

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041524\
 Data File : PR066163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2024 10:05
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603323

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 21:28:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032824CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 29 09:20:42 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.667	2.918	154.0E6	166.7E6	17.628	18.870
2)	SA Decachlor...	9.558	8.172	92335708	164.2E6	35.598	39.639
Target Compounds							
3)	L1 AR-1016-1	4.889	4.034	77595314	101.4E6	322.526	341.610
4)	L1 AR-1016-2	4.911	4.051	119.6E6	146.7E6	327.605	349.654
5)	L1 AR-1016-3	4.976	4.230	77781285	80663453	332.846	349.761
6)	L1 AR-1016-4	5.077	4.281	61812727	62719937	329.601	351.086
7)	L1 AR-1016-5	5.393	4.497	62720016	83730150	330.455	346.688
8)	L2 AR-1221-1	3.885	3.143	9683861	11613634	105.816	121.171
9)	L2 AR-1221-2	3.978	3.230	12067838	15142152	193.500	220.625
10)	L2 AR-1221-3	4.056	3.306	50184531	56356269	243.101	249.952
11)	L3 AR-1232-1	4.056	3.306	50184531	56356269	287.634	293.121
12)	L3 AR-1232-2	4.604	4.051	70482888	146.7E6	742.504	779.665
13)	L3 AR-1232-3	4.911	4.230	119.6E6	80663453	742.319	791.483
14)	L3 AR-1232-4	5.077	4.322	61812727	74689682	754.942	843.038
15)	L3 AR-1232-5	5.181	4.497	52275777	83730150	848.772	836.801
16)	L4 AR-1242-1	4.889	4.034	77595314	101.4E6	417.984	424.134
17)	L4 AR-1242-2	4.911	4.051	119.6E6	146.7E6	432.516	444.810
18)	L4 AR-1242-3	4.976	4.230	77781285	80663453	435.402	441.364
19)	L4 AR-1242-4	5.077	4.322	61812727	74689682	432.617	427.164
20)	L4 AR-1242-5	5.866	4.867	15862567	81165142	117.479	374.108 #
21)	L5 AR-1248-1	4.889	4.034	77595314	101.4E6	550.185	556.208
22)	L5 AR-1248-2	5.181	4.281	52275777	62719937	246.737	247.246
23)	L5 AR-1248-3	5.393	4.322	62720016	74689682	257.862	288.375
24)	L5 AR-1248-4	5.826	4.497	18395863	83730150	78.934	265.505 #
25)	L5 AR-1248-5	5.866	4.909	15862567	20141738	67.421	67.655
26)	L6 AR-1254-1	5.797	4.867	52142801	81165142	195.138	176.285
27)	L6 AR-1254-2	6.034	5.025	46291902	59273439	117.500	145.687
28)	L6 AR-1254-3	6.424	5.467	19004165	114.0E6	49.680	175.602 #
29)	L6 AR-1254-4	6.734	5.693	12418994	9279349	53.115	24.495 #
30)	L6 AR-1254-5	7.189	6.137	126.5E6	223.7E6	496.440	395.591
31)	L7 AR-1260-1	6.605	5.587	106.9E6	169.6E6	309.190	349.362
32)	L7 AR-1260-2	6.888	5.792	112.6E6	202.0E6	308.918	351.545
33)	L7 AR-1260-3	7.276	5.950	91871687	185.8E6	344.620	367.078
34)	L7 AR-1260-4	7.518	6.457	101.0E6	162.6E6	368.409	348.756
35)	L7 AR-1260-5	7.854	6.721	173.4E6	353.9E6	371.482	367.917
36)	L8 AR-1262-1	7.276	6.181	91871687	171.7E6	281.129	286.258
37)	L8 AR-1262-2	7.854	6.721	173.4E6	353.9E6	394.883	396.299
38)	L8 AR-1262-3	8.165	7.094	108.7E6	256.6E6	340.318	396.802
39)	L8 AR-1262-4	8.225	7.094	36547407	256.6E6	145.445	396.802 #
40)	L8 AR-1262-5	8.866	7.632	42302138	90072543	282.702	298.221
41)	L9 AR-1268-1	8.165	7.027	108.7E6	75716129	180.416	61.669 #

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Acq On : 15 Apr 2024 10:05
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

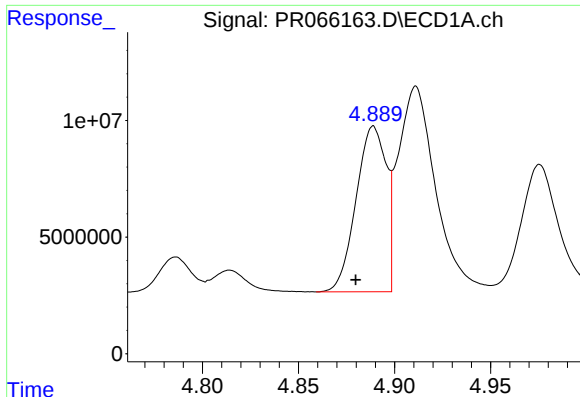
Instrument :
ECD_R
ClientSampleId :
AR16603323

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 21:28:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032824CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 29 09:20:42 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.243	7.094	34134802	256.6E6	63.260	230.548 #
43) L9	AR-1268-3	8.461	7.318	2268966	4214802	4.621	4.223
44) L9	AR-1268-4	8.866	7.632	42302138	90072543	241.504	236.715
45) L9	AR-1268-5	9.249	7.927	12080129	22734360	8.608	8.547

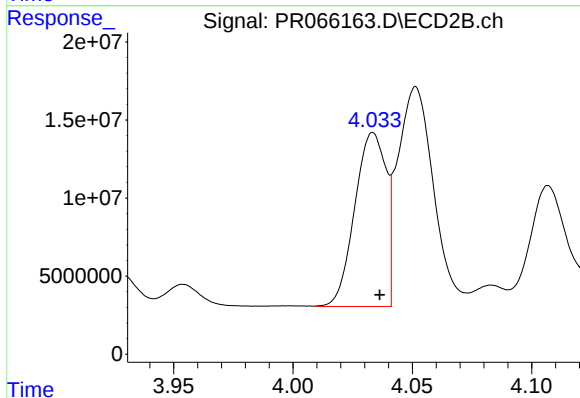
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

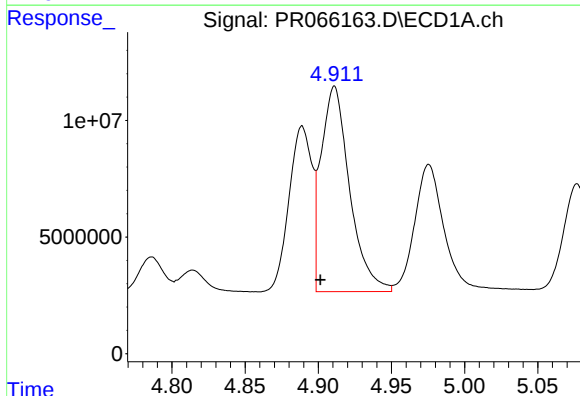
R.T.: 4.889 min
Delta R.T.: 0.009 min
Response: 77595314
Conc: 322.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



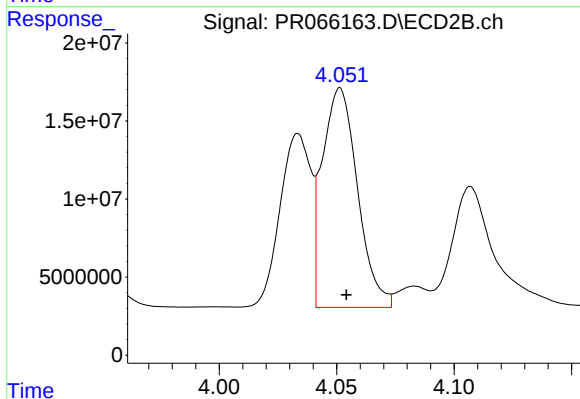
#3 AR-1016-1

R.T.: 4.034 min
Delta R.T.: -0.003 min
Response: 101402614
Conc: 341.61 ng/ml



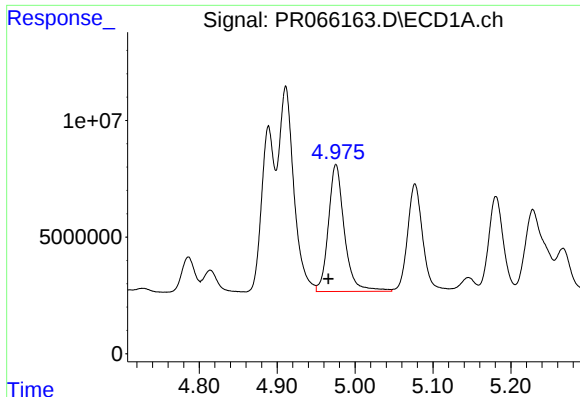
#4 AR-1016-2

R.T.: 4.911 min
Delta R.T.: 0.010 min
Response: 119613013
Conc: 327.61 ng/ml



#4 AR-1016-2

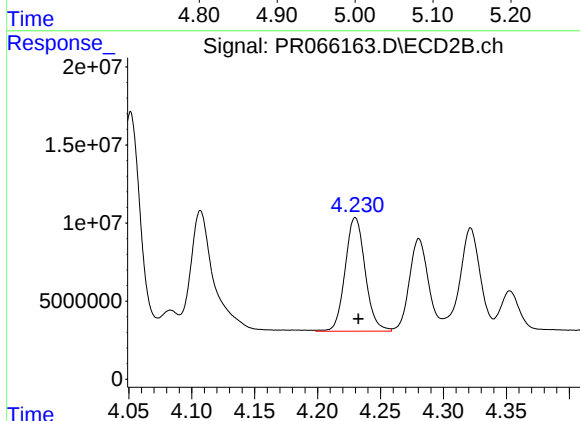
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 146688871
Conc: 349.65 ng/ml



#5 AR-1016-3

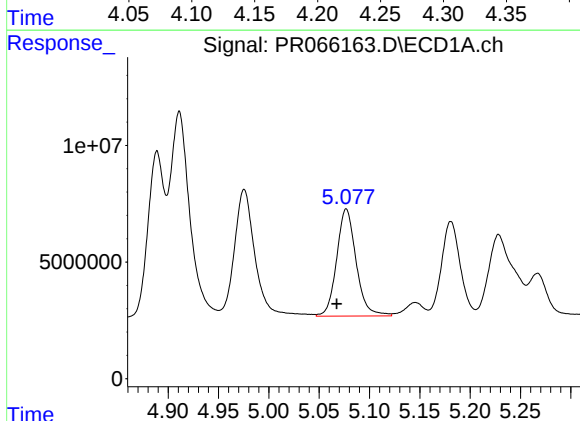
R.T.: 4.976 min
Delta R.T.: 0.010 min
Response: 77781285
Conc: 332.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



