

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010924\
 Data File : PR064874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2024 12:15
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603297

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 21:44:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 2023
 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...	3.703	3.006	119.7E6	108.1E6	19.814	20.017
2)	SA Decachlor...	9.744	8.381	81819965	103.9E6	37.131	39.678
Target Compounds							
3)	L1 AR-1016-1	4.944	4.152	71137485	72106439	392.959	388.586
4)	L1 AR-1016-2	4.967	4.171	103.6E6	99940729	390.478	393.686
5)	L1 AR-1016-3	5.032	4.354	66218692	54573110	392.788	395.491
6)	L1 AR-1016-4	5.136	4.406	53439812	42392675	392.466	398.261
7)	L1 AR-1016-5	5.456	4.629	55097207	55954071	401.420	399.375
8)	L2 AR-1221-1	3.924	3.235	8685659	6750169	126.786	111.516
9)	L2 AR-1221-2	4.018	3.324	10477068	8834679	224.919	209.341
10)	L2 AR-1221-3	4.097	3.403	41985195	38316472	272.871	267.506
11)	L3 AR-1232-1	4.097	3.403	41985195	38316472	351.283	347.857
12)	L3 AR-1232-2	4.655	4.171	57274065	99940729	859.088	933.840
13)	L3 AR-1232-3	4.967	4.354	103.6E6	54573110	904.058	963.466
14)	L3 AR-1232-4	5.136	4.449	53439812	51792408	913.517	1043.958
15)	L3 AR-1232-5	5.241	4.629	43660855	55954071	1026.973	1033.818
16)	L4 AR-1242-1	4.944	4.152	71137485	72106439	491.692	491.632
17)	L4 AR-1242-2	4.967	4.171	103.6E6	99940729	496.224	501.881
18)	L4 AR-1242-3	5.032	4.354	66218692	54573110	489.532	504.551
19)	L4 AR-1242-4	5.136	4.449	53439812	51792408	495.147	498.074
20)	L4 AR-1242-5	5.937	5.008	15255578	54640251	133.285	406.317 #
21)	L5 AR-1248-1	4.944	4.152	71137485	72106439	649.907	649.380
22)	L5 AR-1248-2	5.241	4.406	43660855	42392675	279.560	282.122
23)	L5 AR-1248-3	5.456	4.449	55097207	51792408	301.457	329.656
24)	L5 AR-1248-4	5.896	4.629	17880816	55954071	91.420	294.826 #
25)	L5 AR-1248-5	5.937	5.052	15255578	13033750	78.033	67.491
26)	L6 AR-1254-1	5.866	5.008	47637477	54640251	236.876	190.066
27)	L6 AR-1254-2	6.108	5.170	41409048	38960657	136.148	156.453
28)	L6 AR-1254-3	6.504	5.621	19175552	75683485	61.605	190.203 #
29)	L6 AR-1254-4	6.819	5.852	11972842	6029564	54.447	24.146 #
30)	L6 AR-1254-5	7.280	6.304	127.1E6	149.9E6	535.214	420.739
31)	L7 AR-1260-1	6.687	5.744	99832929	113.1E6	399.507	391.230
32)	L7 AR-1260-2	6.975	5.953	113.6E6	135.7E6	397.542	390.640
33)	L7 AR-1260-3	7.370	6.114	87935935	130.2E6	414.731	395.481
34)	L7 AR-1260-4	7.615	6.629	94342970	106.1E6	410.451	393.498
35)	L7 AR-1260-5	7.959	6.897	175.3E6	246.4E6	408.591	394.324
36)	L8 AR-1262-1	7.370	6.349	87935935	112.3E6	305.803	307.695
37)	L8 AR-1262-2	7.959	6.897	175.3E6	246.4E6	376.307	373.506
38)	L8 AR-1262-3	8.281	7.208	108.4E6	49778975	343.784	198.524 #
39)	L8 AR-1262-4	8.344	7.274	33717194	176.4E6	141.410	369.670 #
40)	L8 AR-1262-5	9.012	7.821	48380732	60141623	297.688	283.252
41)	L9 AR-1268-1	8.281	7.208	108.4E6	49778975	190.203	63.682 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010924\
Data File : PR064874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2024 12:15
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

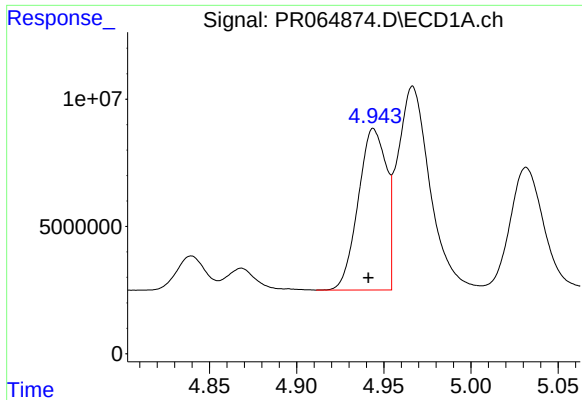
Instrument :
ECD_R
ClientSampleId :
AR16603297

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 21:44:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 15 04:19:57 2023
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
42)	L9 AR-1268-2	8.344	7.274	33717194	176.4E6	66.608	245.869 #
43)	L9 AR-1268-3	8.591	7.503	3039572	2429297	6.866	4.056 #
44)	L9 AR-1268-4	9.012	7.821	48380732	60141623	260.350	240.743
45)	L9 AR-1268-5	9.416	8.121	12902946	14575049	9.638	8.106

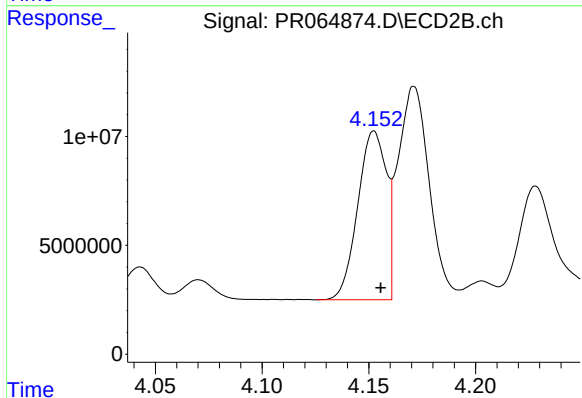
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

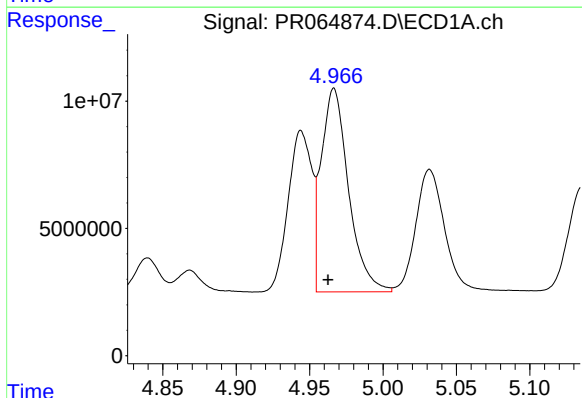
R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 71137485
Conc: 392.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



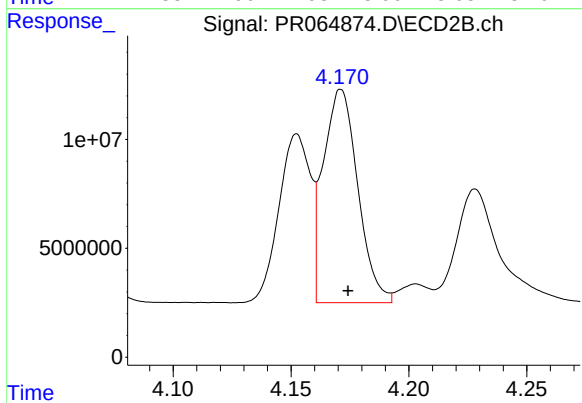
#3 AR-1016-1

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 72106439
Conc: 388.59 ng/ml



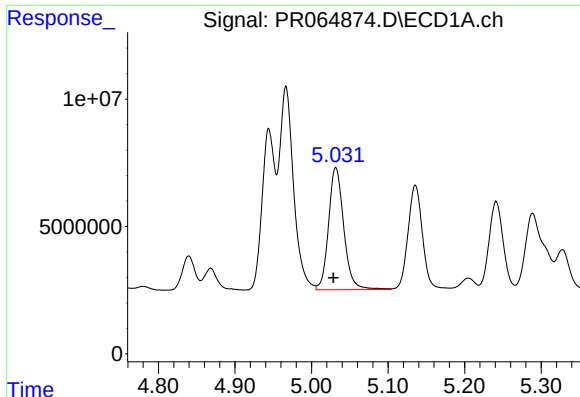
#4 AR-1016-2

R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: 103592076
Conc: 390.48 ng/ml



#4 AR-1016-2

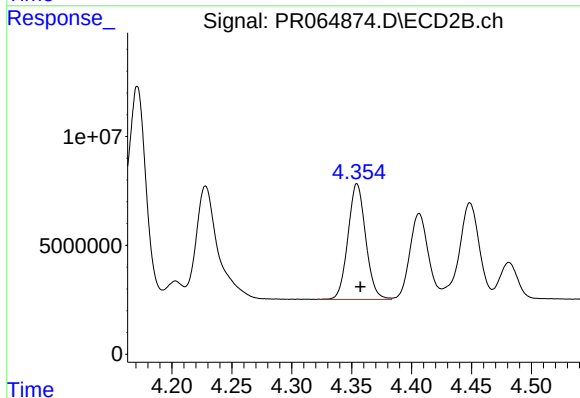
R.T.: 4.171 min
Delta R.T.: -0.003 min
Response: 99940729
Conc: 393.69 ng/ml



#5 AR-1016-3

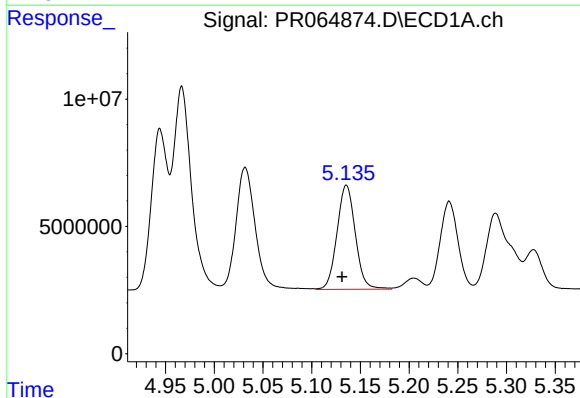
R.T.: 5.032 min
Delta R.T.: 0.003 min
Response: 66218692
Conc: 392.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



