

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030620\
 Data File : P0066990.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Mar 2020 17:29
 Operator : DD\AJ
 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: Mar 07 03:11:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 04 13:48:03 2020
 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...	4.125	3.401	2299388	2019917	43.134	43.568
2)	SA Decachlor...	9.595	8.285	2870186	2611104	52.130	50.504
Target Compounds							
3)	L1 AR-1016-1	5.273	4.455	875748	653685	456.527	470.987
4)	L1 AR-1016-2	5.294	4.471	1337781	1242927	441.244	437.019
5)	L1 AR-1016-3	5.355	4.644	776782	567427	452.024	454.990
6)	L1 AR-1016-4	5.451	4.686	665157	459059	448.560	442.588
7)	L1 AR-1016-5	5.741	4.894	605586	599299	435.369	451.492
8)	L2 AR-1221-1	4.331	3.607	67451	63012	120.383	146.726
9)	L2 AR-1221-2	4.419	3.691	97567	89873	225.059	287.356 #
10)	L2 AR-1221-3	4.493	3.765	411345	339078	343.202	333.484
11)	L3 AR-1232-1	4.493	3.765	411345	339078	441.209	421.614
12)	L3 AR-1232-2	5.009	4.471	890763	1242927	1780.031	1273.687 #
13)	L3 AR-1232-3	5.294	4.644	1337781	567427	1282.643	1343.396
14)	L3 AR-1232-4	5.451	4.726	665157	523561	1389.669	1382.155
15)	L3 AR-1232-5	5.541	4.894	514485	599299	1493.814	1374.533
16)	L4 AR-1242-1	5.273	4.455	875748	653685	750.531	773.462
17)	L4 AR-1242-2	5.294	4.471	1337781	1242927	712.345	717.323
18)	L4 AR-1242-3	5.355	4.644	776782	567427	720.007	712.973
19)	L4 AR-1242-4	5.451	4.726	665157	523561	732.748	679.862
20)	L4 AR-1242-5	6.178	5.240	126867	450419	121.484	449.691 #
21)	L5 AR-1248-1	5.273	4.455	875748	653685	940.044	943.488
22)	L5 AR-1248-2	5.541	4.686	514485	459059	406.820	415.859
23)	L5 AR-1248-3	5.741	4.726	605586	523561	401.765	464.051
24)	L5 AR-1248-4	6.139	4.894	143160	599299	78.681	426.271 #
25)	L5 AR-1248-5	6.178	5.280	126867	81065	72.088	58.796
26)	L6 AR-1254-1	6.112	5.240	480524	450419	259.870	199.681
27)	L6 AR-1254-2	6.327	5.386	534878	421711	176.841	213.851
28)	L6 AR-1254-3	6.690	5.795	302117	829317	96.999	258.668 #
29)	L6 AR-1254-4	6.972	6.010	254073	108800	99.804	61.474 #
30)	L6 AR-1254-5	7.386	6.421	2095435	1607909	778.262	535.280 #
31)	L7 AR-1260-1	6.851	5.910	1303641	1163730	465.299	443.568
32)	L7 AR-1260-2	7.106	6.098	1964801	1463973	476.240	449.037
33)	L7 AR-1260-3	7.460	6.247	1681500	1348961	470.713	447.534
34)	L7 AR-1260-4	7.684	6.713	1564583	1193638	486.073	453.952
35)	L7 AR-1260-5	7.989	6.957	3782665	3004763	540.055	488.746
36)	L8 AR-1262-1	7.460	6.421	1681500	1607909	390.395	1100.749 #
37)	L8 AR-1262-2	7.989	6.957	3782665	3004763	564.894	545.648
38)	L8 AR-1262-3	8.284	7.234	2215846	718102	517.747	310.193 #
39)	L8 AR-1262-4	8.336	7.298	1450557	2304377	432.202	522.137
40)	L8 AR-1262-5	8.941	7.792	1005831	883757	481.658	464.815
41)	L9 AR-1268-1	8.284	7.234	2215846	718102	254.294	102.154 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

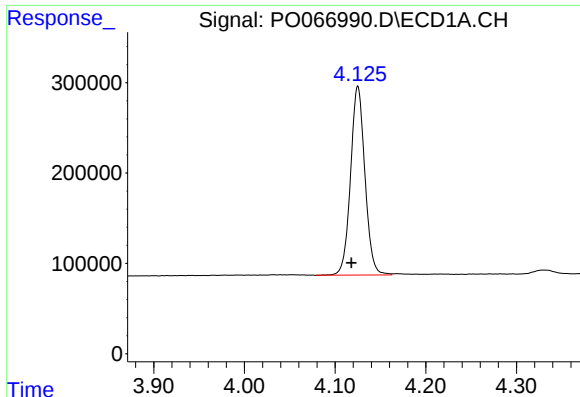
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 03:11:45 2020
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 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	8.336	7.298	1450557	2304377	194.106	346.348 #
43) L9	AR-1268-3	8.554	7.499	86173	45526	13.400	8.224 #
44) L9	AR-1268-4	8.941	7.792	1005831	883757	414.859	384.279
45) L9	AR-1268-5	9.303	8.060	263967	259706	13.903	14.880

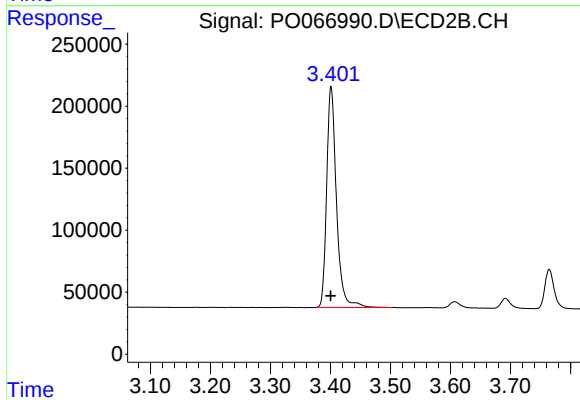
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

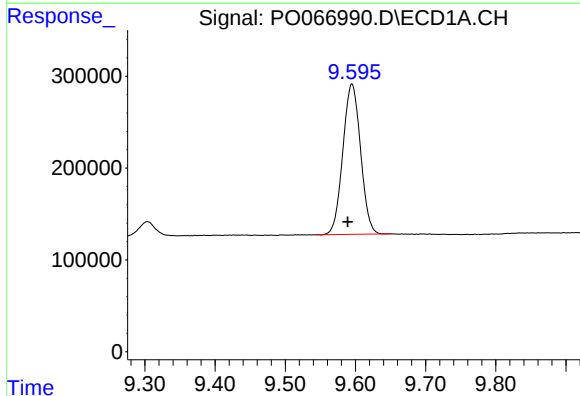
R.T.: 4.125 min
Delta R.T.: 0.007 min
Response: 2299388
Conc: 43.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



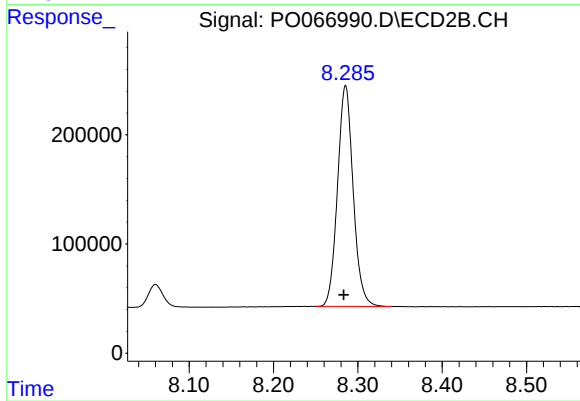
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2019917
Conc: 43.57 ng/ml



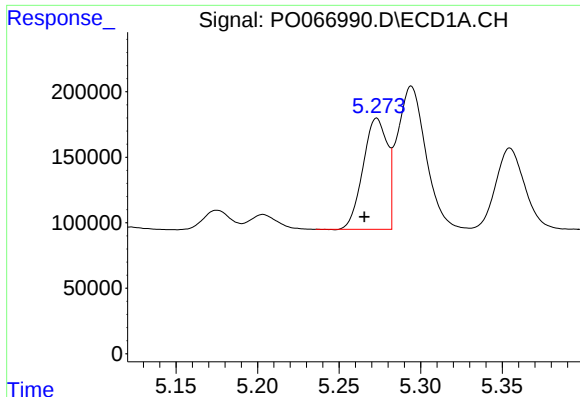
#2 Decachlorobiphenyl

R.T.: 9.595 min
Delta R.T.: 0.006 min
Response: 2870186
Conc: 52.13 ng/ml



#2 Decachlorobiphenyl

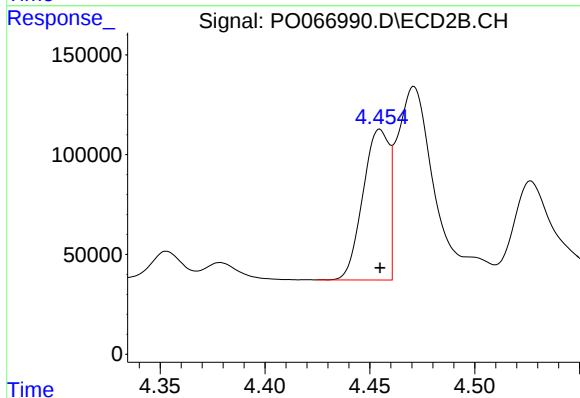
R.T.: 8.285 min
Delta R.T.: 0.002 min
Response: 2611104
Conc: 50.50 ng/ml



#3 AR-1016-1

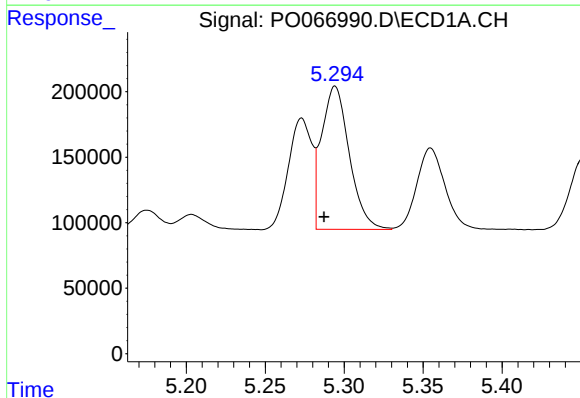
R.T.: 5.273 min
Delta R.T.: 0.008 min
Response: 875748
Conc: 456.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