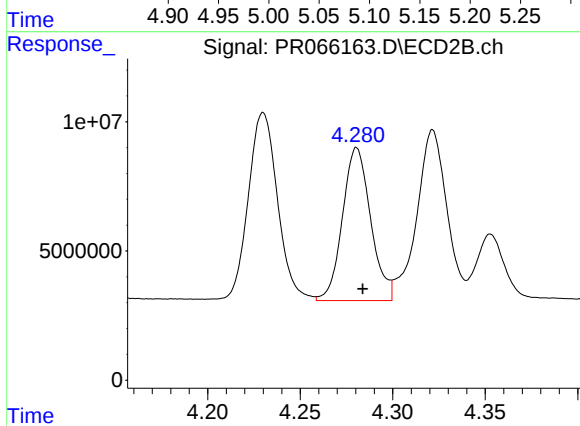
#5 AR-1016-3

R.T.: 4.230 min
Delta R.T.: -0.002 min
Response: 80663453
Conc: 349.76 ng/ml



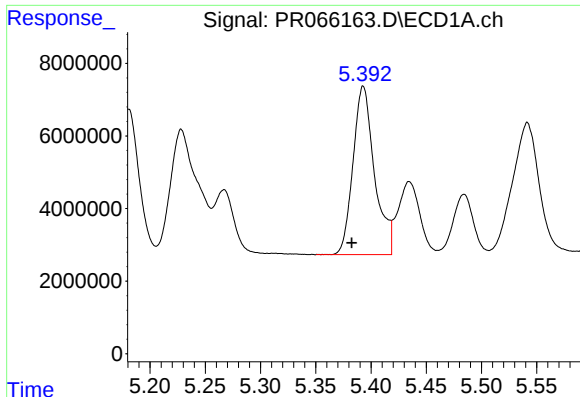
#6 AR-1016-4

R.T.: 5.077 min
Delta R.T.: 0.010 min
Response: 61812727
Conc: 329.60 ng/ml



#6 AR-1016-4

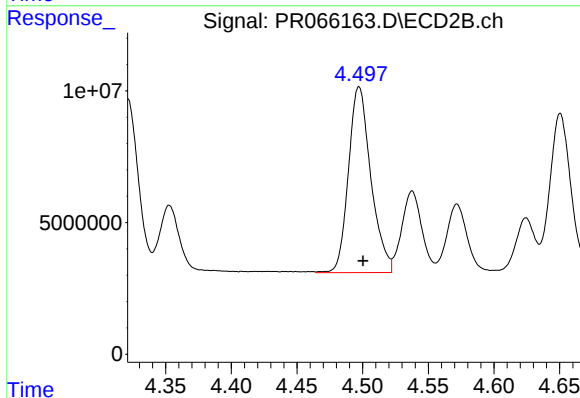
R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 62719937
Conc: 351.09 ng/ml



#7 AR-1016-5

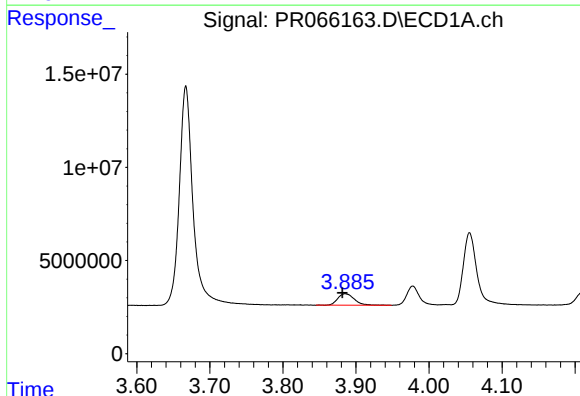
R.T.: 5.393 min
Delta R.T.: 0.010 min
Response: 62720016
Conc: 330.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



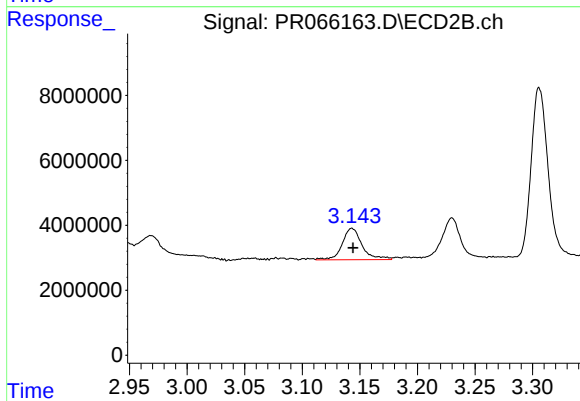
#7 AR-1016-5

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 83730150
Conc: 346.69 ng/ml



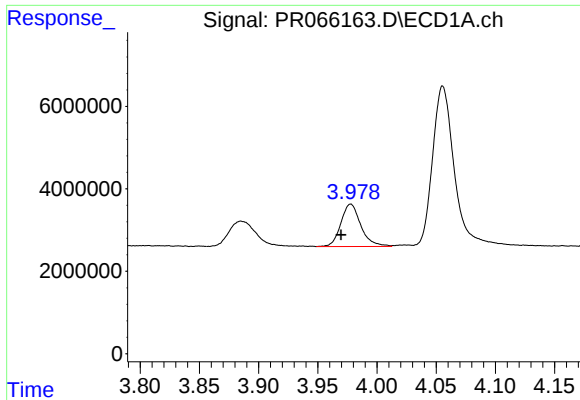
#8 AR-1221-1

R.T.: 3.885 min
Delta R.T.: 0.004 min
Response: 9683861
Conc: 105.82 ng/ml



#8 AR-1221-1

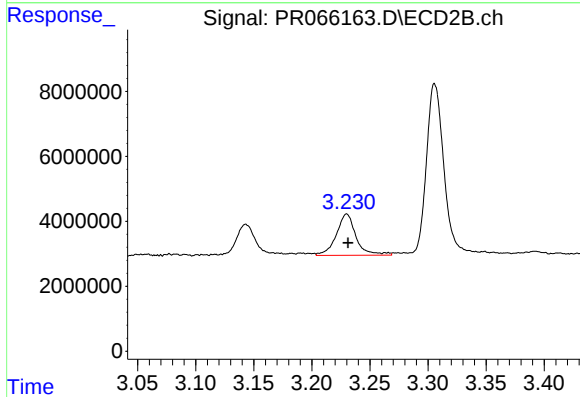
R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 11613634
Conc: 121.17 ng/ml



#9 AR-1221-2

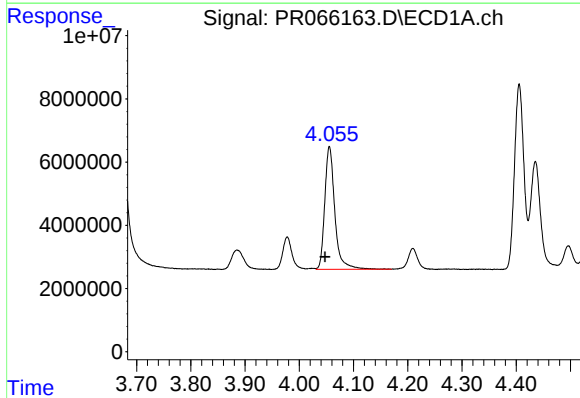
R.T.: 3.978 min
Delta R.T.: 0.008 min
Response: 12067838
Conc: 193.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



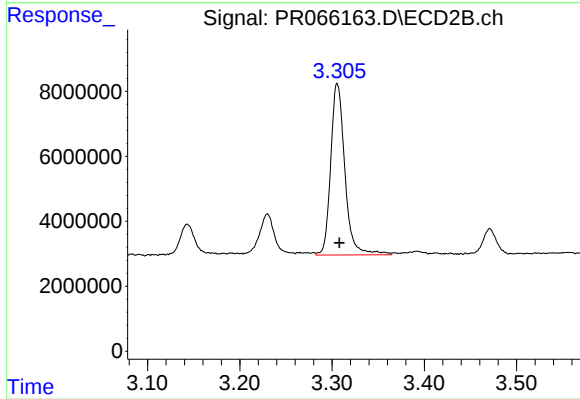
#9 AR-1221-2

R.T.: 3.230 min
Delta R.T.: -0.001 min
Response: 15142152
Conc: 220.62 ng/ml



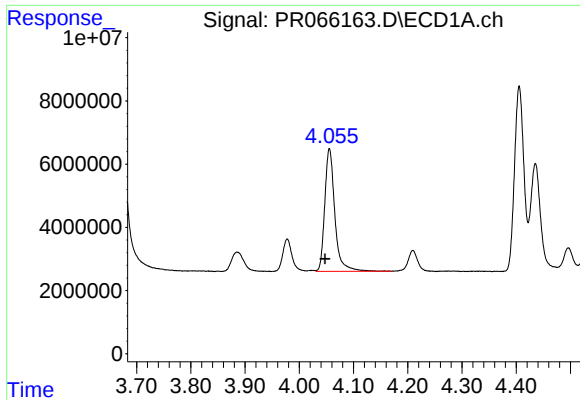
#10 AR-1221-3

R.T.: 4.056 min
Delta R.T.: 0.008 min
Response: 50184531
Conc: 243.10 ng/ml



#10 AR-1221-3

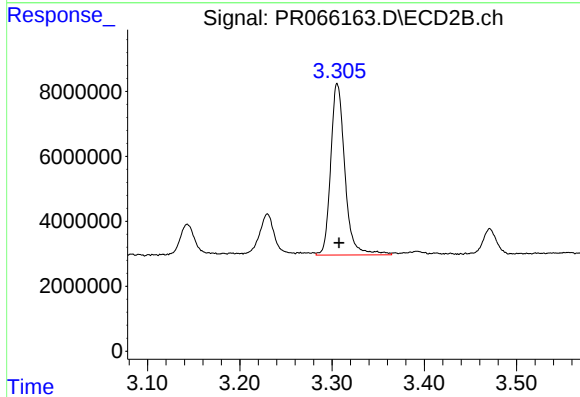
R.T.: 3.306 min
Delta R.T.: -0.002 min
Response: 56356269
Conc: 249.95 ng/ml