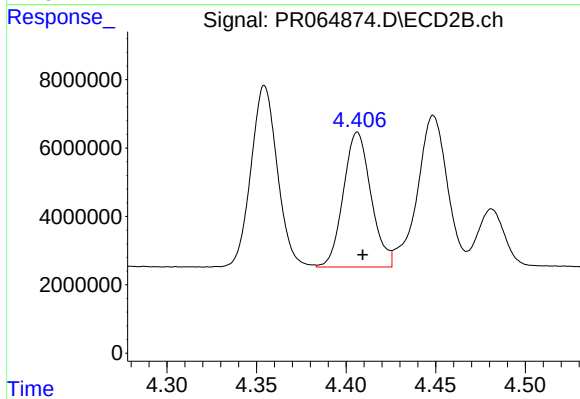
#5 AR-1016-3

R.T.: 4.354 min
Delta R.T.: -0.003 min
Response: 54573110
Conc: 395.49 ng/ml



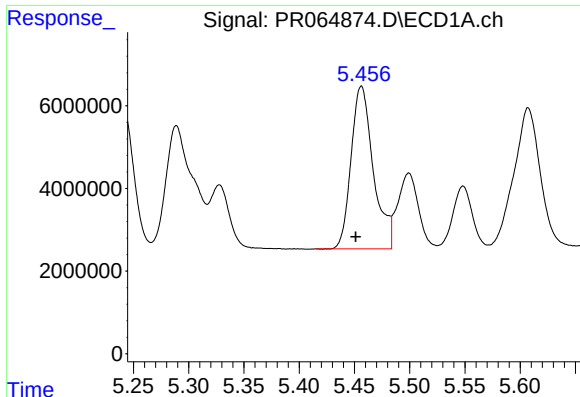
#6 AR-1016-4

R.T.: 5.136 min
Delta R.T.: 0.004 min
Response: 53439812
Conc: 392.47 ng/ml



#6 AR-1016-4

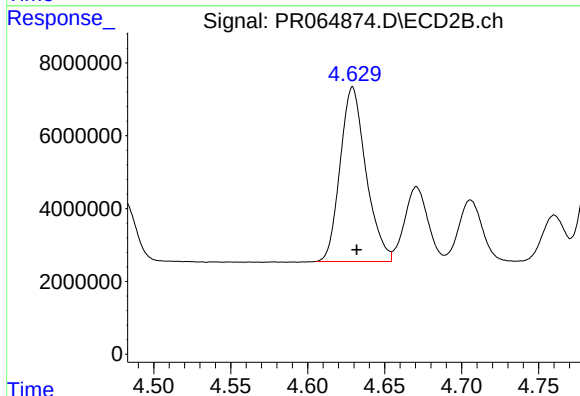
R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 42392675
Conc: 398.26 ng/ml



#7 AR-1016-5

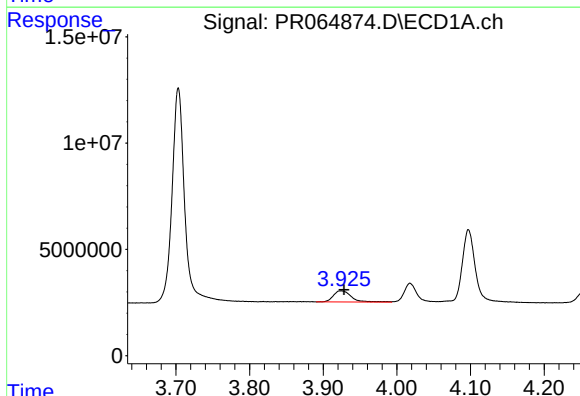
R.T.: 5.456 min
Delta R.T.: 0.005 min
Response: 55097207
Conc: 401.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



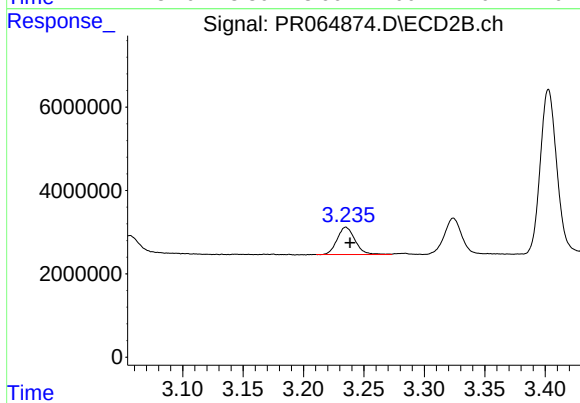
#7 AR-1016-5

R.T.: 4.629 min
Delta R.T.: -0.003 min
Response: 55954071
Conc: 399.38 ng/ml



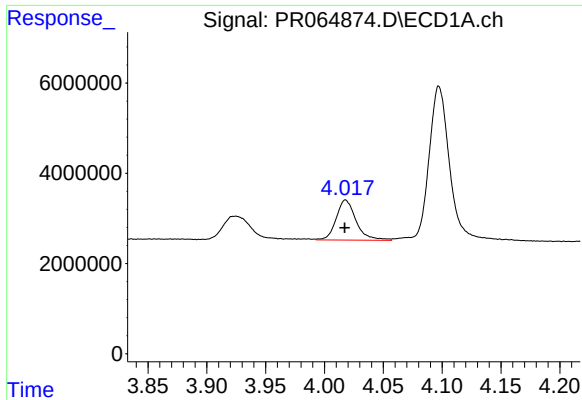
#8 AR-1221-1

R.T.: 3.924 min
Delta R.T.: -0.004 min
Response: 8685659
Conc: 126.79 ng/ml



#8 AR-1221-1

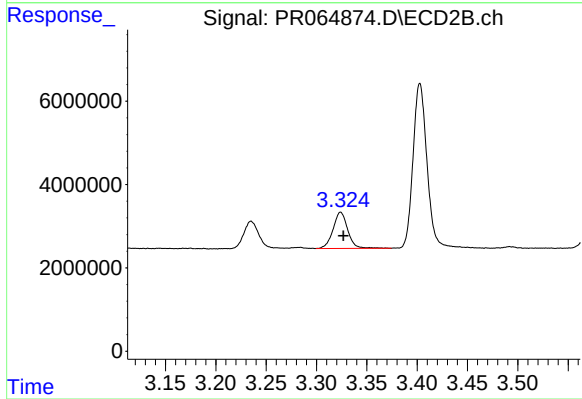
R.T.: 3.235 min
Delta R.T.: -0.003 min
Response: 6750169
Conc: 111.52 ng/ml



#9 AR-1221-2

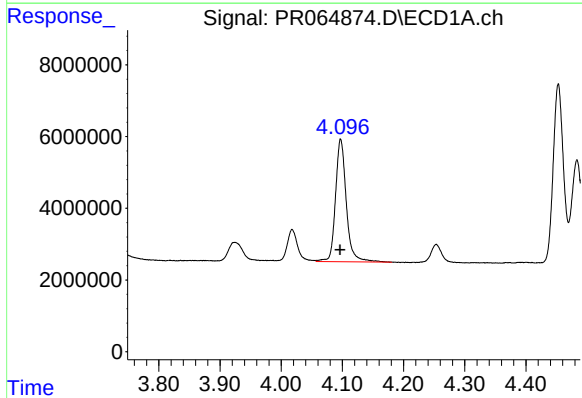
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 10477068
Conc: 224.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



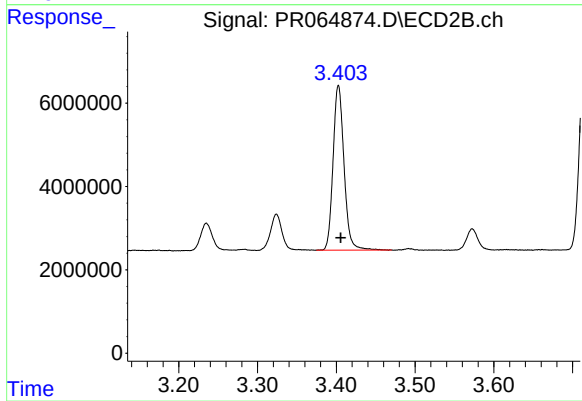
#9 AR-1221-2

R.T.: 3.324 min
Delta R.T.: -0.003 min
Response: 8834679
Conc: 209.34 ng/ml



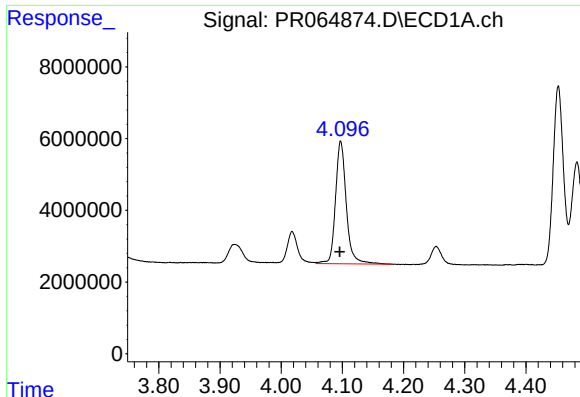
#10 AR-1221-3

R.T.: 4.097 min
Delta R.T.: 0.001 min
Response: 41985195
Conc: 272.87 ng/ml



#10 AR-1221-3

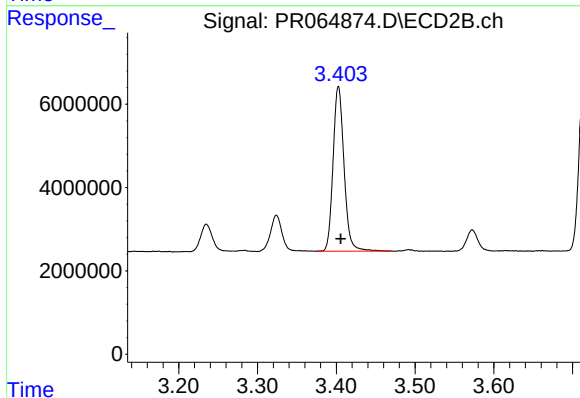
R.T.: 3.403 min
Delta R.T.: -0.003 min
Response: 38316472
Conc: 267.51 ng/ml



