

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020820\
 Data File : P0066361.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Feb 2020 12:31
 Operator : DD\AJ
 Sample : L1409-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:20:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 06 18:14:46 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...	4.144	3.421	1060708	1406663	37.604	35.820
2)	SA Decachlor...	9.644	8.322	781074	1041628	18.914	17.903
Target Compounds							
3)	L1 AR-1016-1	5.295	4.479	410964	446975	334.577	304.355
4)	L1 AR-1016-2	5.317	4.496	616096	831910	329.647	291.902
5)	L1 AR-1016-3	5.377	4.669	347096	372695	309.018	299.336
6)	L1 AR-1016-4	5.475	4.711	362237	303617	388.978	295.888
7)	L1 AR-1016-5	5.765	4.920	319548	380156	334.280	284.034
8)	L2 AR-1221-1	4.347	3.628	24051	41498	86.108	103.694
9)	L2 AR-1221-2	4.439	3.713	39683	69968	183.385	235.024 #
10)	L2 AR-1221-3	4.512	3.786	187009	222513	253.938	219.771
11)	L3 AR-1232-1	4.512	3.786	187009	222513	331.724	291.053
12)	L3 AR-1232-2	5.030	4.496	310044	831910	999.715	786.410
13)	L3 AR-1232-3	5.317	4.669	616096	372695	906.565	791.429
14)	L3 AR-1232-4	5.475	4.751	362237	354908	1064.019	887.271
15)	L3 AR-1232-5	5.565	4.920	240833	380156	995.255	840.566
16)	L4 AR-1242-1	5.295	4.479	410964	446975	479.878	430.309
17)	L4 AR-1242-2	5.317	4.496	616096	831910	467.104	419.136
18)	L4 AR-1242-3	5.377	4.669	347096	372695	443.436	418.823
19)	L4 AR-1242-4	5.475	4.751	362237	354908	555.682	408.590 #
20)	L4 AR-1242-5	6.203	5.267	88648	505803	109.780	385.487 #
21)	L5 AR-1248-1	5.295	4.479	410964	446975	600.946	549.699
22)	L5 AR-1248-2	5.565	4.711	240833	303617	256.538	240.682
23)	L5 AR-1248-3	5.765	4.751	319548	354908	277.790	276.700
24)	L5 AR-1248-4	6.165	4.920	82621	380156	56.064	238.181 #
25)	L5 AR-1248-5	6.203	5.307	88648	67955	63.272	38.218 #
26)	L6 AR-1254-1	6.137	5.267	354858	505803	243.977	181.324 #
27)	L6 AR-1254-2	6.354	5.413	1068611	430087	435.141	164.687 #
28)	L6 AR-1254-3	6.729	5.789	778265	195342	289.012	45.872 #
29)	L6 AR-1254-4	7.000	6.038	253683	131050	109.879	42.764 #
30)	L6 AR-1254-5	7.415	6.451	1635872	2201653	696.153	500.608 #
31)	L7 AR-1260-1	6.878	5.939	1055515	1366542	495.987	412.982
32)	L7 AR-1260-2	7.133	6.127	3436345	2142058	1117.513	416.449 #
33)	L7 AR-1260-3	7.490	6.277	1021146	1599089	387.155	407.979
34)	L7 AR-1260-4	7.714	6.744	1030985	1276658	413.945	352.412
35)	L7 AR-1260-5	8.020	6.988	2355209	3665426	417.829	381.230
36)	L8 AR-1262-1	7.490	6.541	1021146	814680	295.616	340.670
37)	L8 AR-1262-2	8.020	6.988	2355209	3665426	406.842	367.483
38)	L8 AR-1262-3	8.318	7.266	1327907	657472	360.499	171.659 #
39)	L8 AR-1262-4	8.368	7.330	739840	2310116	265.999	360.901 #
40)	L8 AR-1262-5	8.980	7.825	505295	644800	284.485	236.758
41)	L9 AR-1268-1	8.318	7.266	1327907	657472	180.160	52.872 #

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 ALS Vial : 16 Sample Multiplier: 1

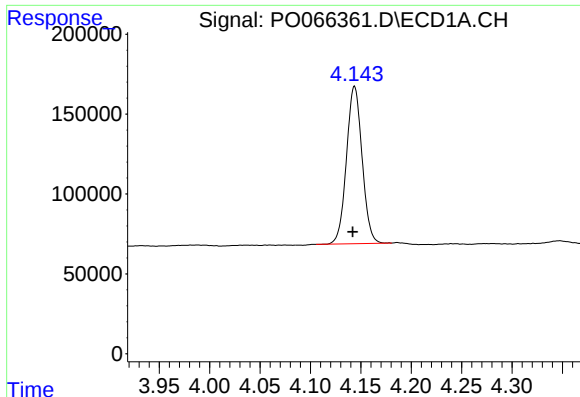
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:20:13 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	8.368	7.330	739840	2310116	118.810	218.891 #
43) L9	AR-1268-3	8.591	7.532	61242	53634	11.276	6.129 #
44) L9	AR-1268-4	8.980	7.825	505295	644800	235.700	197.732
45) L9	AR-1268-5	9.348	8.094	122051	155988	7.846	6.605

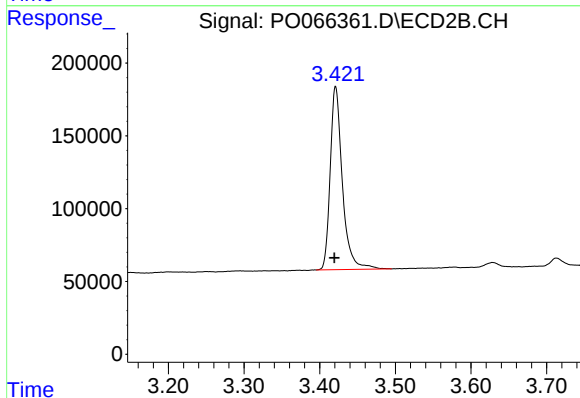
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

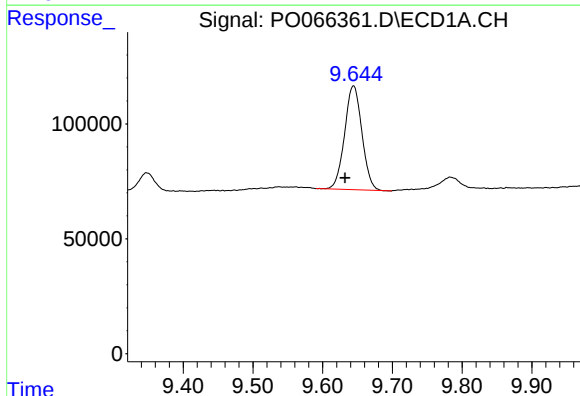
R.T.: 4.144 min
Delta R.T.: 0.002 min
Response: 1060708
Conc: 37.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



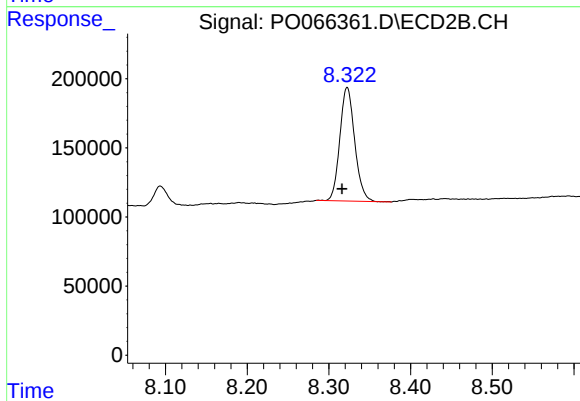
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.002 min
Response: 1406663
Conc: 35.82 ng/ml



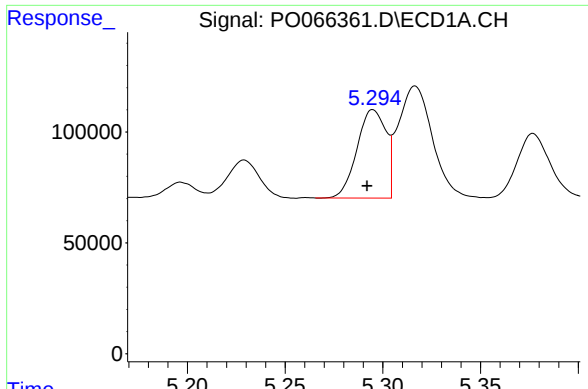
#2 Decachlorobiphenyl

R.T.: 9.644 min
Delta R.T.: 0.012 min
Response: 781074
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

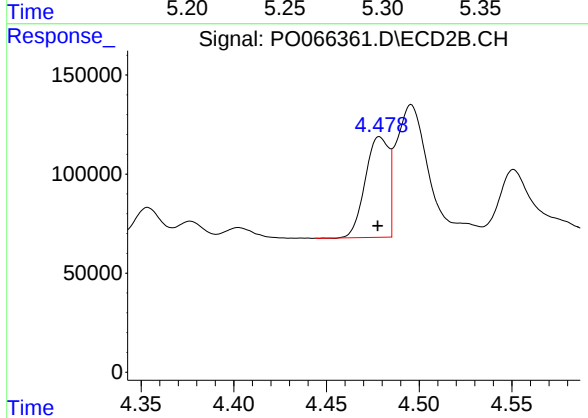
R.T.: 8.322 min
Delta R.T.: 0.006 min
Response: 1041628
Conc: 17.90 ng/ml



#3 AR-1016-1

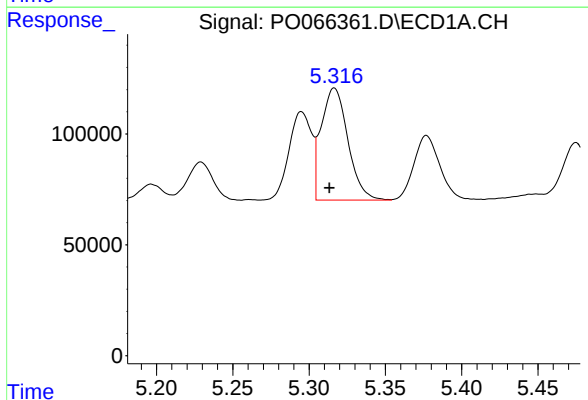
R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 410964
Conc: 334.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