#11 AR-1232-1

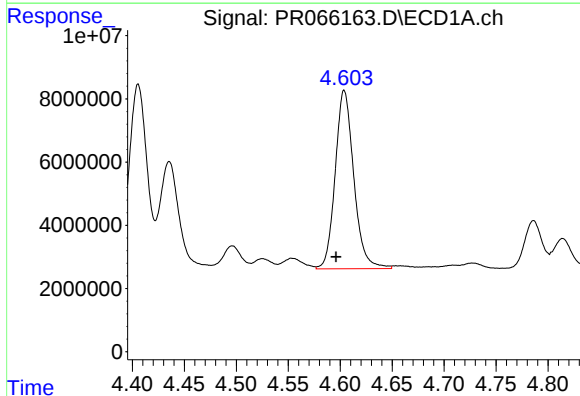
R.T.: 4.056 min
Delta R.T.: 0.008 min
Response: 50184531
Conc: 287.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



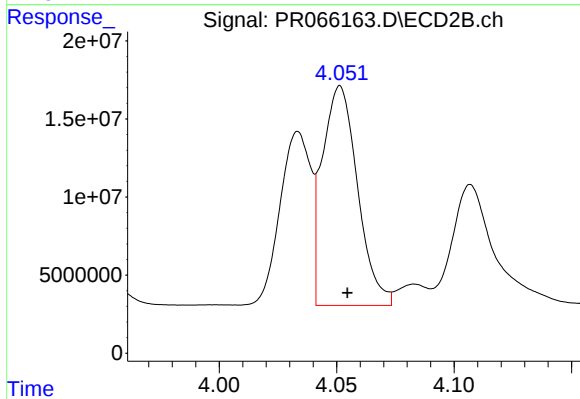
#11 AR-1232-1

R.T.: 3.306 min
Delta R.T.: -0.002 min
Response: 56356269
Conc: 293.12 ng/ml



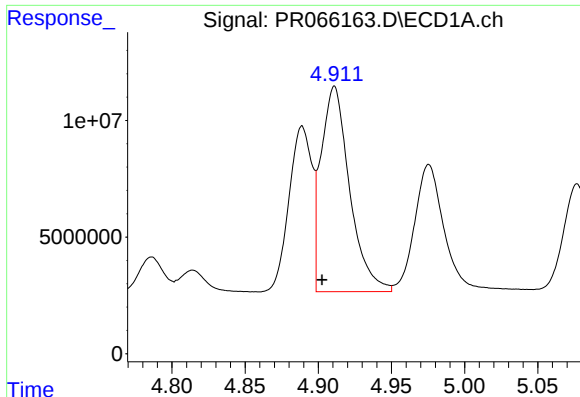
#12 AR-1232-2

R.T.: 4.604 min
Delta R.T.: 0.008 min
Response: 70482888
Conc: 742.50 ng/ml



#12 AR-1232-2

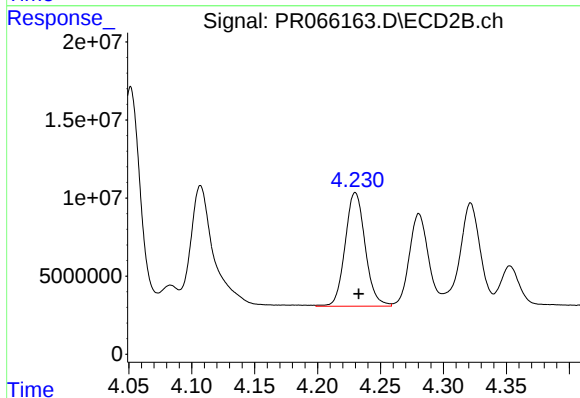
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 146688871
Conc: 779.67 ng/ml



#13 AR-1232-3

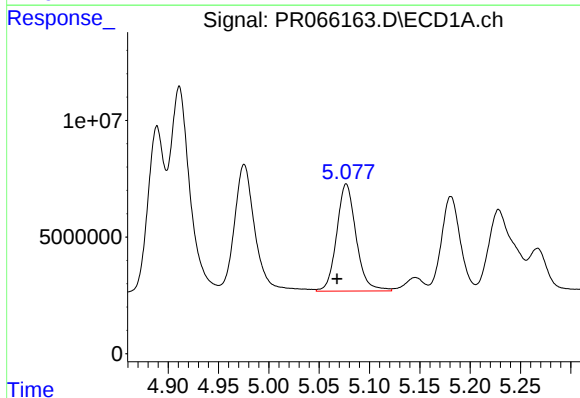
R.T.: 4.911 min
Delta R.T.: 0.008 min
Response: 119613013
Conc: 742.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



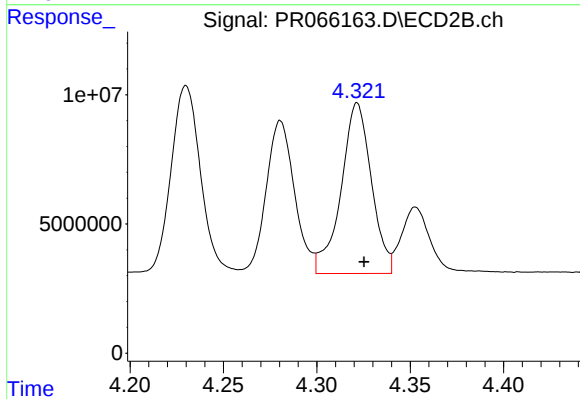
#13 AR-1232-3

R.T.: 4.230 min
Delta R.T.: -0.003 min
Response: 80663453
Conc: 791.48 ng/ml



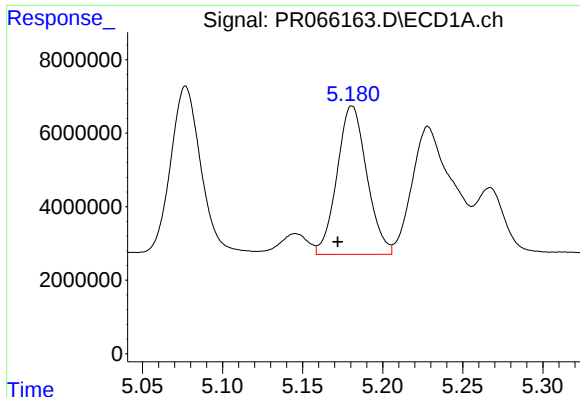
#14 AR-1232-4

R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 61812727
Conc: 754.94 ng/ml



#14 AR-1232-4

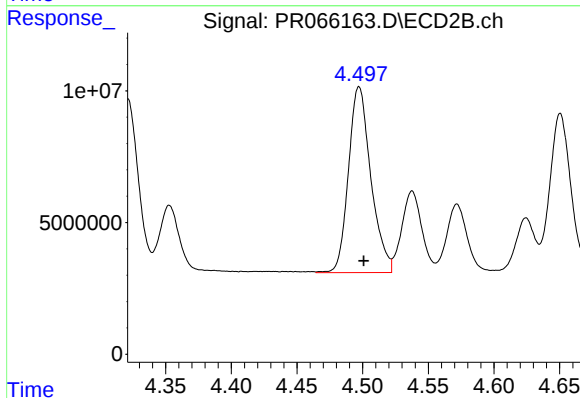
R.T.: 4.322 min
Delta R.T.: -0.004 min
Response: 74689682
Conc: 843.04 ng/ml



#15 AR-1232-5

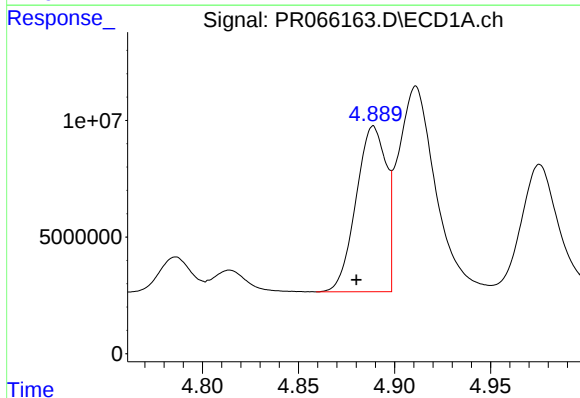
R.T.: 5.181 min
Delta R.T.: 0.009 min
Response: 52275777
Conc: 848.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



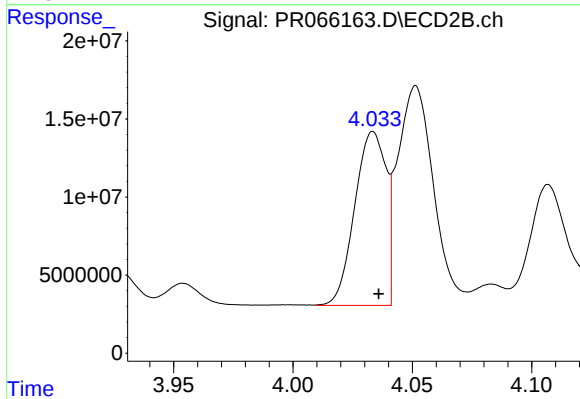
#15 AR-1232-5

R.T.: 4.497 min
Delta R.T.: -0.004 min
Response: 83730150
Conc: 836.80 ng/ml



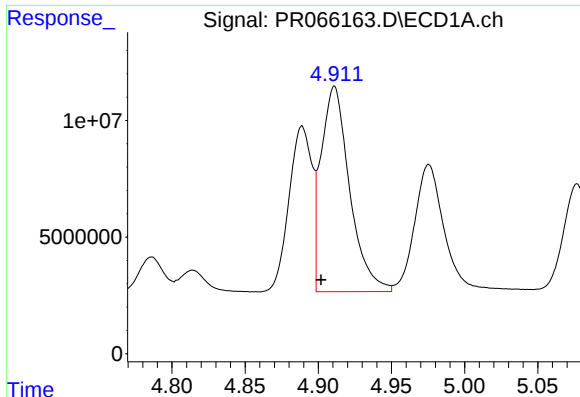
#16 AR-1242-1

R.T.: 4.889 min
Delta R.T.: 0.009 min
Response: 77595314
Conc: 417.98 ng/ml



#16 AR-1242-1

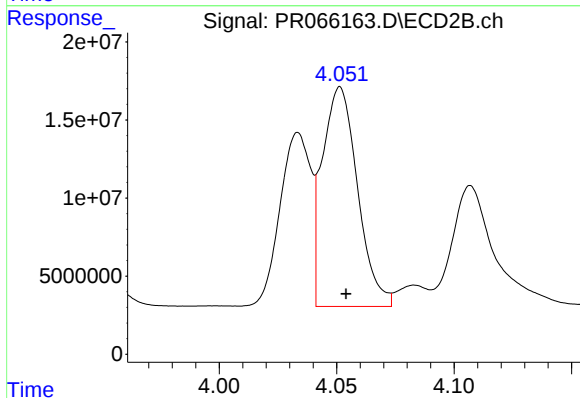
R.T.: 4.034 min
Delta R.T.: -0.002 min
Response: 101402614
Conc: 424.13 ng/ml