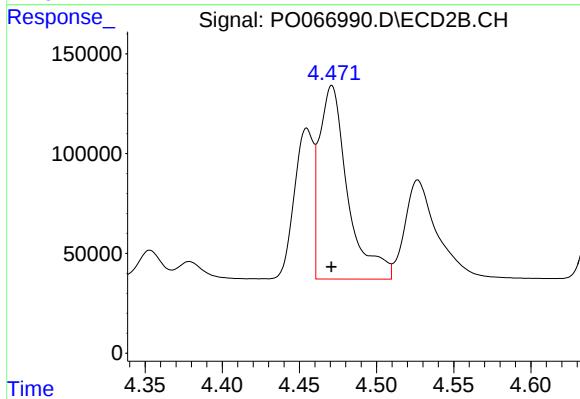
#3 AR-1016-1

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 653685
Conc: 470.99 ng/ml



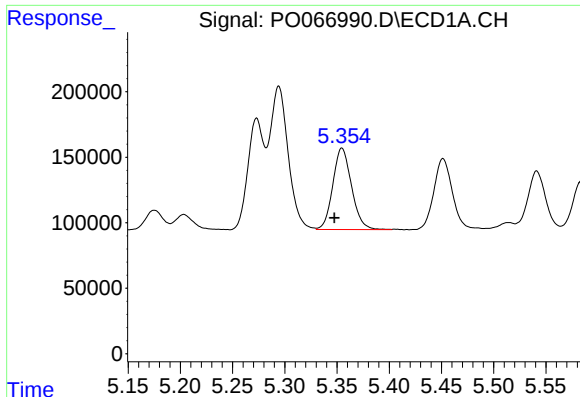
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: 0.007 min
Response: 1337781
Conc: 441.24 ng/ml



#4 AR-1016-2

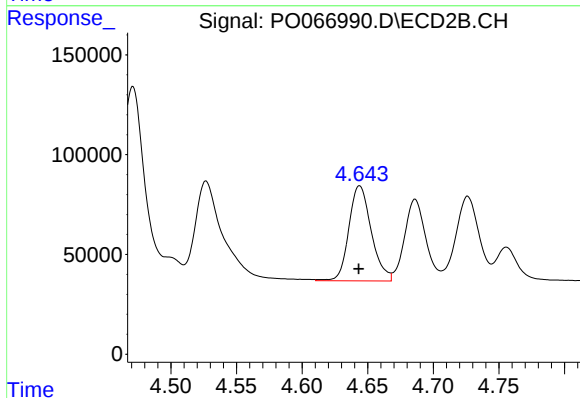
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1242927
Conc: 437.02 ng/ml



#5 AR-1016-3

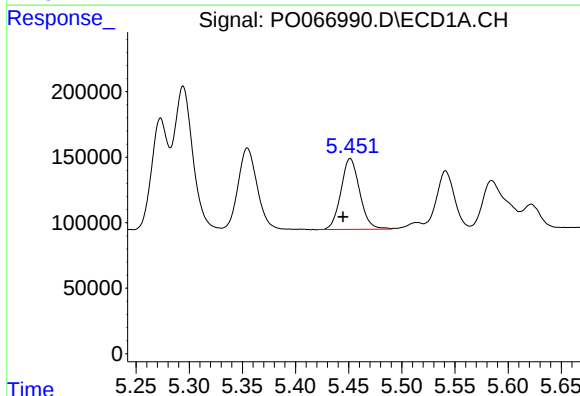
R.T.: 5.355 min
Delta R.T.: 0.007 min
Response: 776782
Conc: 452.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



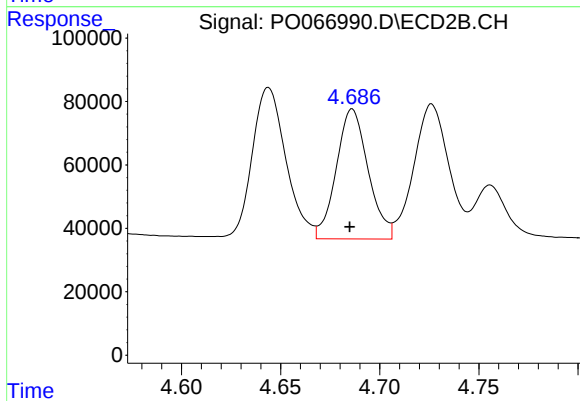
#5 AR-1016-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 567427
Conc: 454.99 ng/ml



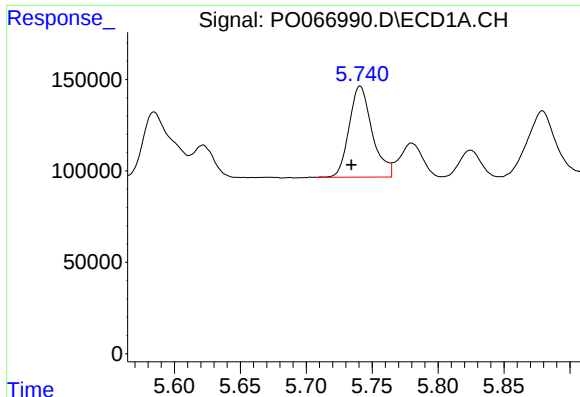
#6 AR-1016-4

R.T.: 5.451 min
Delta R.T.: 0.007 min
Response: 665157
Conc: 448.56 ng/ml



#6 AR-1016-4

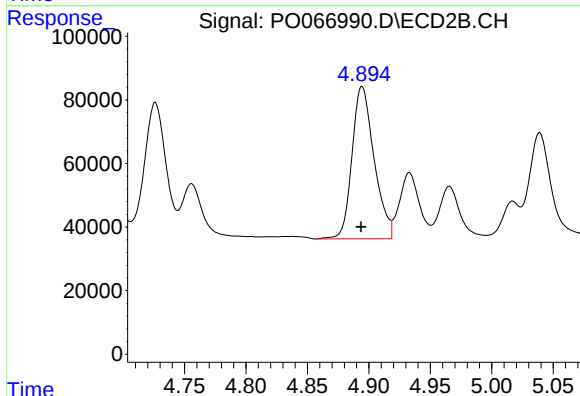
R.T.: 4.686 min
Delta R.T.: 0.001 min
Response: 459059
Conc: 442.59 ng/ml



#7 AR-1016-5

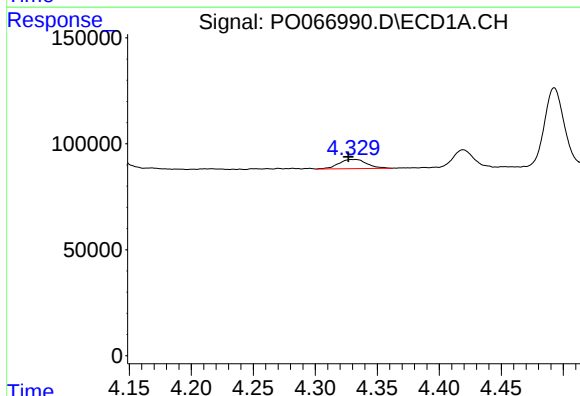
R.T.: 5.741 min
Delta R.T.: 0.007 min
Response: 605586
Conc: 435.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



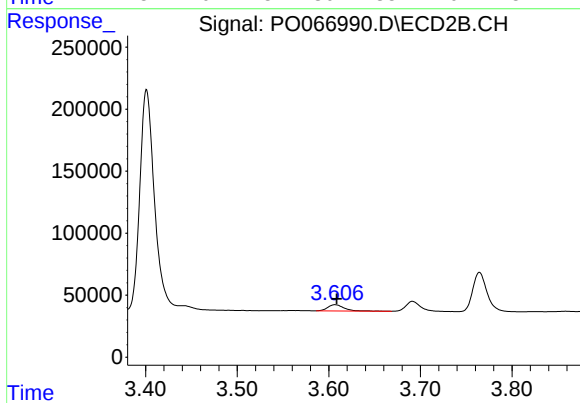
#7 AR-1016-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 599299
Conc: 451.49 ng/ml



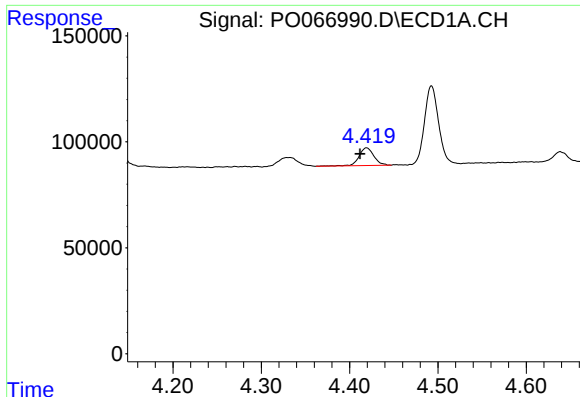
#8 AR-1221-1

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 67451
Conc: 120.38 ng/ml



#8 AR-1221-1

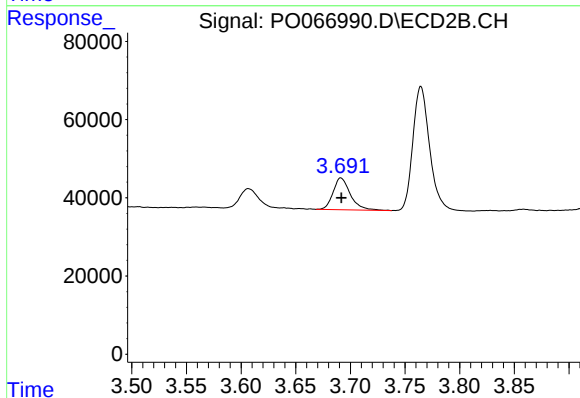
R.T.: 3.607 min
Delta R.T.: -0.002 min
Response: 63012
Conc: 146.73 ng/ml



#9 AR-1221-2

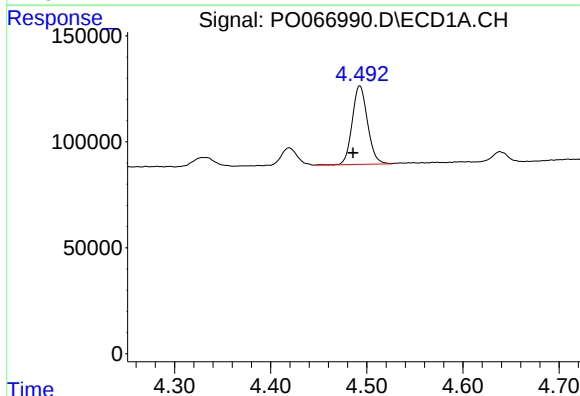
R.T.: 4.419 min
Delta R.T.: 0.008 min
Response: 97567
Conc: 225.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