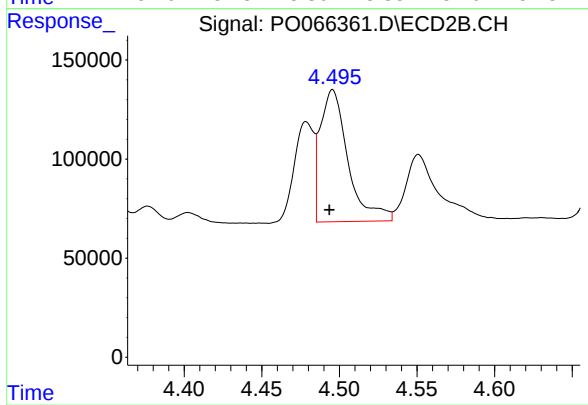
#3 AR-1016-1

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 446975
Conc: 304.35 ng/ml



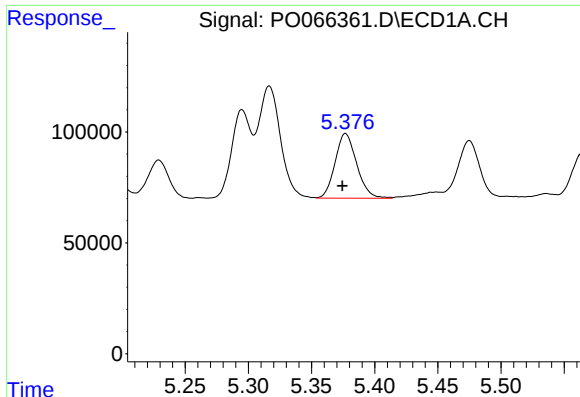
#4 AR-1016-2

R.T.: 5.317 min
Delta R.T.: 0.003 min
Response: 616096
Conc: 329.65 ng/ml



#4 AR-1016-2

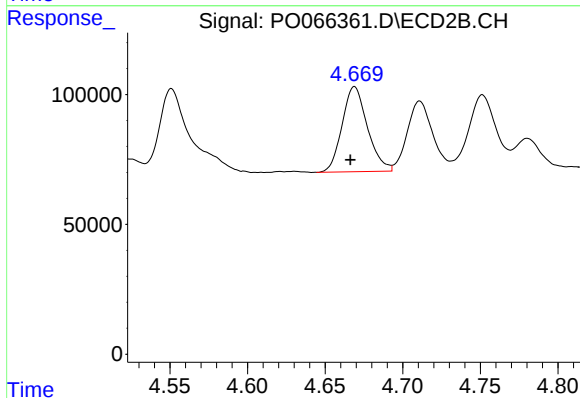
R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 831910
Conc: 291.90 ng/ml



#5 AR-1016-3

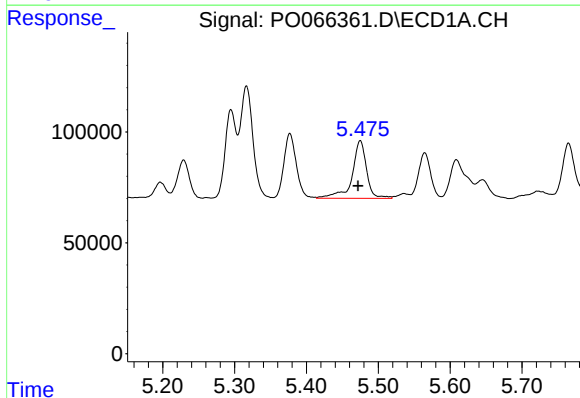
R.T.: 5.377 min
Delta R.T.: 0.003 min
Response: 347096
Conc: 309.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



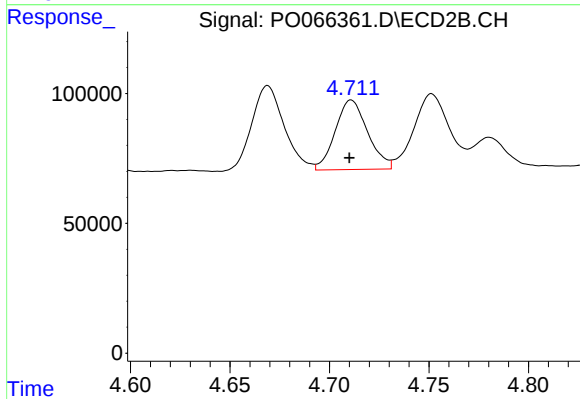
#5 AR-1016-3

R.T.: 4.669 min
Delta R.T.: 0.003 min
Response: 372695
Conc: 299.34 ng/ml



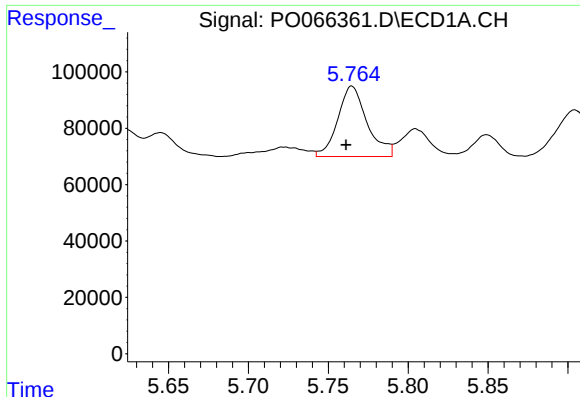
#6 AR-1016-4

R.T.: 5.475 min
Delta R.T.: 0.003 min
Response: 362237
Conc: 388.98 ng/ml



#6 AR-1016-4

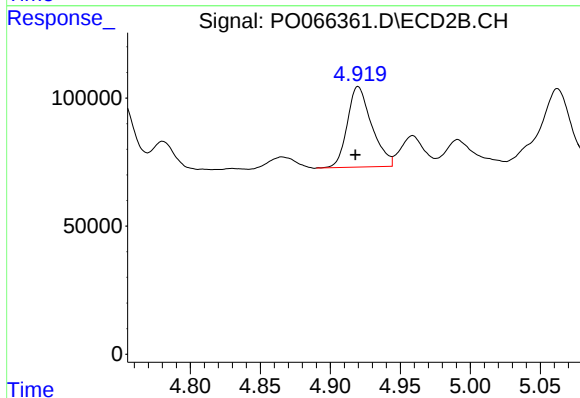
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 303617
Conc: 295.89 ng/ml



#7 AR-1016-5

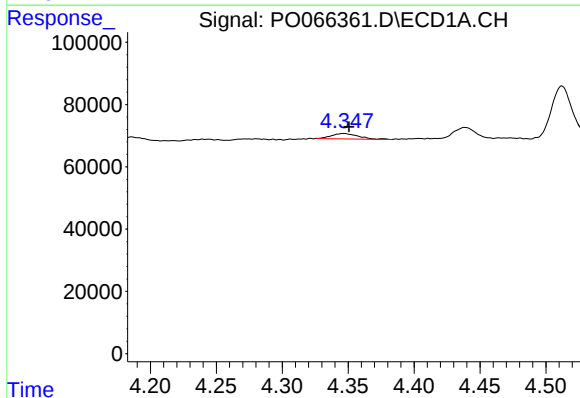
R.T.: 5.765 min
Delta R.T.: 0.004 min
Response: 319548
Conc: 334.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



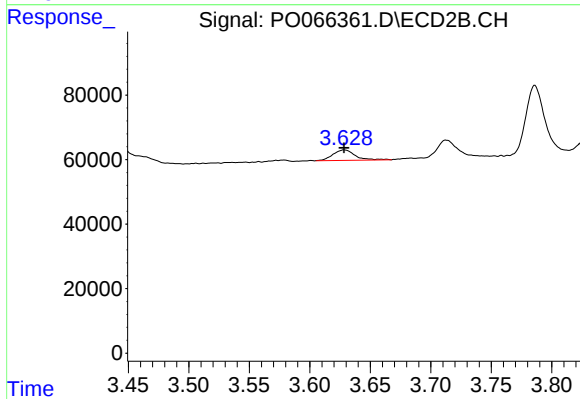
#7 AR-1016-5

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 380156
Conc: 284.03 ng/ml



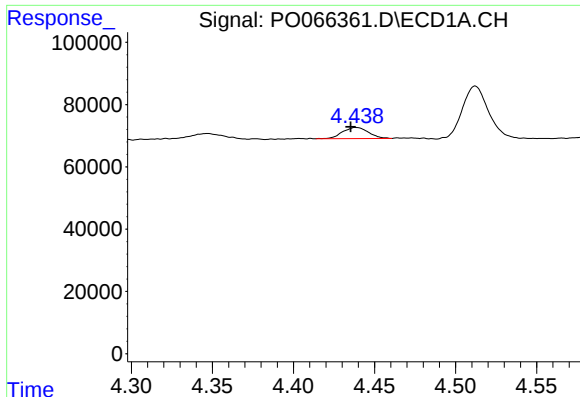
#8 AR-1221-1

R.T.: 4.347 min
Delta R.T.: -0.004 min
Response: 24051
Conc: 86.11 ng/ml



#8 AR-1221-1

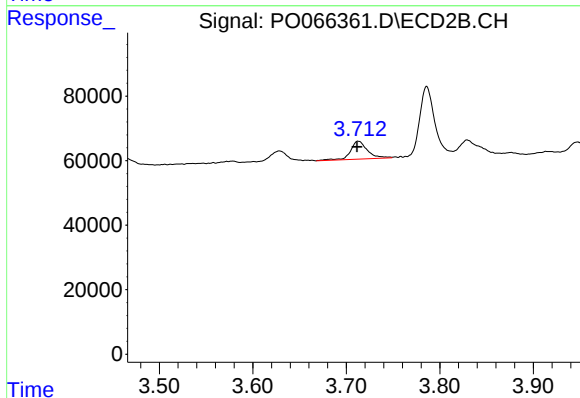
R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 41498
Conc: 103.69 ng/ml



#9 AR-1221-2

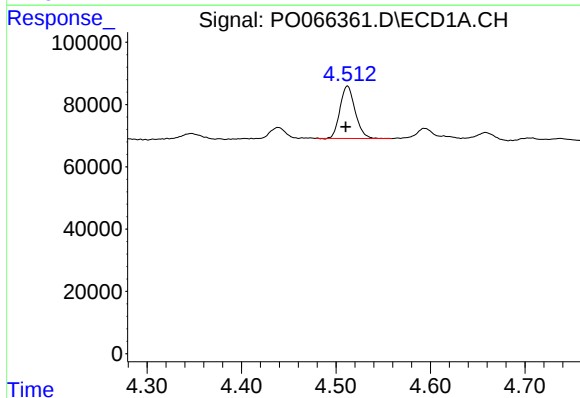
R.T.: 4.439 min
Delta R.T.: 0.003 min
Response: 39683
Conc: 183.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