#17 AR-1242-2

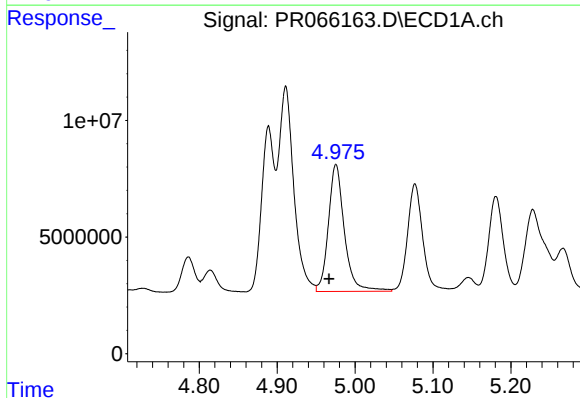
R.T.: 4.911 min
Delta R.T.: 0.009 min
Response: 119613013
Conc: 432.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



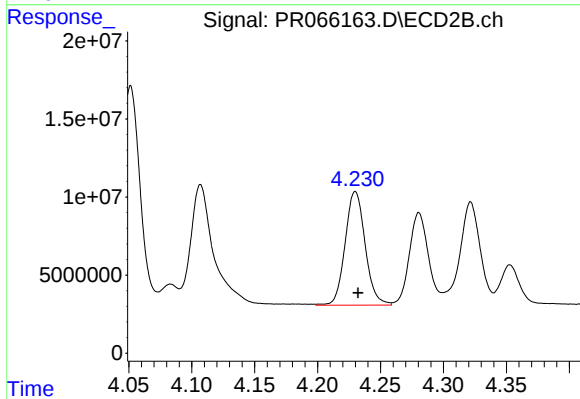
#17 AR-1242-2

R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 146688871
Conc: 444.81 ng/ml



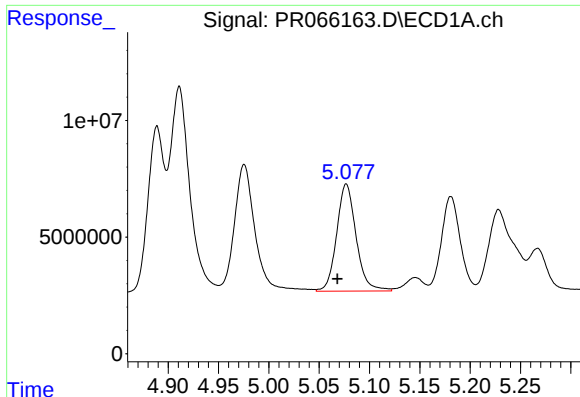
#18 AR-1242-3

R.T.: 4.976 min
Delta R.T.: 0.009 min
Response: 77781285
Conc: 435.40 ng/ml



#18 AR-1242-3

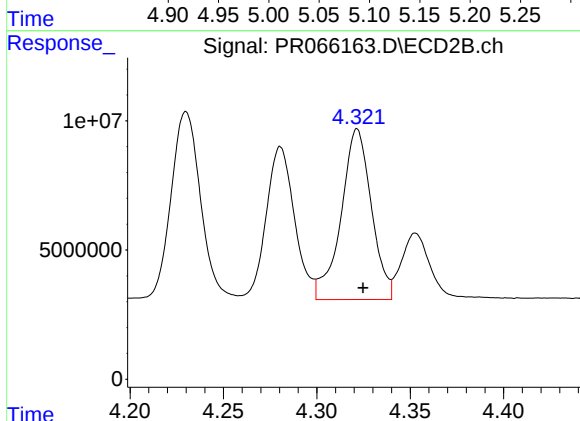
R.T.: 4.230 min
Delta R.T.: -0.002 min
Response: 80663453
Conc: 441.36 ng/ml



#19 AR-1242-4

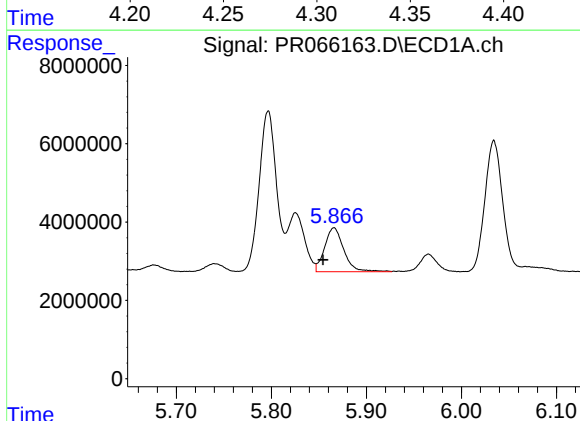
R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 61812727
Conc: 432.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



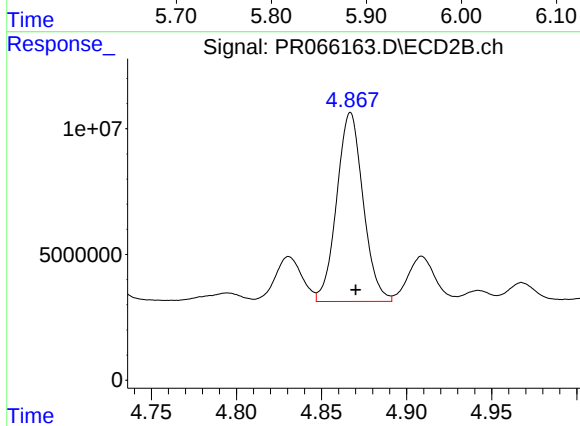
#19 AR-1242-4

R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 74689682
Conc: 427.16 ng/ml



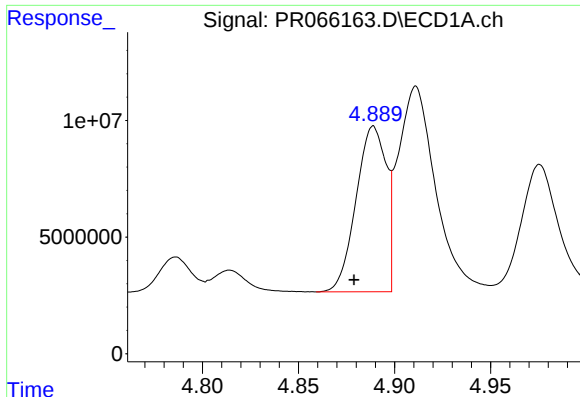
#20 AR-1242-5

R.T.: 5.866 min
Delta R.T.: 0.011 min
Response: 15862567
Conc: 117.48 ng/ml



#20 AR-1242-5

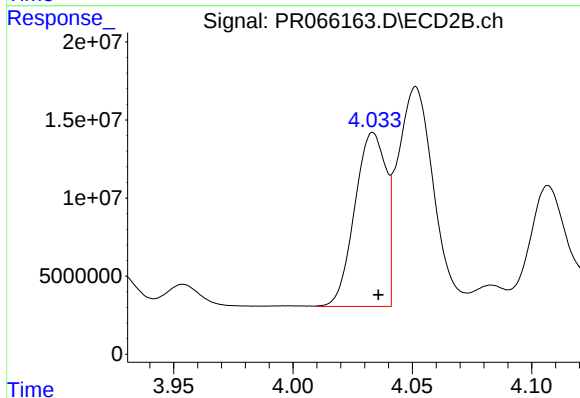
R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 81165142
Conc: 374.11 ng/ml



#21 AR-1248-1

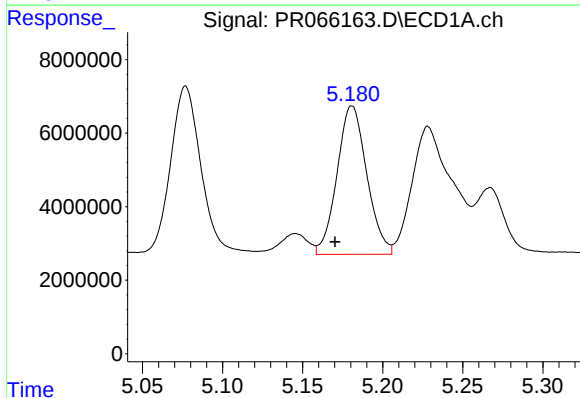
R.T.: 4.889 min
Delta R.T.: 0.010 min
Response: 77595314
Conc: 550.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



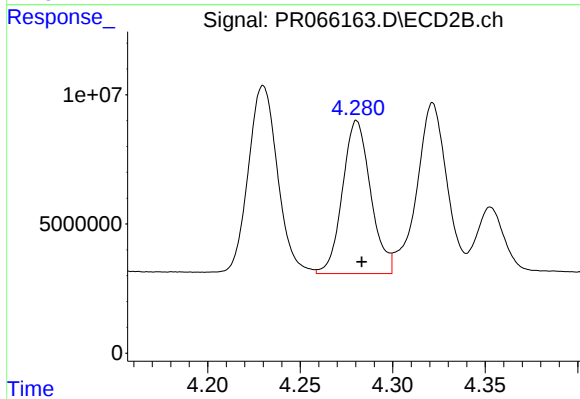
#21 AR-1248-1

R.T.: 4.034 min
Delta R.T.: -0.002 min
Response: 101402614
Conc: 556.21 ng/ml



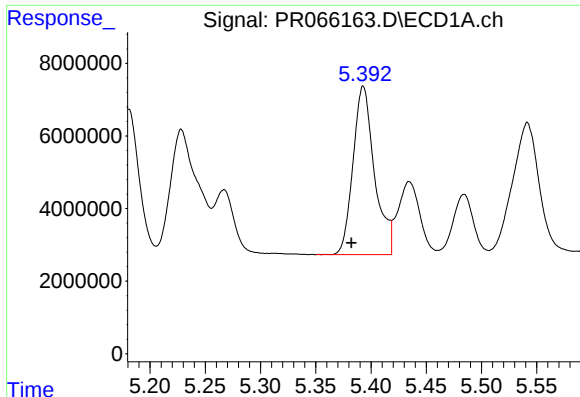
#22 AR-1248-2

R.T.: 5.181 min
Delta R.T.: 0.010 min
Response: 52275777
Conc: 246.74 ng/ml



#22 AR-1248-2

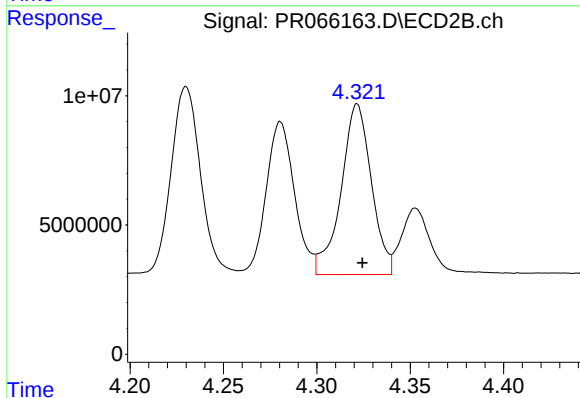
R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 62719937
Conc: 247.25 ng/ml



