

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112223\
 Data File : PR064549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2023 07:13
 Operator : AJ\MA
 Sample : 05459-22MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 07:37:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 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	3.009	105.1E6	95365501	17.240	16.767
2)	SA Decachlor...	9.722	8.388	62216957	73795129	17.624	17.042
Target Compounds							
3)	L1 AR-1016-1	4.941	4.157	74815127	80384419	410.495	421.236
4)	L1 AR-1016-2	4.963	4.176	109.4E6	108.3E6	408.080	408.367
5)	L1 AR-1016-3	5.029	4.359	69684514	59786144	417.253	418.966
6)	L1 AR-1016-4	5.132	4.410	56769202	44774840	415.923	419.006
7)	L1 AR-1016-5	5.452	4.634	53943828	57203948	407.293	398.301
8)	L2 AR-1221-1	3.924	3.238	9322555	6939939	134.354	108.055
9)	L2 AR-1221-2	4.017	3.328	9948206	9042799	210.249	203.954
10)	L2 AR-1221-3	4.095	3.407	42815340	39990520	274.327	261.550
11)	L3 AR-1232-1	4.095	3.407	42815340	39990520	333.595	317.245
12)	L3 AR-1232-2	4.652	4.176	60620404	108.3E6	949.388	891.753
13)	L3 AR-1232-3	4.963	4.359	109.4E6	59786144	917.475	936.247
14)	L3 AR-1232-4	5.132	4.453	56769202	55037012	960.039	958.629
15)	L3 AR-1232-5	5.238	4.634	45429243	57203948	1028.158	916.238
16)	L4 AR-1242-1	4.941	4.157	74815127	80384419	488.174	494.619
17)	L4 AR-1242-2	4.963	4.176	109.4E6	108.3E6	487.880	485.381
18)	L4 AR-1242-3	5.029	4.359	69684514	59786144	494.995	498.024
19)	L4 AR-1242-4	5.132	4.453	56769202	55037012	493.935	480.676
20)	L4 AR-1242-5	5.930	5.013	7929718	51544693	68.808	347.718 #
21)	L5 AR-1248-1	4.941	4.157	74815127	80384419	633.421	650.955
22)	L5 AR-1248-2	5.238	4.410	45429243	44774840	278.181	273.422
23)	L5 AR-1248-3	5.452	4.453	53943828	55037012	285.845	320.459
24)	L5 AR-1248-4	5.889	4.634	8463895	57203948	41.404	275.358 #
25)	L5 AR-1248-5	5.930	5.056	7929718	13626103	39.171	65.818 #
26)	L6 AR-1254-1	5.859	5.013	41266708	51544693	203.221	166.460
27)	L6 AR-1254-2	6.101	5.176	45874008	50984661	149.329	189.880 #
28)	L6 AR-1254-3	6.496	5.607	24710666	27617285	78.689	65.122
29)	L6 AR-1254-4	6.810	5.858	13916970	10466132	64.465	39.620 #
30)	L6 AR-1254-5	7.269	6.310	122.2E6	155.2E6	522.894	411.048
31)	L7 AR-1260-1	6.679	5.750	94054034	113.5E6	393.485	388.237
32)	L7 AR-1260-2	6.964	5.958	102.0E6	128.9E6	372.873	367.592
33)	L7 AR-1260-3	7.358	6.120	69750040	125.3E6	351.004	371.977
34)	L7 AR-1260-4	7.601	6.635	97775321	88169131	442.580	328.138 #
35)	L7 AR-1260-5	7.944	6.903	138.8E6	203.1E6	334.405	322.264
36)	L8 AR-1262-1	7.358	6.355	69750040	91417518	242.456	235.529
37)	L8 AR-1262-2	7.944	6.903	138.8E6	203.1E6	299.302	292.167
38)	L8 AR-1262-3	8.265	7.213	88616696	35298110	287.130	142.021 #
39)	L8 AR-1262-4	8.347	7.280	21653976	148.7E6	93.899	294.555 #
40)	L8 AR-1262-5	8.995	7.826	33382255	42775350	212.071	189.180
41)	L9 AR-1268-1	8.265	7.213	88616696	35298110	167.221	49.149 #

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 ALS Vial : 54 Sample Multiplier: 1

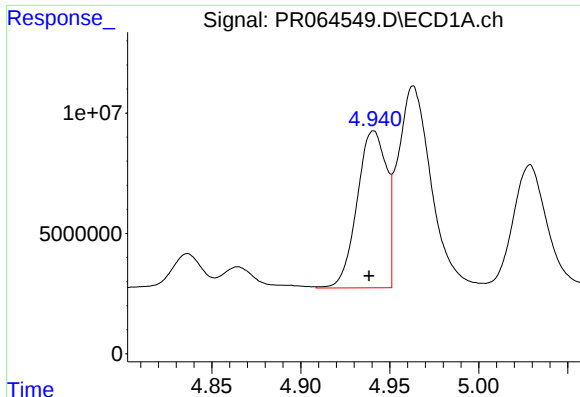
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 07:37:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
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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	8.347	7.280	21653976	148.7E6	46.238	207.418 #
43) L9	AR-1268-3	8.573	7.510	2822476	3568755	6.886	5.836
44) L9	AR-1268-4	8.995	7.826	33382255	42775350	196.464	170.547
45) L9	AR-1268-5	9.396	8.127	10646511	13279990	8.231	7.298

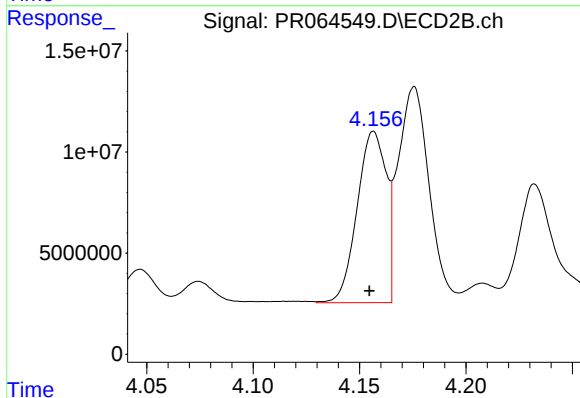
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

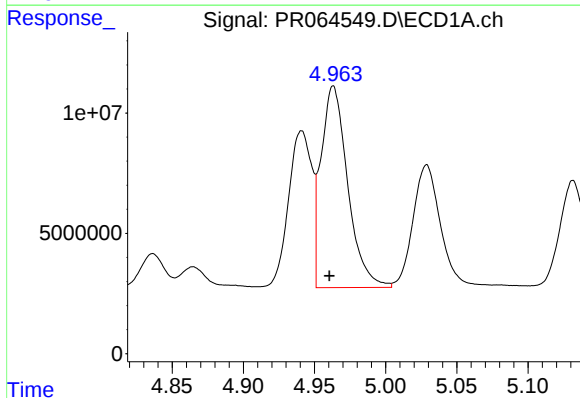
R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 74815127
Conc: 410.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



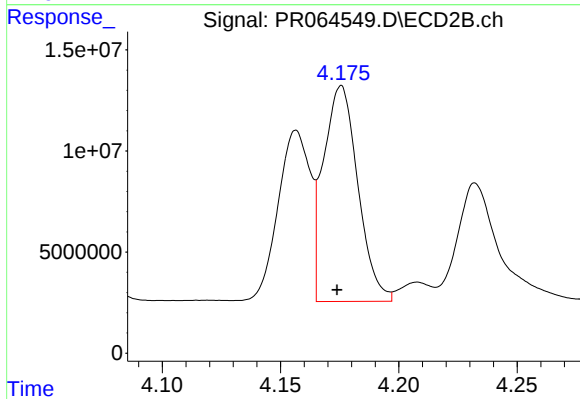
#3 AR-1016-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 80384419
Conc: 421.24 ng/ml



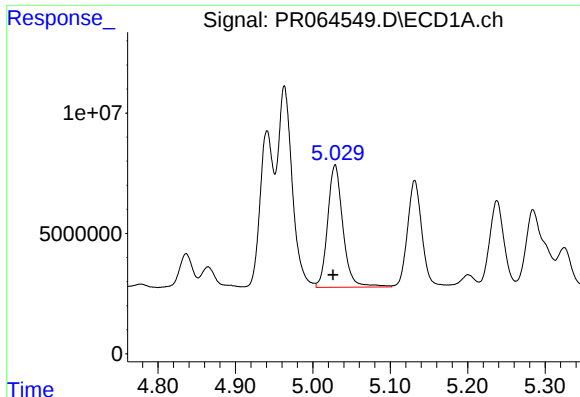
#4 AR-1016-2

R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 109402915
Conc: 408.08 ng/ml



#4 AR-1016-2

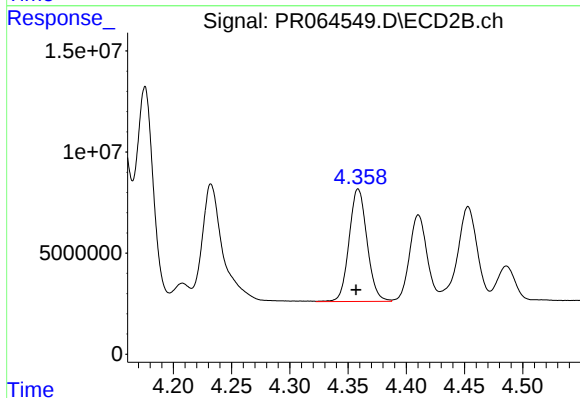
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 108317751
Conc: 408.37 ng/ml



#5 AR-1016-3

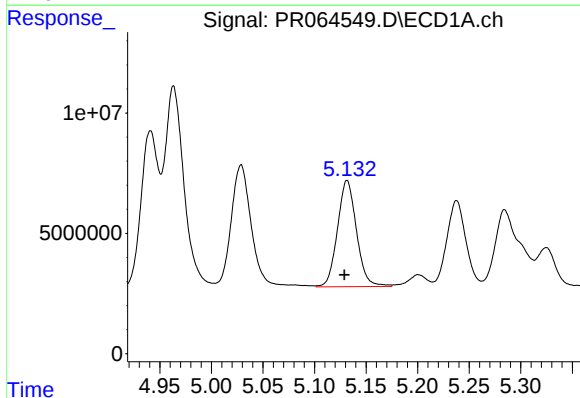
R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 69684514
Conc: 417.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



