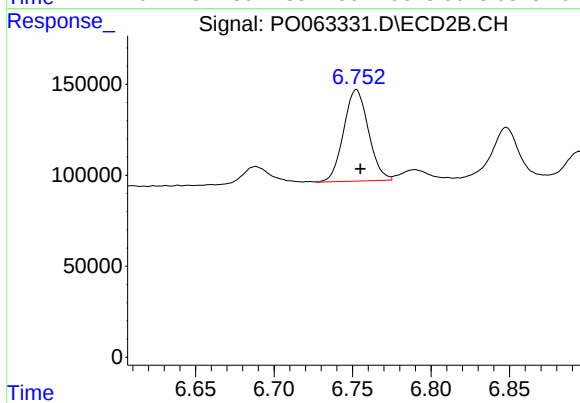
#33 AR-1260-3

R.T.: 6.291 min
Delta R.T.: -0.002 min
Response: 754479
Conc: 240.46 ng/ml



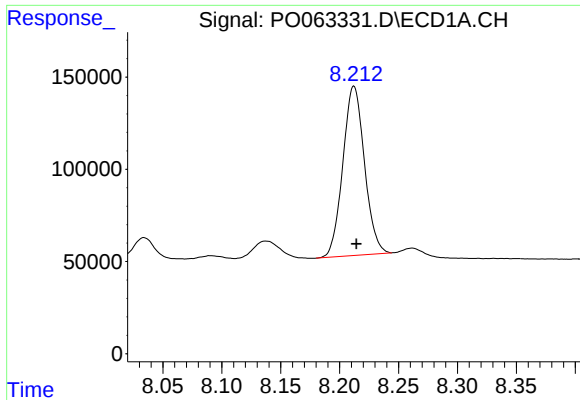
#34 AR-1260-4

R.T.: 7.901 min
Delta R.T.: -0.002 min
Response: 615083
Conc: 192.67 ng/ml



#34 AR-1260-4

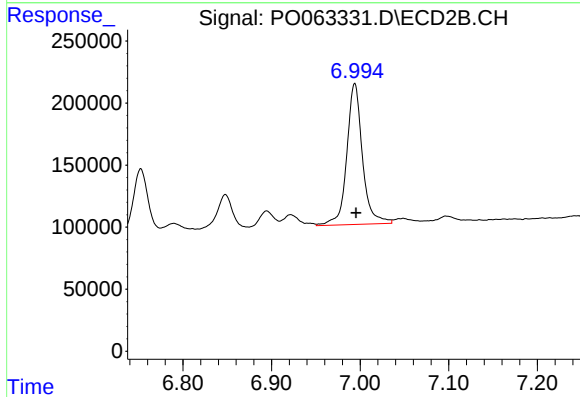
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 552729
Conc: 218.31 ng/ml



#35 AR-1260-5

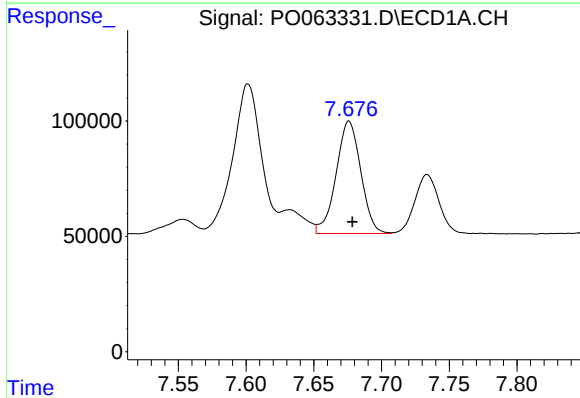
R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 1173070
Conc: 200.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