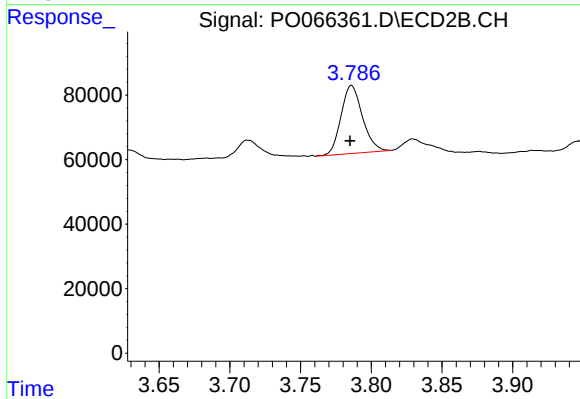
#9 AR-1221-2

R.T.: 3.713 min
Delta R.T.: 0.001 min
Response: 69968
Conc: 235.02 ng/ml



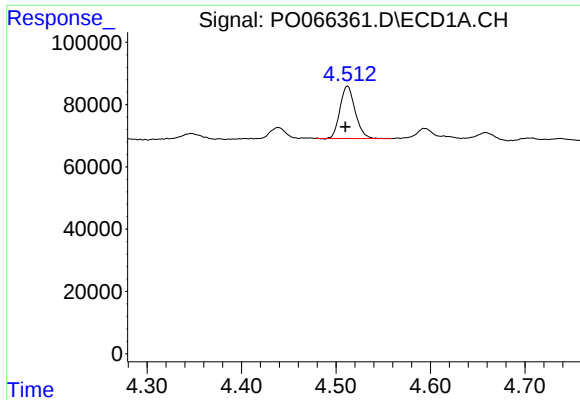
#10 AR-1221-3

R.T.: 4.512 min
Delta R.T.: 0.002 min
Response: 187009
Conc: 253.94 ng/ml



#10 AR-1221-3

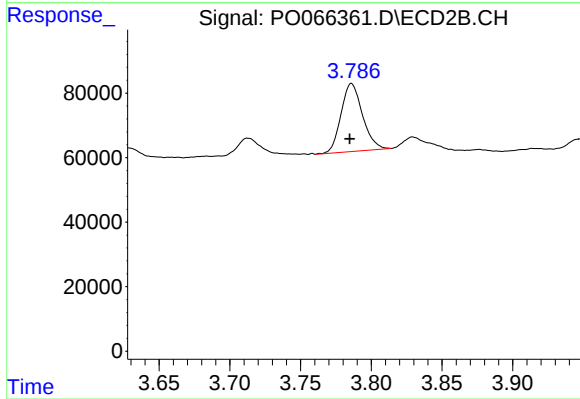
R.T.: 3.786 min
Delta R.T.: 0.001 min
Response: 222513
Conc: 219.77 ng/ml



#11 AR-1232-1

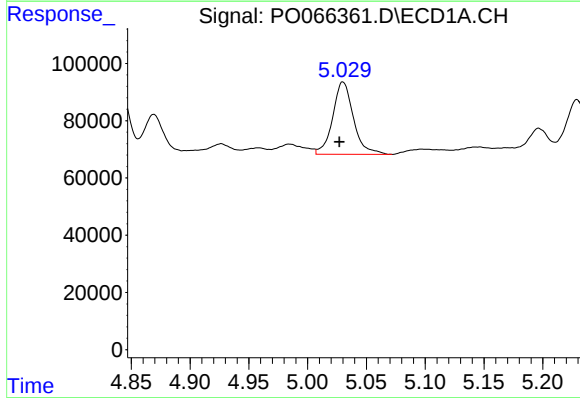
R.T.: 4.512 min
Delta R.T.: 0.002 min
Response: 187009
Conc: 331.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



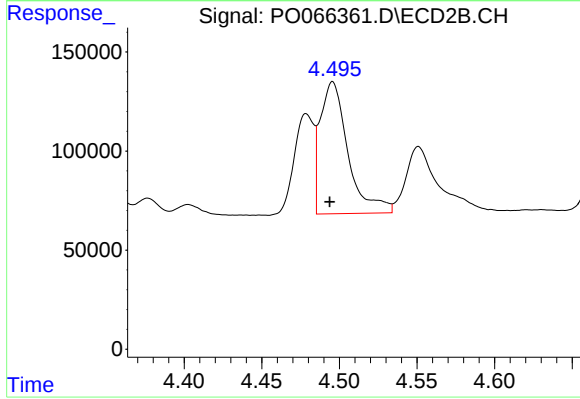
#11 AR-1232-1

R.T.: 3.786 min
Delta R.T.: 0.001 min
Response: 222513
Conc: 291.05 ng/ml



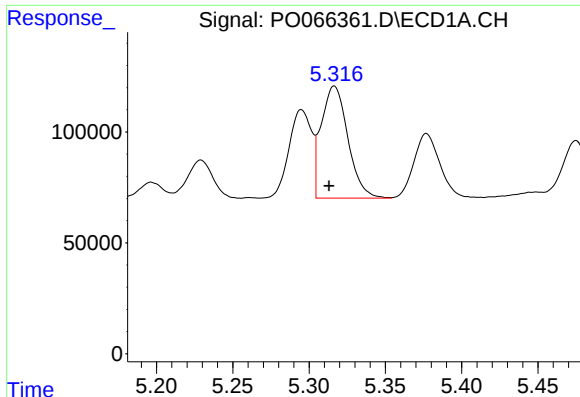
#12 AR-1232-2

R.T.: 5.030 min
Delta R.T.: 0.003 min
Response: 310044
Conc: 999.72 ng/ml



#12 AR-1232-2

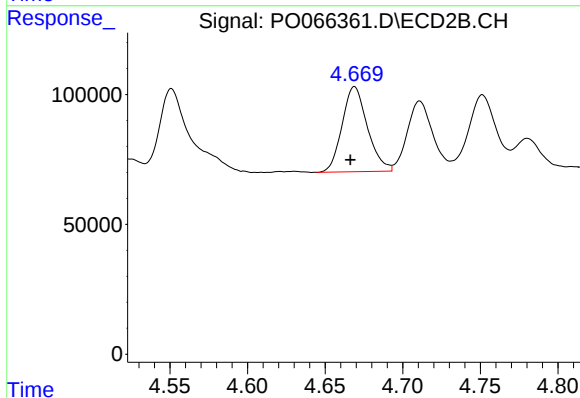
R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 831910
Conc: 786.41 ng/ml



#13 AR-1232-3

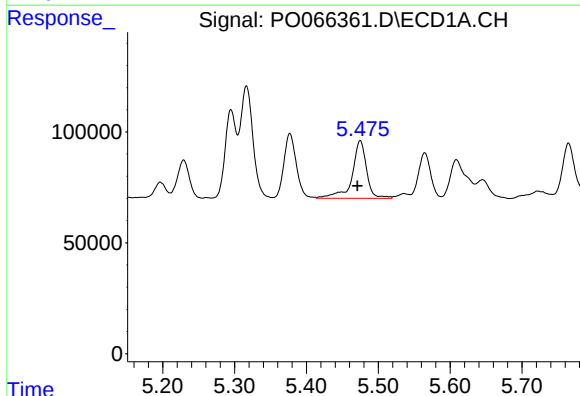
R.T.: 5.317 min
Delta R.T.: 0.003 min
Response: 616096
Conc: 906.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



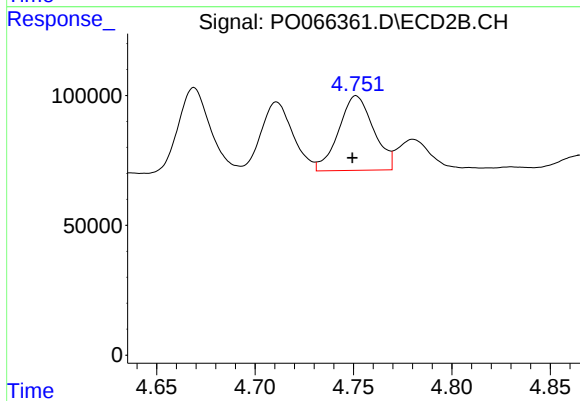
#13 AR-1232-3

R.T.: 4.669 min
Delta R.T.: 0.003 min
Response: 372695
Conc: 791.43 ng/ml



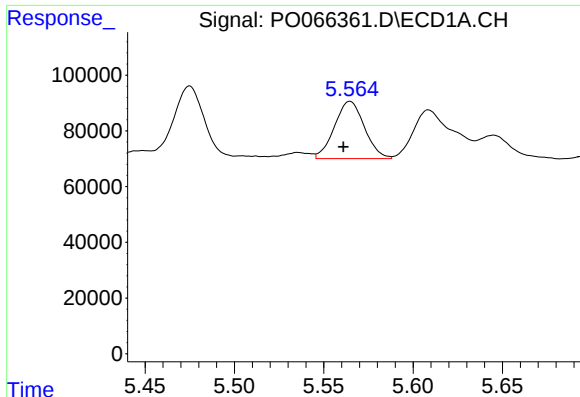
#14 AR-1232-4

R.T.: 5.475 min
Delta R.T.: 0.004 min
Response: 362237
Conc: 1064.02 ng/ml



#14 AR-1232-4

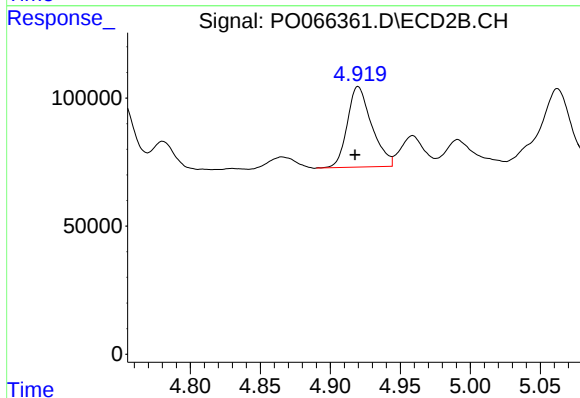
R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 354908
Conc: 887.27 ng/ml



#15 AR-1232-5

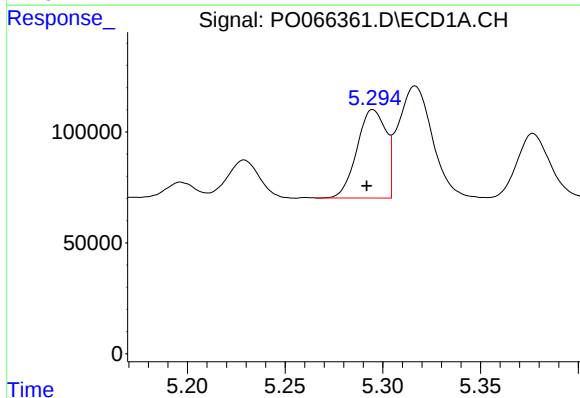
R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 240833
Conc: 995.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