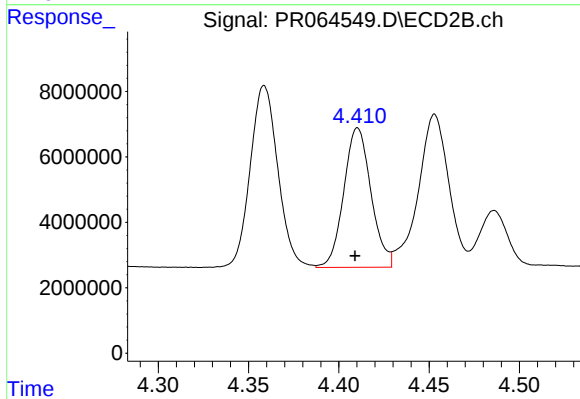
#5 AR-1016-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 59786144
Conc: 418.97 ng/ml



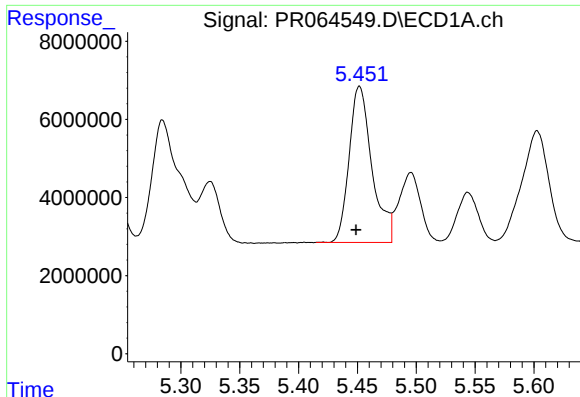
#6 AR-1016-4

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 56769202
Conc: 415.92 ng/ml



#6 AR-1016-4

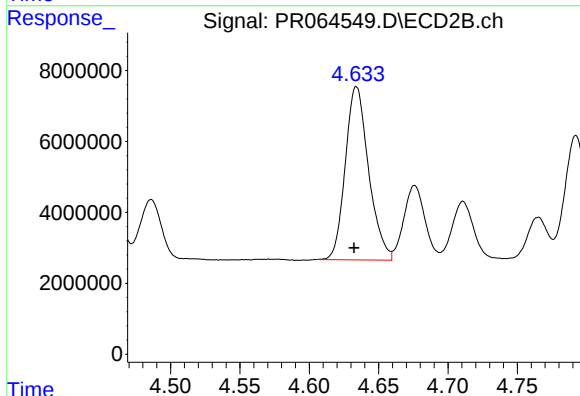
R.T.: 4.410 min
Delta R.T.: 0.002 min
Response: 44774840
Conc: 419.01 ng/ml



#7 AR-1016-5

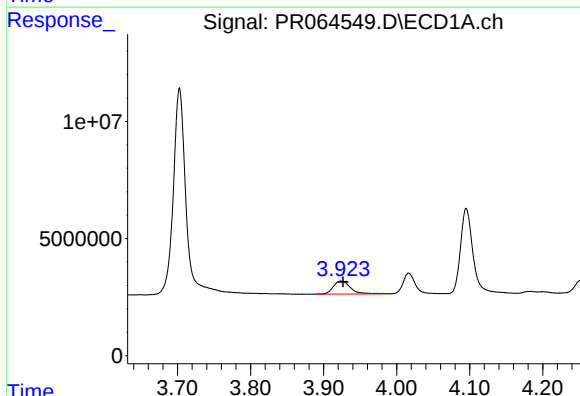
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 53943828
Conc: 407.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



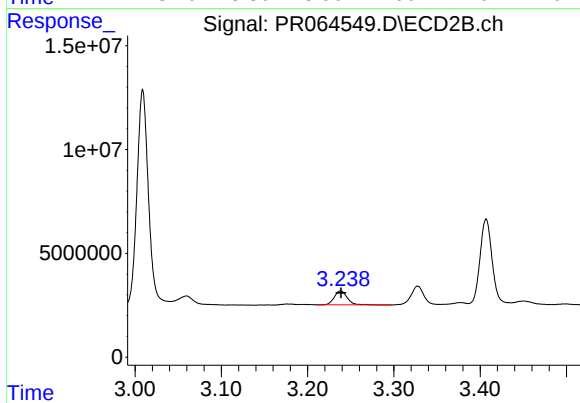
#7 AR-1016-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 57203948
Conc: 398.30 ng/ml



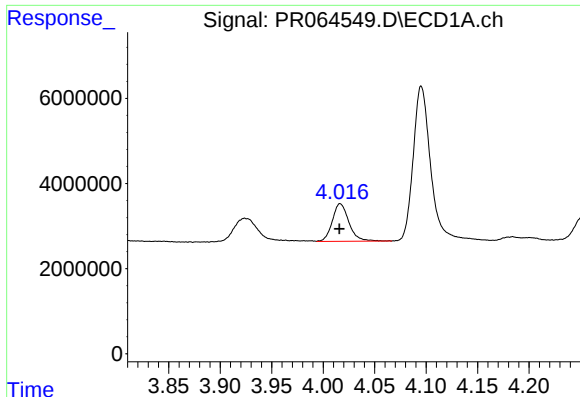
#8 AR-1221-1

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 9322555
Conc: 134.35 ng/ml



#8 AR-1221-1

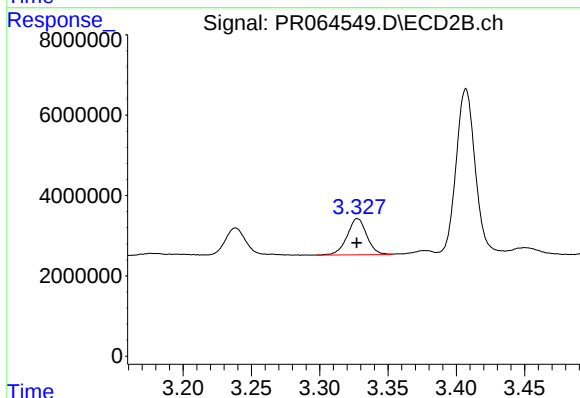
R.T.: 3.238 min
Delta R.T.: 0.000 min
Response: 6939939
Conc: 108.06 ng/ml



#9 AR-1221-2

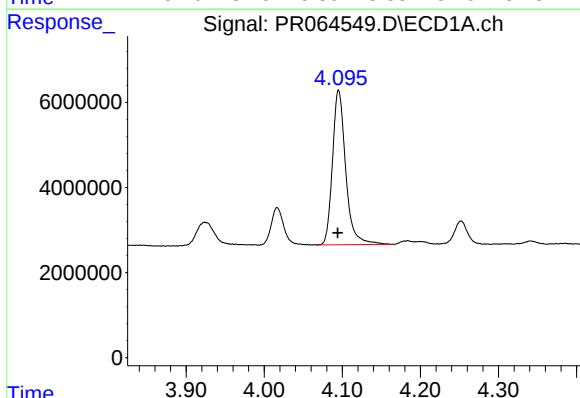
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 9948206
Conc: 210.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



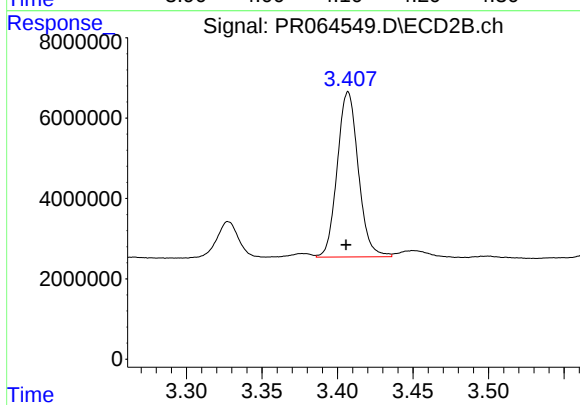
#9 AR-1221-2

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 9042799
Conc: 203.95 ng/ml



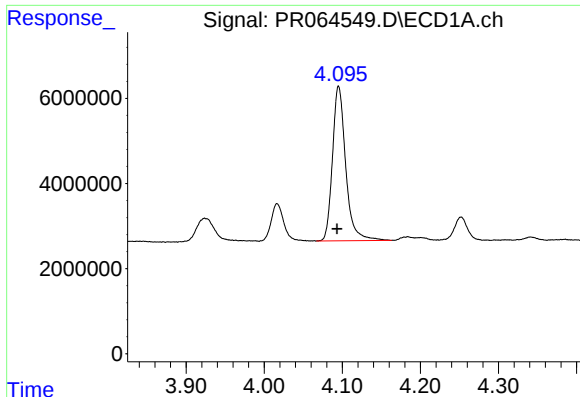
#10 AR-1221-3

R.T.: 4.095 min
Delta R.T.: 0.001 min
Response: 42815340
Conc: 274.33 ng/ml



#10 AR-1221-3

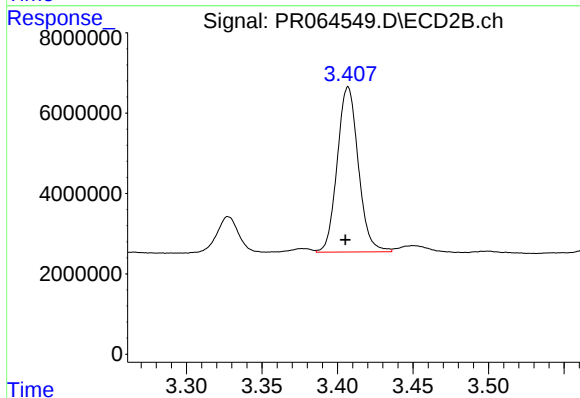
R.T.: 3.407 min
Delta R.T.: 0.001 min
Response: 39990520
Conc: 261.55 ng/ml