#11 AR-1232-1

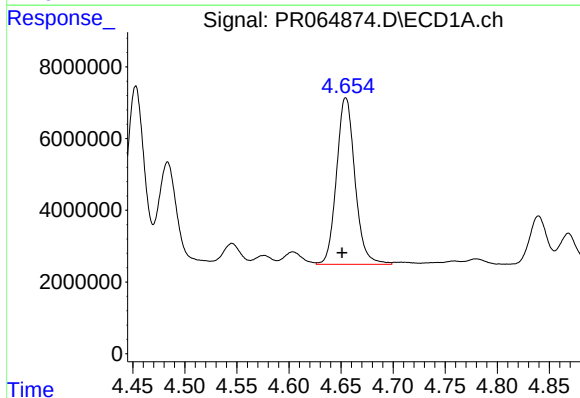
R.T.: 4.097 min
Delta R.T.: 0.002 min
Response: 41985195
Conc: 351.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



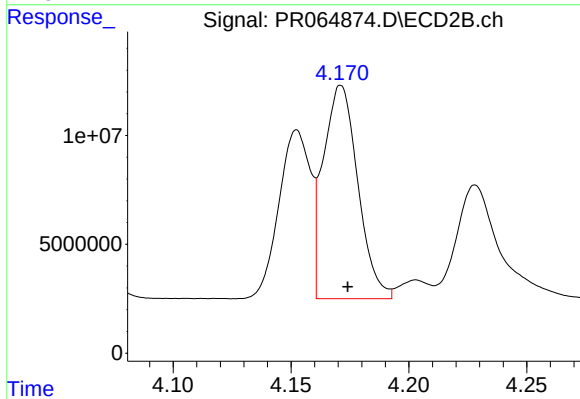
#11 AR-1232-1

R.T.: 3.403 min
Delta R.T.: -0.003 min
Response: 38316472
Conc: 347.86 ng/ml



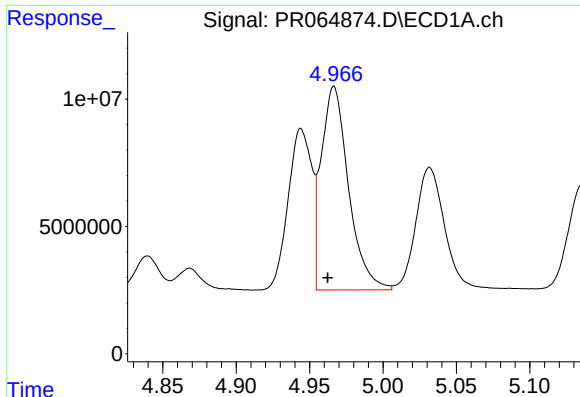
#12 AR-1232-2

R.T.: 4.655 min
Delta R.T.: 0.004 min
Response: 57274065
Conc: 859.09 ng/ml



#12 AR-1232-2

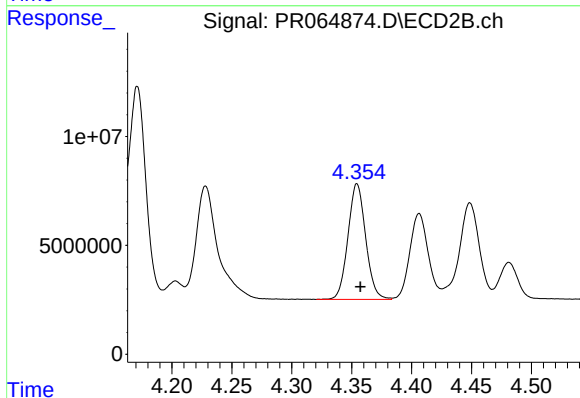
R.T.: 4.171 min
Delta R.T.: -0.003 min
Response: 99940729
Conc: 933.84 ng/ml



#13 AR-1232-3

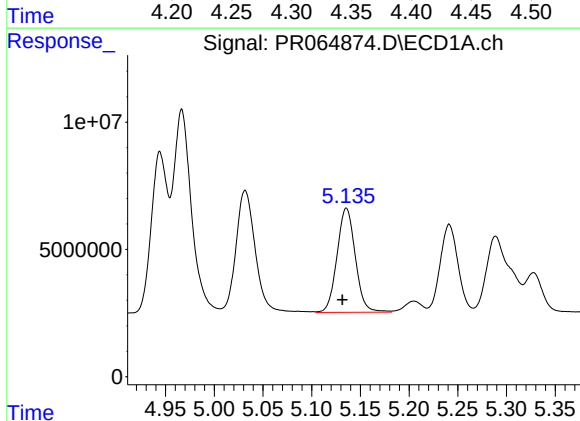
R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: 103592076
Conc: 904.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



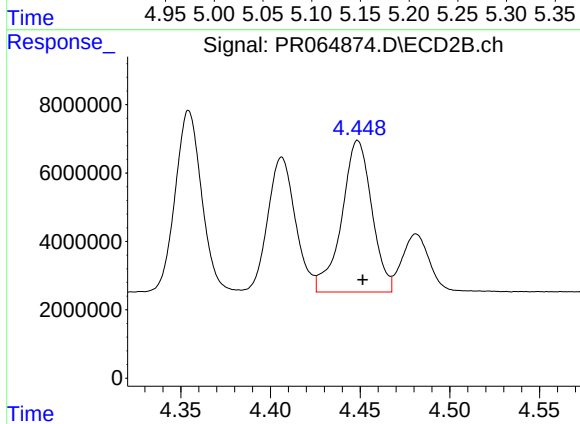
#13 AR-1232-3

R.T.: 4.354 min
Delta R.T.: -0.003 min
Response: 54573110
Conc: 963.47 ng/ml



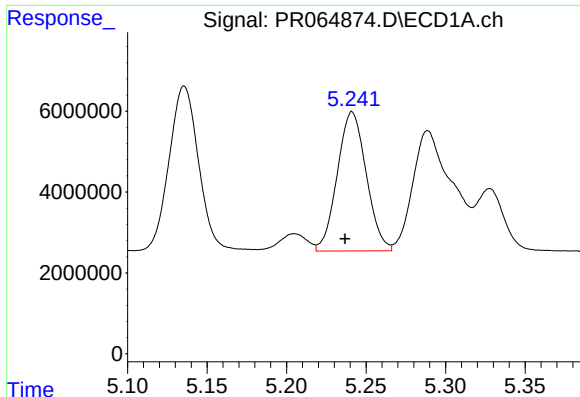
#14 AR-1232-4

R.T.: 5.136 min
Delta R.T.: 0.004 min
Response: 53439812
Conc: 913.52 ng/ml



#14 AR-1232-4

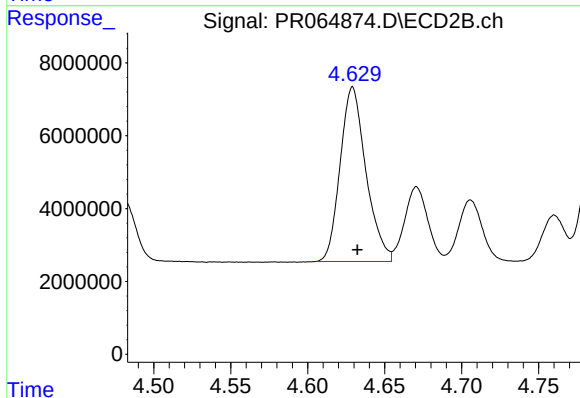
R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 51792408
Conc: 1043.96 ng/ml



#15 AR-1232-5

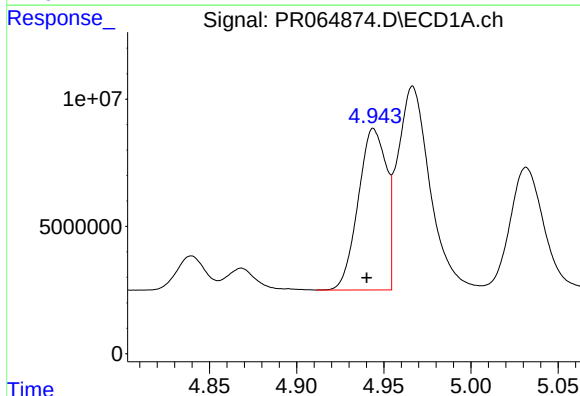
R.T.: 5.241 min
Delta R.T.: 0.005 min
Response: 43660855
Conc: 1026.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



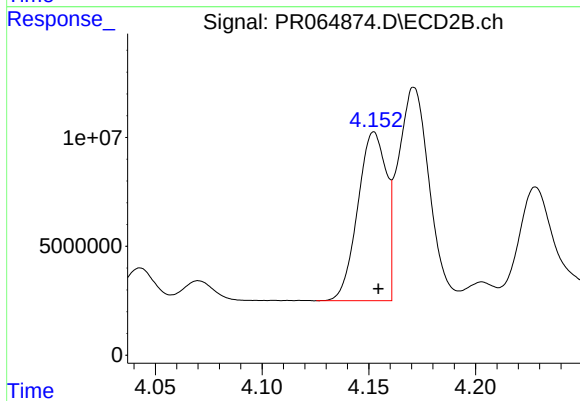
#15 AR-1232-5

R.T.: 4.629 min
Delta R.T.: -0.003 min
Response: 55954071
Conc: 1033.82 ng/ml



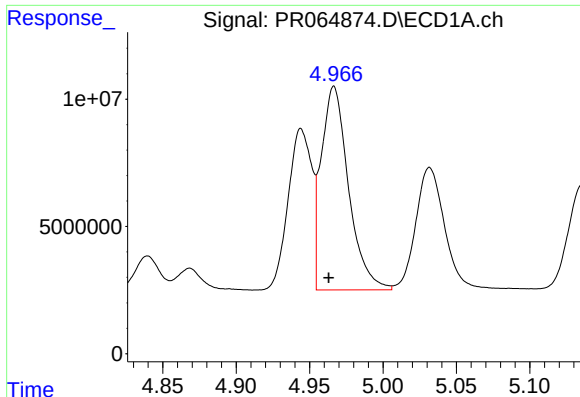
#16 AR-1242-1

R.T.: 4.944 min
Delta R.T.: 0.004 min
Response: 71137485
Conc: 491.69 ng/ml



#16 AR-1242-1

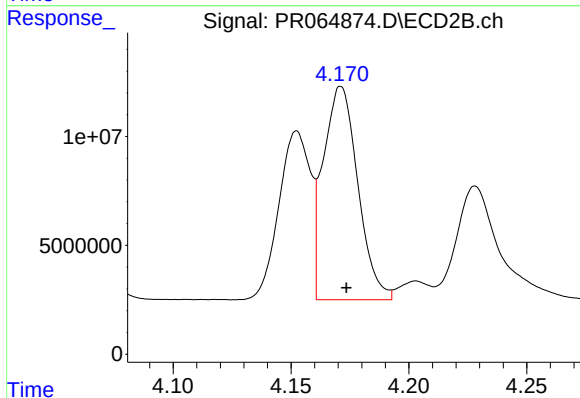
R.T.: 4.152 min
Delta R.T.: -0.002 min
Response: 72106439
Conc: 491.63 ng/ml