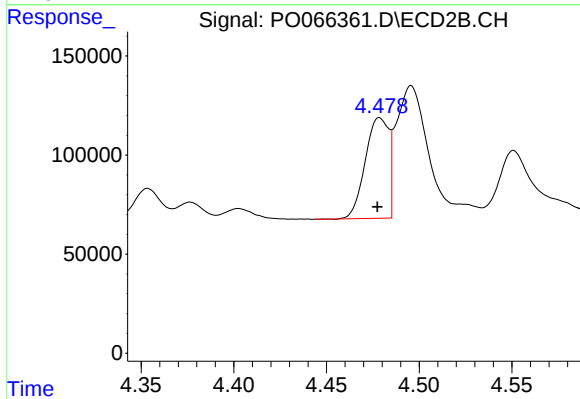
#15 AR-1232-5

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 380156
Conc: 840.57 ng/ml



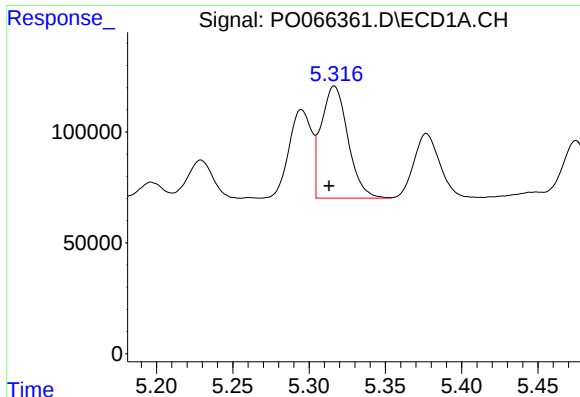
#16 AR-1242-1

R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 410964
Conc: 479.88 ng/ml



#16 AR-1242-1

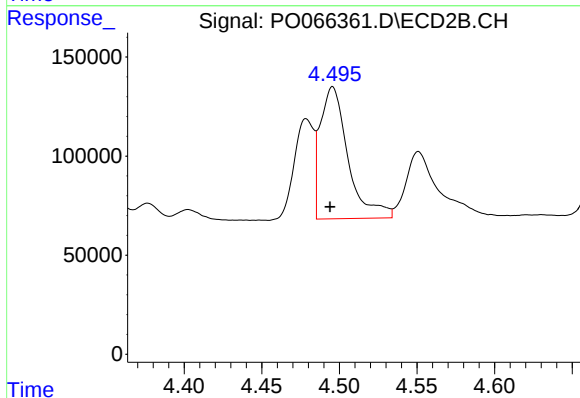
R.T.: 4.479 min
Delta R.T.: 0.001 min
Response: 446975
Conc: 430.31 ng/ml



#17 AR-1242-2

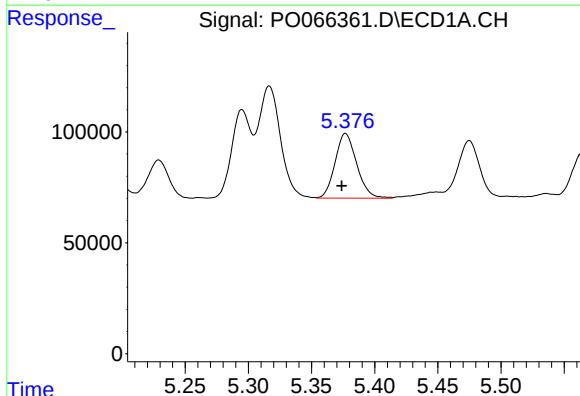
R.T.: 5.317 min
Delta R.T.: 0.003 min
Response: 616096
Conc: 467.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



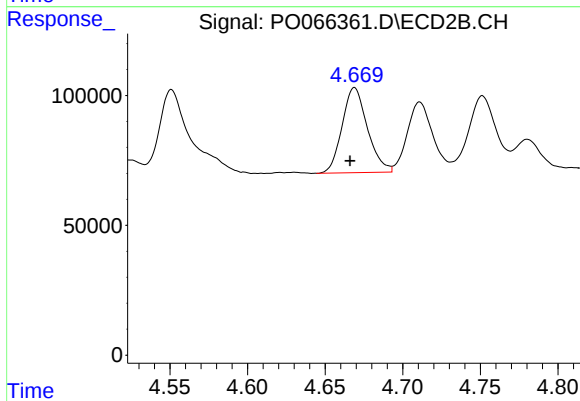
#17 AR-1242-2

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 831910
Conc: 419.14 ng/ml



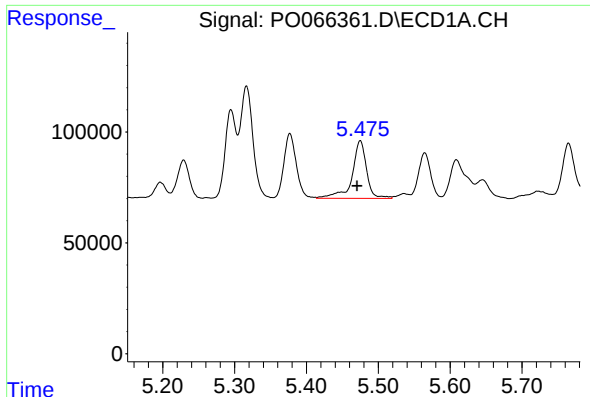
#18 AR-1242-3

R.T.: 5.377 min
Delta R.T.: 0.003 min
Response: 347096
Conc: 443.44 ng/ml



#18 AR-1242-3

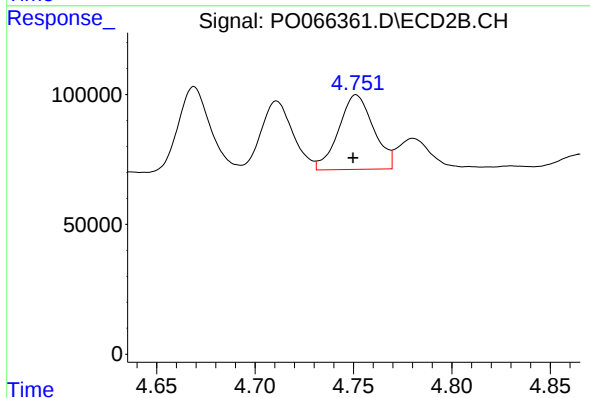
R.T.: 4.669 min
Delta R.T.: 0.003 min
Response: 372695
Conc: 418.82 ng/ml



#19 AR-1242-4

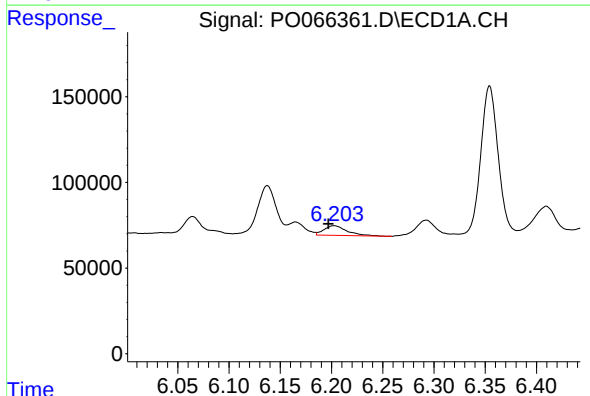
R.T.: 5.475 min
Delta R.T.: 0.004 min
Response: 362237
Conc: 555.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



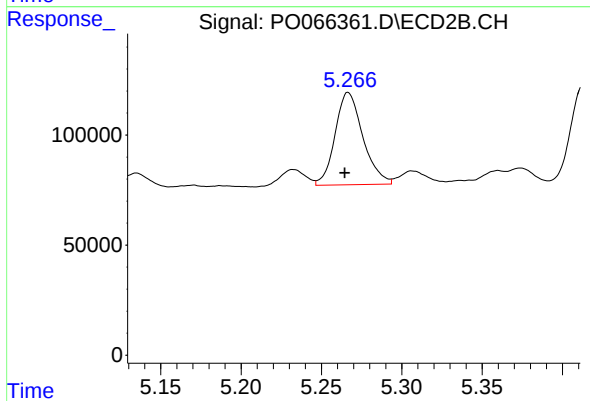
#19 AR-1242-4

R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 354908
Conc: 408.59 ng/ml



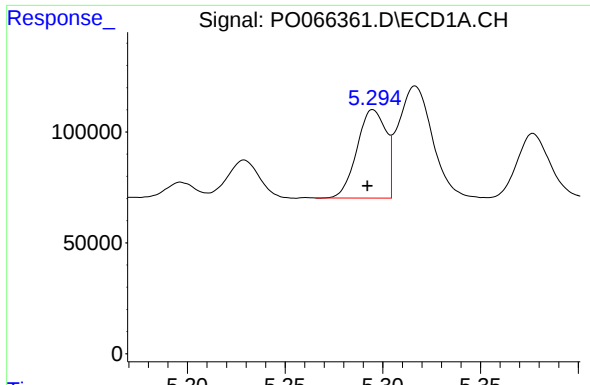
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: 0.005 min
Response: 88648
Conc: 109.78 ng/ml



#20 AR-1242-5

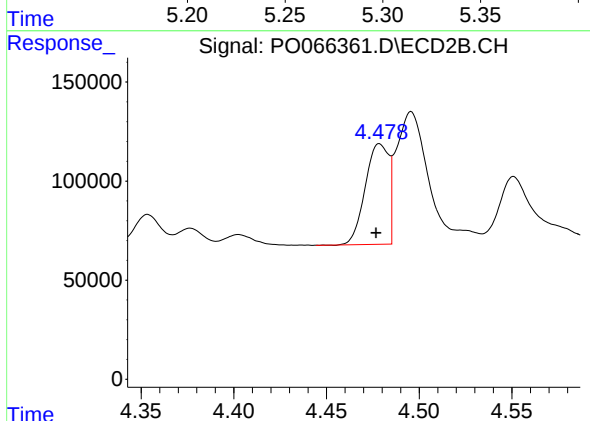
R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 505803
Conc: 385.49 ng/ml



#21 AR-1248-1

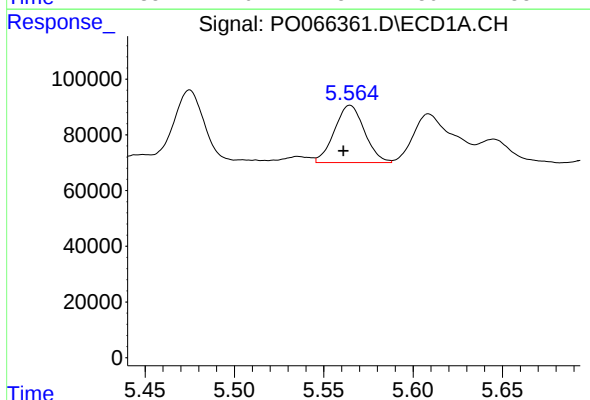
R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 410964
Conc: 600.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