#23 AR-1248-3

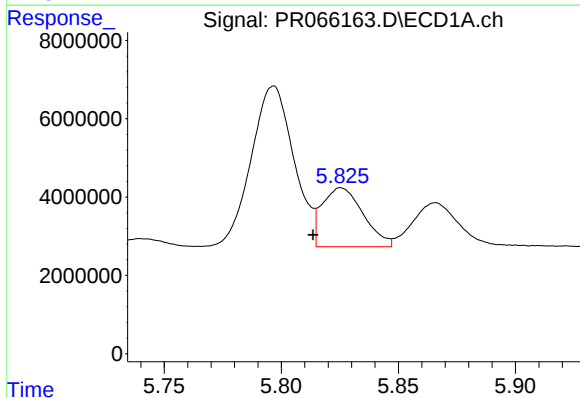
R.T.: 5.393 min
Delta R.T.: 0.011 min
Response: 62720016
Conc: 257.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



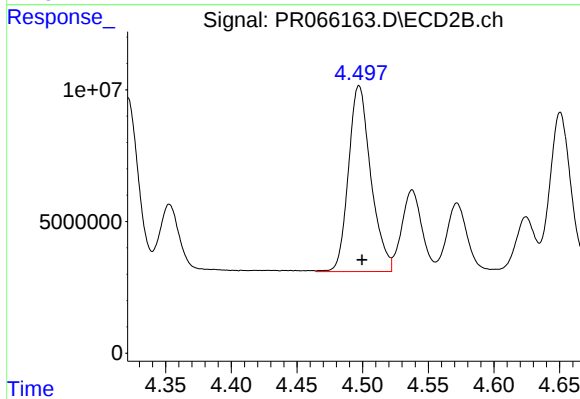
#23 AR-1248-3

R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 74689682
Conc: 288.38 ng/ml



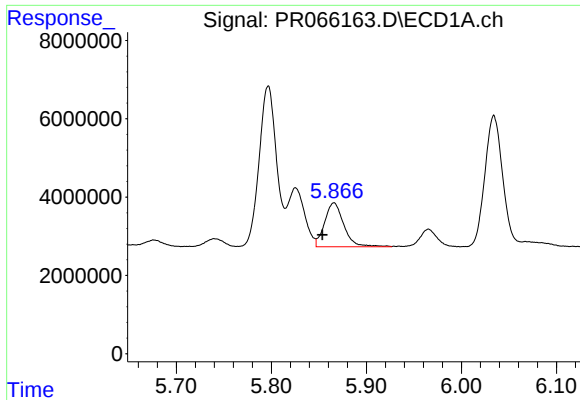
#24 AR-1248-4

R.T.: 5.826 min
Delta R.T.: 0.012 min
Response: 18395863
Conc: 78.93 ng/ml



#24 AR-1248-4

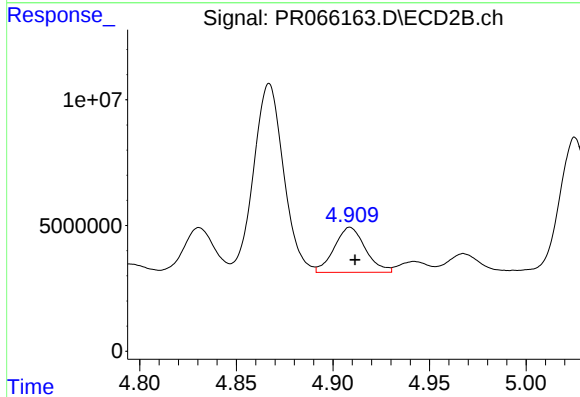
R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 83730150
Conc: 265.51 ng/ml



#25 AR-1248-5

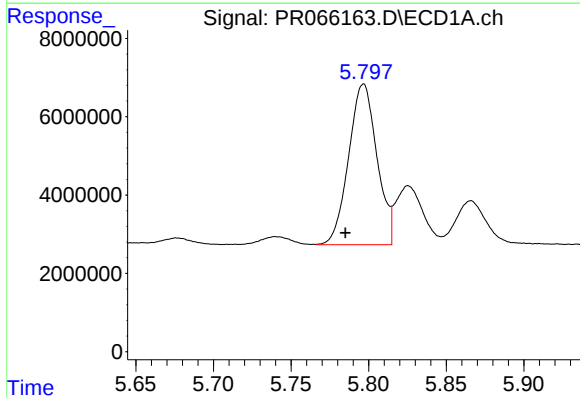
R.T.: 5.866 min
Delta R.T.: 0.012 min
Response: 15862567
Conc: 67.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



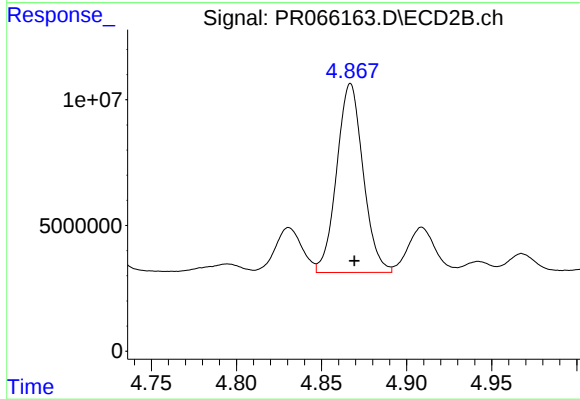
#25 AR-1248-5

R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 20141738
Conc: 67.66 ng/ml



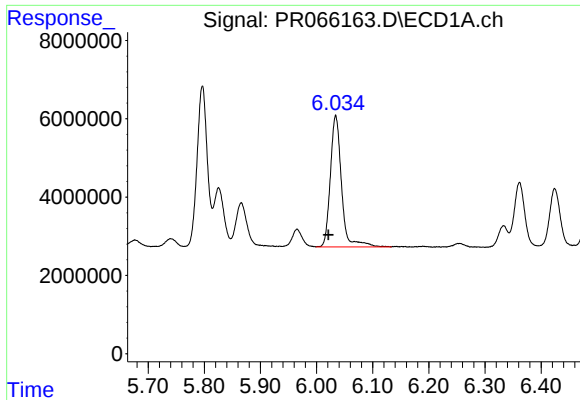
#26 AR-1254-1

R.T.: 5.797 min
Delta R.T.: 0.012 min
Response: 52142801
Conc: 195.14 ng/ml



#26 AR-1254-1

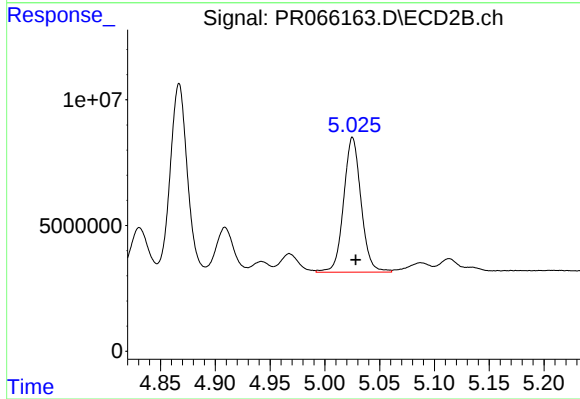
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 81165142
Conc: 176.29 ng/ml



#27 AR-1254-2

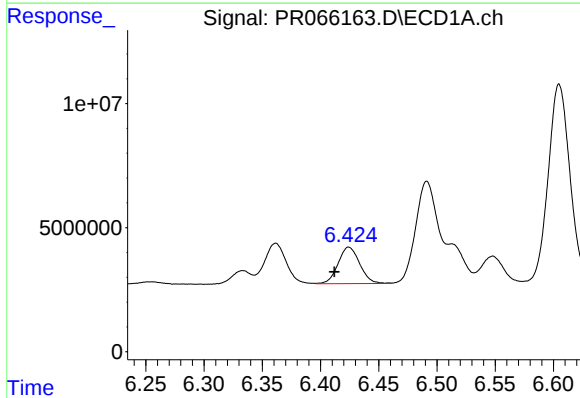
R.T.: 6.034 min
Delta R.T.: 0.013 min
Response: 46291902
Conc: 117.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