#11 AR-1232-1

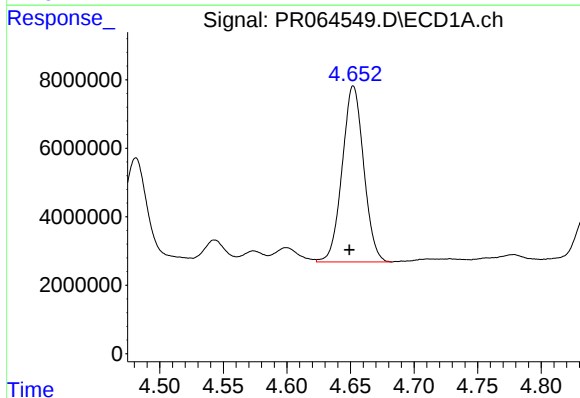
R.T.: 4.095 min
Delta R.T.: 0.002 min
Response: 42815340
Conc: 333.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



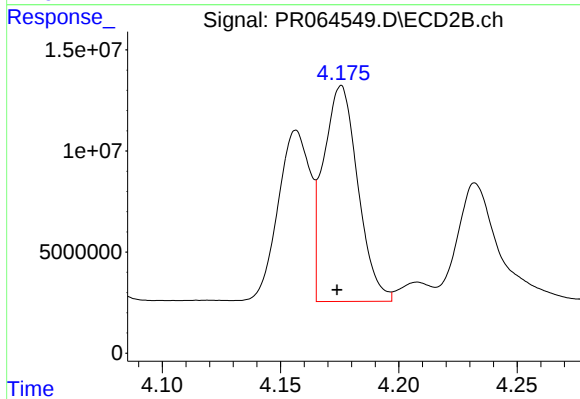
#11 AR-1232-1

R.T.: 3.407 min
Delta R.T.: 0.002 min
Response: 39990520
Conc: 317.25 ng/ml



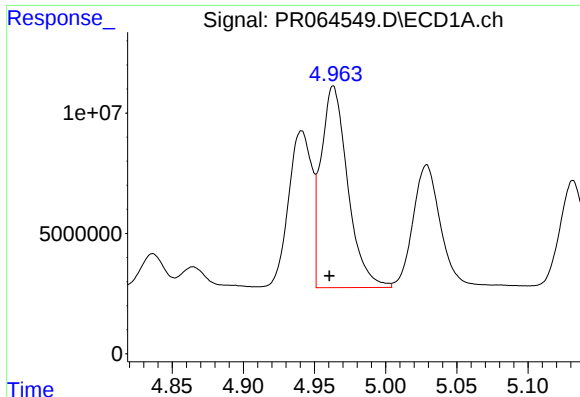
#12 AR-1232-2

R.T.: 4.652 min
Delta R.T.: 0.003 min
Response: 60620404
Conc: 949.39 ng/ml



#12 AR-1232-2

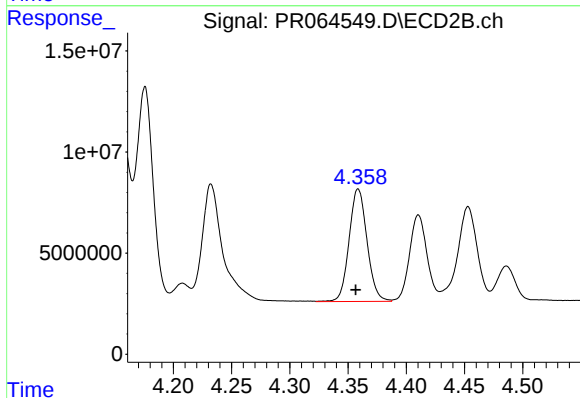
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 108317751
Conc: 891.75 ng/ml



#13 AR-1232-3

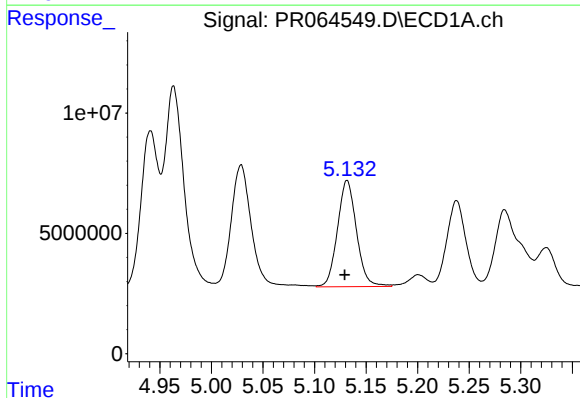
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 109402915
Conc: 917.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



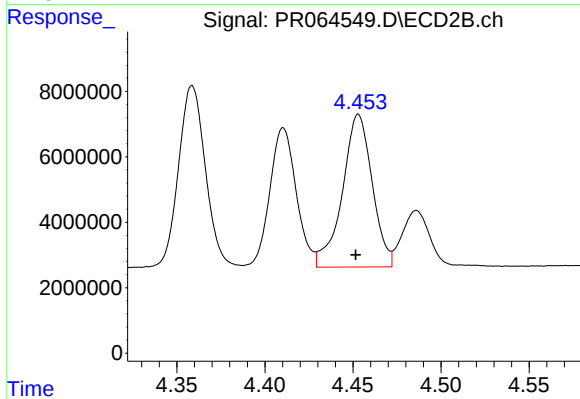
#13 AR-1232-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 59786144
Conc: 936.25 ng/ml



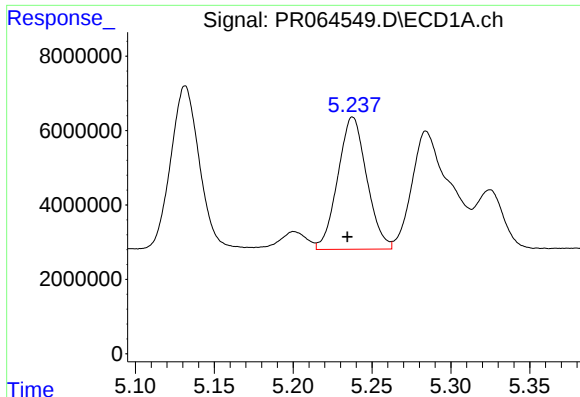
#14 AR-1232-4

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 56769202
Conc: 960.04 ng/ml



#14 AR-1232-4

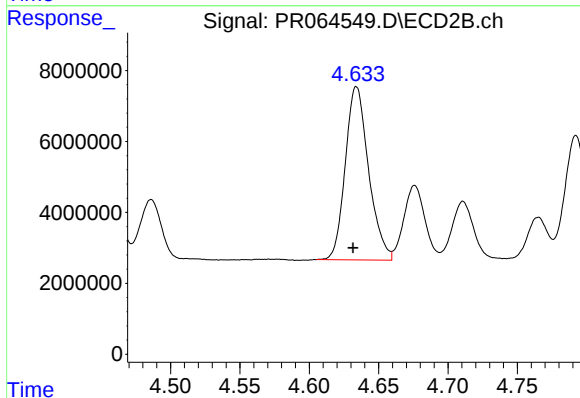
R.T.: 4.453 min
Delta R.T.: 0.002 min
Response: 55037012
Conc: 958.63 ng/ml



#15 AR-1232-5

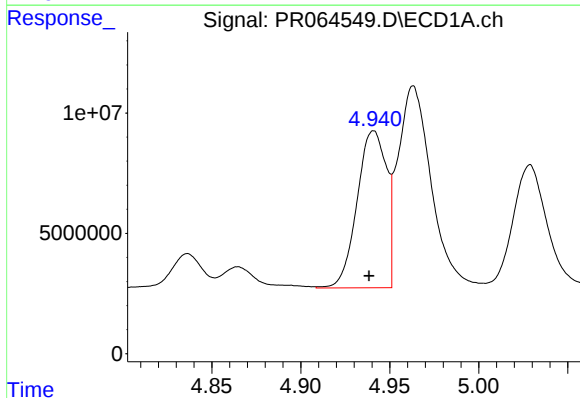
R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 45429243
Conc: 1028.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



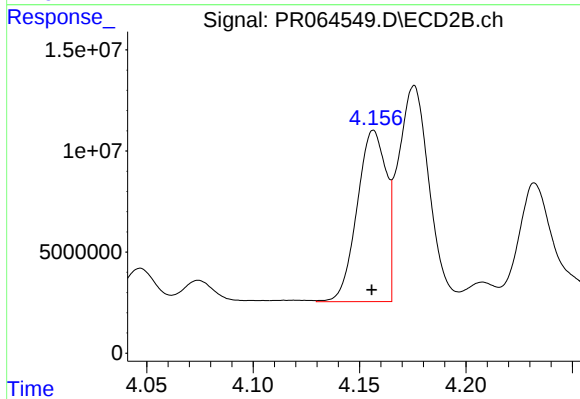
#15 AR-1232-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 57203948
Conc: 916.24 ng/ml



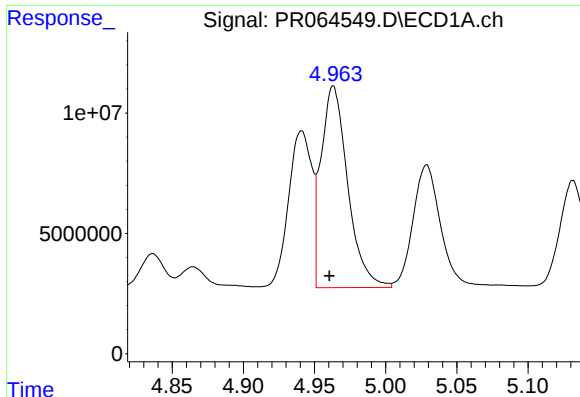
#16 AR-1242-1

R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 74815127
Conc: 488.17 ng/ml



#16 AR-1242-1

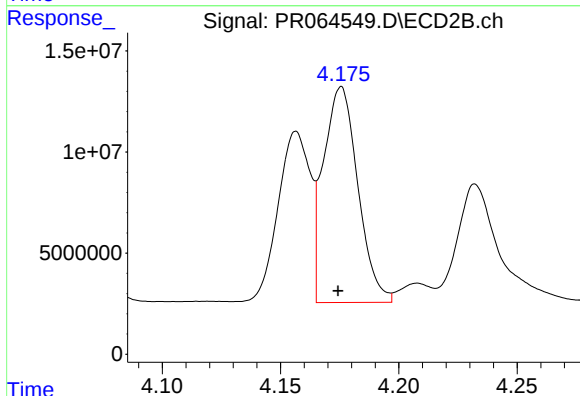
R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 80384419
Conc: 494.62 ng/ml