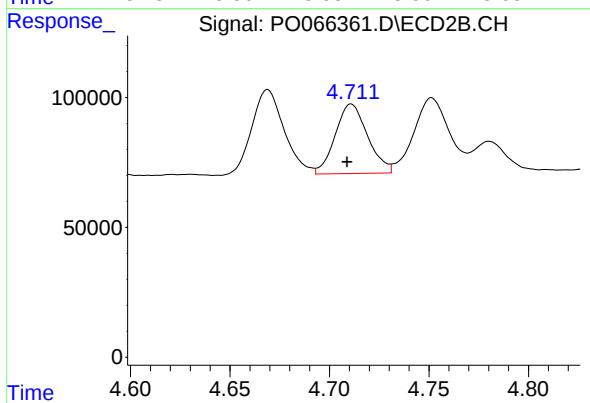
#21 AR-1248-1

R.T.: 4.479 min
Delta R.T.: 0.002 min
Response: 446975
Conc: 549.70 ng/ml



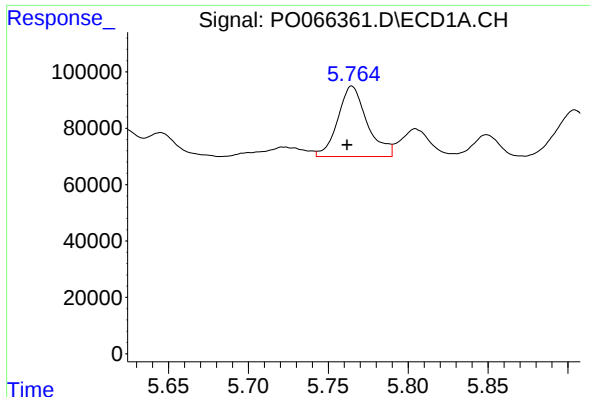
#22 AR-1248-2

R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 240833
Conc: 256.54 ng/ml



#22 AR-1248-2

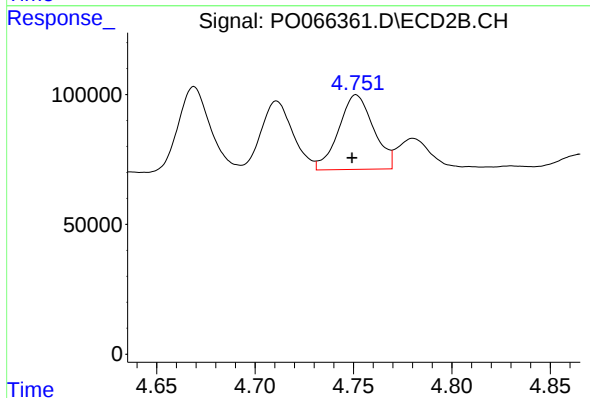
R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 303617
Conc: 240.68 ng/ml



#23 AR-1248-3

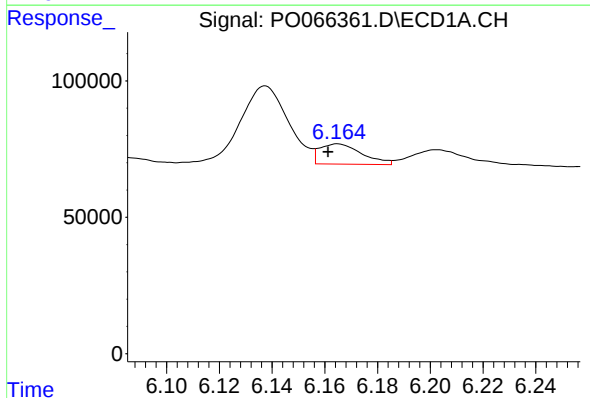
R.T.: 5.765 min
Delta R.T.: 0.003 min
Response: 319548
Conc: 277.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



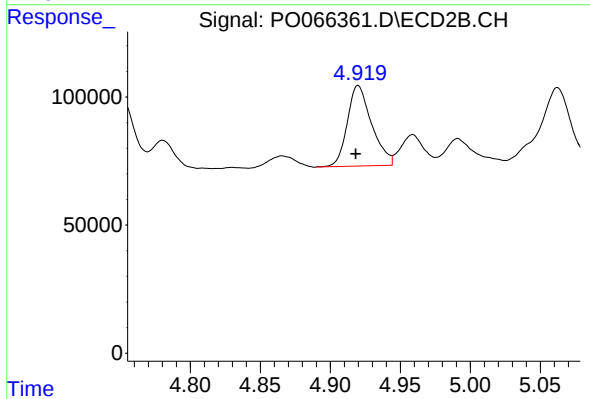
#23 AR-1248-3

R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 354908
Conc: 276.70 ng/ml



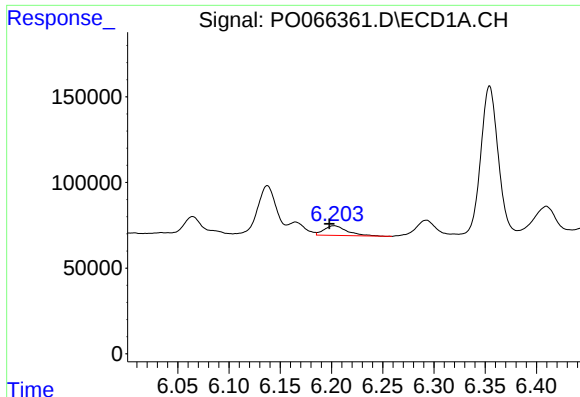
#24 AR-1248-4

R.T.: 6.165 min
Delta R.T.: 0.004 min
Response: 82621
Conc: 56.06 ng/ml



#24 AR-1248-4

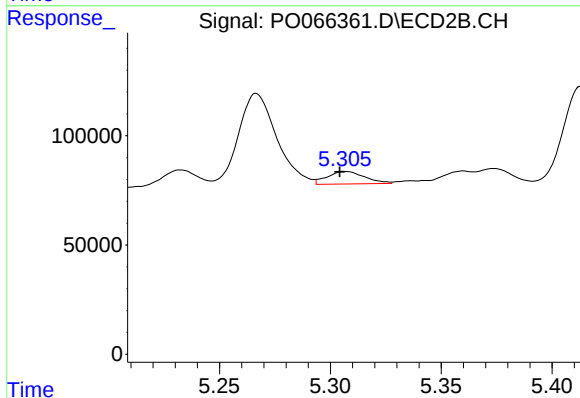
R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 380156
Conc: 238.18 ng/ml



#25 AR-1248-5

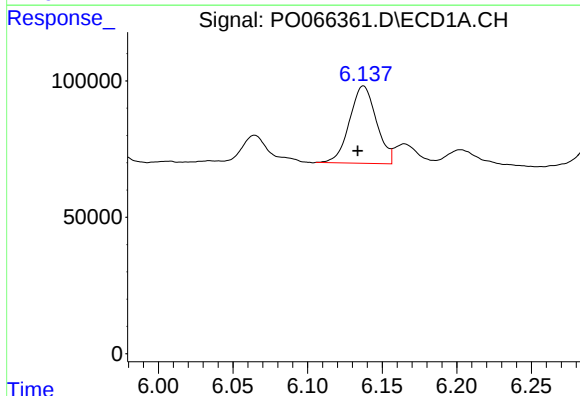
R.T.: 6.203 min
Delta R.T.: 0.004 min
Response: 88648
Conc: 63.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



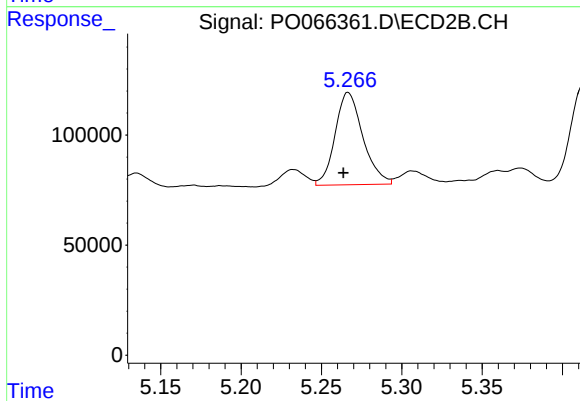
#25 AR-1248-5

R.T.: 5.307 min
Delta R.T.: 0.002 min
Response: 67955
Conc: 38.22 ng/ml



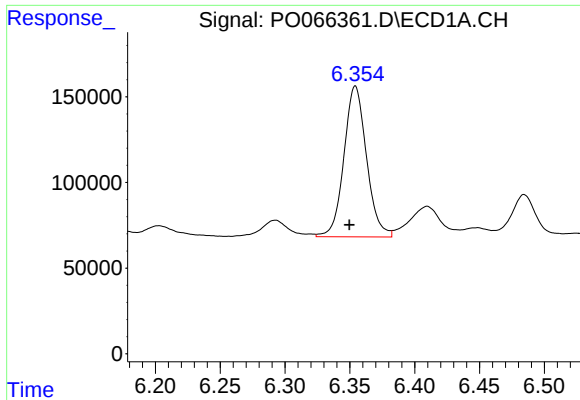
#26 AR-1254-1

R.T.: 6.137 min
Delta R.T.: 0.004 min
Response: 354858
Conc: 243.98 ng/ml



#26 AR-1254-1

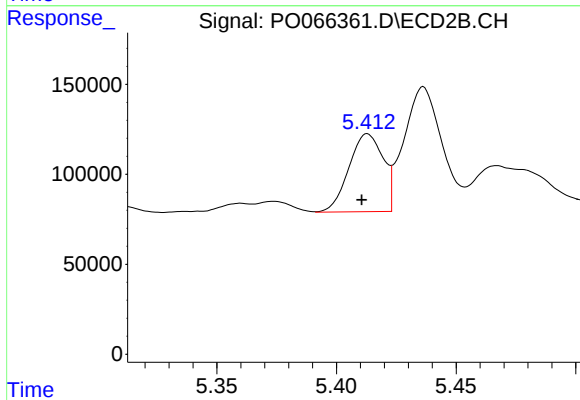
R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 505803
Conc: 181.32 ng/ml



#27 AR-1254-2

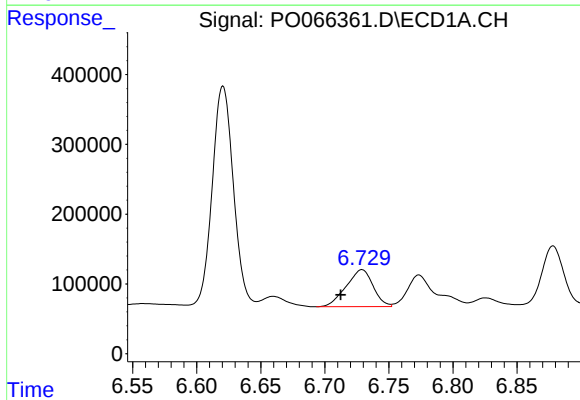
R.T.: 6.354 min
Delta R.T.: 0.004 min
Response: 1068611
Conc: 435.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