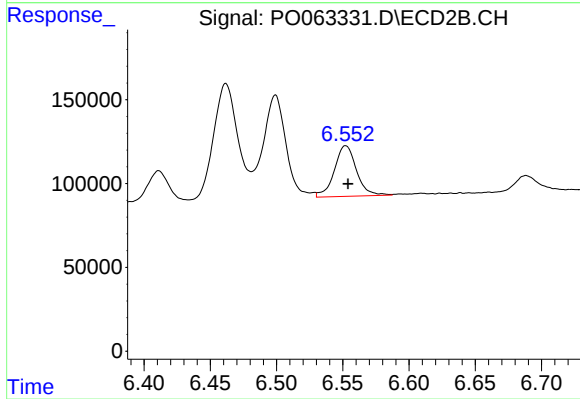
#35 AR-1260-5

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 1396520
Conc: 229.11 ng/ml



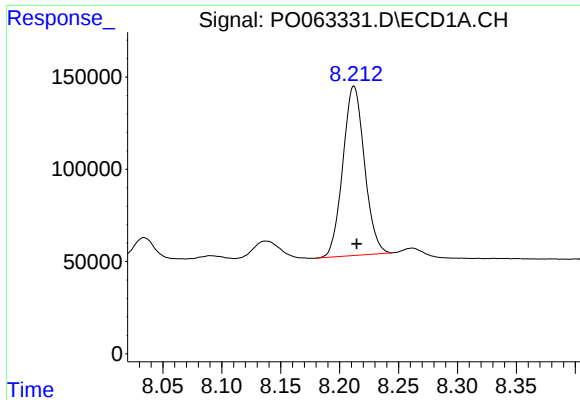
#36 AR-1262-1

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 620138
Conc: 129.91 ng/ml



#36 AR-1262-1

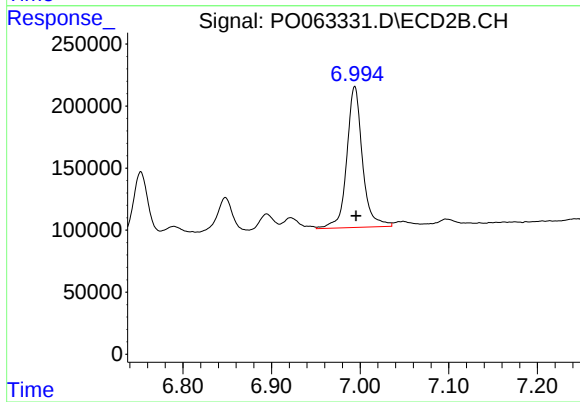
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 351795
Conc: 193.34 ng/ml



#37 AR-1262-2

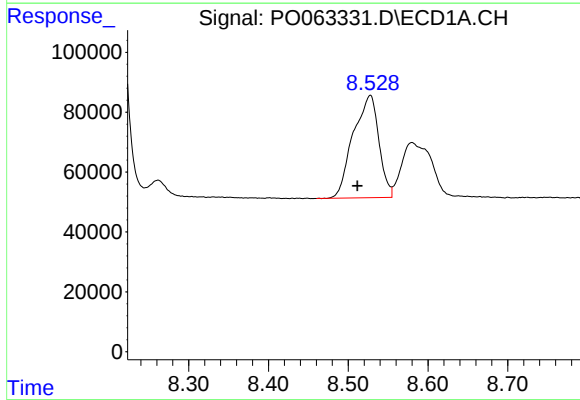
R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 1173070
Conc: 168.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



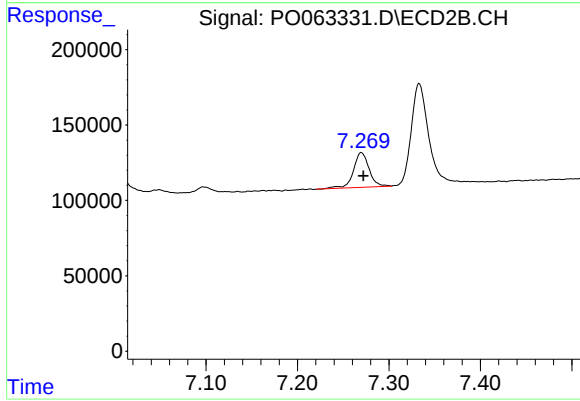
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 1396520
Conc: 195.95 ng/ml