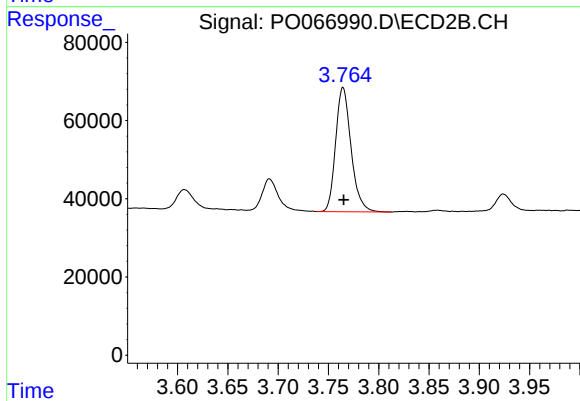
#9 AR-1221-2

R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 89873
Conc: 287.36 ng/ml



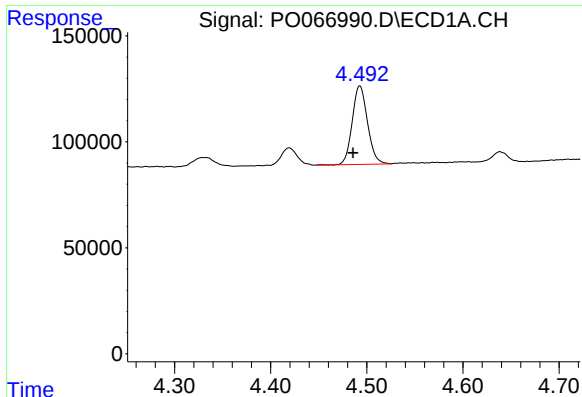
#10 AR-1221-3

R.T.: 4.493 min
Delta R.T.: 0.007 min
Response: 411345
Conc: 343.20 ng/ml



#10 AR-1221-3

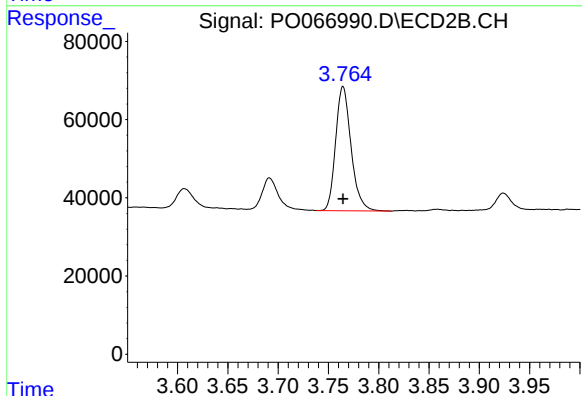
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 339078
Conc: 333.48 ng/ml



#11 AR-1232-1

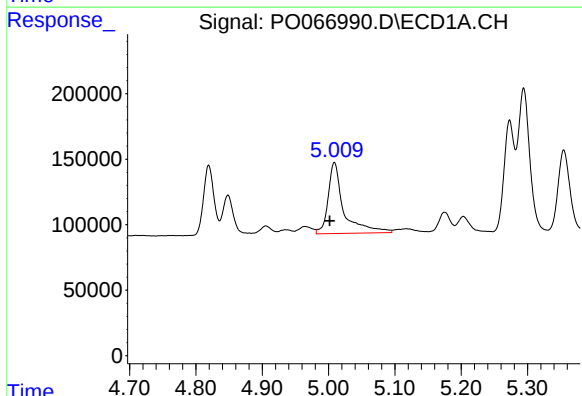
R.T.: 4.493 min
Delta R.T.: 0.007 min
Response: 411345
Conc: 441.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



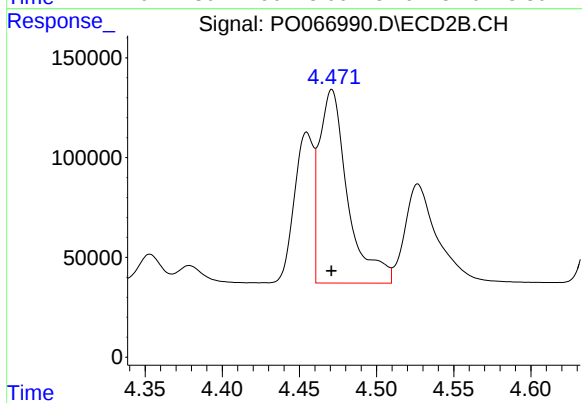
#11 AR-1232-1

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 339078
Conc: 421.61 ng/ml



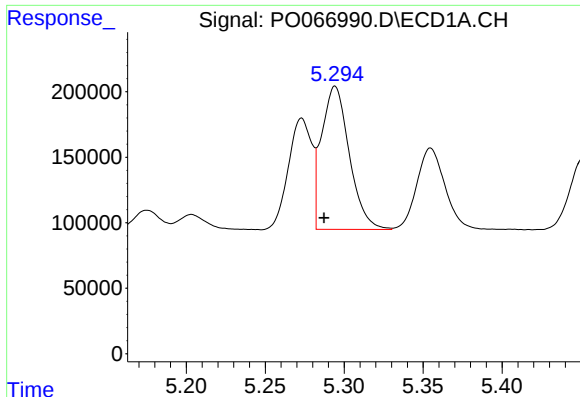
#12 AR-1232-2

R.T.: 5.009 min
Delta R.T.: 0.007 min
Response: 890763
Conc: 1780.03 ng/ml



#12 AR-1232-2

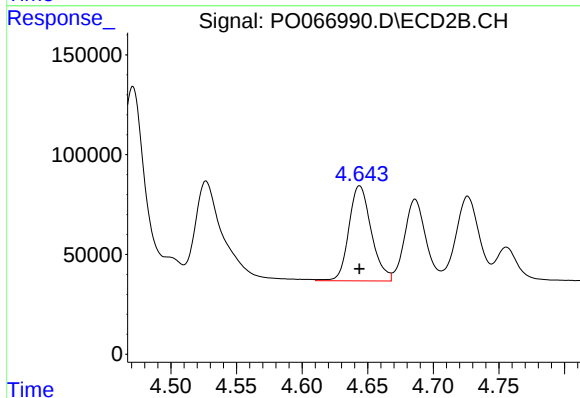
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1242927
Conc: 1273.69 ng/ml



#13 AR-1232-3

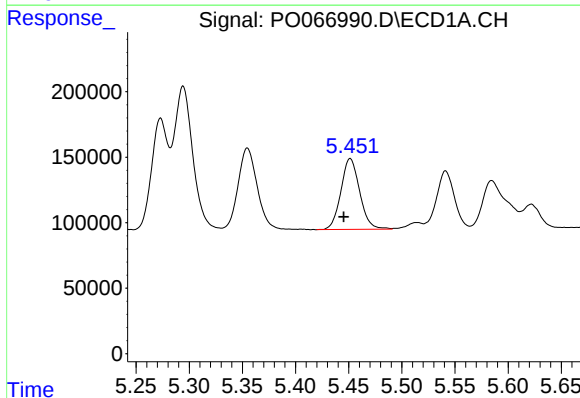
R.T.: 5.294 min
Delta R.T.: 0.007 min
Response: 1337781
Conc: 1282.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



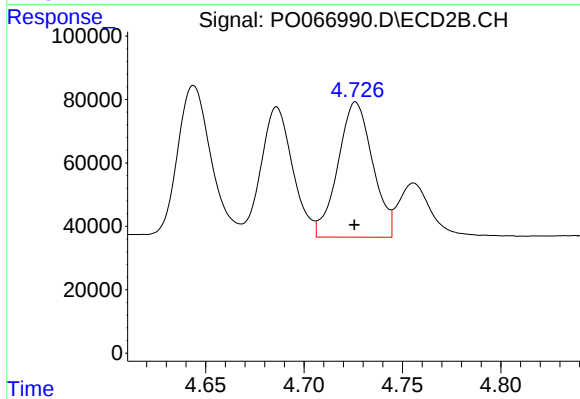
#13 AR-1232-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 567427
Conc: 1343.40 ng/ml



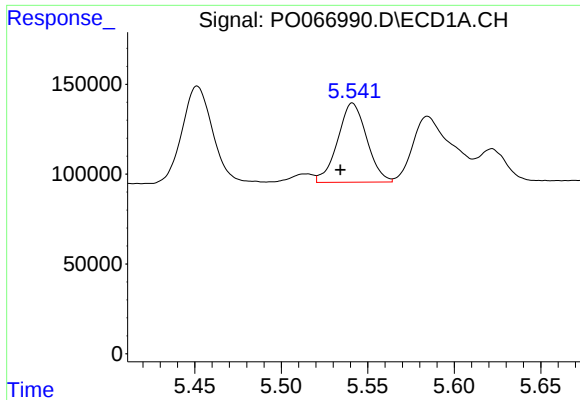
#14 AR-1232-4

R.T.: 5.451 min
Delta R.T.: 0.006 min
Response: 665157
Conc: 1389.67 ng/ml



#14 AR-1232-4

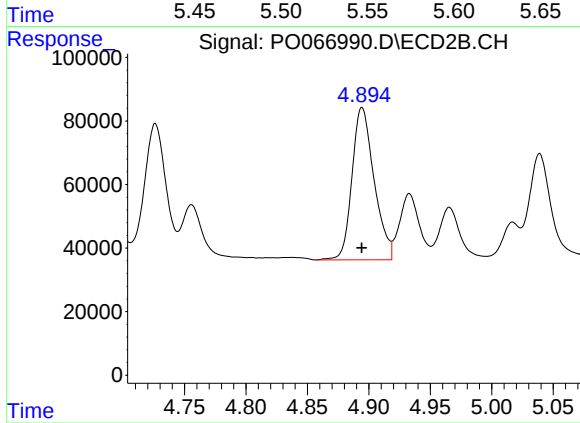
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 523561
Conc: 1382.15 ng/ml



#15 AR-1232-5

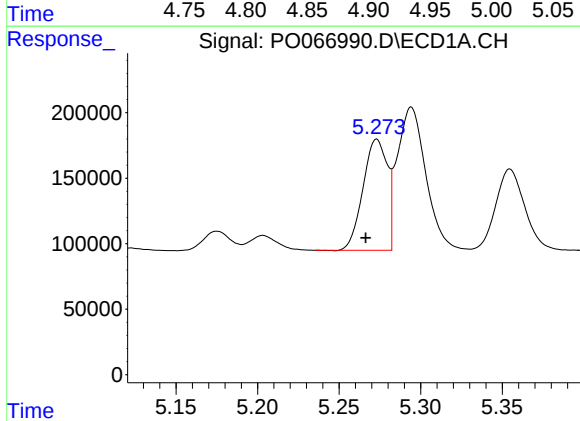
R.T.: 5.541 min
Delta R.T.: 0.007 min
Response: 514485
Conc: 1493.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