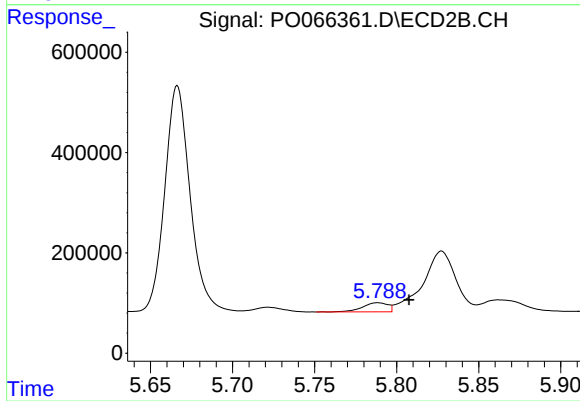
#27 AR-1254-2

R.T.: 5.413 min
Delta R.T.: 0.002 min
Response: 430087
Conc: 164.69 ng/ml



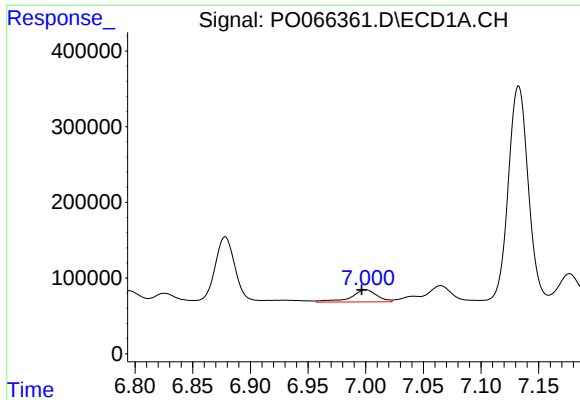
#28 AR-1254-3

R.T.: 6.729 min
Delta R.T.: 0.017 min
Response: 778265
Conc: 289.01 ng/ml



#28 AR-1254-3

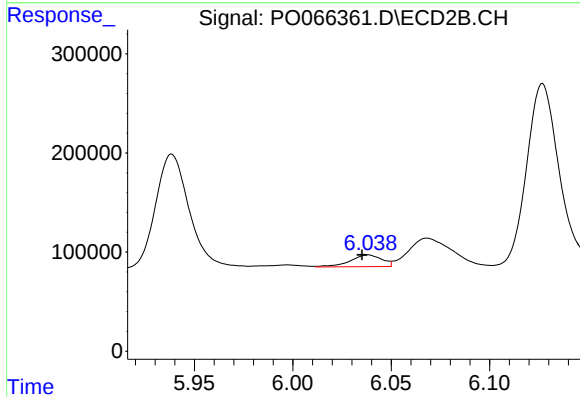
R.T.: 5.789 min
Delta R.T.: -0.019 min
Response: 195342
Conc: 45.87 ng/ml



#29 AR-1254-4

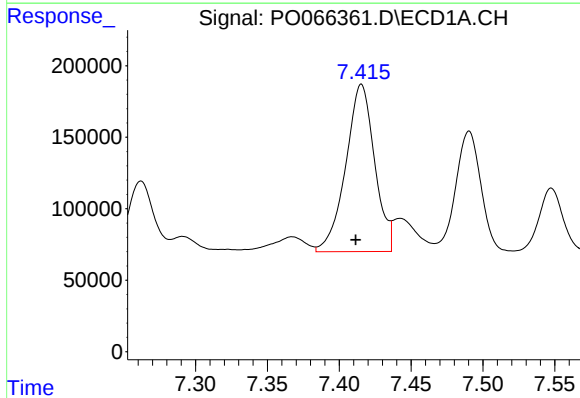
R.T.: 7.000 min
Delta R.T.: 0.003 min
Response: 253683
Conc: 109.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



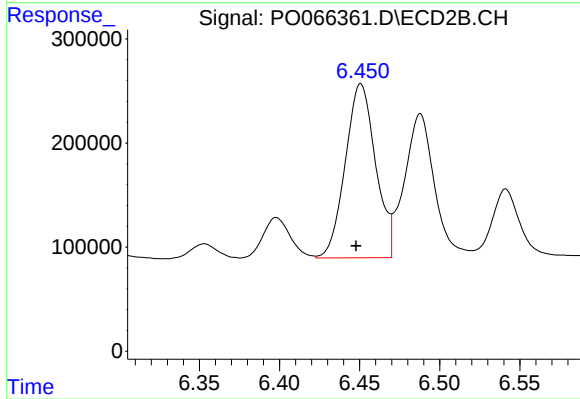
#29 AR-1254-4

R.T.: 6.038 min
Delta R.T.: 0.003 min
Response: 131050
Conc: 42.76 ng/ml



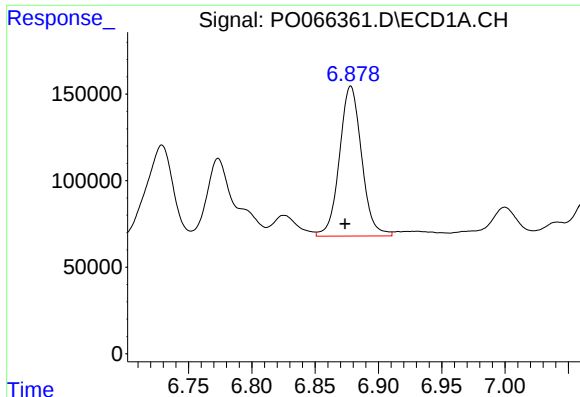
#30 AR-1254-5

R.T.: 7.415 min
Delta R.T.: 0.004 min
Response: 1635872
Conc: 696.15 ng/ml



#30 AR-1254-5

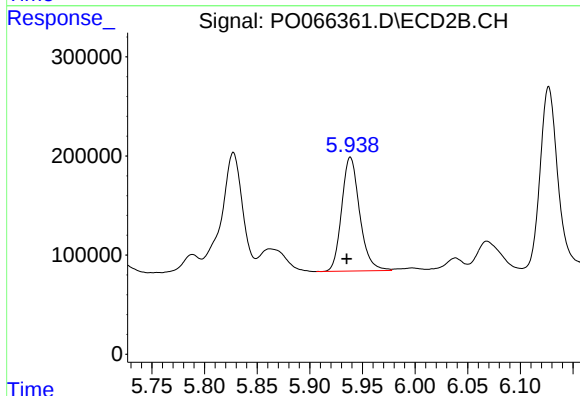
R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 2201653
Conc: 500.61 ng/ml



#31 AR-1260-1

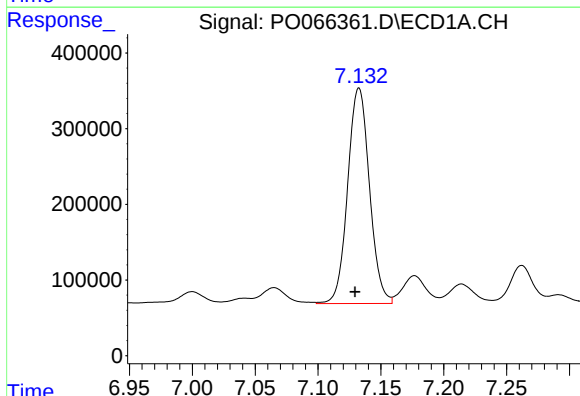
R.T.: 6.878 min
Delta R.T.: 0.005 min
Response: 1055515
Conc: 495.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



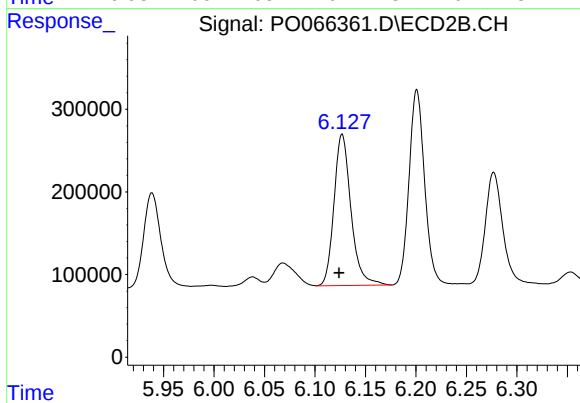
#31 AR-1260-1

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 1366542
Conc: 412.98 ng/ml



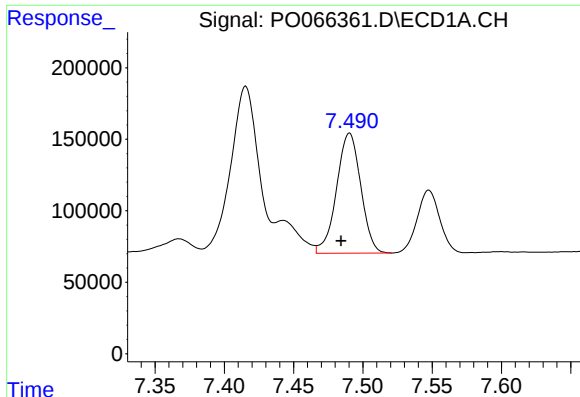
#32 AR-1260-2

R.T.: 7.133 min
Delta R.T.: 0.003 min
Response: 3436345
Conc: 1117.51 ng/ml



#32 AR-1260-2

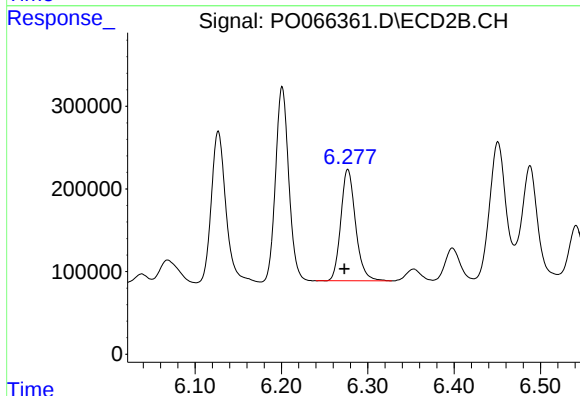
R.T.: 6.127 min
Delta R.T.: 0.003 min
Response: 2142058
Conc: 416.45 ng/ml



#33 AR-1260-3

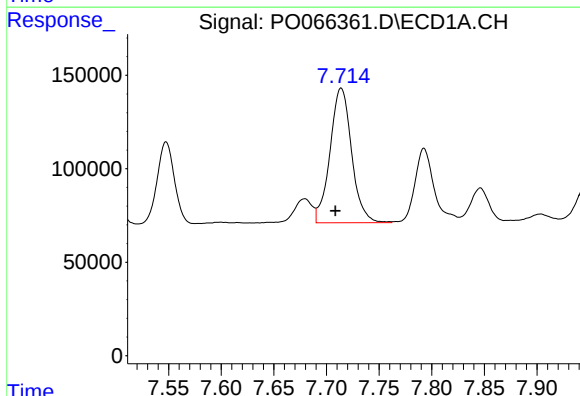
R.T.: 7.490 min
Delta R.T.: 0.006 min
Response: 1021146
Conc: 387.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