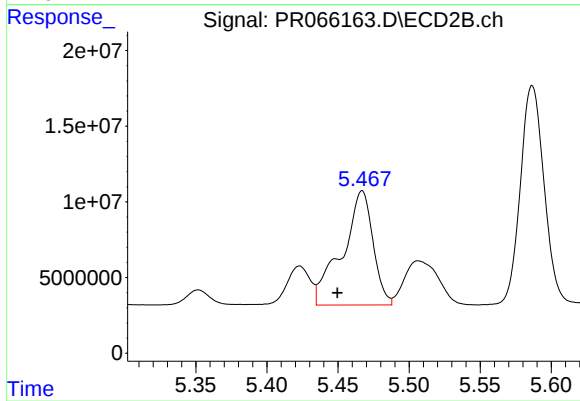
#27 AR-1254-2

R.T.: 5.025 min
Delta R.T.: -0.003 min
Response: 59273439
Conc: 145.69 ng/ml



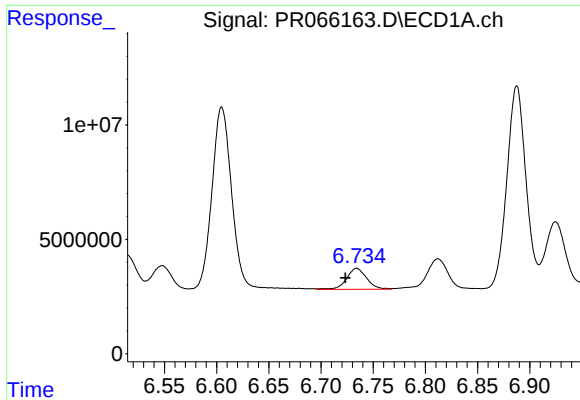
#28 AR-1254-3

R.T.: 6.424 min
Delta R.T.: 0.012 min
Response: 19004165
Conc: 49.68 ng/ml



#28 AR-1254-3

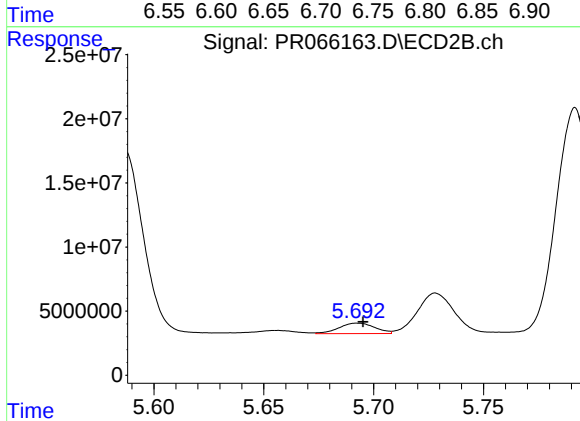
R.T.: 5.467 min
Delta R.T.: 0.017 min
Response: 113980266
Conc: 175.60 ng/ml



#29 AR-1254-4

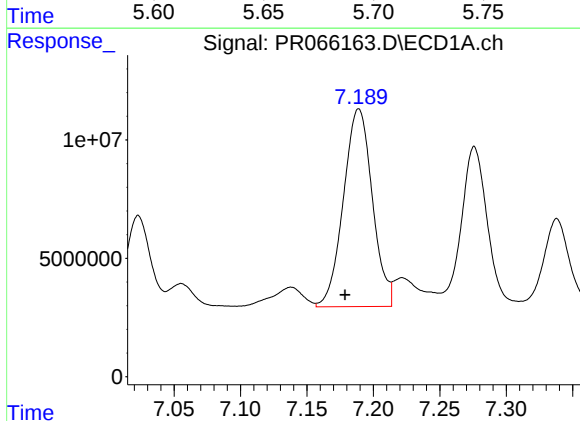
R.T.: 6.734 min
Delta R.T.: 0.011 min
Response: 12418994
Conc: 53.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



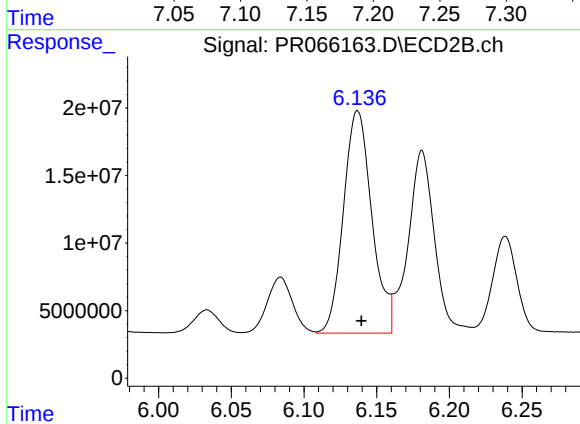
#29 AR-1254-4

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 9279349
Conc: 24.50 ng/ml



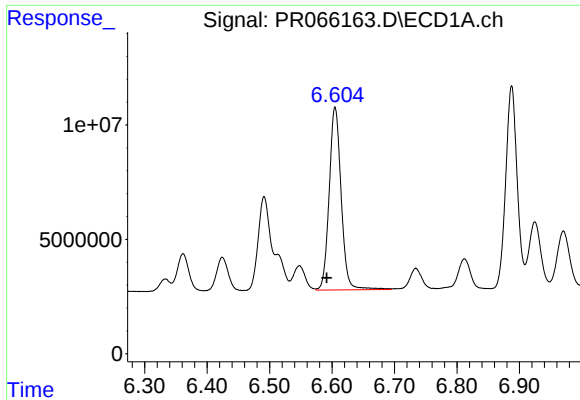
#30 AR-1254-5

R.T.: 7.189 min
Delta R.T.: 0.010 min
Response: 126510620
Conc: 496.44 ng/ml



#30 AR-1254-5

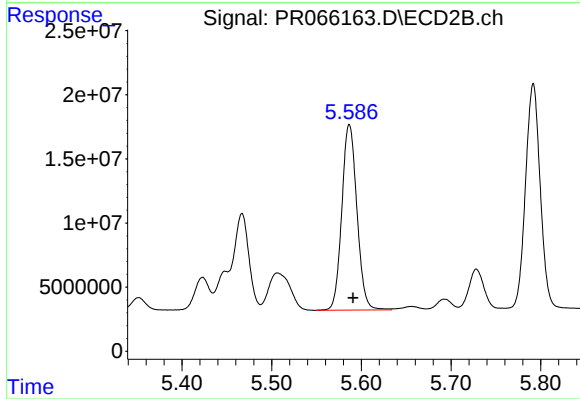
R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 223748544
Conc: 395.59 ng/ml



#31 AR-1260-1

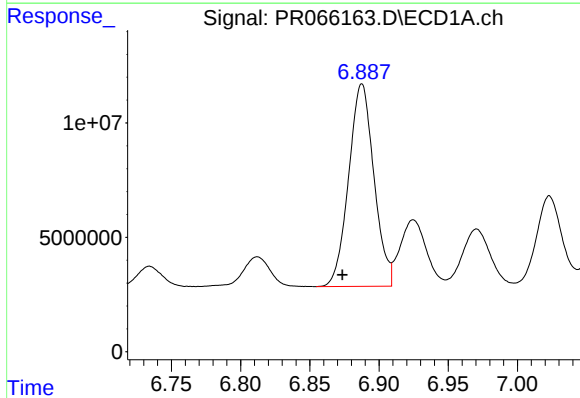
R.T.: 6.605 min
Delta R.T.: 0.014 min
Response: 106903096
Conc: 309.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



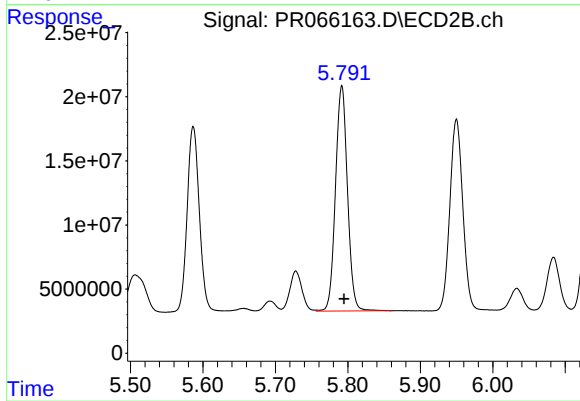
#31 AR-1260-1

R.T.: 5.587 min
Delta R.T.: -0.004 min
Response: 169595230
Conc: 349.36 ng/ml



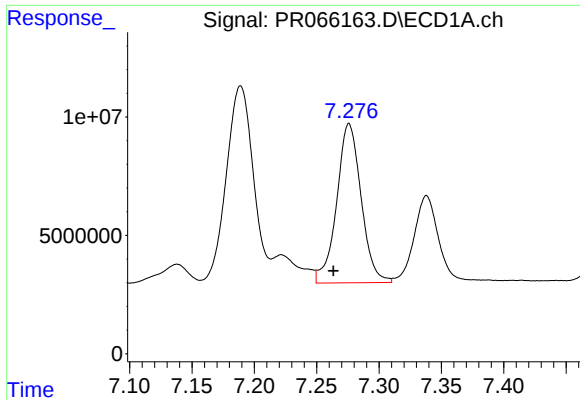
#32 AR-1260-2

R.T.: 6.888 min
Delta R.T.: 0.014 min
Response: 112576760
Conc: 308.92 ng/ml



#32 AR-1260-2

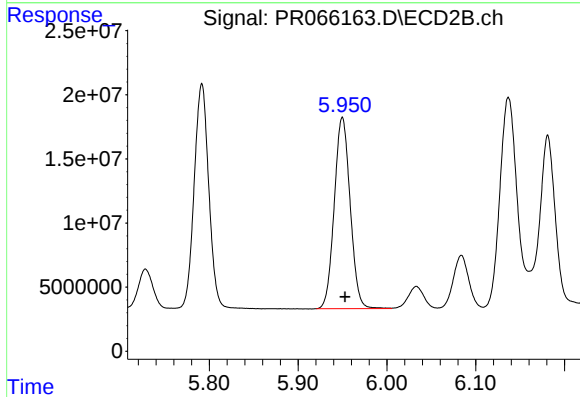
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 201992017
Conc: 351.55 ng/ml



#33 AR-1260-3

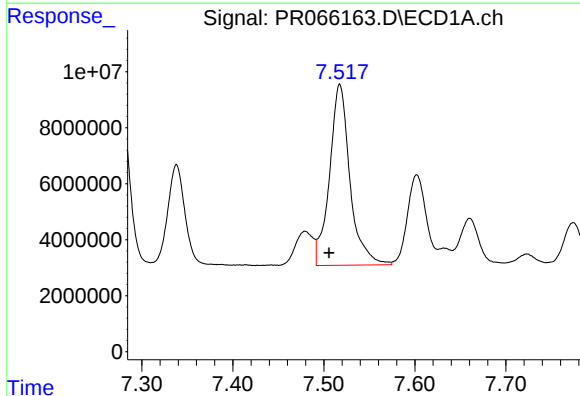
R.T.: 7.276 min
Delta R.T.: 0.013 min
Response: 91871687
Conc: 344.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