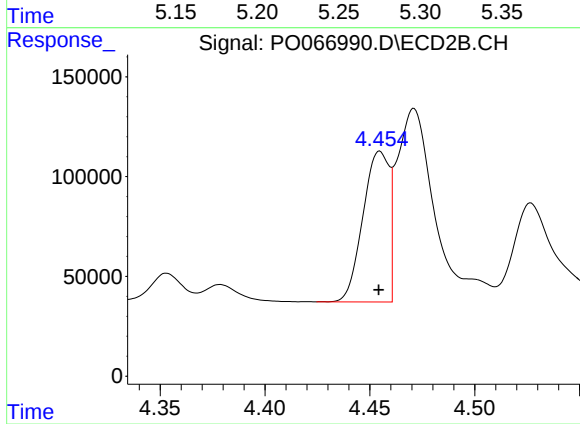
#15 AR-1232-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 599299
Conc: 1374.53 ng/ml



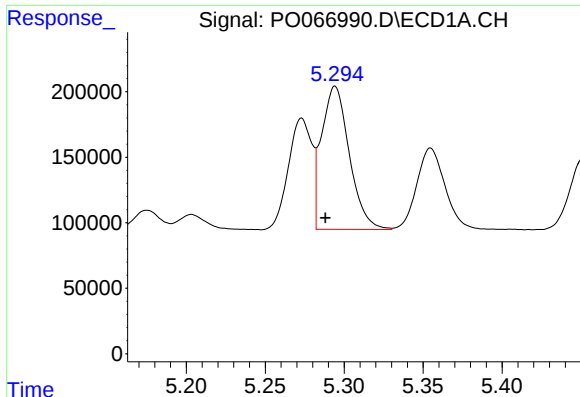
#16 AR-1242-1

R.T.: 5.273 min
Delta R.T.: 0.007 min
Response: 875748
Conc: 750.53 ng/ml



#16 AR-1242-1

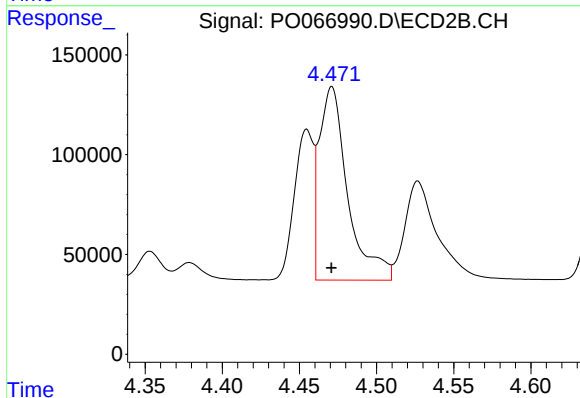
R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 653685
Conc: 773.46 ng/ml



#17 AR-1242-2

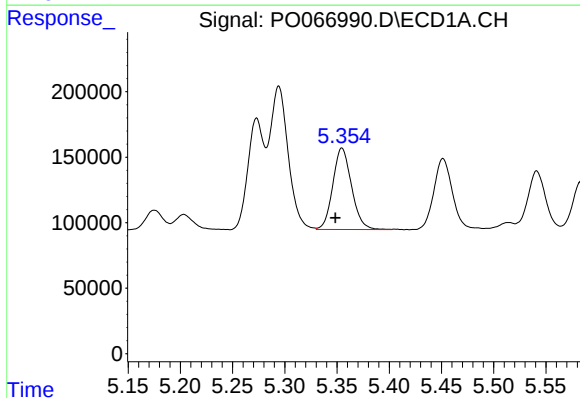
R.T.: 5.294 min
Delta R.T.: 0.006 min
Response: 1337781
Conc: 712.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



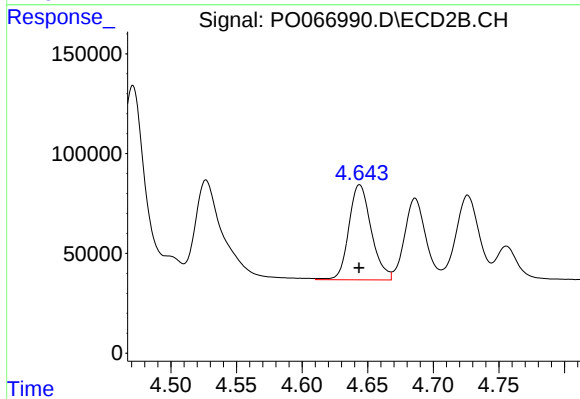
#17 AR-1242-2

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1242927
Conc: 717.32 ng/ml



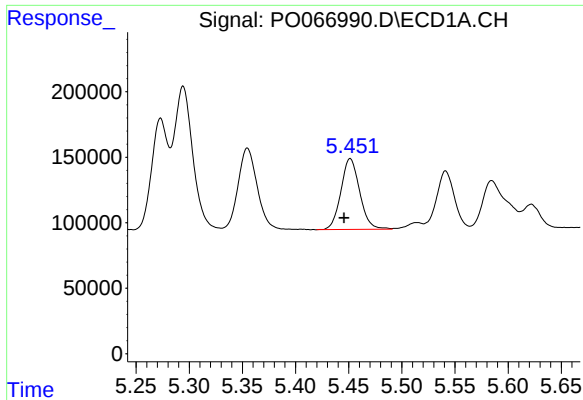
#18 AR-1242-3

R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 776782
Conc: 720.01 ng/ml



#18 AR-1242-3

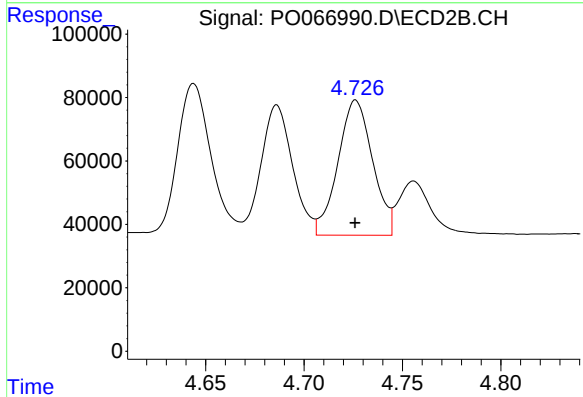
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 567427
Conc: 712.97 ng/ml



#19 AR-1242-4

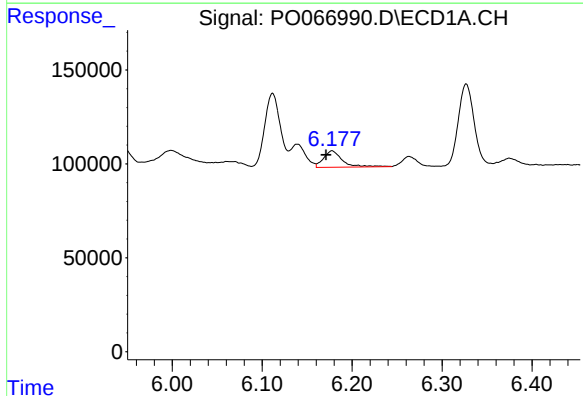
R.T.: 5.451 min
Delta R.T.: 0.006 min
Response: 665157
Conc: 732.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



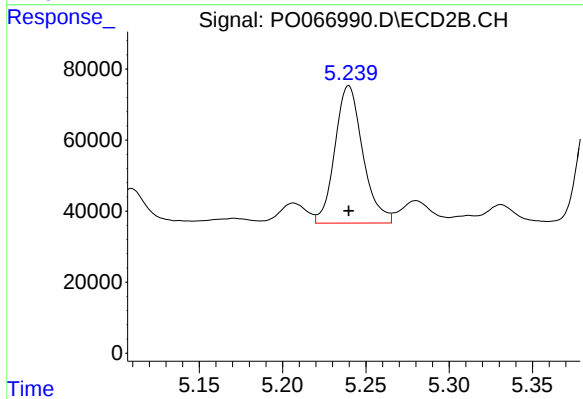
#19 AR-1242-4

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 523561
Conc: 679.86 ng/ml



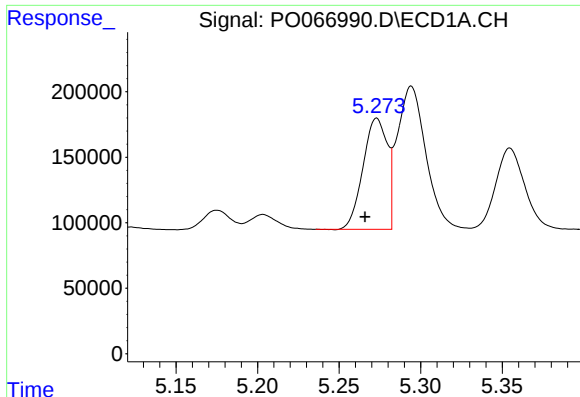
#20 AR-1242-5

R.T.: 6.178 min
Delta R.T.: 0.007 min
Response: 126867
Conc: 121.48 ng/ml



#20 AR-1242-5

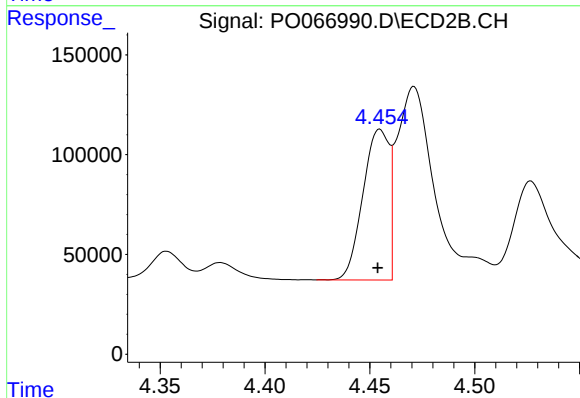
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 450419
Conc: 449.69 ng/ml



#21 AR-1248-1

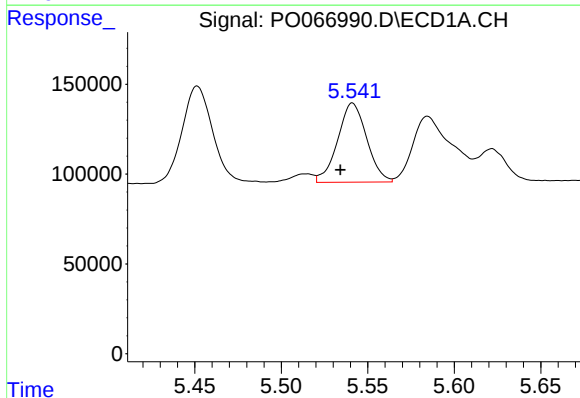
R.T.: 5.273 min
Delta R.T.: 0.007 min
Response: 875748
Conc: 940.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