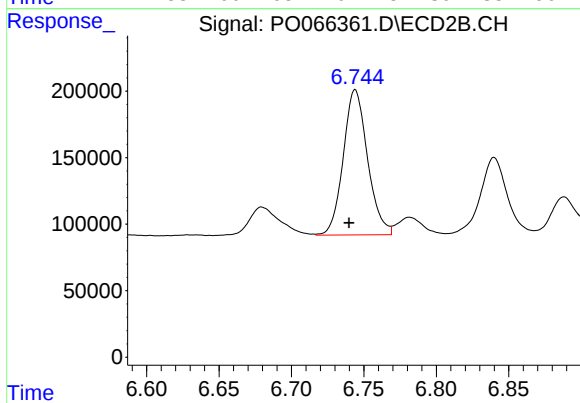
#33 AR-1260-3

R.T.: 6.277 min
Delta R.T.: 0.004 min
Response: 1599089
Conc: 407.98 ng/ml



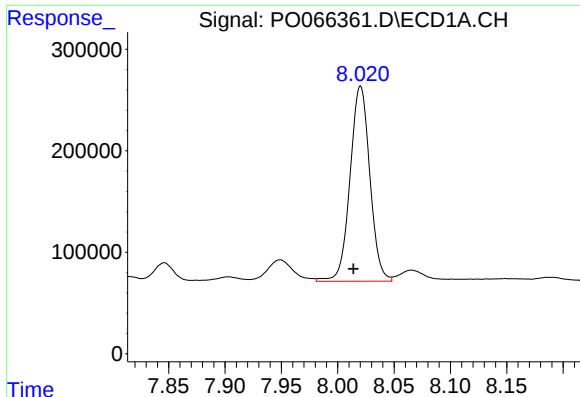
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: 0.005 min
Response: 1030985
Conc: 413.94 ng/ml



#34 AR-1260-4

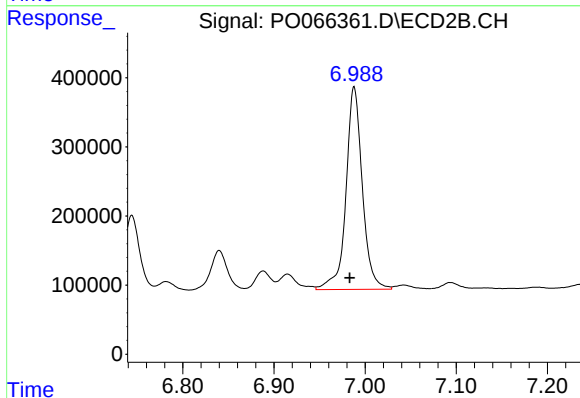
R.T.: 6.744 min
Delta R.T.: 0.004 min
Response: 1276658
Conc: 352.41 ng/ml



#35 AR-1260-5

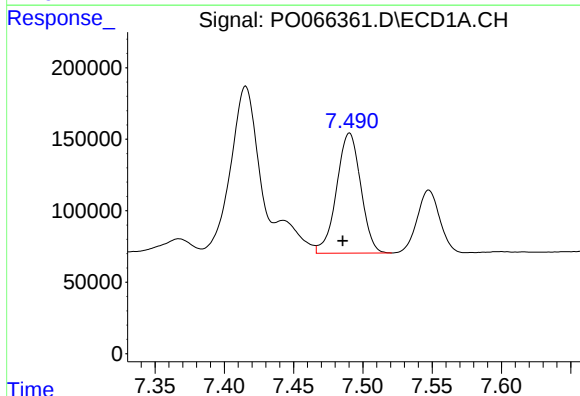
R.T.: 8.020 min
Delta R.T.: 0.006 min
Response: 2355209
Conc: 417.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



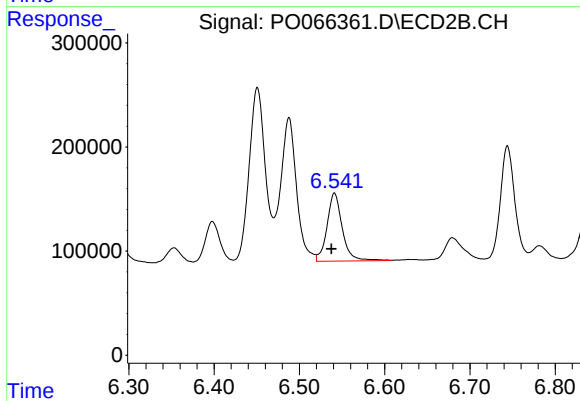
#35 AR-1260-5

R.T.: 6.988 min
Delta R.T.: 0.005 min
Response: 3665426
Conc: 381.23 ng/ml



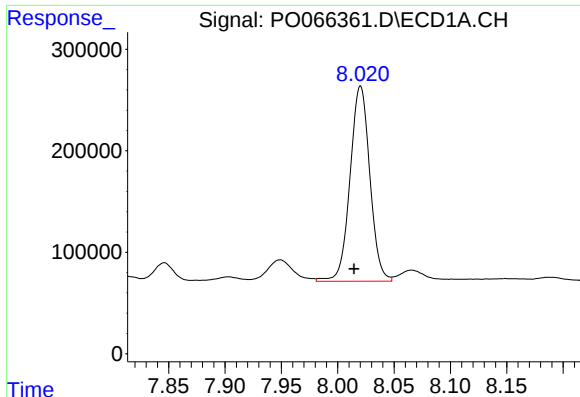
#36 AR-1262-1

R.T.: 7.490 min
Delta R.T.: 0.005 min
Response: 1021146
Conc: 295.62 ng/ml



#36 AR-1262-1

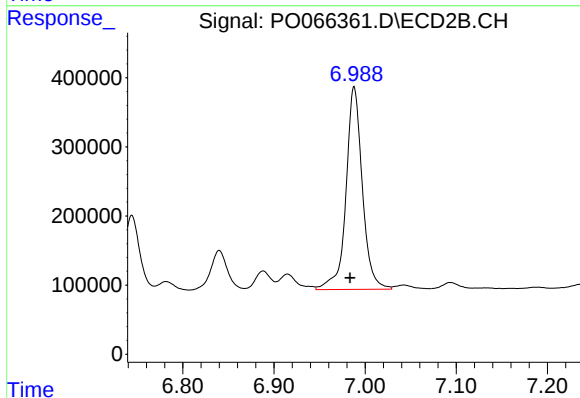
R.T.: 6.541 min
Delta R.T.: 0.004 min
Response: 814680
Conc: 340.67 ng/ml



#37 AR-1262-2

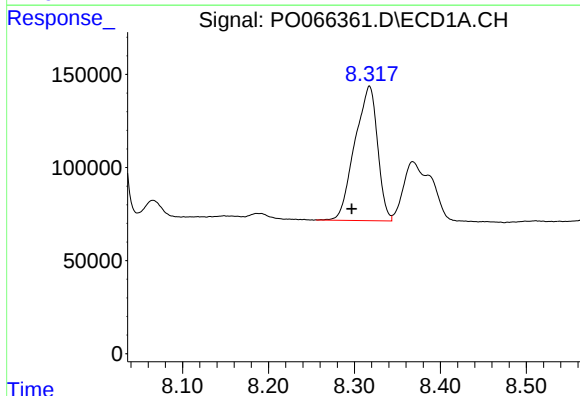
R.T.: 8.020 min
Delta R.T.: 0.006 min
Response: 2355209
Conc: 406.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



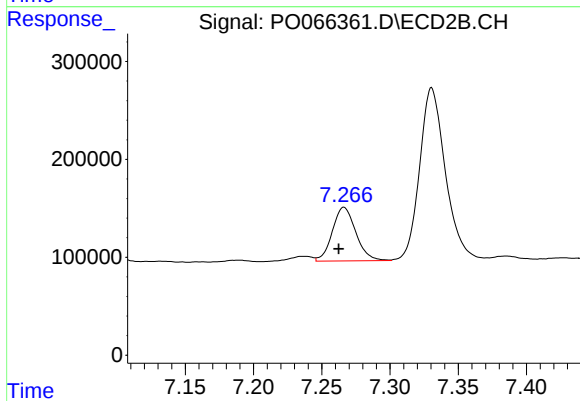
#37 AR-1262-2

R.T.: 6.988 min
Delta R.T.: 0.004 min
Response: 3665426
Conc: 367.48 ng/ml



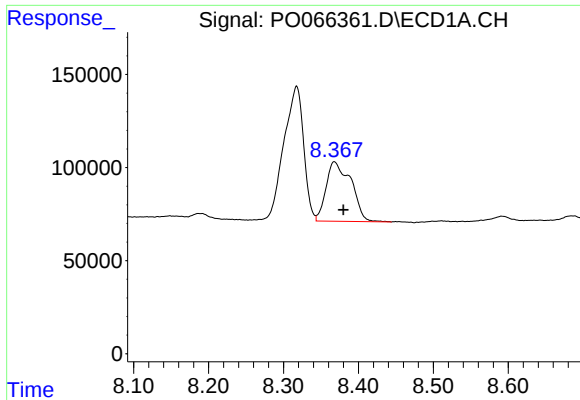
#38 AR-1262-3

R.T.: 8.318 min
Delta R.T.: 0.021 min
Response: 1327907
Conc: 360.50 ng/ml



#38 AR-1262-3

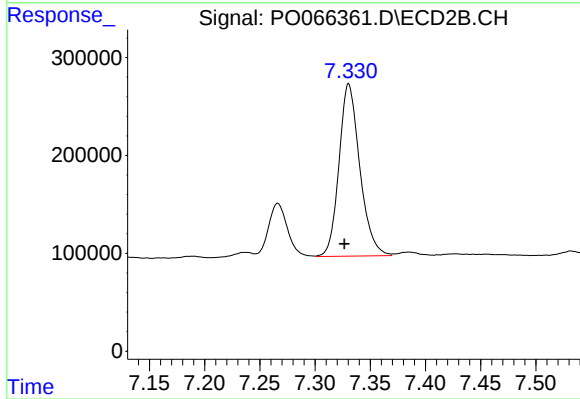
R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 657472
Conc: 171.66 ng/ml



#39 AR-1262-4

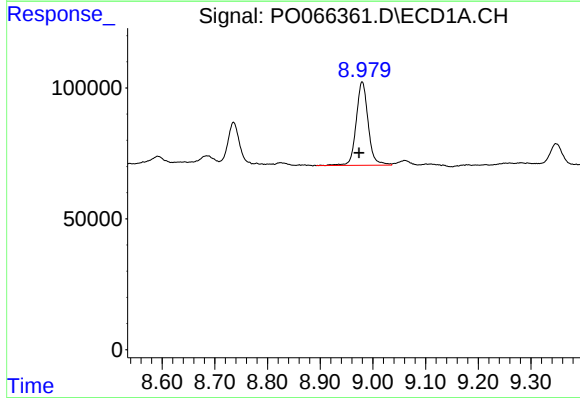
R.T.: 8.368 min
Delta R.T.: -0.012 min
Response: 739840
Conc: 266.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