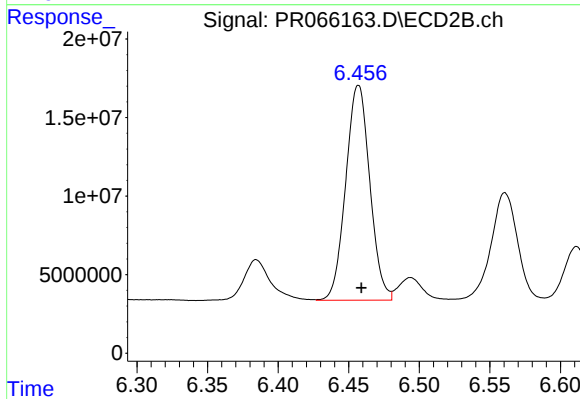
#33 AR-1260-3

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 185818909
Conc: 367.08 ng/ml



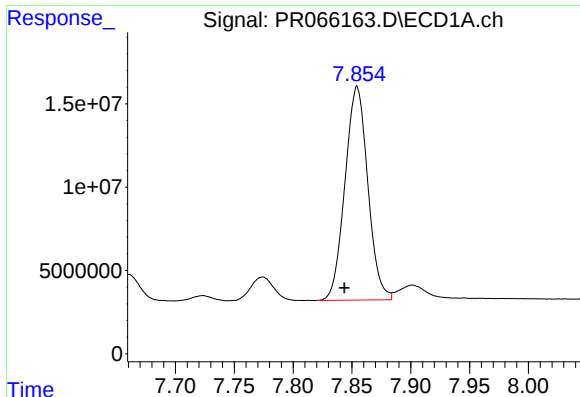
#34 AR-1260-4

R.T.: 7.518 min
Delta R.T.: 0.012 min
Response: 101012107
Conc: 368.41 ng/ml



#34 AR-1260-4

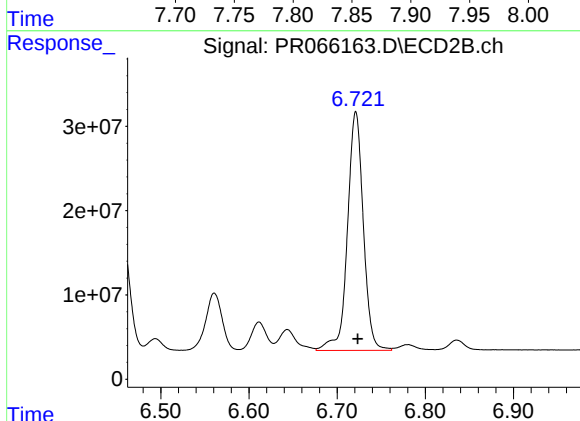
R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 162582748
Conc: 348.76 ng/ml



#35 AR-1260-5

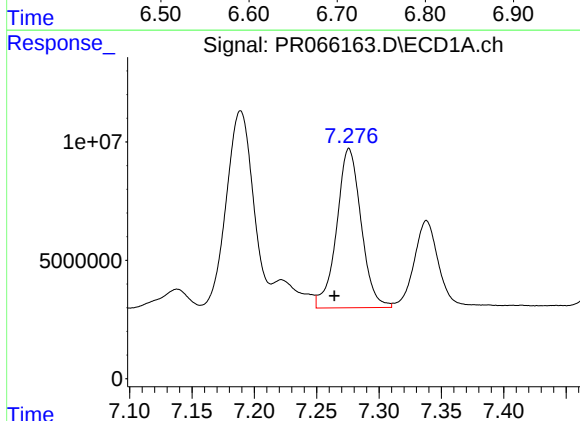
R.T.: 7.854 min
Delta R.T.: 0.011 min
Response: 173387133
Conc: 371.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



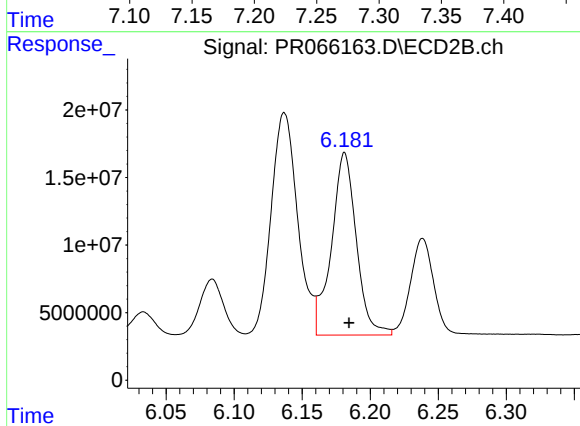
#35 AR-1260-5

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 353938654
Conc: 367.92 ng/ml



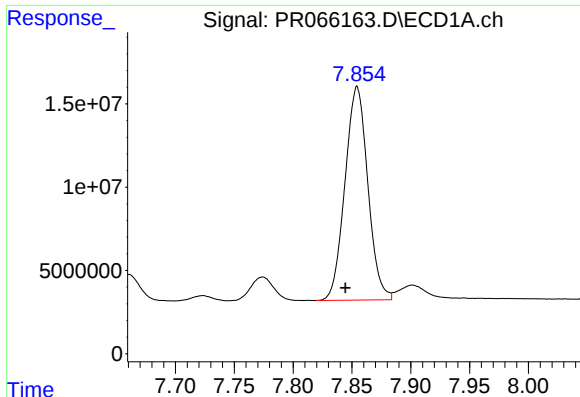
#36 AR-1262-1

R.T.: 7.276 min
Delta R.T.: 0.012 min
Response: 91871687
Conc: 281.13 ng/ml



#36 AR-1262-1

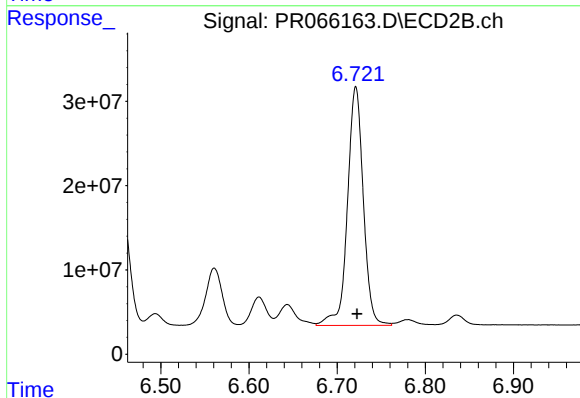
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 171748357
Conc: 286.26 ng/ml



#37 AR-1262-2

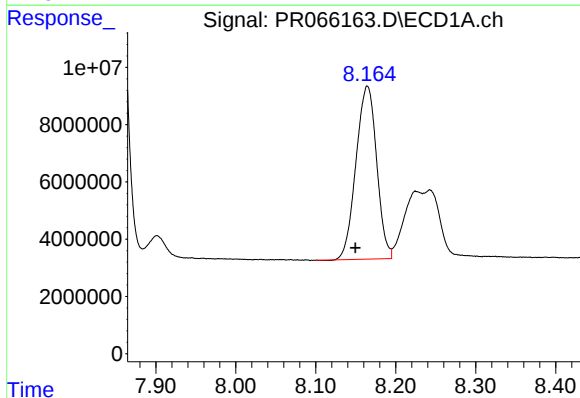
R.T.: 7.854 min
Delta R.T.: 0.010 min
Response: 173387133
Conc: 394.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



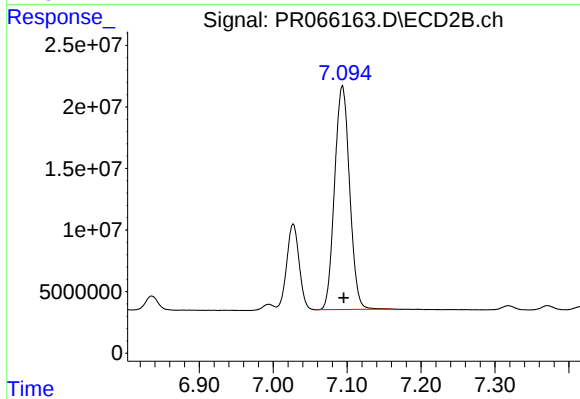
#37 AR-1262-2

R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 353938654
Conc: 396.30 ng/ml



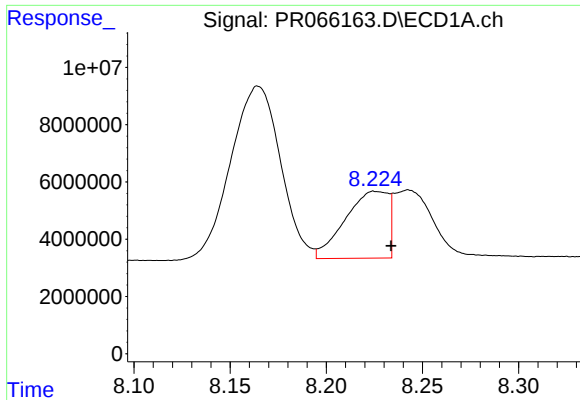
#38 AR-1262-3

R.T.: 8.165 min
Delta R.T.: 0.015 min
Response: 108720426
Conc: 340.32 ng/ml



#38 AR-1262-3

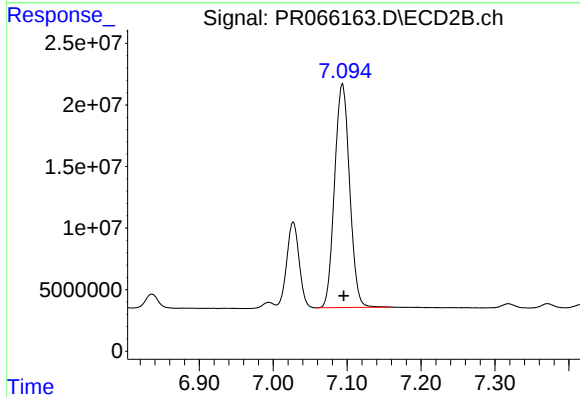
R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 256630955
Conc: 396.80 ng/ml



#39 AR-1262-4

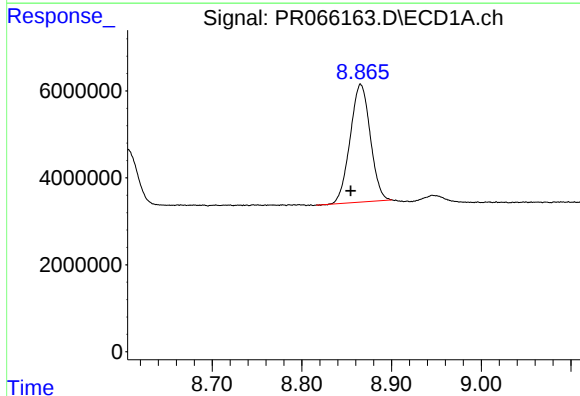
R.T.: 8.225 min
Delta R.T.: -0.009 min
Response: 36547407
Conc: 145.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