#17 AR-1242-2

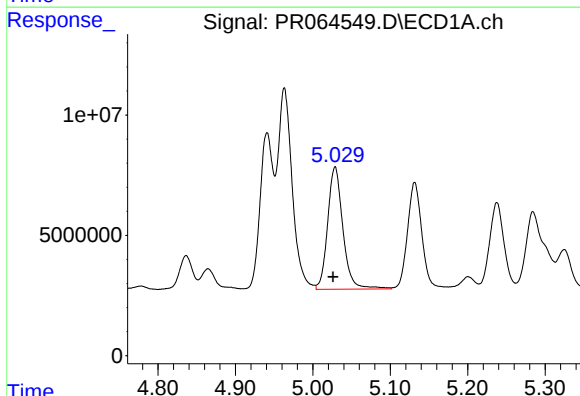
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 109402915
Conc: 487.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



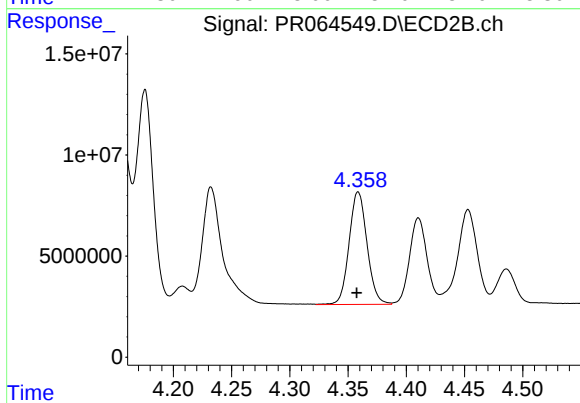
#17 AR-1242-2

R.T.: 4.176 min
Delta R.T.: 0.001 min
Response: 108317751
Conc: 485.38 ng/ml



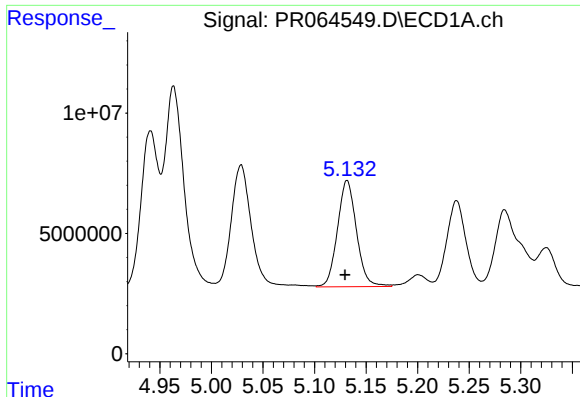
#18 AR-1242-3

R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 69684514
Conc: 495.00 ng/ml



#18 AR-1242-3

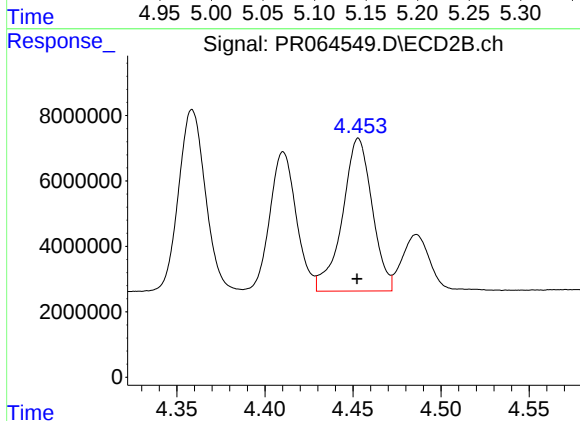
R.T.: 4.359 min
Delta R.T.: 0.001 min
Response: 59786144
Conc: 498.02 ng/ml



#19 AR-1242-4

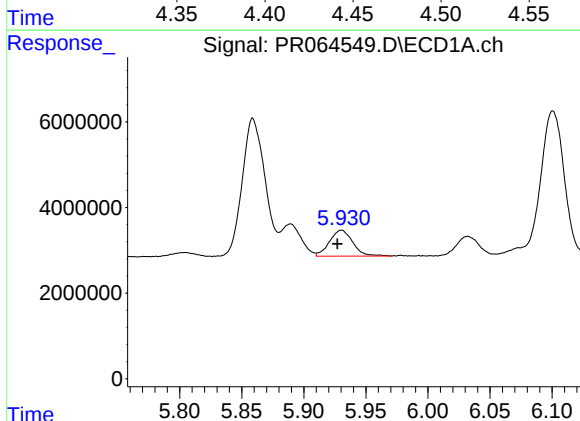
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 56769202
Conc: 493.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



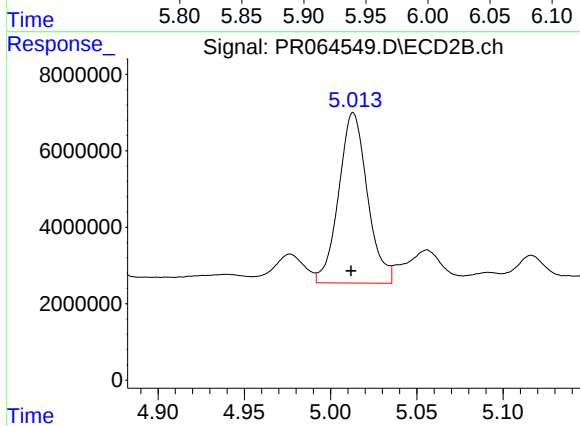
#19 AR-1242-4

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 55037012
Conc: 480.68 ng/ml



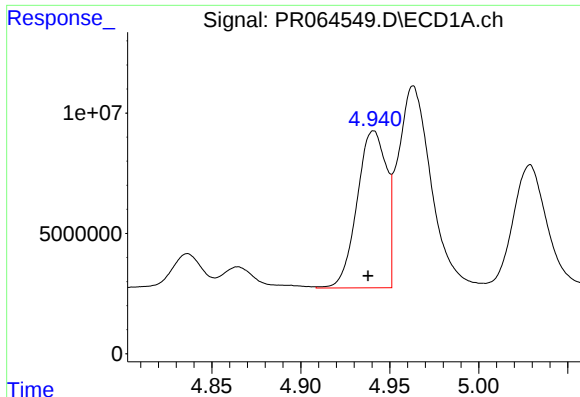
#20 AR-1242-5

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 7929718
Conc: 68.81 ng/ml



#20 AR-1242-5

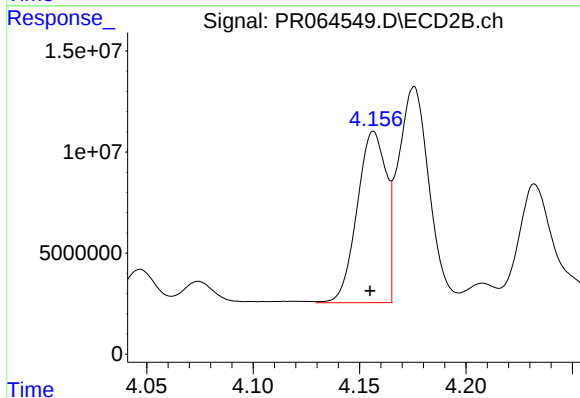
R.T.: 5.013 min
Delta R.T.: 0.001 min
Response: 51544693
Conc: 347.72 ng/ml



#21 AR-1248-1

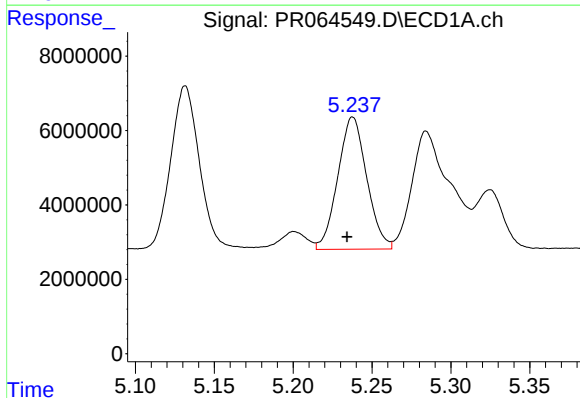
R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 74815127
Conc: 633.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



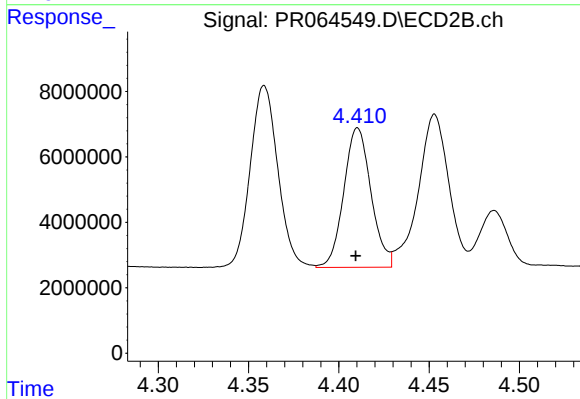
#21 AR-1248-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 80384419
Conc: 650.96 ng/ml