#17 AR-1242-2

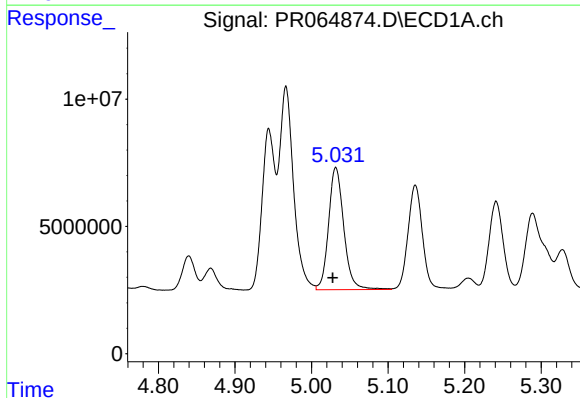
R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: 103592076
Conc: 496.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



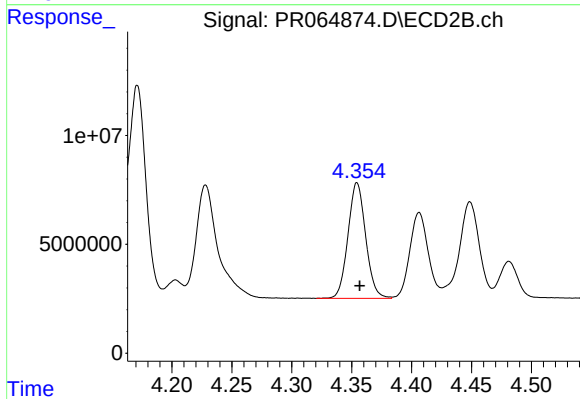
#17 AR-1242-2

R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 99940729
Conc: 501.88 ng/ml



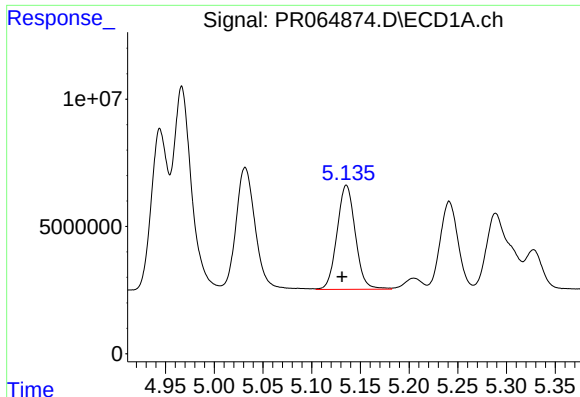
#18 AR-1242-3

R.T.: 5.032 min
Delta R.T.: 0.004 min
Response: 66218692
Conc: 489.53 ng/ml



#18 AR-1242-3

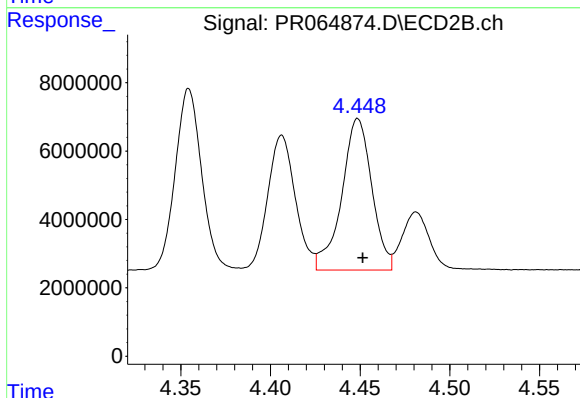
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 54573110
Conc: 504.55 ng/ml



#19 AR-1242-4

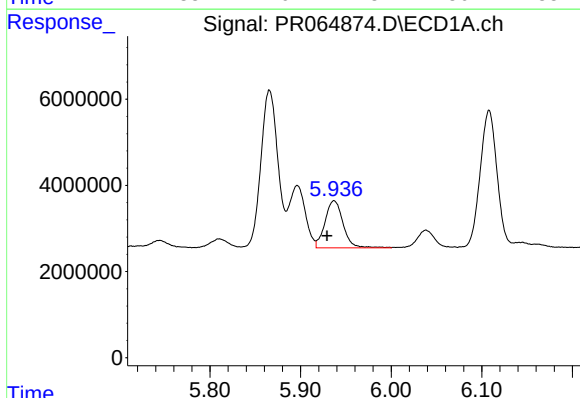
R.T.: 5.136 min
Delta R.T.: 0.004 min
Response: 53439812
Conc: 495.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



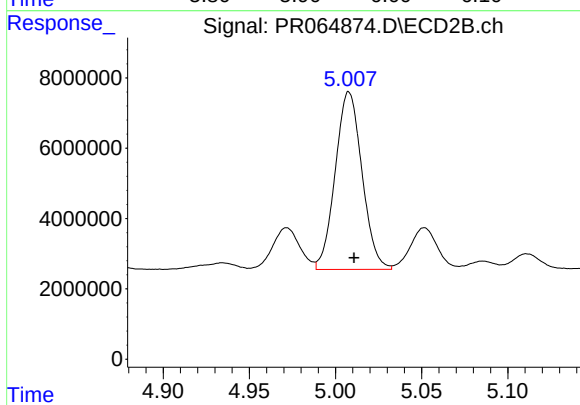
#19 AR-1242-4

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 51792408
Conc: 498.07 ng/ml



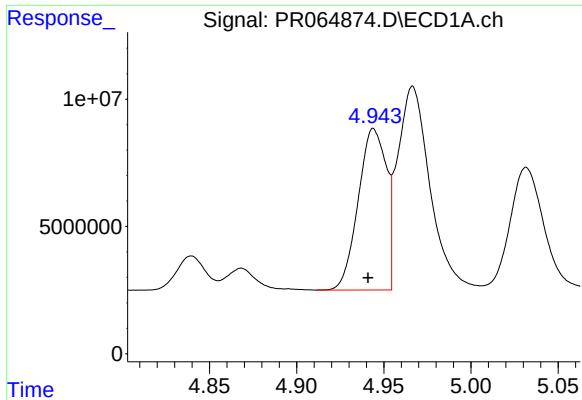
#20 AR-1242-5

R.T.: 5.937 min
Delta R.T.: 0.008 min
Response: 15255578
Conc: 133.28 ng/ml



#20 AR-1242-5

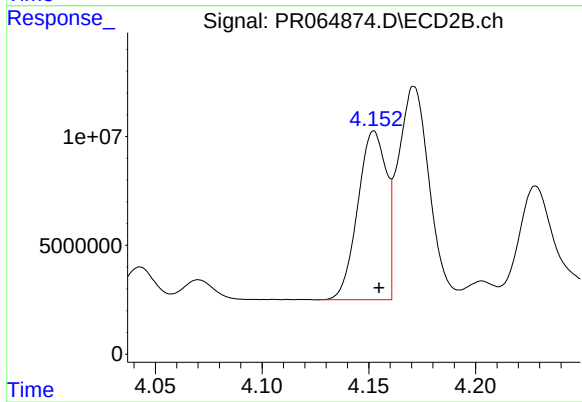
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 54640251
Conc: 406.32 ng/ml



#21 AR-1248-1

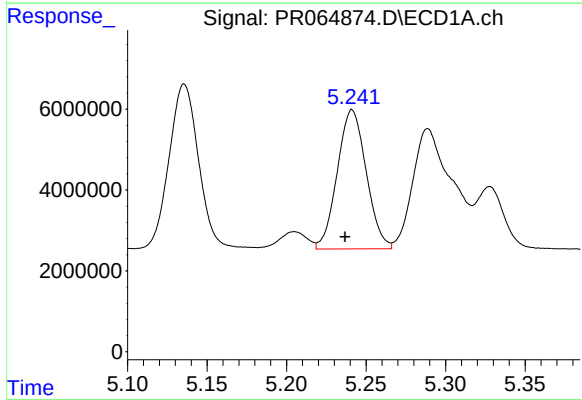
R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 71137485
Conc: 649.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



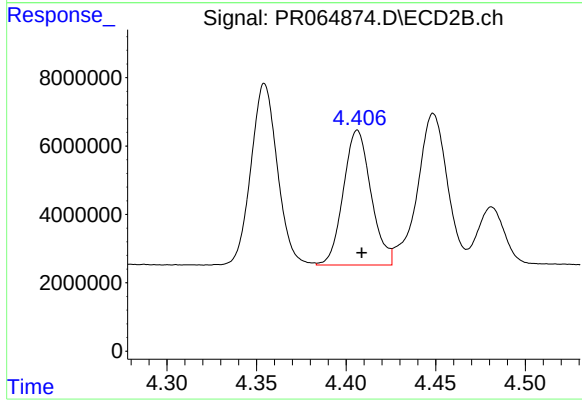
#21 AR-1248-1

R.T.: 4.152 min
Delta R.T.: -0.002 min
Response: 72106439
Conc: 649.38 ng/ml



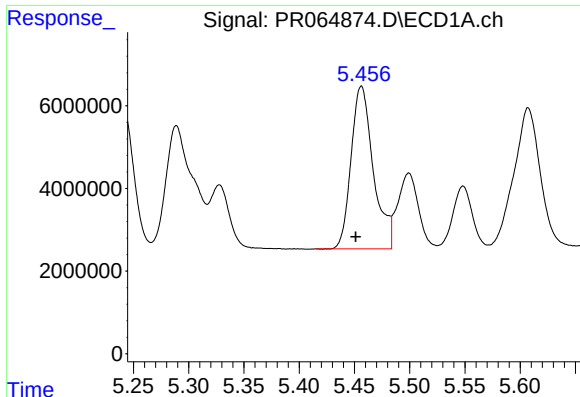
#22 AR-1248-2

R.T.: 5.241 min
Delta R.T.: 0.005 min
Response: 43660855
Conc: 279.56 ng/ml



#22 AR-1248-2

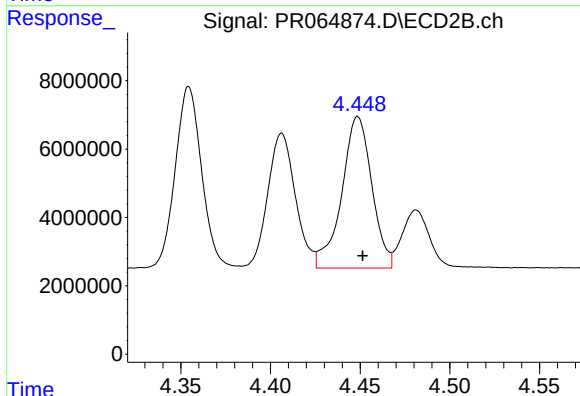
R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 42392675
Conc: 282.12 ng/ml