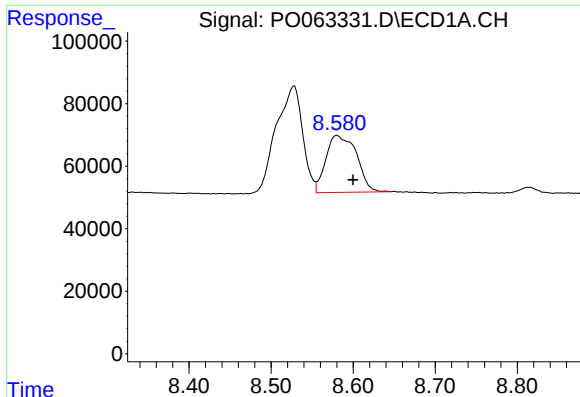
#38 AR-1262-3

R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 764527
Conc: 165.41 ng/ml



#38 AR-1262-3

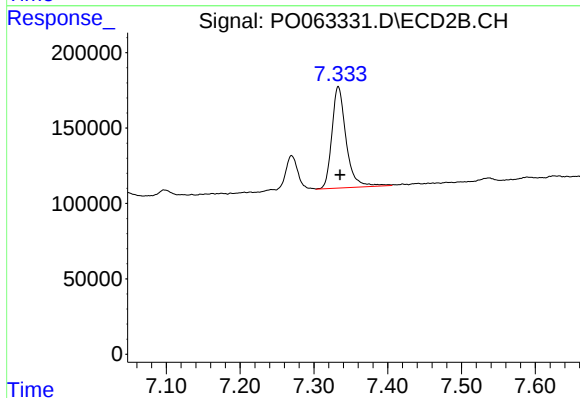
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 276422
Conc: 103.14 ng/ml



#39 AR-1262-4

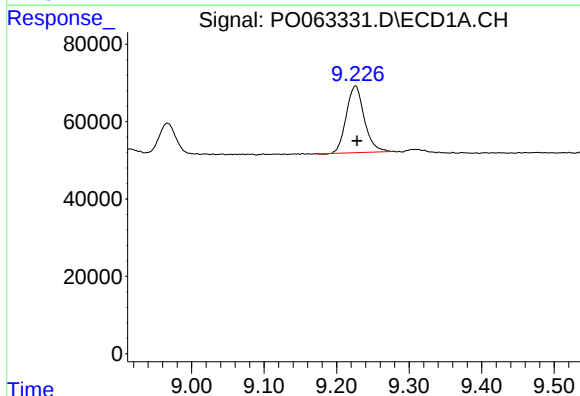
R.T.: 8.580 min
Delta R.T.: -0.020 min
Response: 472052
Conc: 131.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