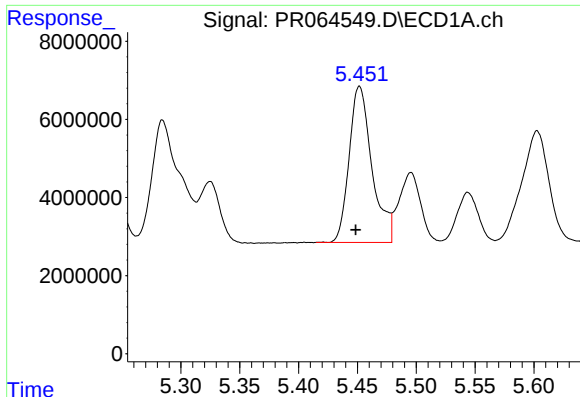
#22 AR-1248-2

R.T.: 5.238 min
Delta R.T.: 0.004 min
Response: 45429243
Conc: 278.18 ng/ml



#22 AR-1248-2

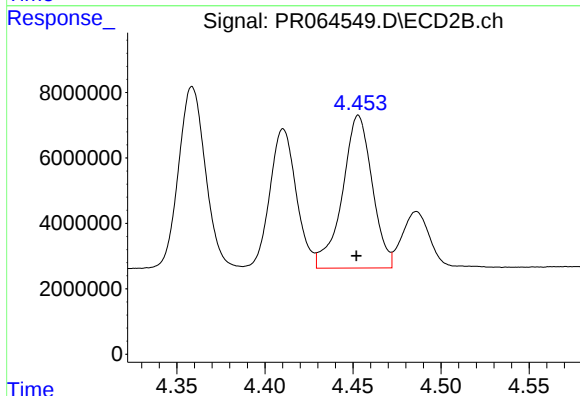
R.T.: 4.410 min
Delta R.T.: 0.001 min
Response: 44774840
Conc: 273.42 ng/ml



#23 AR-1248-3

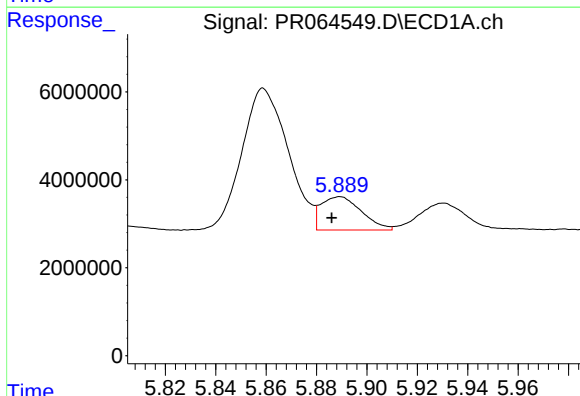
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 53943828
Conc: 285.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



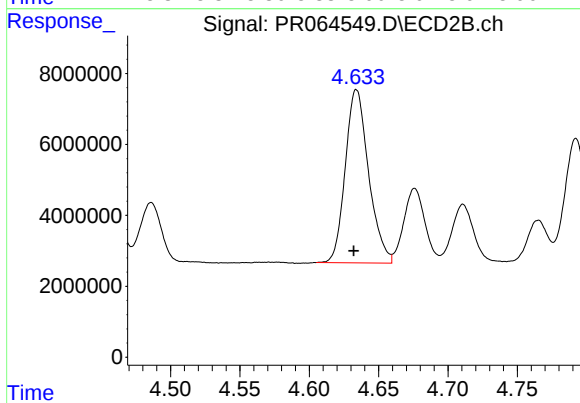
#23 AR-1248-3

R.T.: 4.453 min
Delta R.T.: 0.001 min
Response: 55037012
Conc: 320.46 ng/ml



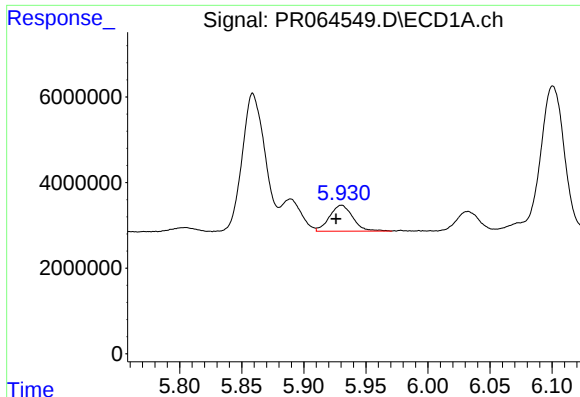
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 8463895
Conc: 41.40 ng/ml



#24 AR-1248-4

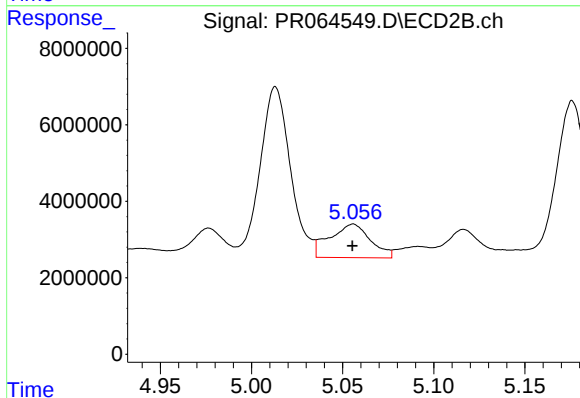
R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 57203948
Conc: 275.36 ng/ml



#25 AR-1248-5

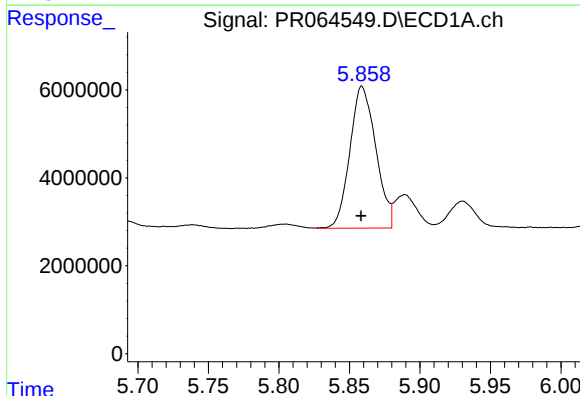
R.T.: 5.930 min
Delta R.T.: 0.005 min
Response: 7929718
Conc: 39.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



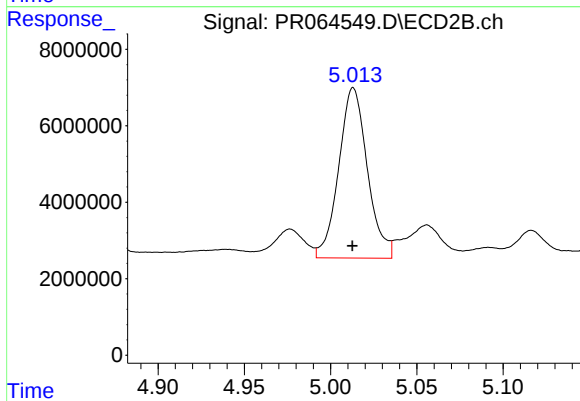
#25 AR-1248-5

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 13626103
Conc: 65.82 ng/ml



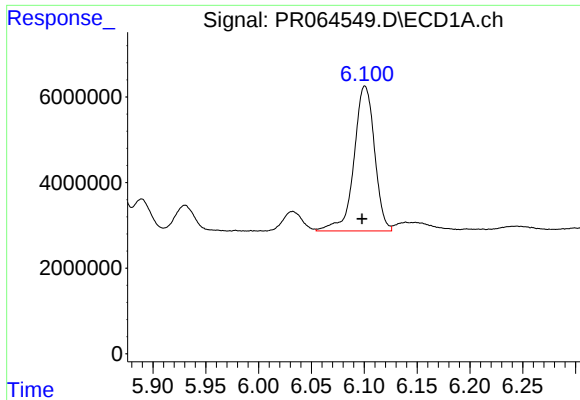
#26 AR-1254-1

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 41266708
Conc: 203.22 ng/ml



#26 AR-1254-1

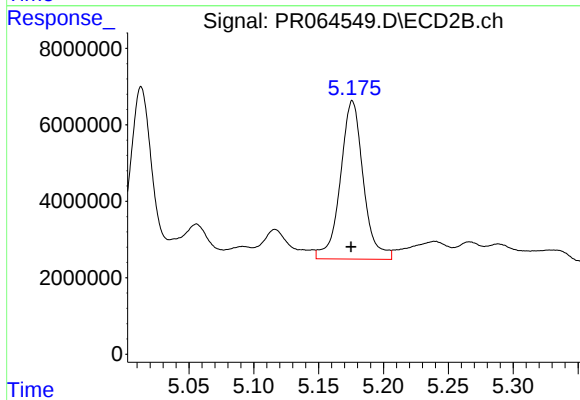
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 51544693
Conc: 166.46 ng/ml



#27 AR-1254-2

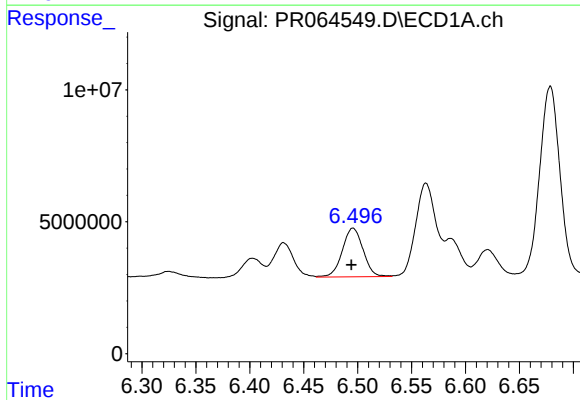
R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 45874008
Conc: 149.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



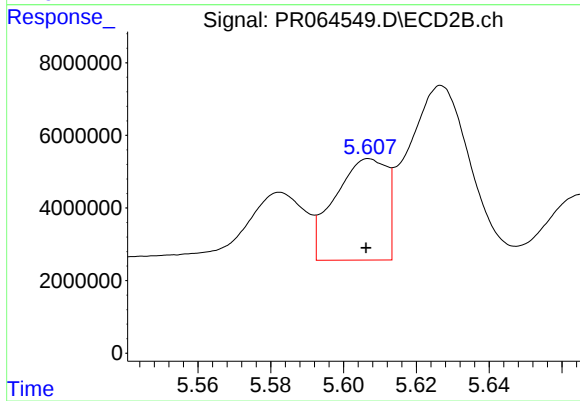
#27 AR-1254-2

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 50984661
Conc: 189.88 ng/ml