#23 AR-1248-3

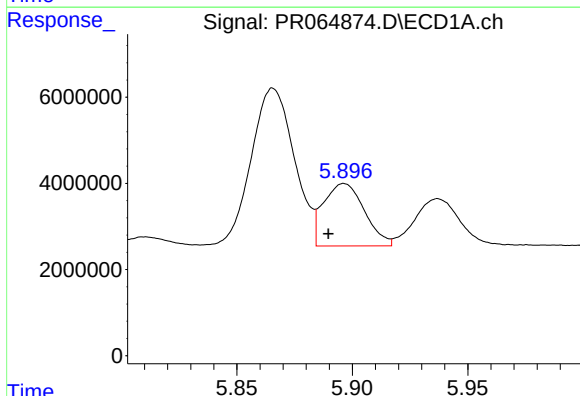
R.T.: 5.456 min
Delta R.T.: 0.005 min
Response: 55097207
Conc: 301.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



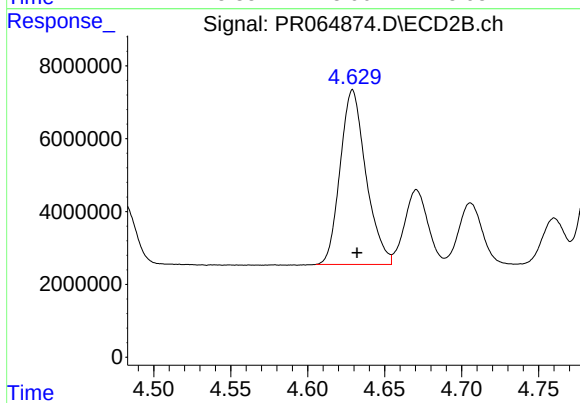
#23 AR-1248-3

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 51792408
Conc: 329.66 ng/ml



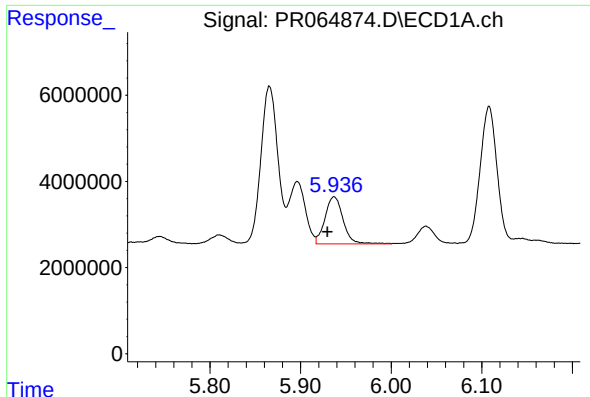
#24 AR-1248-4

R.T.: 5.896 min
Delta R.T.: 0.007 min
Response: 17880816
Conc: 91.42 ng/ml



#24 AR-1248-4

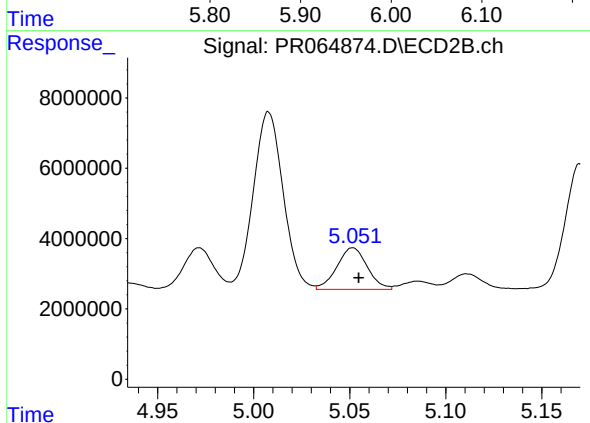
R.T.: 4.629 min
Delta R.T.: -0.003 min
Response: 55954071
Conc: 294.83 ng/ml



#25 AR-1248-5

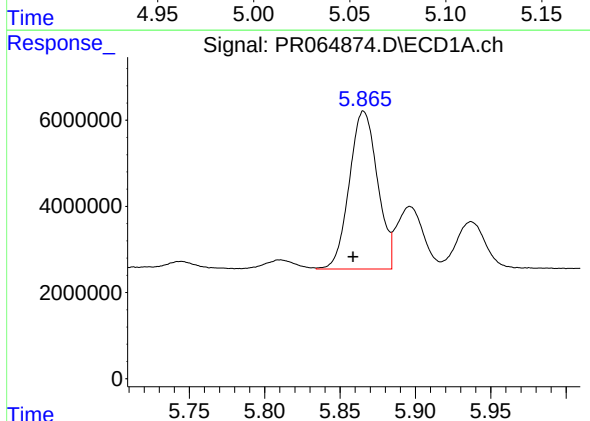
R.T.: 5.937 min
Delta R.T.: 0.007 min
Response: 15255578
Conc: 78.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



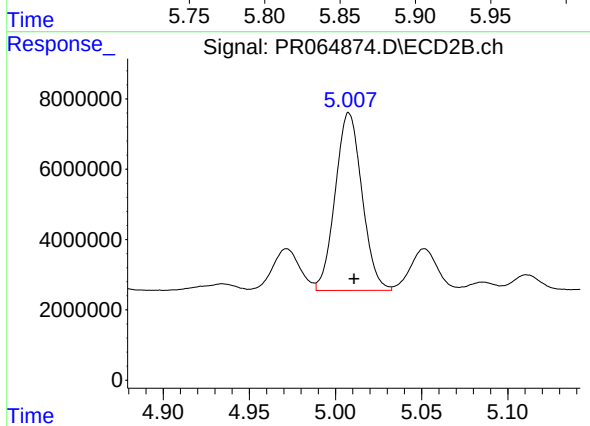
#25 AR-1248-5

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 13033750
Conc: 67.49 ng/ml



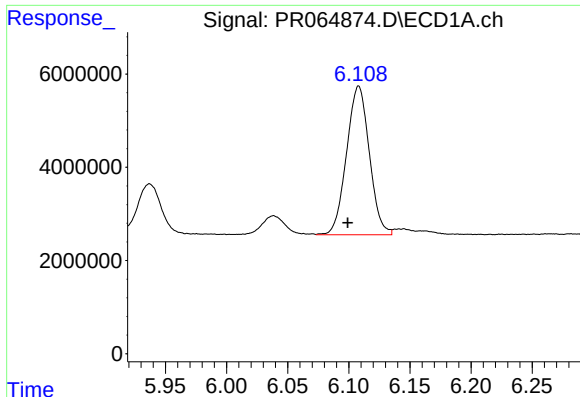
#26 AR-1254-1

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 47637477
Conc: 236.88 ng/ml



#26 AR-1254-1

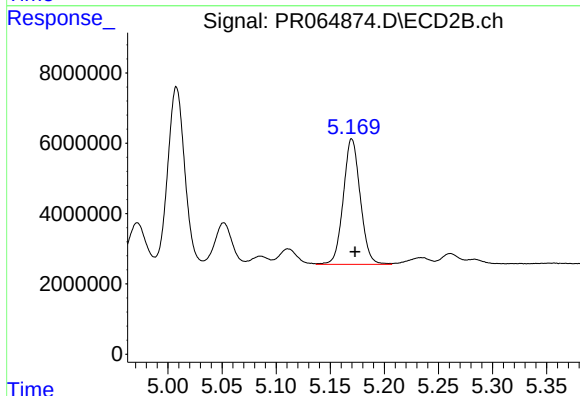
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 54640251
Conc: 190.07 ng/ml



#27 AR-1254-2

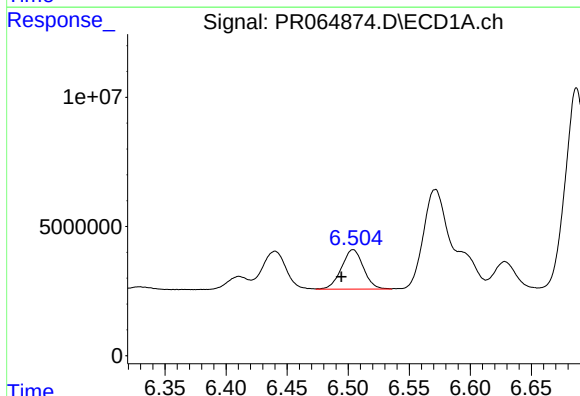
R.T.: 6.108 min
Delta R.T.: 0.009 min
Response: 41409048
Conc: 136.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