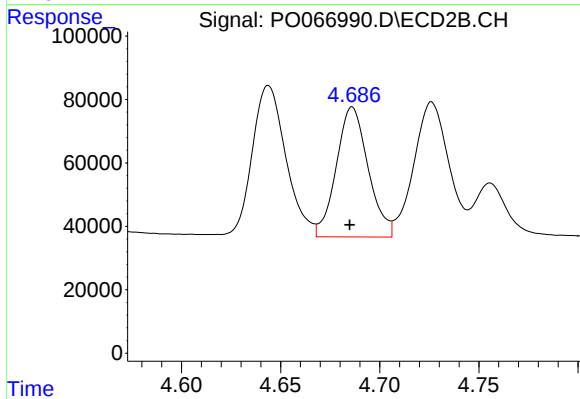
#21 AR-1248-1

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 653685
Conc: 943.49 ng/ml



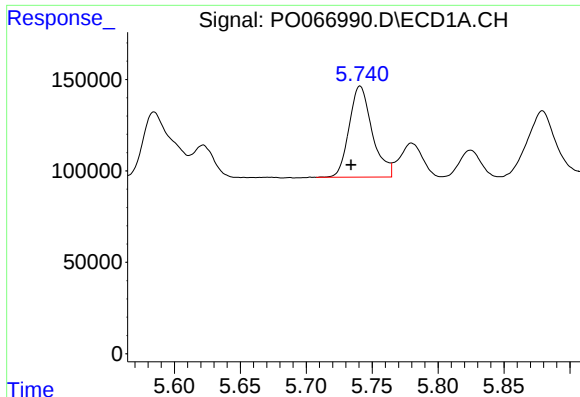
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.007 min
Response: 514485
Conc: 406.82 ng/ml



#22 AR-1248-2

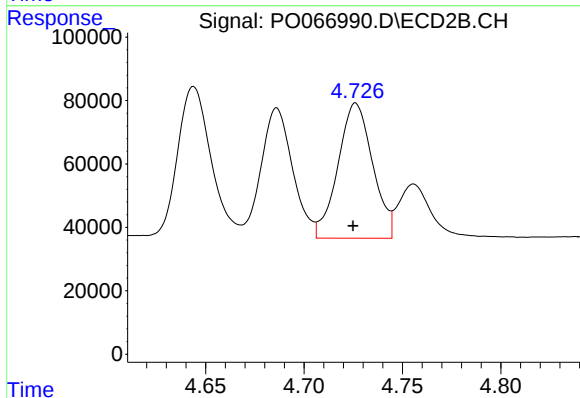
R.T.: 4.686 min
Delta R.T.: 0.001 min
Response: 459059
Conc: 415.86 ng/ml



#23 AR-1248-3

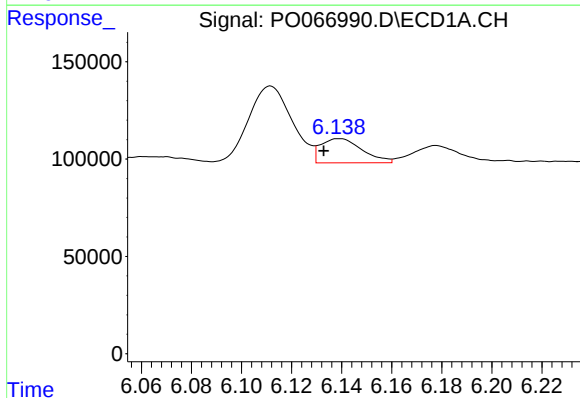
R.T.: 5.741 min
Delta R.T.: 0.007 min
Response: 605586
Conc: 401.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



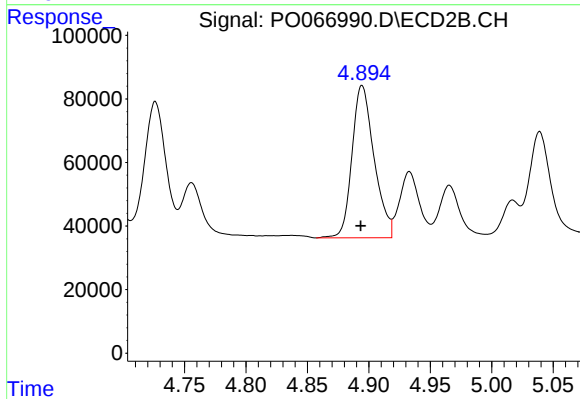
#23 AR-1248-3

R.T.: 4.726 min
Delta R.T.: 0.001 min
Response: 523561
Conc: 464.05 ng/ml



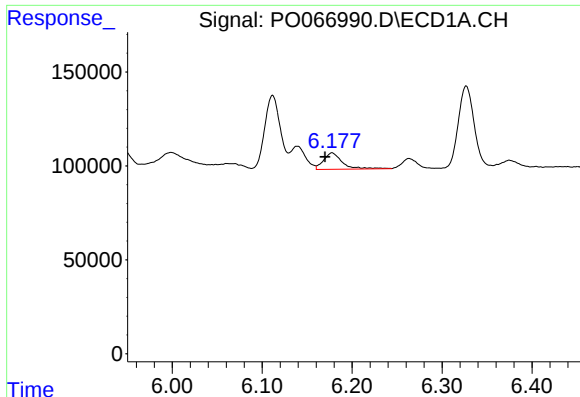
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: 0.006 min
Response: 143160
Conc: 78.68 ng/ml



#24 AR-1248-4

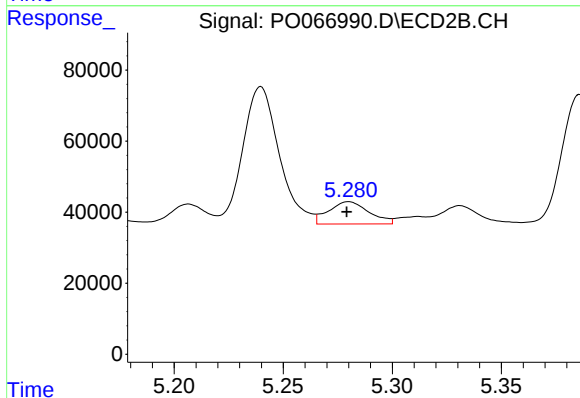
R.T.: 4.894 min
Delta R.T.: 0.001 min
Response: 599299
Conc: 426.27 ng/ml



#25 AR-1248-5

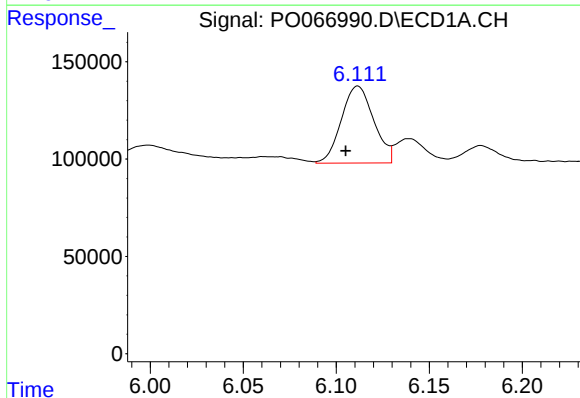
R.T.: 6.178 min
Delta R.T.: 0.008 min
Response: 126867
Conc: 72.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



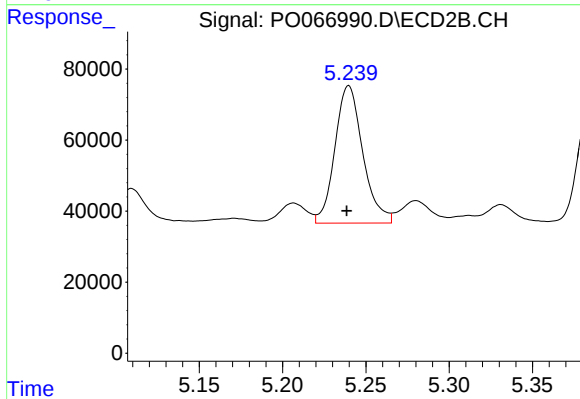
#25 AR-1248-5

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 81065
Conc: 58.80 ng/ml



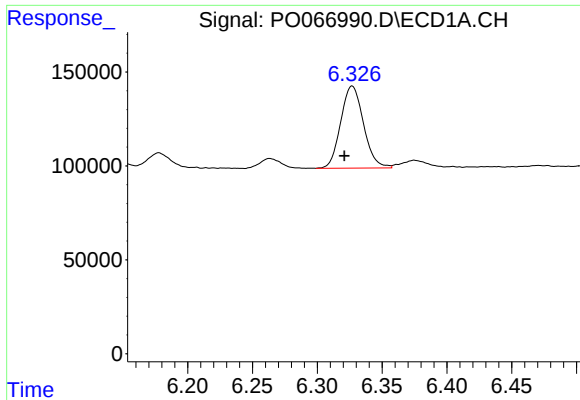
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.006 min
Response: 480524
Conc: 259.87 ng/ml



#26 AR-1254-1

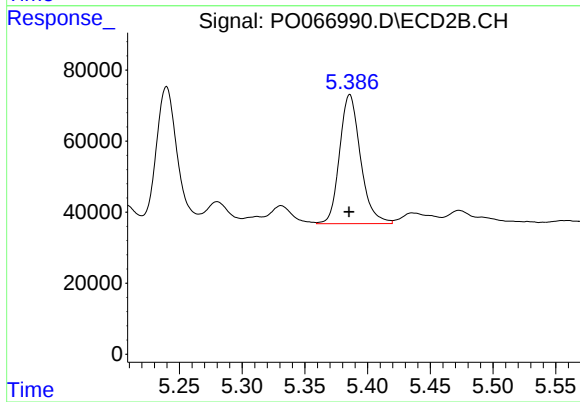
R.T.: 5.240 min
Delta R.T.: 0.001 min
Response: 450419
Conc: 199.68 ng/ml



#27 AR-1254-2

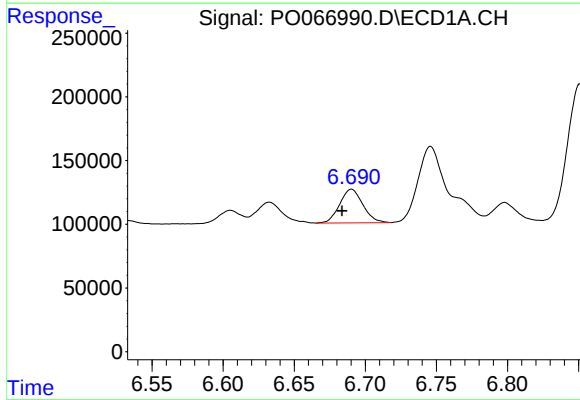
R.T.: 6.327 min
Delta R.T.: 0.006 min
Response: 534878
Conc: 176.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