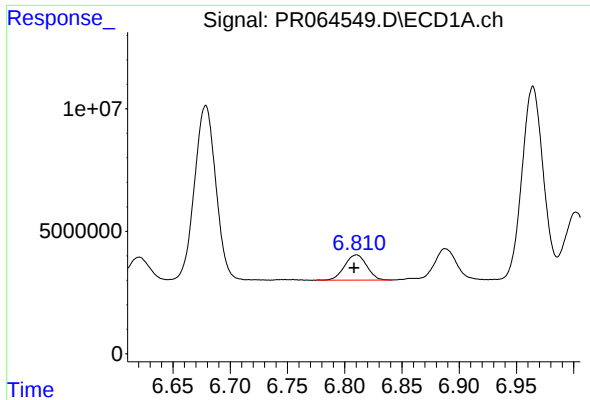
#28 AR-1254-3

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 24710666
Conc: 78.69 ng/ml



#28 AR-1254-3

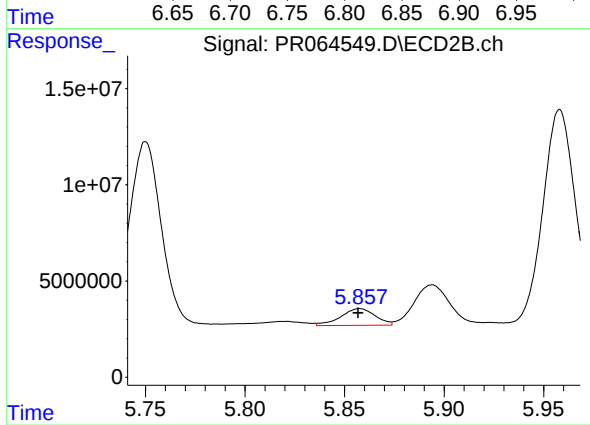
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 27617285
Conc: 65.12 ng/ml



#29 AR-1254-4

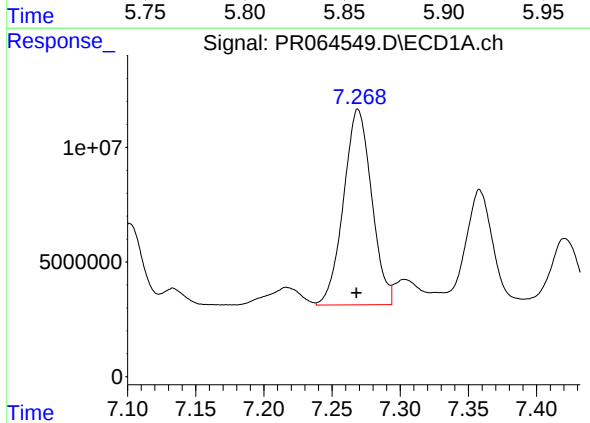
R.T.: 6.810 min
Delta R.T.: 0.002 min
Response: 13916970
Conc: 64.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



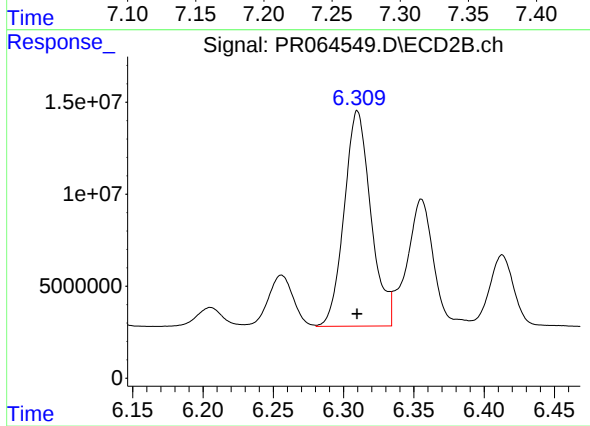
#29 AR-1254-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 10466132
Conc: 39.62 ng/ml



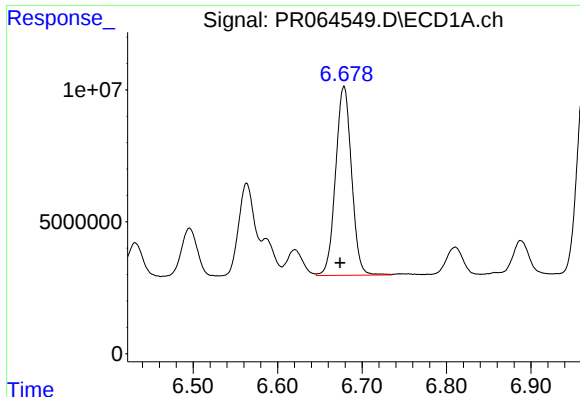
#30 AR-1254-5

R.T.: 7.269 min
Delta R.T.: 0.001 min
Response: 122197158
Conc: 522.89 ng/ml



#30 AR-1254-5

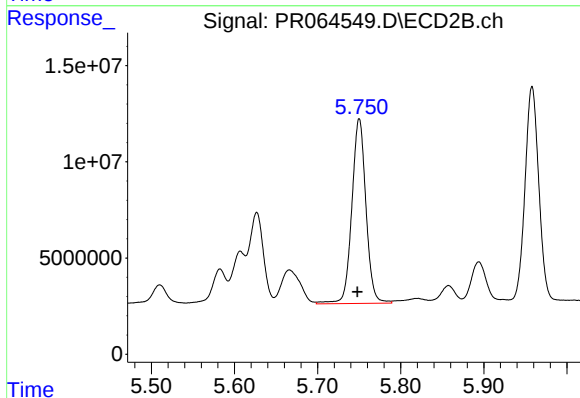
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 155237861
Conc: 411.05 ng/ml



#31 AR-1260-1

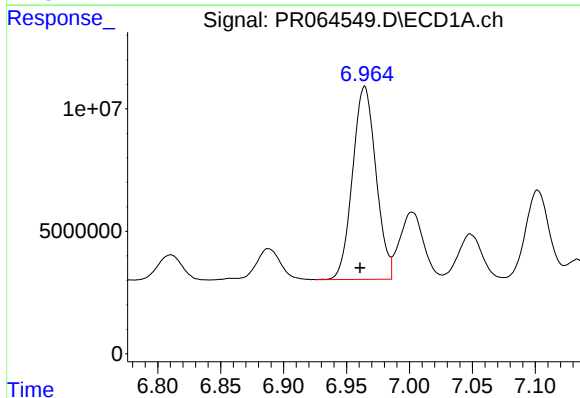
R.T.: 6.679 min
Delta R.T.: 0.005 min
Response: 94054034
Conc: 393.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



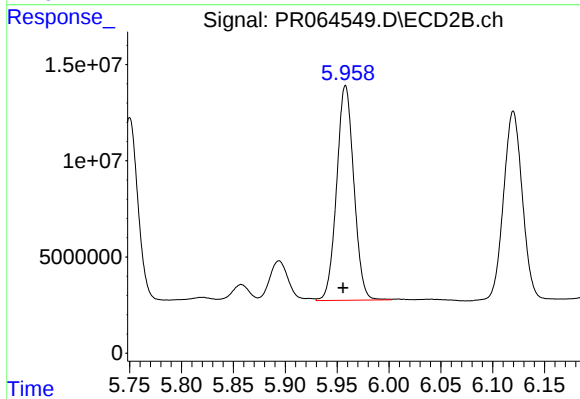
#31 AR-1260-1

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 113488746
Conc: 388.24 ng/ml



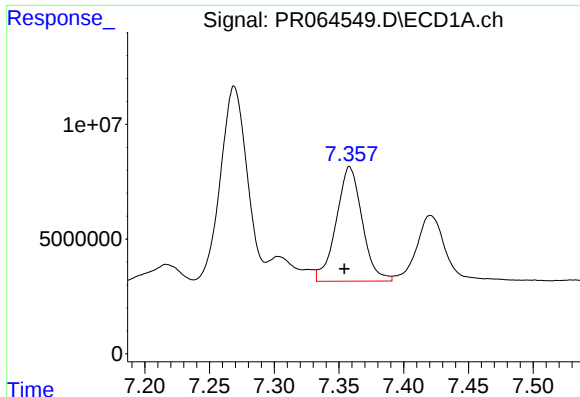
#32 AR-1260-2

R.T.: 6.964 min
Delta R.T.: 0.004 min
Response: 101984368
Conc: 372.87 ng/ml



#32 AR-1260-2

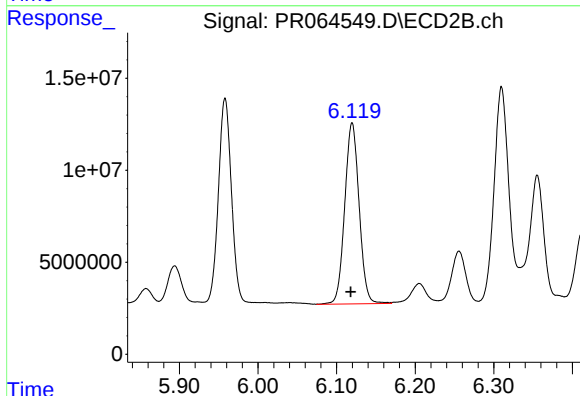
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 128900879
Conc: 367.59 ng/ml



#33 AR-1260-3

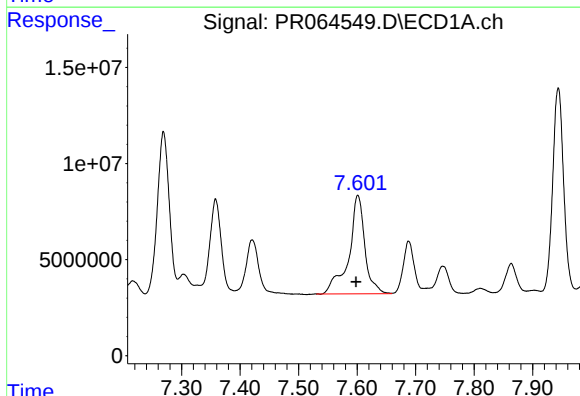
R.T.: 7.358 min
Delta R.T.: 0.004 min
Response: 69750040
Conc: 351.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