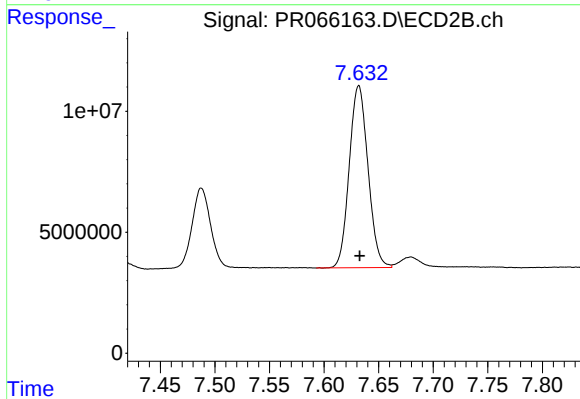
#39 AR-1262-4

R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 256630955
Conc: 396.80 ng/ml



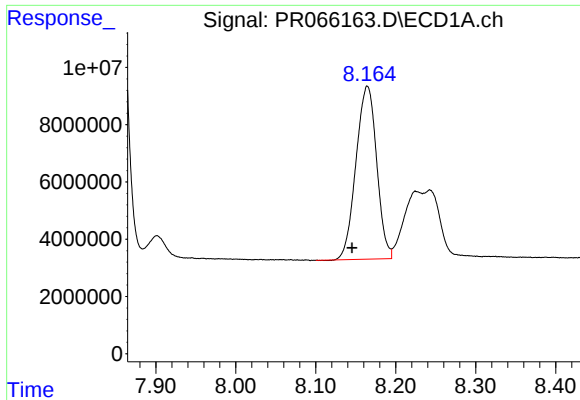
#40 AR-1262-5

R.T.: 8.866 min
Delta R.T.: 0.011 min
Response: 42302138
Conc: 282.70 ng/ml



#40 AR-1262-5

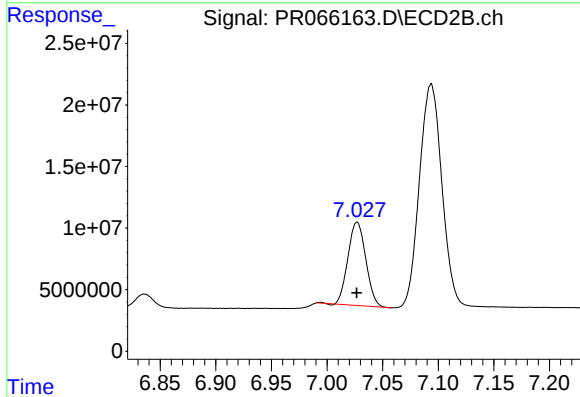
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 90072543
Conc: 298.22 ng/ml



#41 AR-1268-1

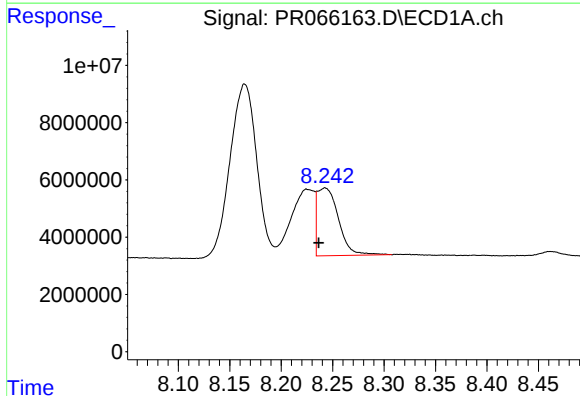
R.T.: 8.165 min
Delta R.T.: 0.019 min
Response: 108720426
Conc: 180.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



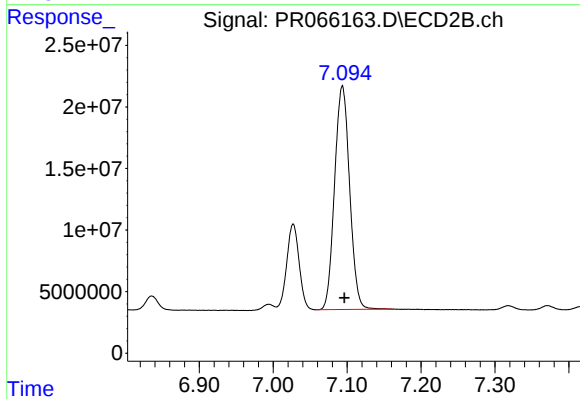
#41 AR-1268-1

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 75716129
Conc: 61.67 ng/ml



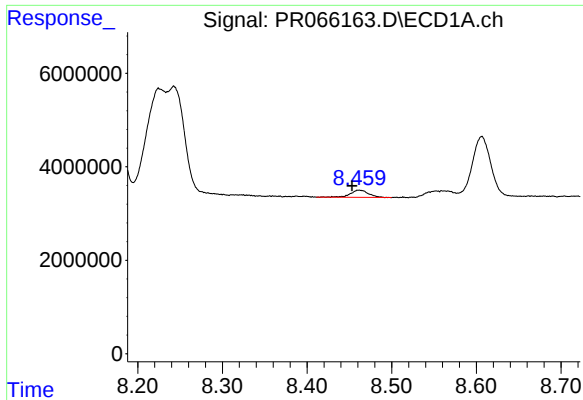
#42 AR-1268-2

R.T.: 8.243 min
Delta R.T.: 0.006 min
Response: 34134802
Conc: 63.26 ng/ml



#42 AR-1268-2

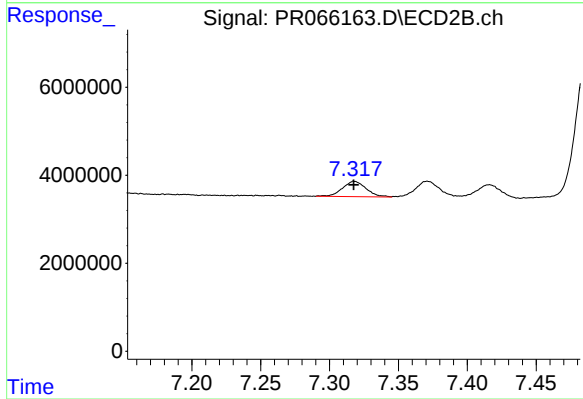
R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 256630955
Conc: 230.55 ng/ml



#43 AR-1268-3

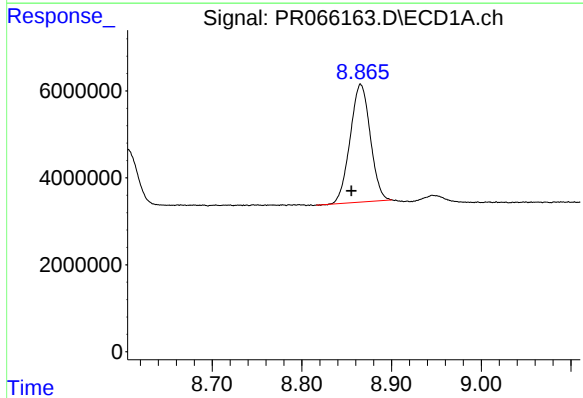
R.T.: 8.461 min
Delta R.T.: 0.008 min
Response: 2268966
Conc: 4.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



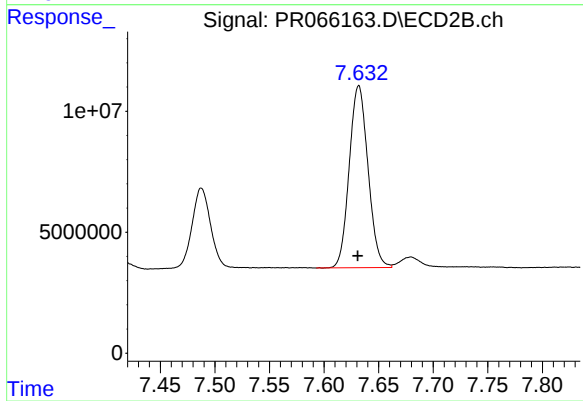
#43 AR-1268-3

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 4214802
Conc: 4.22 ng/ml



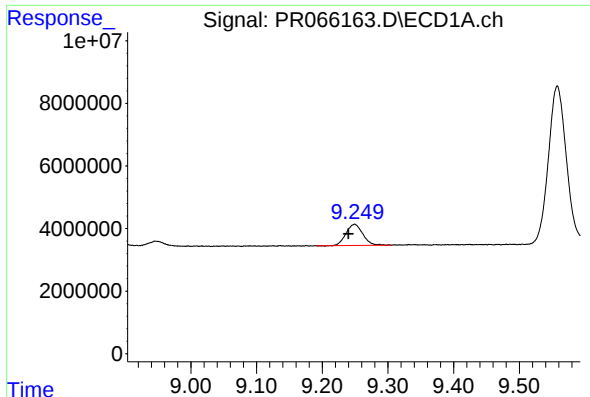
#44 AR-1268-4

R.T.: 8.866 min
Delta R.T.: 0.011 min
Response: 42302138
Conc: 241.50 ng/ml



#44 AR-1268-4

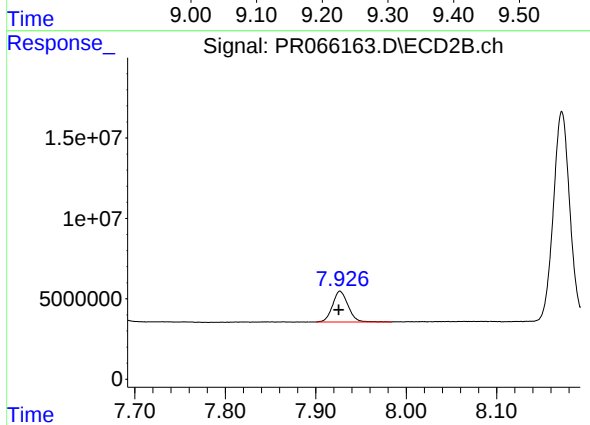
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 90072543
Conc: 236.71 ng/ml



#45 AR-1268-5

R.T.: 9.249 min
Delta R.T.: 0.009 min
Response: 12080129
Conc: 8.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603323



#45 AR-1268-5

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 22734360
Conc: 8.55 ng/ml