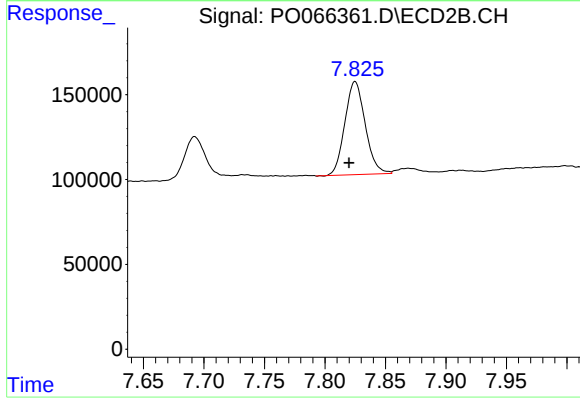
#39 AR-1262-4

R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 2310116
Conc: 360.90 ng/ml



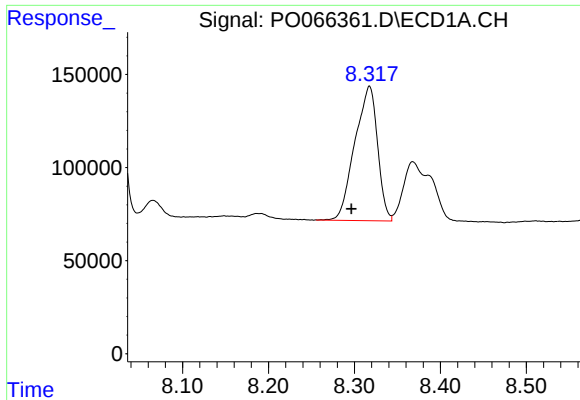
#40 AR-1262-5

R.T.: 8.980 min
Delta R.T.: 0.006 min
Response: 505295
Conc: 284.48 ng/ml



#40 AR-1262-5

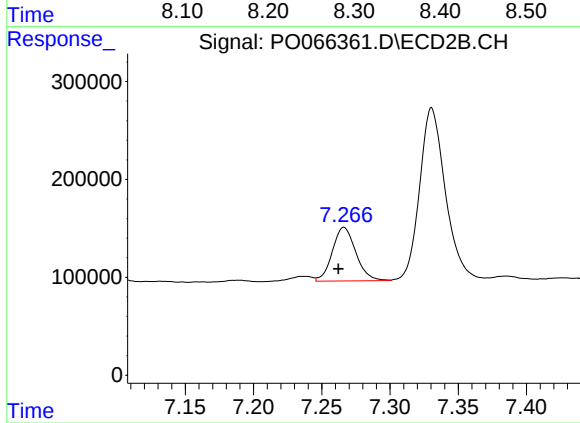
R.T.: 7.825 min
Delta R.T.: 0.005 min
Response: 644800
Conc: 236.76 ng/ml



#41 AR-1268-1

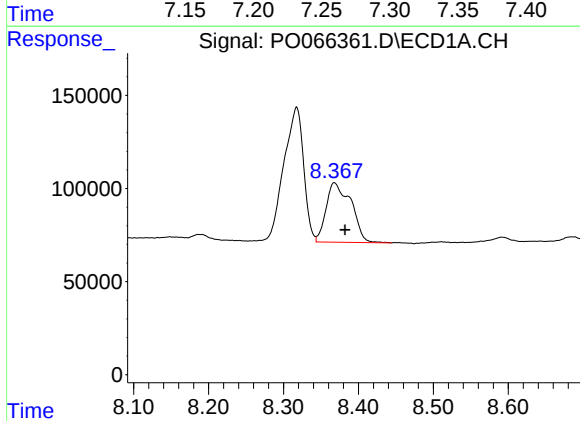
R.T.: 8.318 min
Delta R.T.: 0.021 min
Response: 1327907
Conc: 180.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



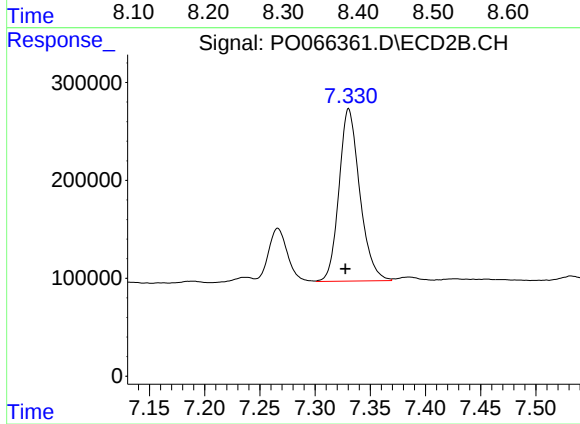
#41 AR-1268-1

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 657472
Conc: 52.87 ng/ml



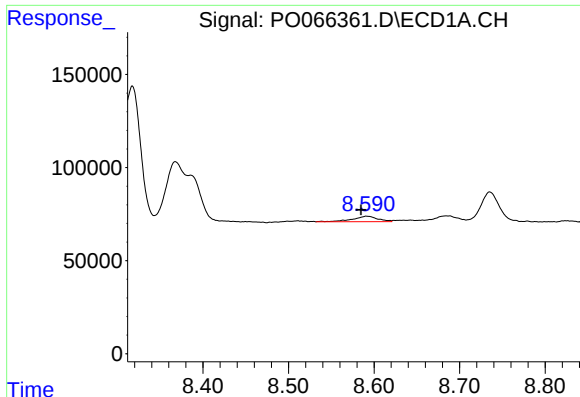
#42 AR-1268-2

R.T.: 8.368 min
Delta R.T.: -0.014 min
Response: 739840
Conc: 118.81 ng/ml



#42 AR-1268-2

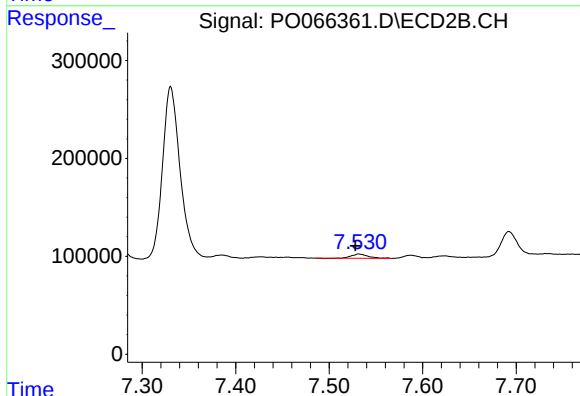
R.T.: 7.330 min
Delta R.T.: 0.003 min
Response: 2310116
Conc: 218.89 ng/ml



#43 AR-1268-3

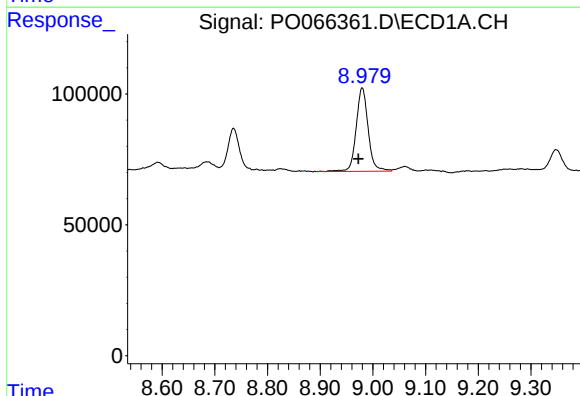
R.T.: 8.591 min
Delta R.T.: 0.007 min
Response: 61242
Conc: 11.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



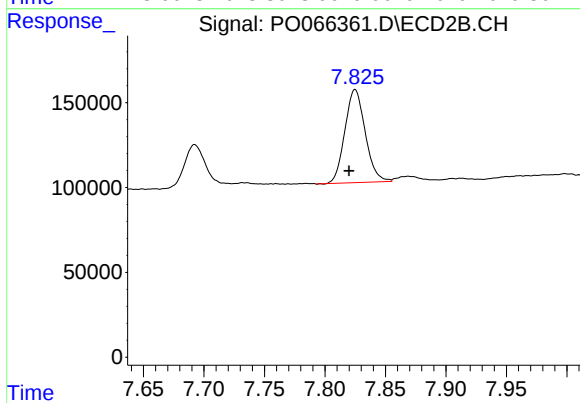
#43 AR-1268-3

R.T.: 7.532 min
Delta R.T.: 0.004 min
Response: 53634
Conc: 6.13 ng/ml



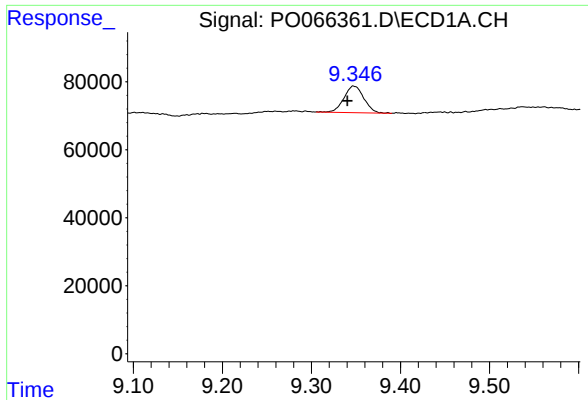
#44 AR-1268-4

R.T.: 8.980 min
Delta R.T.: 0.007 min
Response: 505295
Conc: 235.70 ng/ml



#44 AR-1268-4

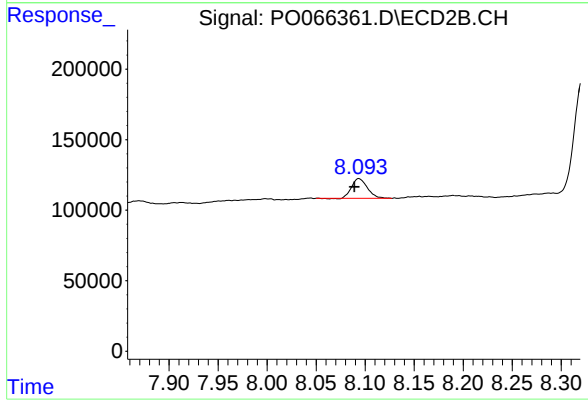
R.T.: 7.825 min
Delta R.T.: 0.005 min
Response: 644800
Conc: 197.73 ng/ml



#45 AR-1268-5

R.T.: 9.348 min
Delta R.T.: 0.007 min
Response: 122051
Conc: 7.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.094 min
Delta R.T.: 0.005 min
Response: 155988
Conc: 6.60 ng/ml