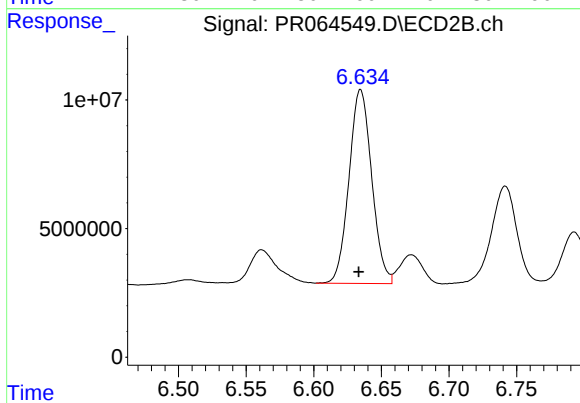
#33 AR-1260-3

R.T.: 6.120 min
Delta R.T.: 0.002 min
Response: 125297858
Conc: 371.98 ng/ml



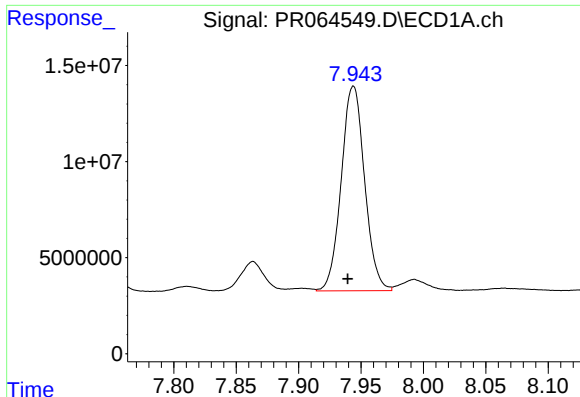
#34 AR-1260-4

R.T.: 7.601 min
Delta R.T.: 0.003 min
Response: 97775321
Conc: 442.58 ng/ml



#34 AR-1260-4

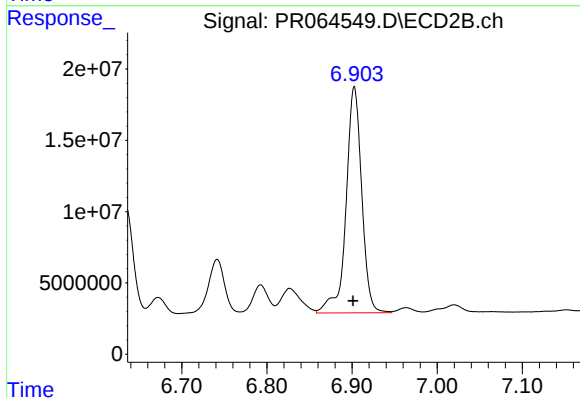
R.T.: 6.635 min
Delta R.T.: 0.001 min
Response: 88169131
Conc: 328.14 ng/ml



#35 AR-1260-5

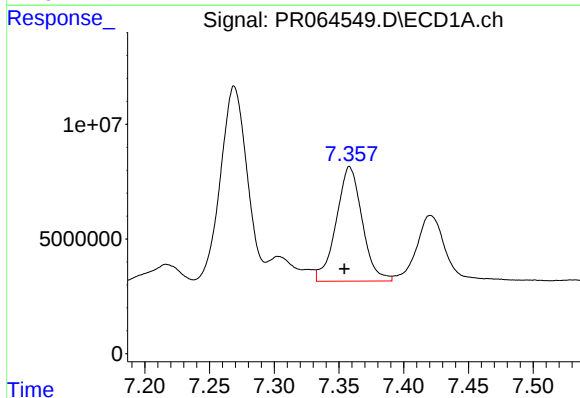
R.T.: 7.944 min
Delta R.T.: 0.005 min
Response: 138802448
Conc: 334.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



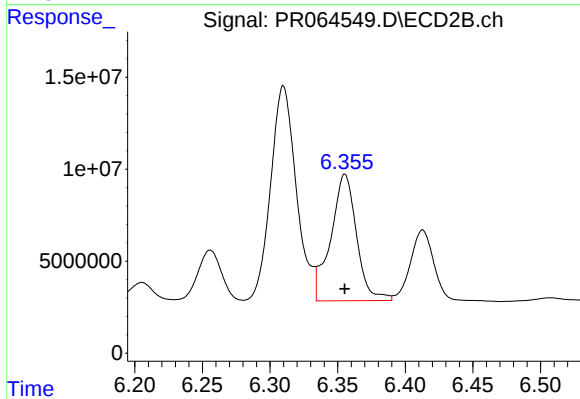
#35 AR-1260-5

R.T.: 6.903 min
Delta R.T.: 0.001 min
Response: 203050698
Conc: 322.26 ng/ml



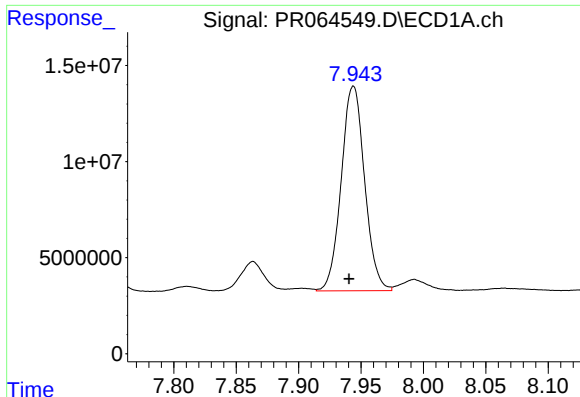
#36 AR-1262-1

R.T.: 7.358 min
Delta R.T.: 0.004 min
Response: 69750040
Conc: 242.46 ng/ml



#36 AR-1262-1

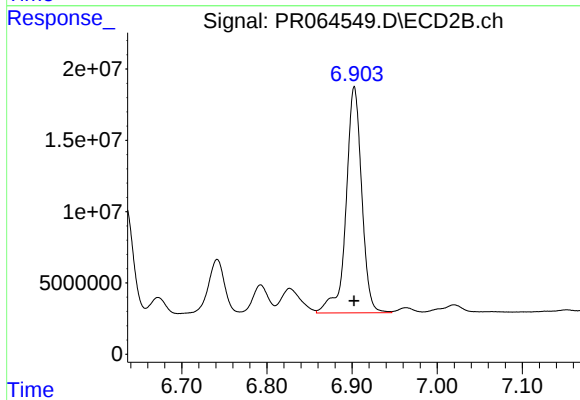
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 91417518
Conc: 235.53 ng/ml



#37 AR-1262-2

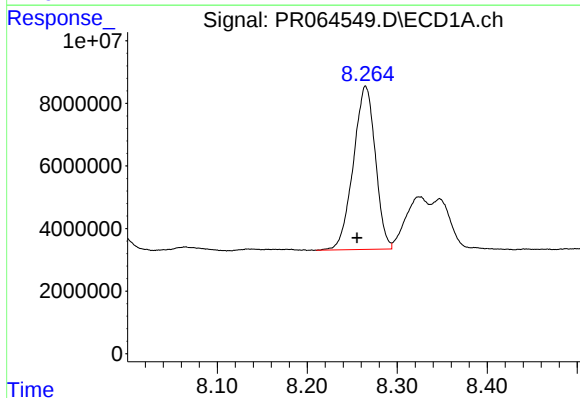
R.T.: 7.944 min
Delta R.T.: 0.003 min
Response: 138802448
Conc: 299.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



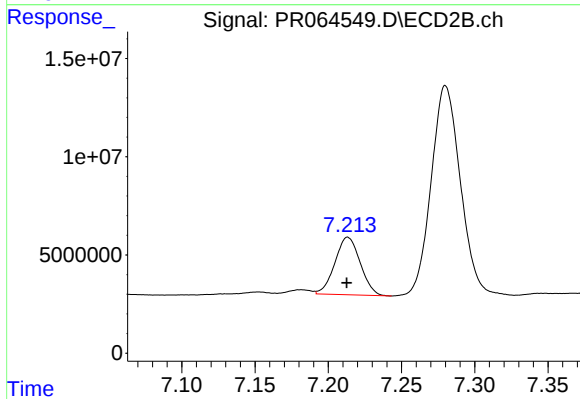
#37 AR-1262-2

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 203050698
Conc: 292.17 ng/ml



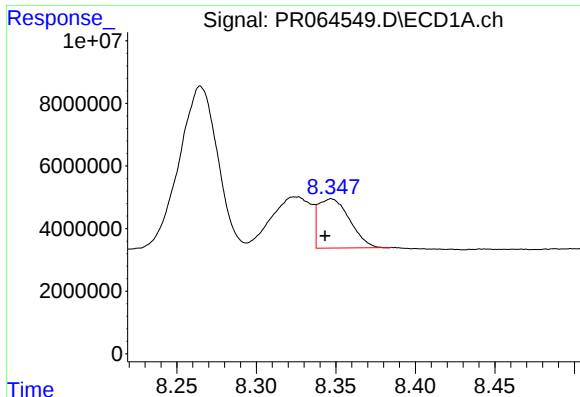
#38 AR-1262-3

R.T.: 8.265 min
Delta R.T.: 0.010 min
Response: 88616696
Conc: 287.13 ng/ml



#38 AR-1262-3

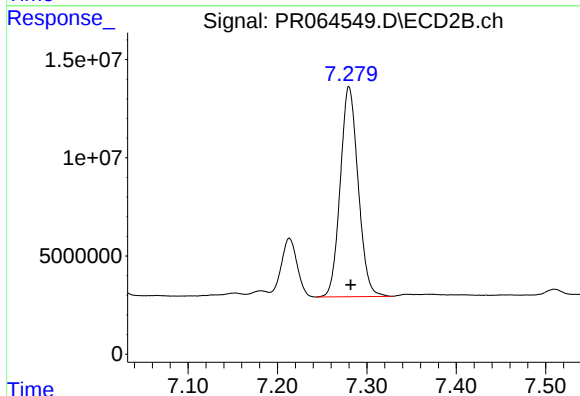
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 35298110
Conc: 142.02 ng/ml



#39 AR-1262-4

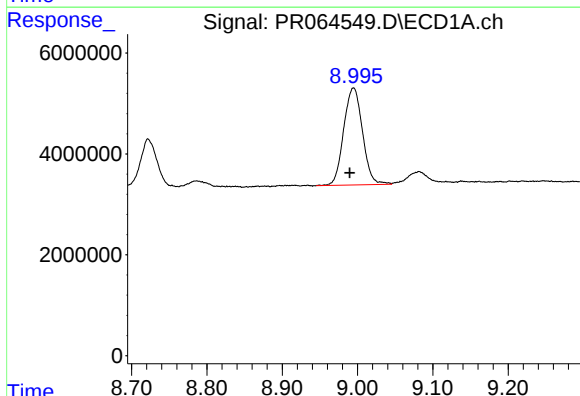
R.T.: 8.347 min
Delta R.T.: 0.004 min
Response: 21653976
Conc: 93.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