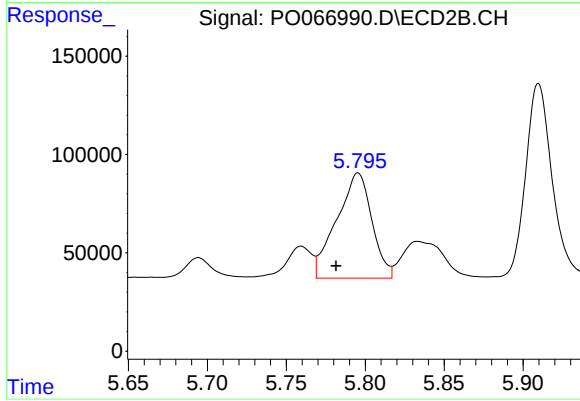
#27 AR-1254-2

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 421711
Conc: 213.85 ng/ml



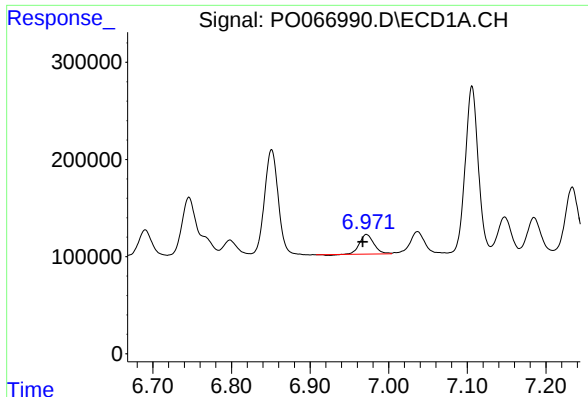
#28 AR-1254-3

R.T.: 6.690 min
Delta R.T.: 0.007 min
Response: 302117
Conc: 97.00 ng/ml



#28 AR-1254-3

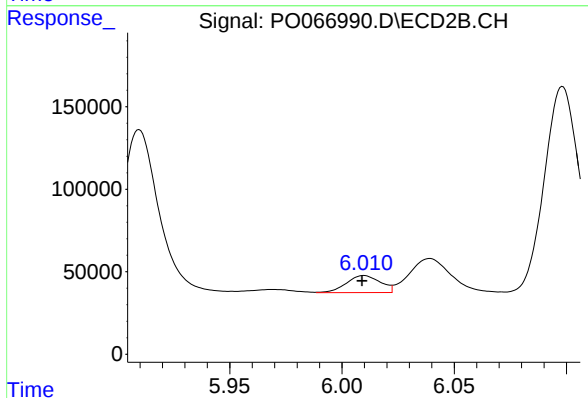
R.T.: 5.795 min
Delta R.T.: 0.014 min
Response: 829317
Conc: 258.67 ng/ml



#29 AR-1254-4

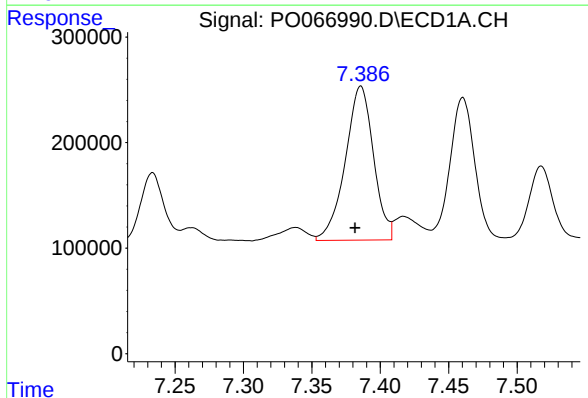
R.T.: 6.972 min
Delta R.T.: 0.005 min
Response: 254073
Conc: 99.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



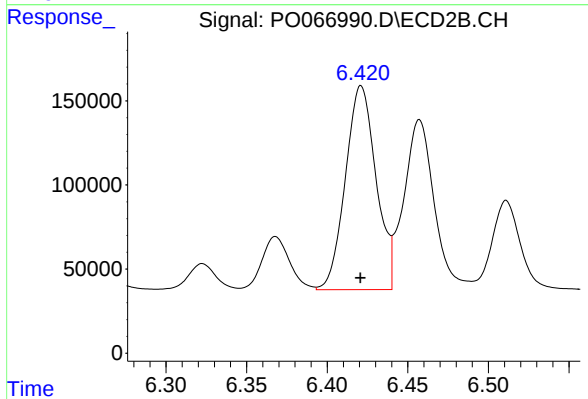
#29 AR-1254-4

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 108800
Conc: 61.47 ng/ml



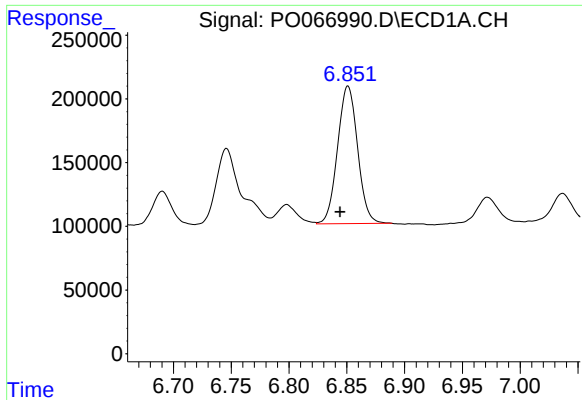
#30 AR-1254-5

R.T.: 7.386 min
Delta R.T.: 0.004 min
Response: 2095435
Conc: 778.26 ng/ml



#30 AR-1254-5

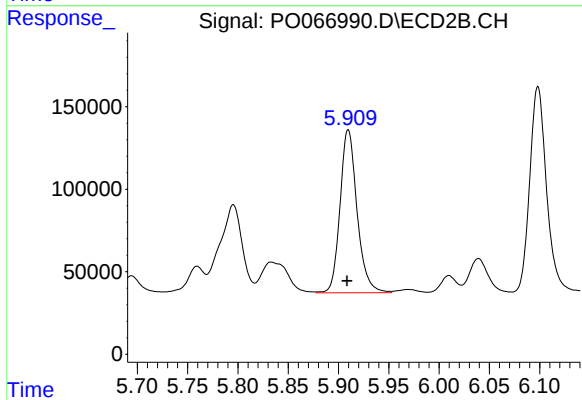
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 1607909
Conc: 535.28 ng/ml



#31 AR-1260-1

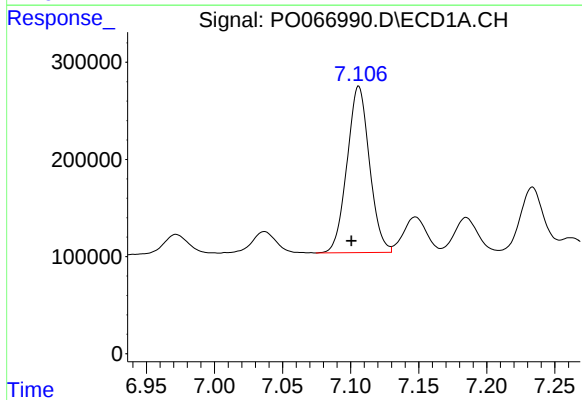
R.T.: 6.851 min
Delta R.T.: 0.007 min
Response: 1303641
Conc: 465.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



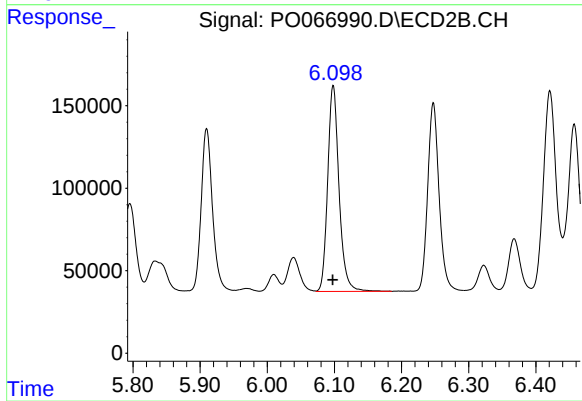
#31 AR-1260-1

R.T.: 5.910 min
Delta R.T.: 0.001 min
Response: 1163730
Conc: 443.57 ng/ml



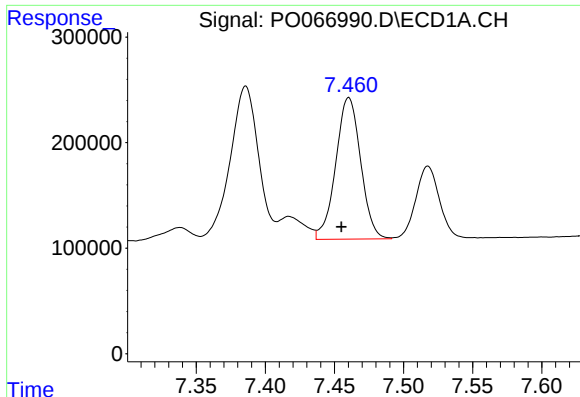
#32 AR-1260-2

R.T.: 7.106 min
Delta R.T.: 0.005 min
Response: 1964801
Conc: 476.24 ng/ml



#32 AR-1260-2

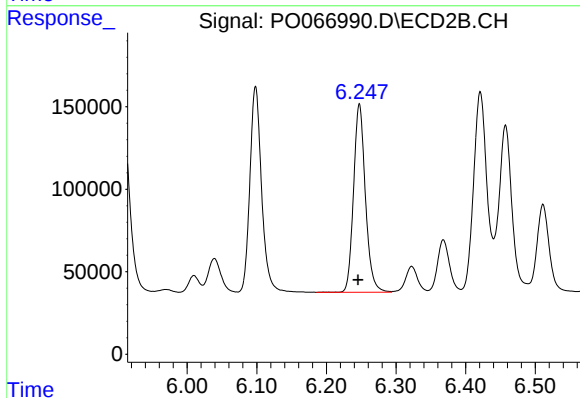
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 1463973
Conc: 449.04 ng/ml



#33 AR-1260-3

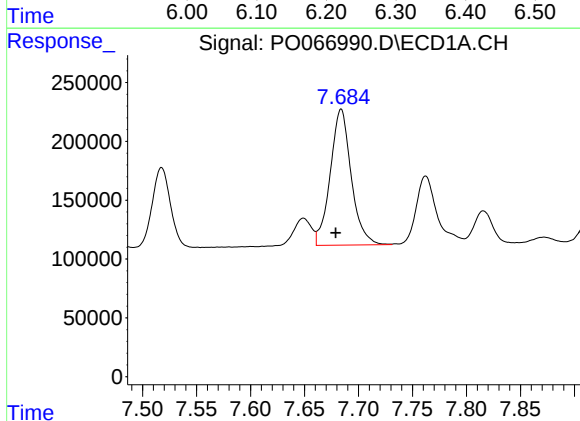
R.T.: 7.460 min
Delta R.T.: 0.005 min
Response: 1681500
Conc: 470.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