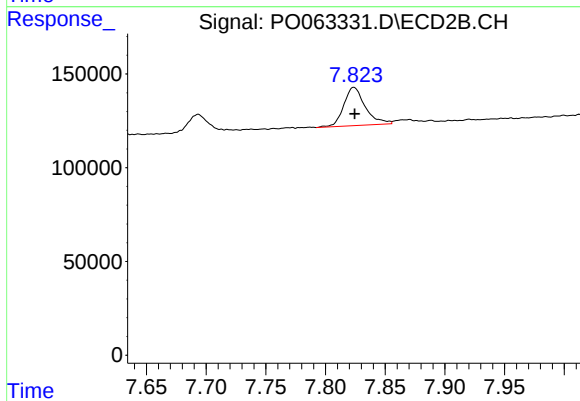
#39 AR-1262-4

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 900328
Conc: 196.32 ng/ml



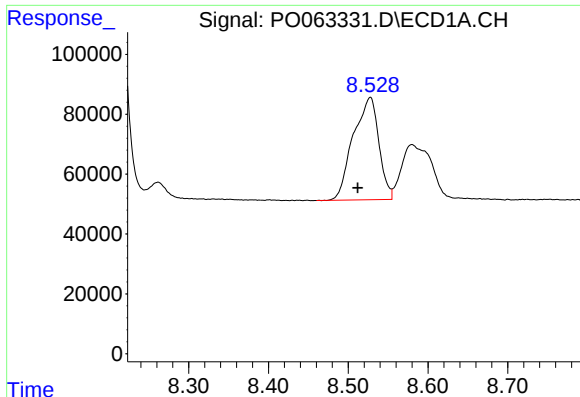
#40 AR-1262-5

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 296859
Conc: 129.70 ng/ml



#40 AR-1262-5

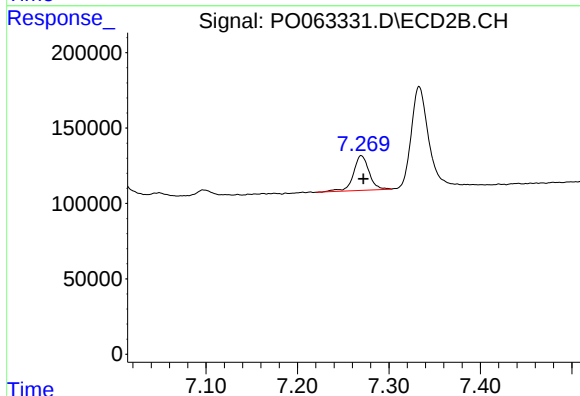
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 255568
Conc: 130.24 ng/ml



#41 AR-1268-1

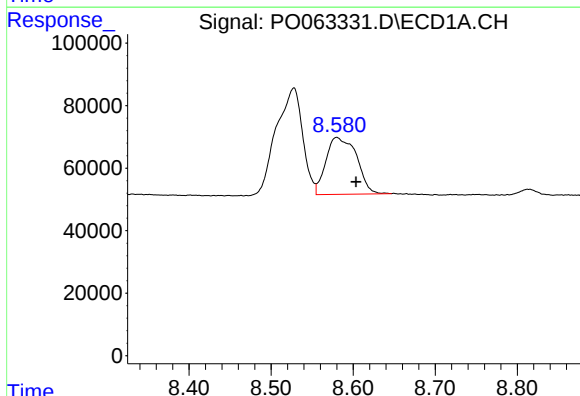
R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 764527
Conc: 91.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



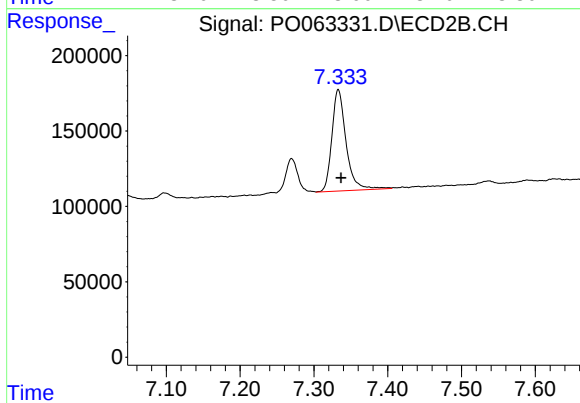
#41 AR-1268-1

R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 276422
Conc: 34.69 ng/ml



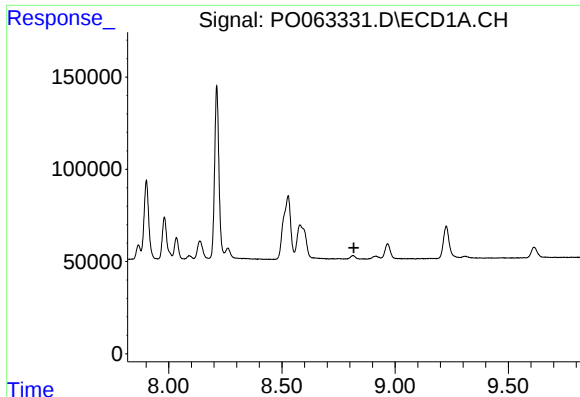
#42 AR-1268-2

R.T.: 8.580 min
Delta R.T.: -0.023 min
Response: 472052
Conc: 64.43 ng/ml



#42 AR-1268-2

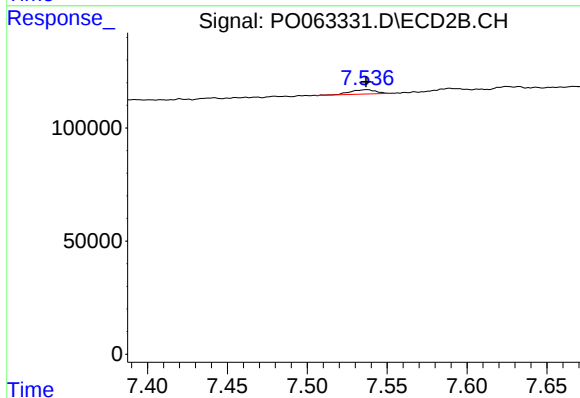
R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 900328
Conc: 136.73 ng/ml