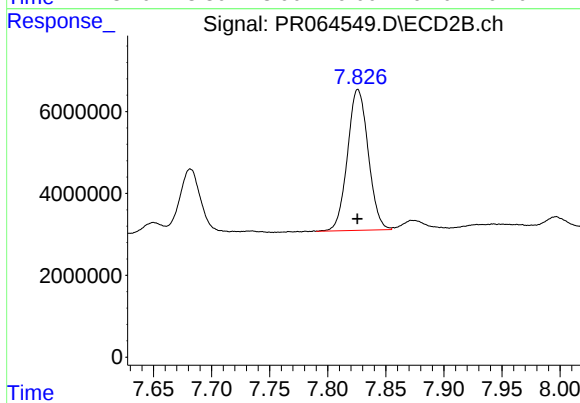
#39 AR-1262-4

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 148659348
Conc: 294.56 ng/ml



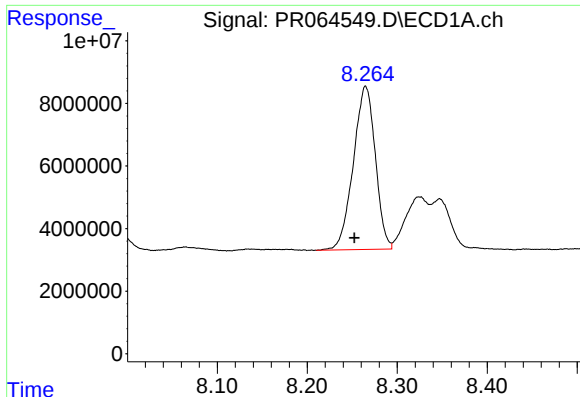
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.005 min
Response: 33382255
Conc: 212.07 ng/ml



#40 AR-1262-5

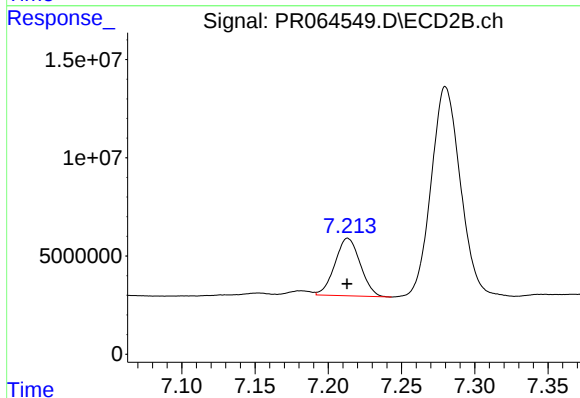
R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 42775350
Conc: 189.18 ng/ml



#41 AR-1268-1

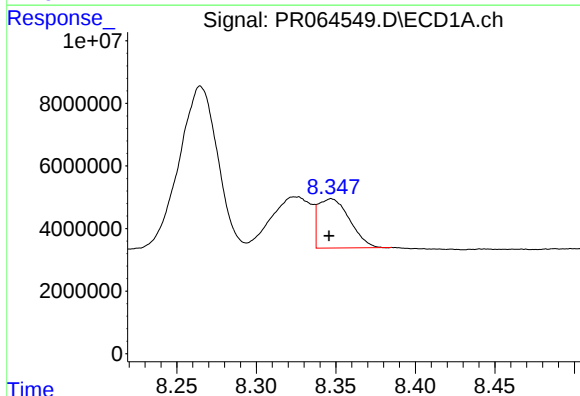
R.T.: 8.265 min
Delta R.T.: 0.012 min
Response: 88616696
Conc: 167.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



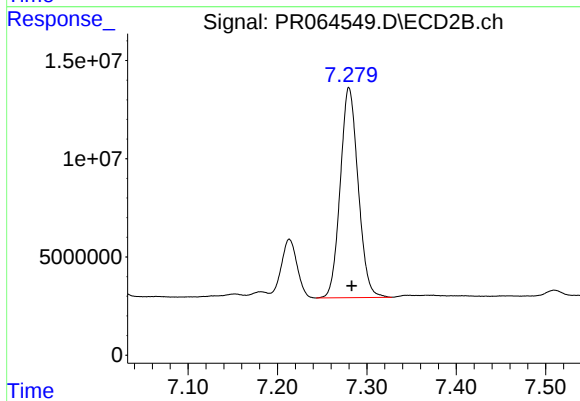
#41 AR-1268-1

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 35298110
Conc: 49.15 ng/ml



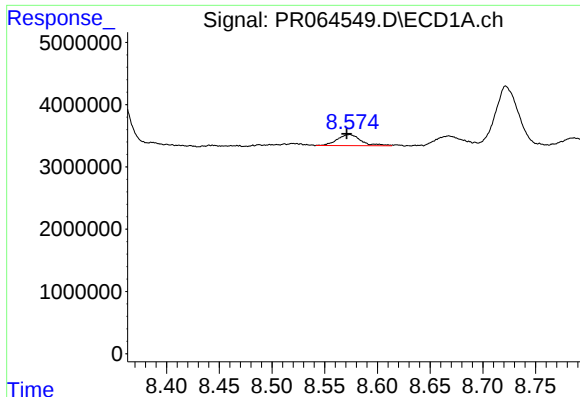
#42 AR-1268-2

R.T.: 8.347 min
Delta R.T.: 0.001 min
Response: 21653976
Conc: 46.24 ng/ml



#42 AR-1268-2

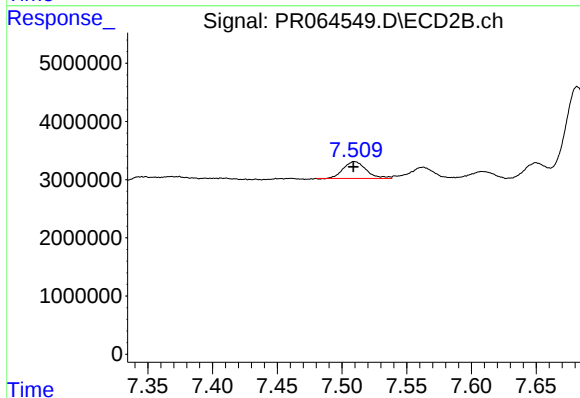
R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 148659348
Conc: 207.42 ng/ml



#43 AR-1268-3

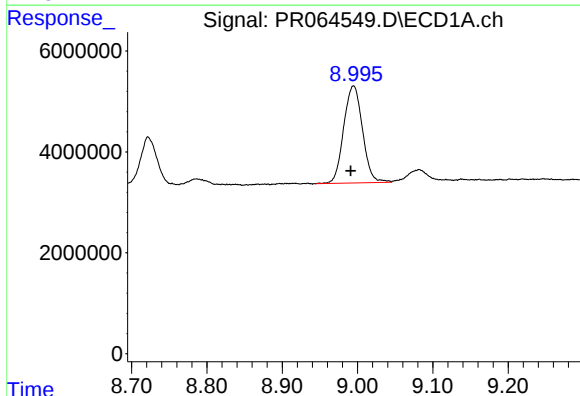
R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 2822476
Conc: 6.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



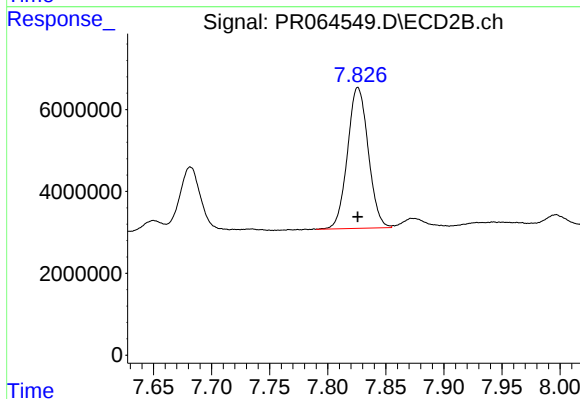
#43 AR-1268-3

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 3568755
Conc: 5.84 ng/ml



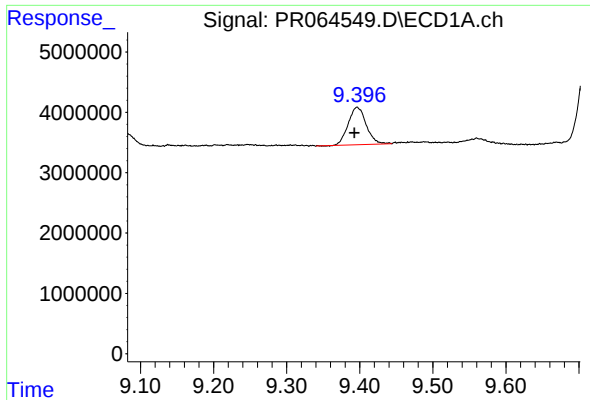
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.004 min
Response: 33382255
Conc: 196.46 ng/ml



#44 AR-1268-4

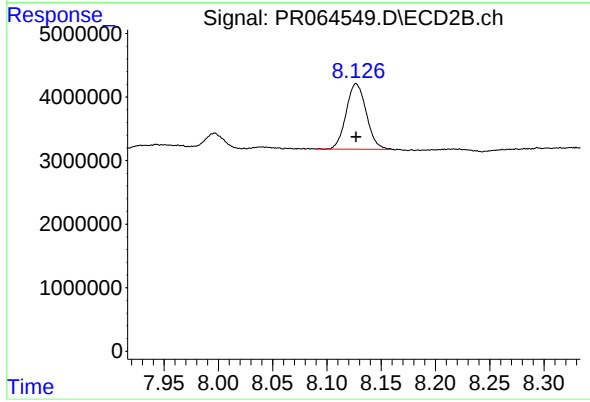
R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 42775350
Conc: 170.55 ng/ml



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: 0.004 min
Response: 10646511
Conc: 8.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 13279990
Conc: 7.30 ng/ml