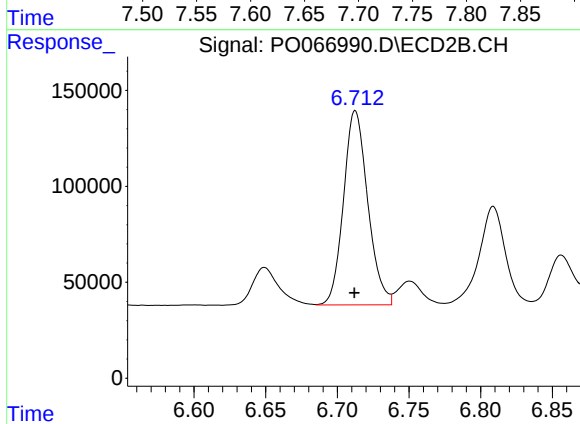
#33 AR-1260-3

R.T.: 6.247 min
Delta R.T.: 0.002 min
Response: 1348961
Conc: 447.53 ng/ml



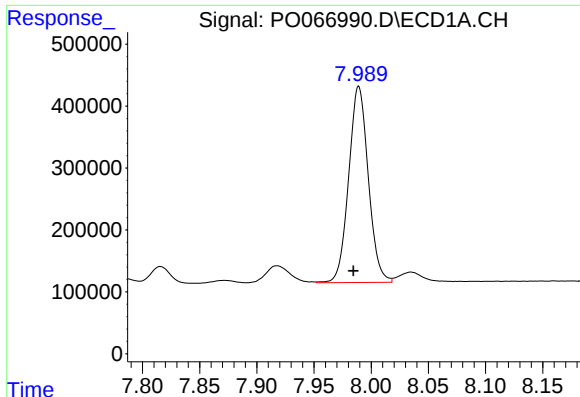
#34 AR-1260-4

R.T.: 7.684 min
Delta R.T.: 0.005 min
Response: 1564583
Conc: 486.07 ng/ml



#34 AR-1260-4

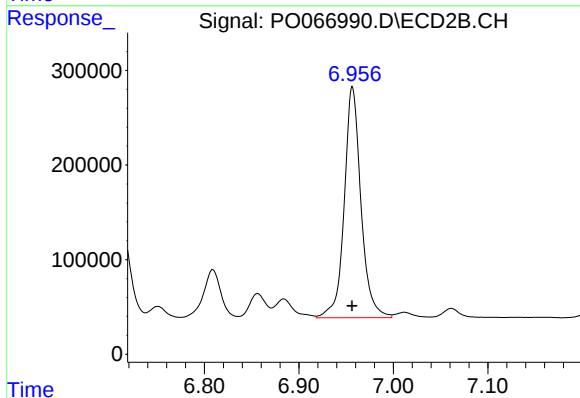
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1193638
Conc: 453.95 ng/ml



#35 AR-1260-5

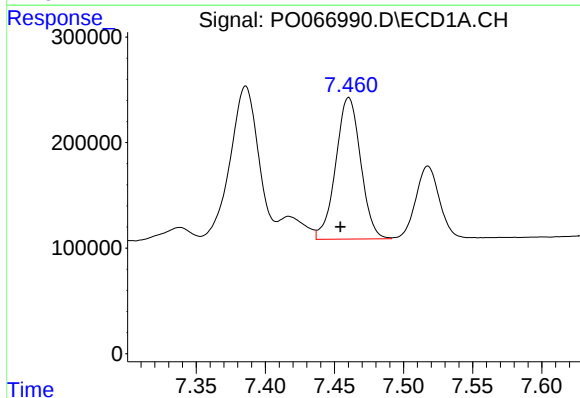
R.T.: 7.989 min
Delta R.T.: 0.005 min
Response: 3782665
Conc: 540.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



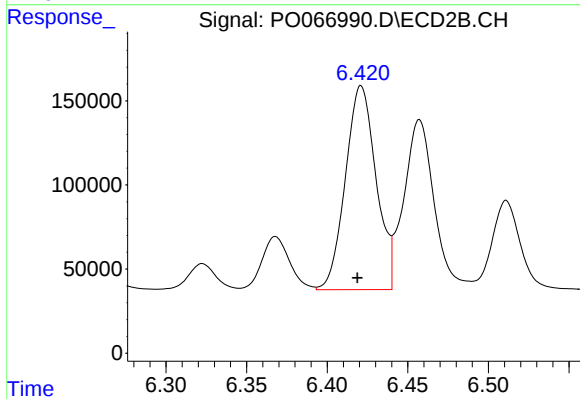
#35 AR-1260-5

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 3004763
Conc: 488.75 ng/ml



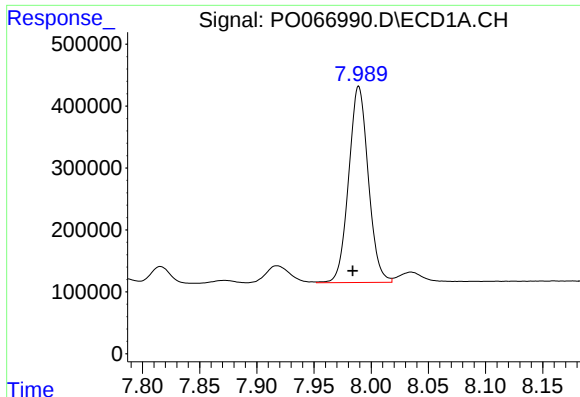
#36 AR-1262-1

R.T.: 7.460 min
Delta R.T.: 0.006 min
Response: 1681500
Conc: 390.40 ng/ml



#36 AR-1262-1

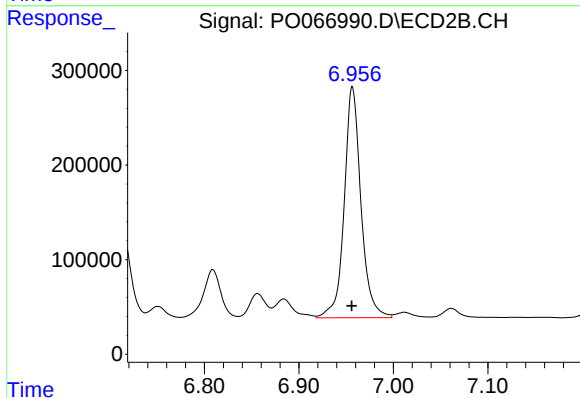
R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 1607909
Conc: 1100.75 ng/ml



#37 AR-1262-2

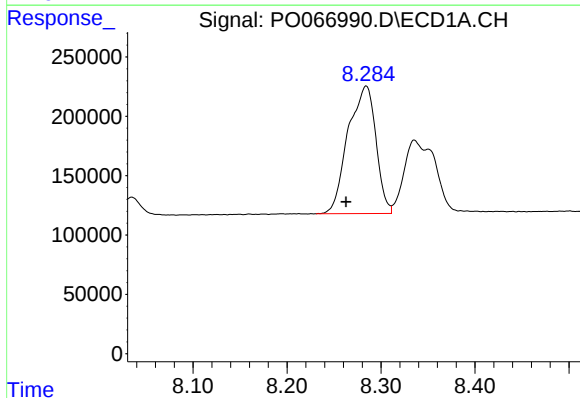
R.T.: 7.989 min
Delta R.T.: 0.005 min
Response: 3782665
Conc: 564.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



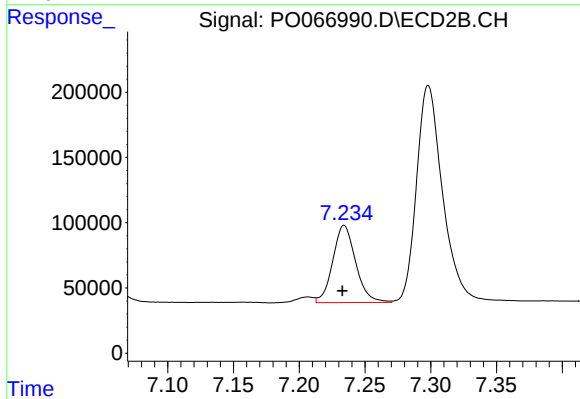
#37 AR-1262-2

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 3004763
Conc: 545.65 ng/ml



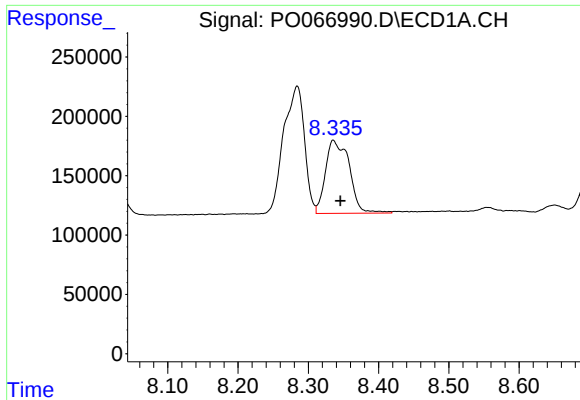
#38 AR-1262-3

R.T.: 8.284 min
Delta R.T.: 0.021 min
Response: 2215846
Conc: 517.75 ng/ml



#38 AR-1262-3

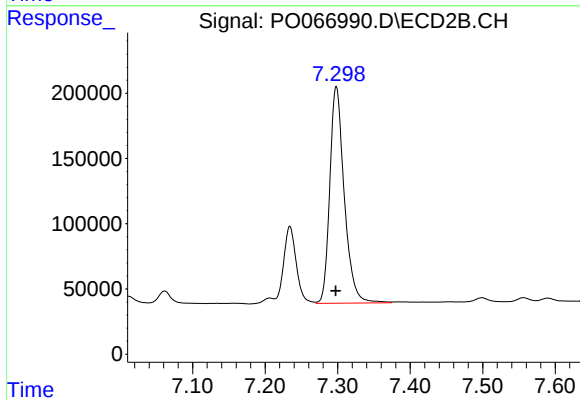
R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 718102
Conc: 310.19 ng/ml



#39 AR-1262-4

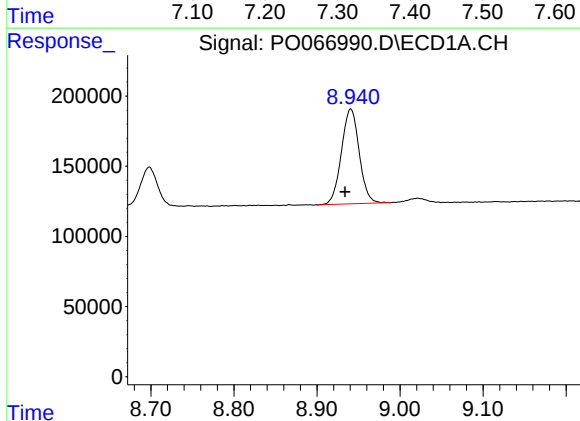
R.T.: 8.336 min
Delta R.T.: -0.010 min
Response: 1450557
Conc: 432.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