#43 AR-1268-3

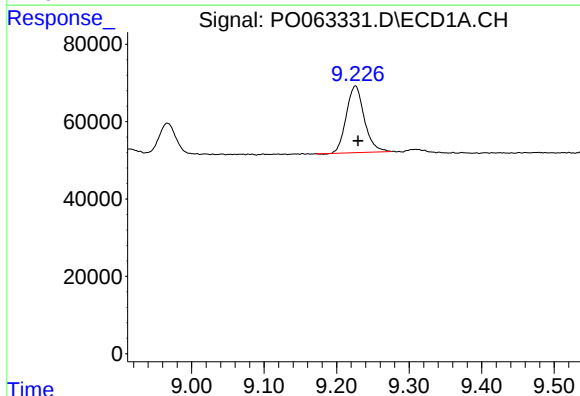
R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



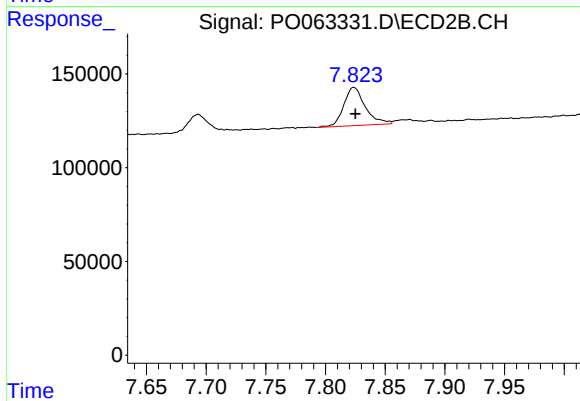
#43 AR-1268-3

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 21659
Conc: 3.88 ng/ml



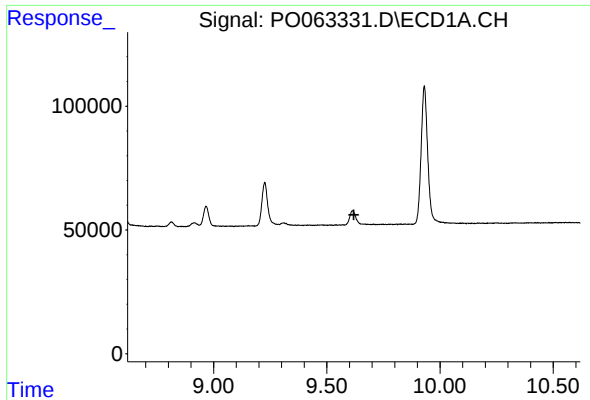
#44 AR-1268-4

R.T.: 9.226 min
Delta R.T.: -0.004 min
Response: 296859
Conc: 120.61 ng/ml



#44 AR-1268-4

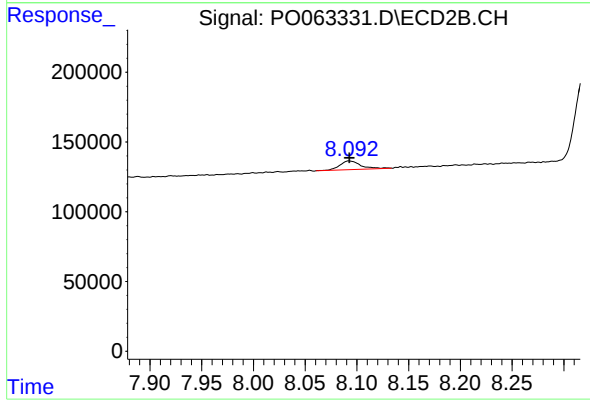
R.T.: 7.824 min
Delta R.T.: -0.001 min
Response: 255568
Conc: 118.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 88160
Conc: 5.89 ng/ml