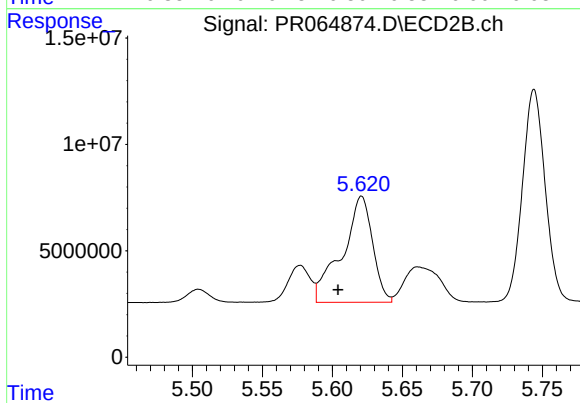
#27 AR-1254-2

R.T.: 5.170 min
Delta R.T.: -0.003 min
Response: 38960657
Conc: 156.45 ng/ml



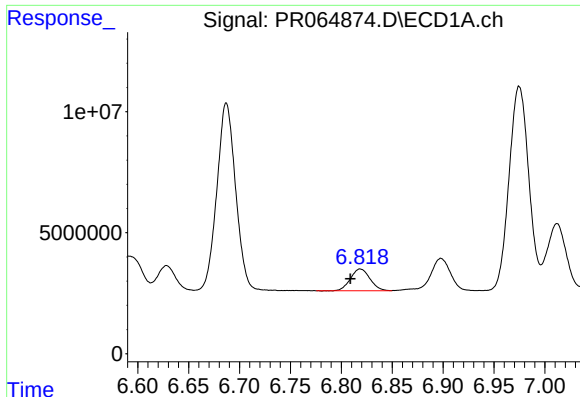
#28 AR-1254-3

R.T.: 6.504 min
Delta R.T.: 0.010 min
Response: 19175552
Conc: 61.61 ng/ml



#28 AR-1254-3

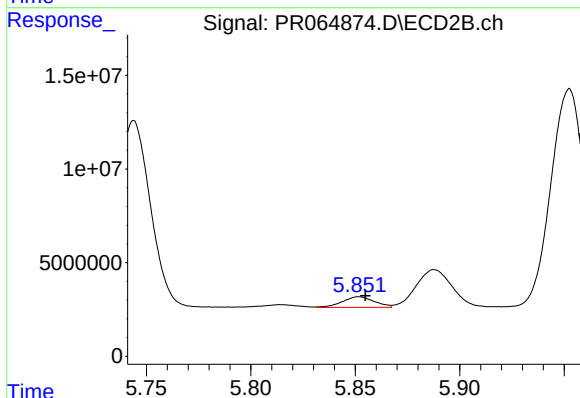
R.T.: 5.621 min
Delta R.T.: 0.017 min
Response: 75683485
Conc: 190.20 ng/ml



#29 AR-1254-4

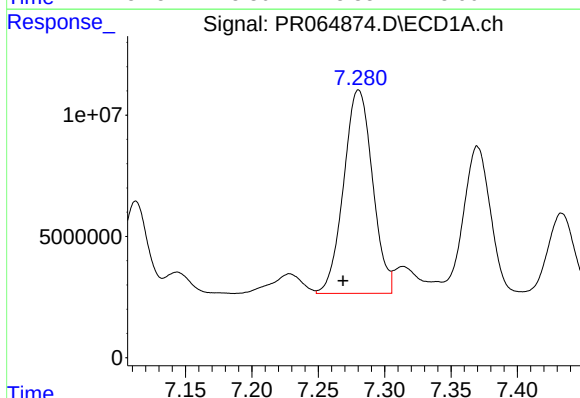
R.T.: 6.819 min
Delta R.T.: 0.010 min
Response: 11972842
Conc: 54.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



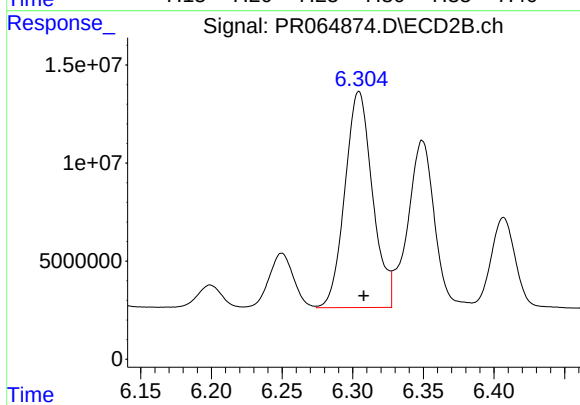
#29 AR-1254-4

R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 6029564
Conc: 24.15 ng/ml



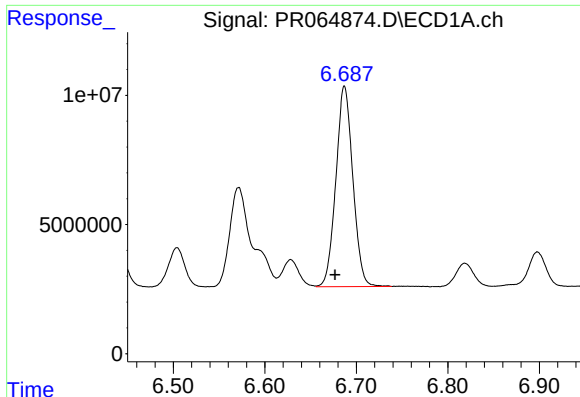
#30 AR-1254-5

R.T.: 7.280 min
Delta R.T.: 0.012 min
Response: 127111201
Conc: 535.21 ng/ml



#30 AR-1254-5

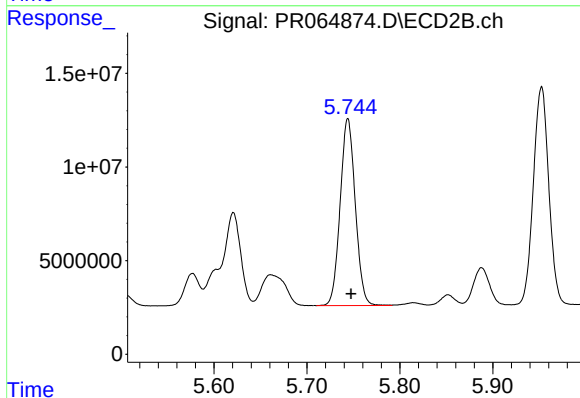
R.T.: 6.304 min
Delta R.T.: -0.003 min
Response: 149935377
Conc: 420.74 ng/ml



#31 AR-1260-1

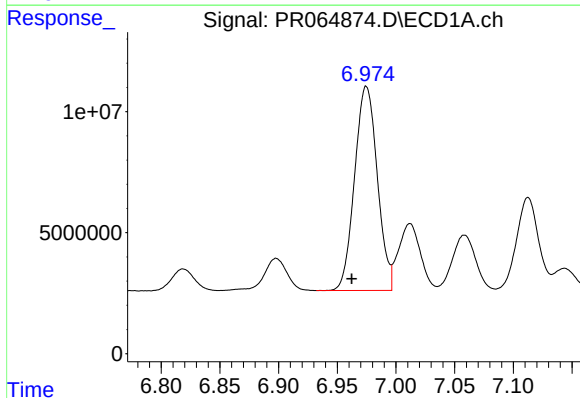
R.T.: 6.687 min
Delta R.T.: 0.010 min
Response: 99832929
Conc: 399.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



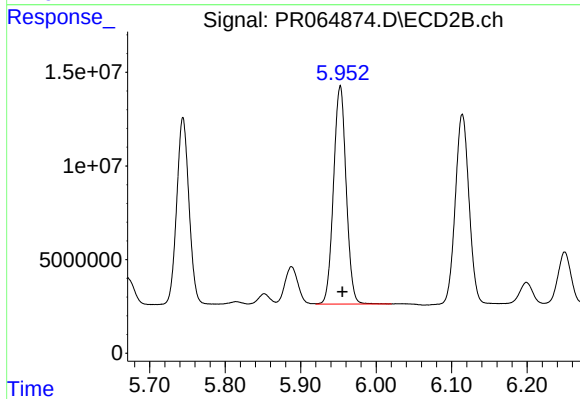
#31 AR-1260-1

R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 113056218
Conc: 391.23 ng/ml



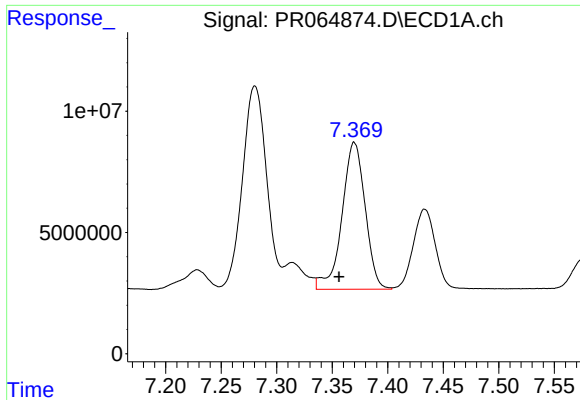
#32 AR-1260-2

R.T.: 6.975 min
Delta R.T.: 0.012 min
Response: 113636848
Conc: 397.54 ng/ml



#32 AR-1260-2

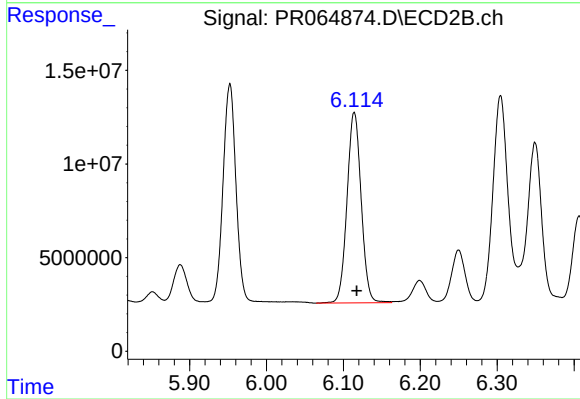
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 135720581
Conc: 390.64 ng/ml



#33 AR-1260-3

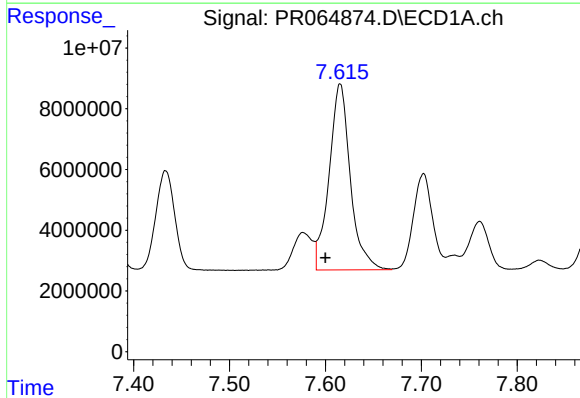
R.T.: 7.370 min
Delta R.T.: 0.014 min
Response: 87935935
Conc: 414.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



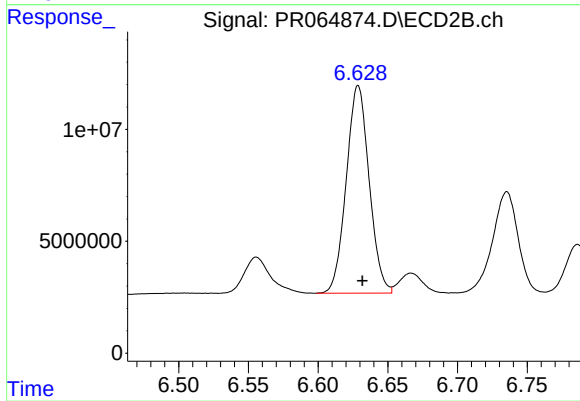
#33 AR-1260-3

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 130173354
Conc: 395.48 ng/ml