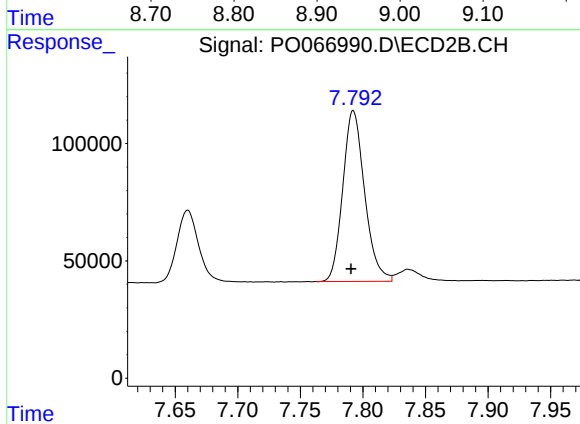
#39 AR-1262-4

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2304377
Conc: 522.14 ng/ml



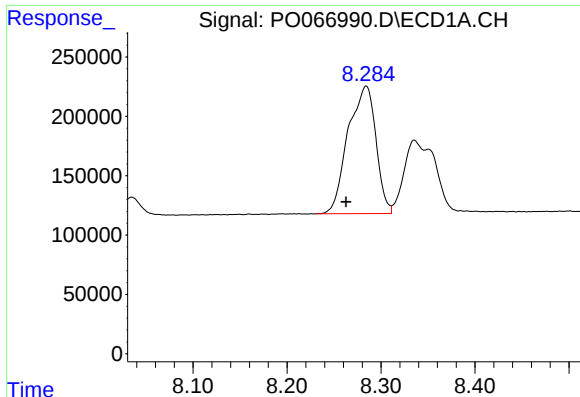
#40 AR-1262-5

R.T.: 8.941 min
Delta R.T.: 0.007 min
Response: 1005831
Conc: 481.66 ng/ml



#40 AR-1262-5

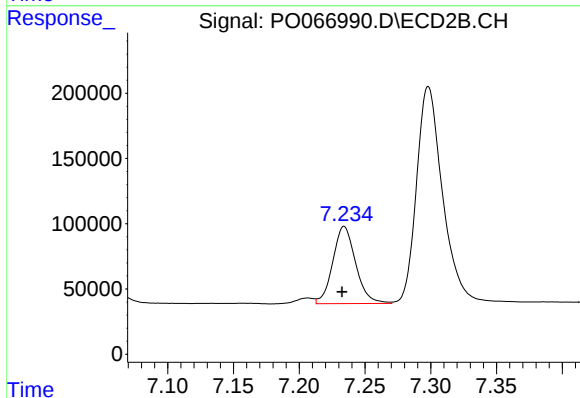
R.T.: 7.792 min
Delta R.T.: 0.002 min
Response: 883757
Conc: 464.81 ng/ml



#41 AR-1268-1

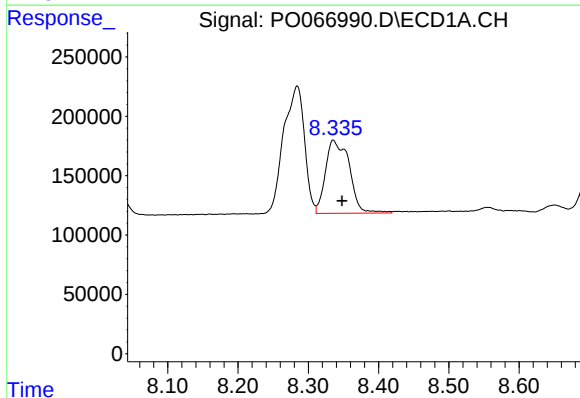
R.T.: 8.284 min
Delta R.T.: 0.022 min
Response: 2215846
Conc: 254.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



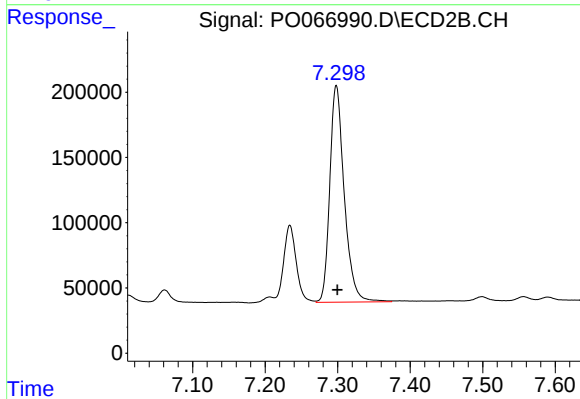
#41 AR-1268-1

R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 718102
Conc: 102.15 ng/ml



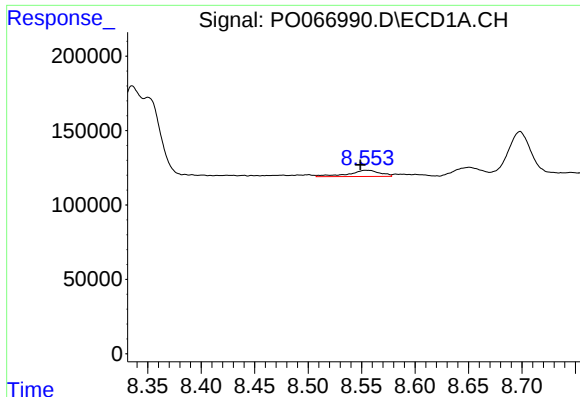
#42 AR-1268-2

R.T.: 8.336 min
Delta R.T.: -0.013 min
Response: 1450557
Conc: 194.11 ng/ml



#42 AR-1268-2

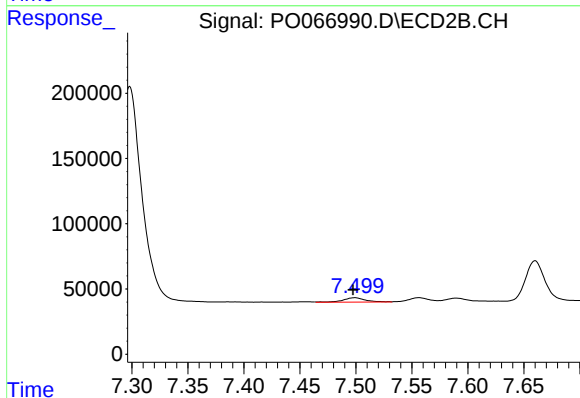
R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 2304377
Conc: 346.35 ng/ml



#43 AR-1268-3

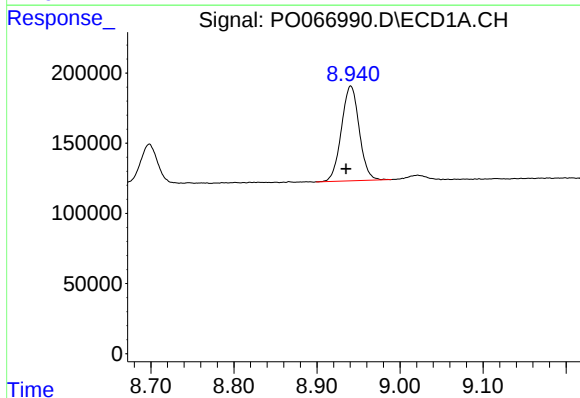
R.T.: 8.554 min
Delta R.T.: 0.005 min
Response: 86173
Conc: 13.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



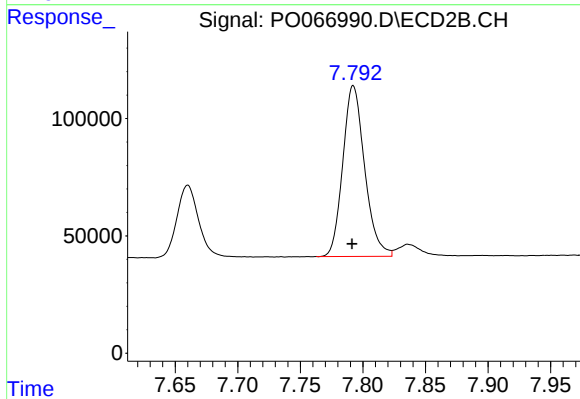
#43 AR-1268-3

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 45526
Conc: 8.22 ng/ml



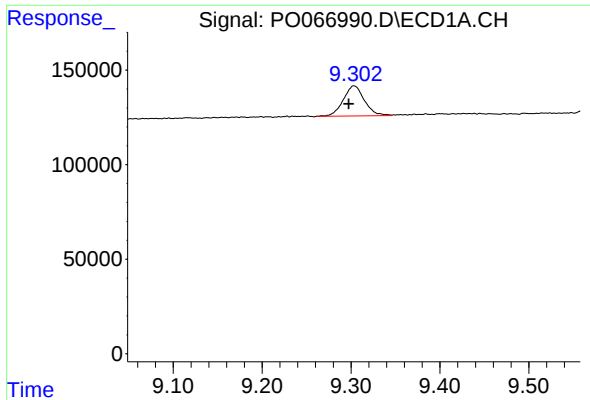
#44 AR-1268-4

R.T.: 8.941 min
Delta R.T.: 0.005 min
Response: 1005831
Conc: 414.86 ng/ml



#44 AR-1268-4

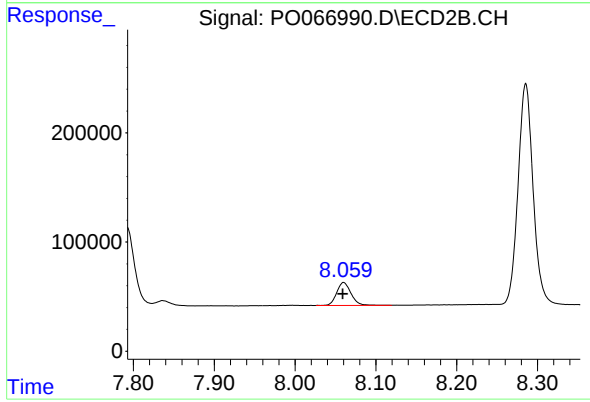
R.T.: 7.792 min
Delta R.T.: 0.001 min
Response: 883757
Conc: 384.28 ng/ml



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: 0.006 min
Response: 263967
Conc: 13.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.060 min
Delta R.T.: 0.001 min
Response: 259706
Conc: 14.88 ng/ml