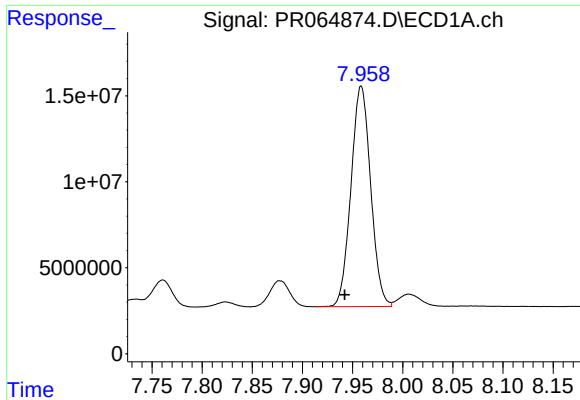
#34 AR-1260-4

R.T.: 7.615 min
Delta R.T.: 0.015 min
Response: 94342970
Conc: 410.45 ng/ml



#34 AR-1260-4

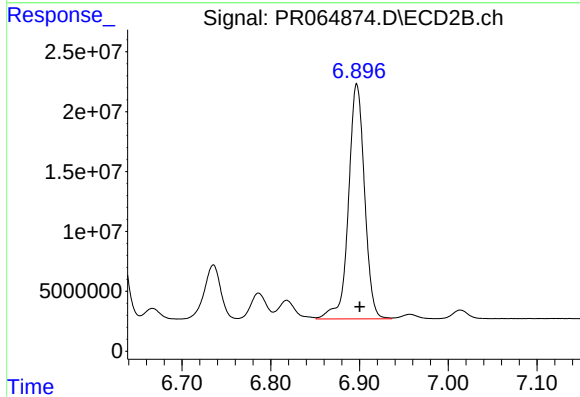
R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 106135550
Conc: 393.50 ng/ml



#35 AR-1260-5

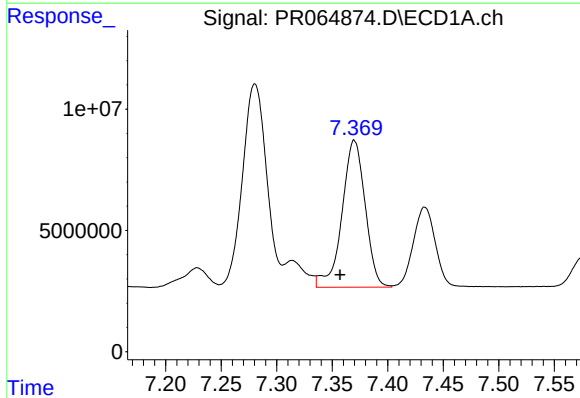
R.T.: 7.959 min
Delta R.T.: 0.016 min
Response: 175320064
Conc: 408.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



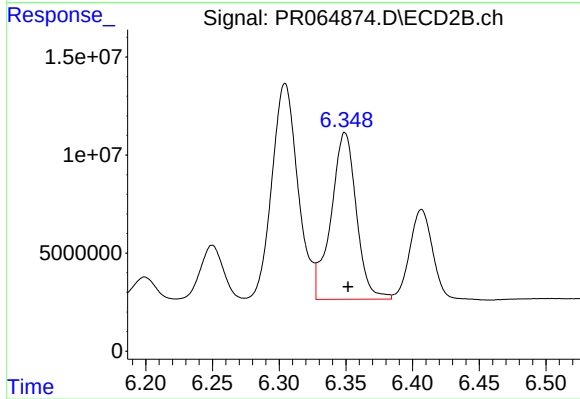
#35 AR-1260-5

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 246419152
Conc: 394.32 ng/ml



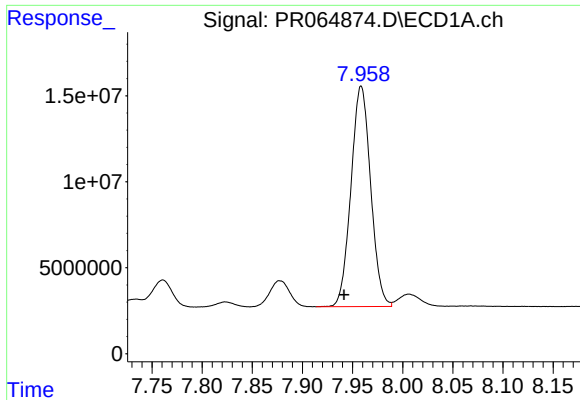
#36 AR-1262-1

R.T.: 7.370 min
Delta R.T.: 0.013 min
Response: 87935935
Conc: 305.80 ng/ml



#36 AR-1262-1

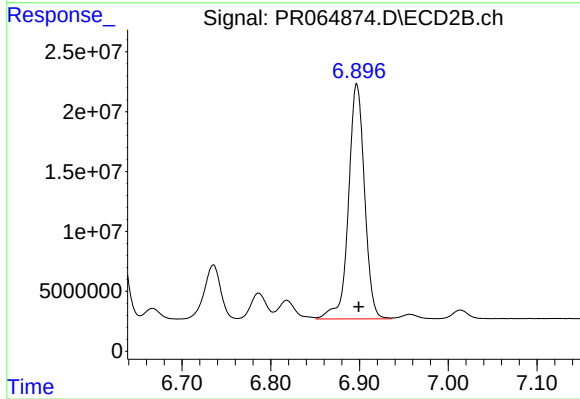
R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 112333619
Conc: 307.69 ng/ml



#37 AR-1262-2

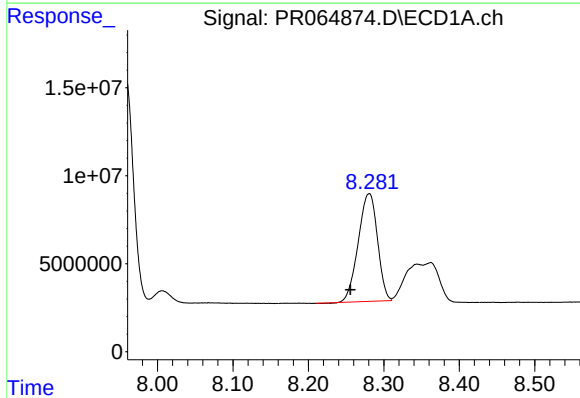
R.T.: 7.959 min
Delta R.T.: 0.017 min
Response: 175320064
Conc: 376.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



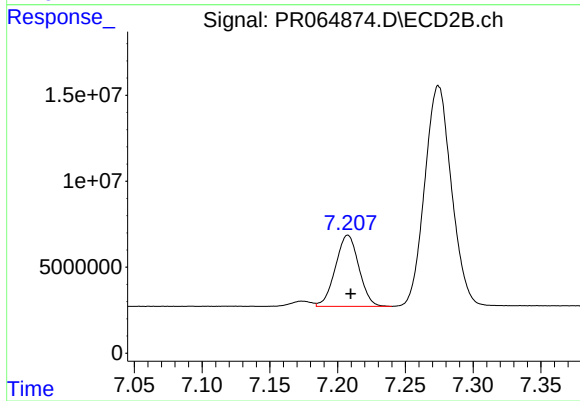
#37 AR-1262-2

R.T.: 6.897 min
Delta R.T.: -0.002 min
Response: 246419152
Conc: 373.51 ng/ml



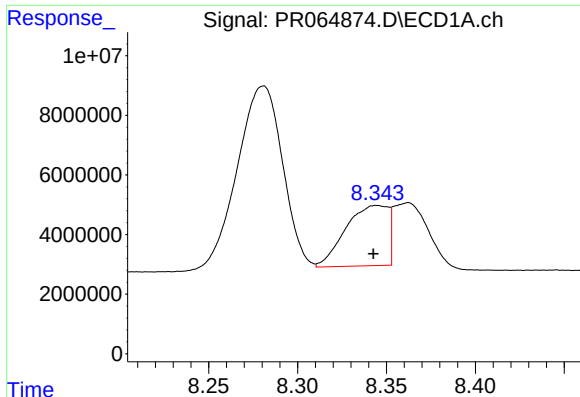
#38 AR-1262-3

R.T.: 8.281 min
Delta R.T.: 0.025 min
Response: 108389557
Conc: 343.78 ng/ml



#38 AR-1262-3

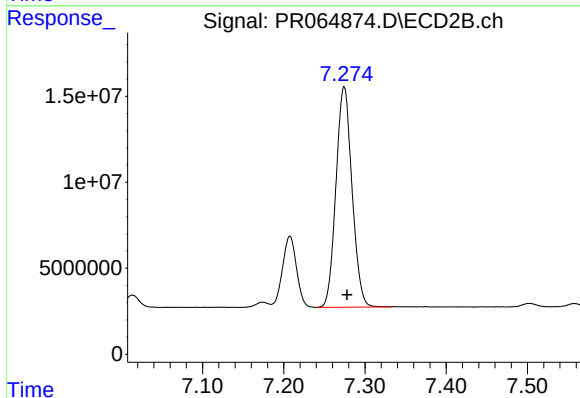
R.T.: 7.208 min
Delta R.T.: -0.002 min
Response: 49778975
Conc: 198.52 ng/ml



#39 AR-1262-4

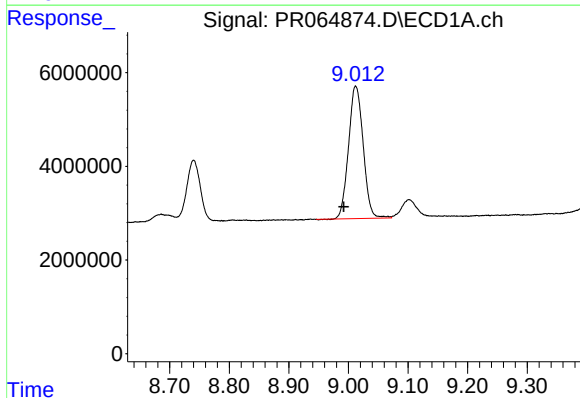
R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 33717194
Conc: 141.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



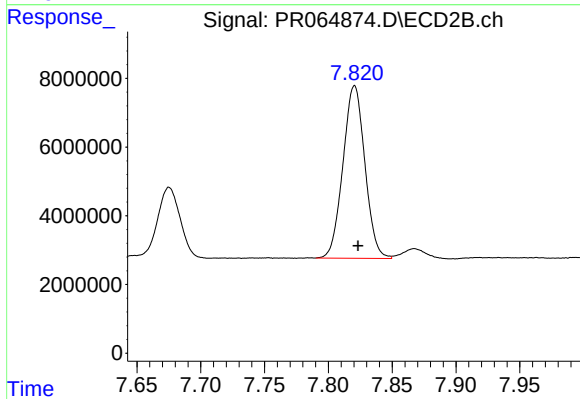
#39 AR-1262-4

R.T.: 7.274 min
Delta R.T.: -0.004 min
Response: 176441662
Conc: 369.67 ng/ml



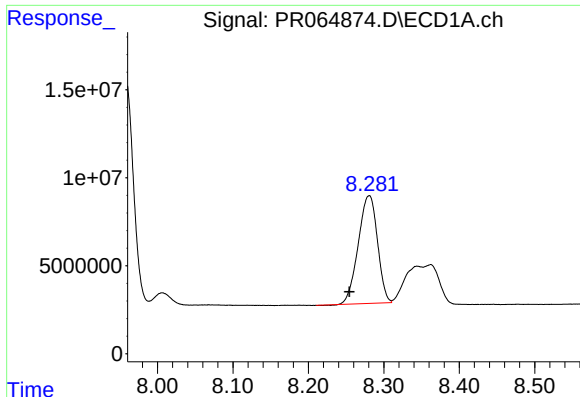
#40 AR-1262-5

R.T.: 9.012 min
Delta R.T.: 0.020 min
Response: 48380732
Conc: 297.69 ng/ml



#40 AR-1262-5

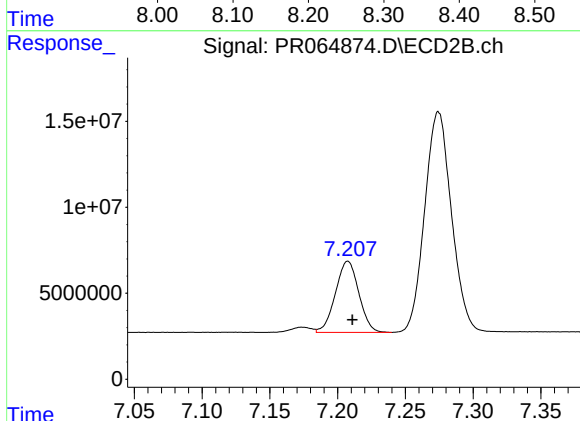
R.T.: 7.821 min
Delta R.T.: -0.003 min
Response: 60141623
Conc: 283.25 ng/ml



#41 AR-1268-1

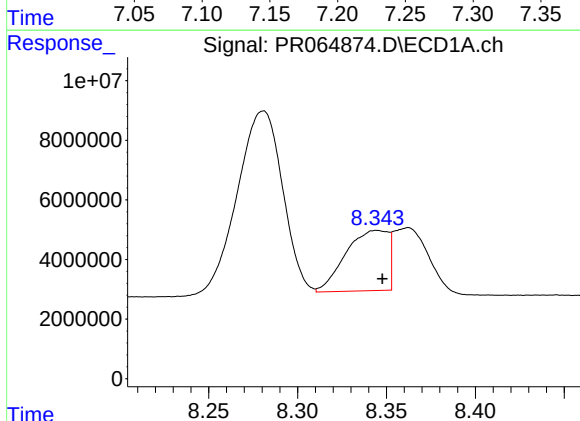
R.T.: 8.281 min
Delta R.T.: 0.026 min
Response: 108389557
Conc: 190.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



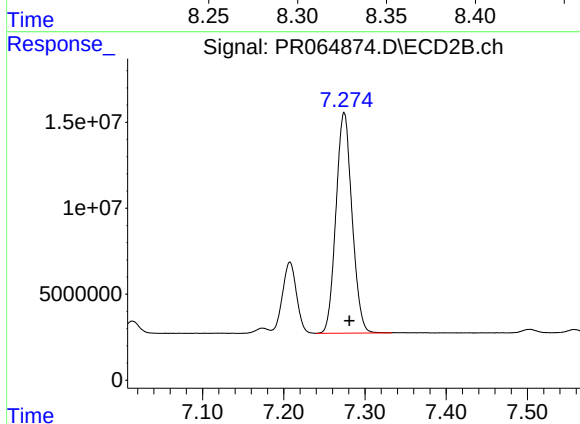
#41 AR-1268-1

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 49778975
Conc: 63.68 ng/ml



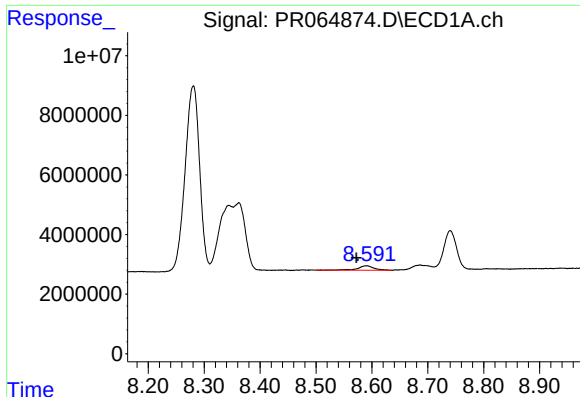
#42 AR-1268-2

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 33717194
Conc: 66.61 ng/ml



#42 AR-1268-2

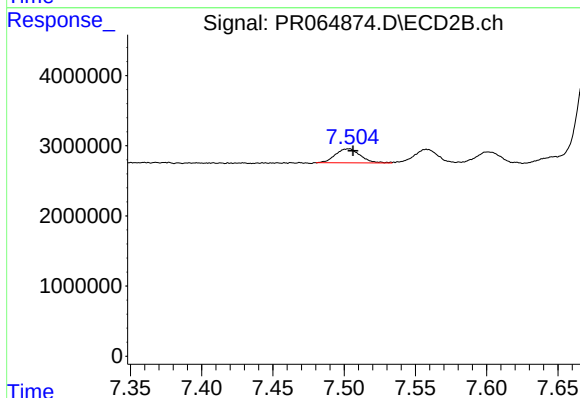
R.T.: 7.274 min
Delta R.T.: -0.006 min
Response: 176441662
Conc: 245.87 ng/ml



#43 AR-1268-3

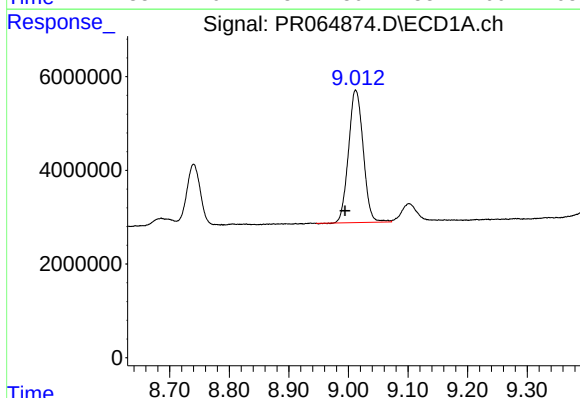
R.T.: 8.591 min
Delta R.T.: 0.019 min
Response: 3039572
Conc: 6.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



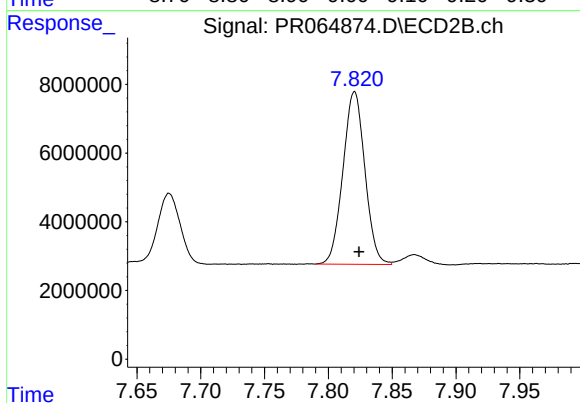
#43 AR-1268-3

R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 2429297
Conc: 4.06 ng/ml



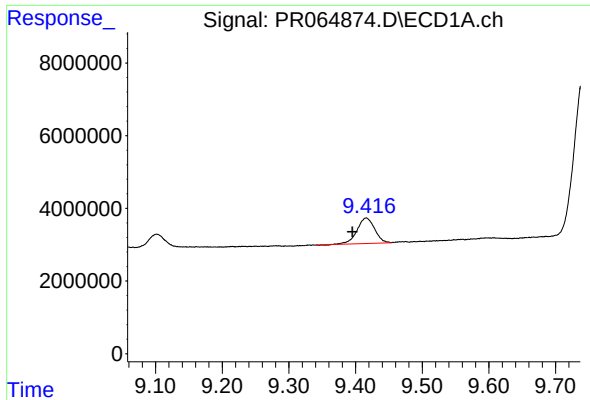
#44 AR-1268-4

R.T.: 9.012 min
Delta R.T.: 0.018 min
Response: 48380732
Conc: 260.35 ng/ml



#44 AR-1268-4

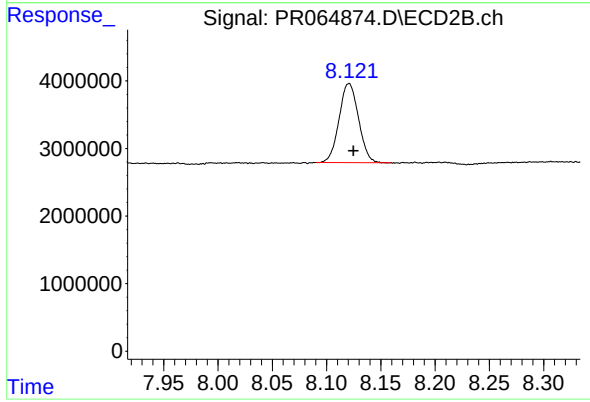
R.T.: 7.821 min
Delta R.T.: -0.003 min
Response: 60141623
Conc: 240.74 ng/ml



#45 AR-1268-5

R.T.: 9.416 min
Delta R.T.: 0.021 min
Response: 12902946
Conc: 9.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603297



#45 AR-1268-5

R.T.: 8.121 min
Delta R.T.: -0.004 min
Response: 14575049
Conc: 8.11 ng/ml