

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092821\
 Data File : PR052137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 09:27
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603388

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 02:16:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 08:14:53 2021
 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...	4.706	3.861	129.1E6	75258746	20.093	17.215
2)	SA Decachlor...	10.659	8.910	214.0E6	155.0E6	45.066	37.647
Target Compounds							
3)	L1 AR-1016-1	5.893	4.951	82563481	47640079	408.327	378.706
4)	L1 AR-1016-2	5.917	4.970	117.4E6	82618814	420.550	378.065
5)	L1 AR-1016-3	5.981	5.146	70698885	41638423	420.555	389.568
6)	L1 AR-1016-4	6.083	5.187	58114648	30890759	417.808	365.661
7)	L1 AR-1016-5	6.376	5.401	58898046	41339165	429.581	371.712
8)	L2 AR-1221-1	4.915	4.077	8571483	5666690	114.428	119.473
9)	L2 AR-1221-2	5.009	4.161	14247063	5897013	276.408	173.561 #
10)	L2 AR-1221-3	5.089	4.238	42511922	27687617	255.763	235.133
11)	L3 AR-1232-1	5.089	4.238	42511922	27687617	316.662	295.565
12)	L3 AR-1232-2	5.626	4.970	58876719	82618814	858.636	873.551
13)	L3 AR-1232-3	5.917	5.146	117.4E6	41638423	914.897	889.467
14)	L3 AR-1232-4	6.083	5.230	58114648	39567194	902.142	941.711
15)	L3 AR-1232-5	6.165	5.401	51920348	41339165	1034.326	897.448
16)	L4 AR-1242-1	5.893	4.951	82563481	47640079	479.554	466.770
17)	L4 AR-1242-2	5.917	4.970	117.4E6	82618814	488.471	462.207
18)	L4 AR-1242-3	5.981	5.146	70698885	41638423	480.365	470.923
19)	L4 AR-1242-4	6.083	5.230	58114648	39567194	479.905	458.631
20)	L4 AR-1242-5	6.821	5.753	9247744	30037456	70.373	290.838 #
21)	L5 AR-1248-1	5.893	4.951	82563481	47640079	635.844	604.659
22)	L5 AR-1248-2	6.165	5.187	51920348	30890759	286.482	260.396
23)	L5 AR-1248-3	6.376	5.230	58898046	39567194	291.720	311.662
24)	L5 AR-1248-4	6.781	5.401	10871615	41339165	46.951	270.713 #
25)	L5 AR-1248-5	6.821	5.793	9247744	4937867	41.392	34.350
26)	L6 AR-1254-1	6.753	5.753	41952075	30037456	183.692	133.424 #
27)	L6 AR-1254-2	6.967	5.899	43318786	27391735	122.532	139.180
28)	L6 AR-1254-3	7.344	6.319	25601828	66214140	68.185	198.526 #
29)	L6 AR-1254-4	7.629	6.530	18851043	7294779	66.810	38.943 #
30)	L6 AR-1254-5	8.048	6.947	142.3E6	100.8E6	466.060	355.282
31)	L7 AR-1260-1	7.503	6.434	91777614	74571992	399.511	379.118
32)	L7 AR-1260-2	7.758	6.619	120.8E6	86908339	438.716	380.448
33)	L7 AR-1260-3	8.119	6.773	91631319	87630143	436.078	391.854
34)	L7 AR-1260-4	8.362	7.245	108.3E6	73427126	440.983	385.824
35)	L7 AR-1260-5	8.702	7.484	221.4E6	172.7E6	442.832	390.849
36)	L8 AR-1262-1	8.119	6.773	91631319	87630143	252.453	411.959 #
37)	L8 AR-1262-2	8.702	7.484	221.4E6	172.7E6	326.949	315.666
38)	L8 AR-1262-3	9.033	7.770	51389040	40651971	179.541	190.970
39)	L8 AR-1262-4	9.116	7.832	88707365	126.8E6	514.628	312.901 #
40)	L8 AR-1262-5	9.849	8.335	68515077	45435626	274.774	249.316
41)	L9 AR-1268-1	9.033	7.770	51389040	40651971	65.818	64.823

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092821\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 09:27
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 AR16603388

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 02:16:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 08:14:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

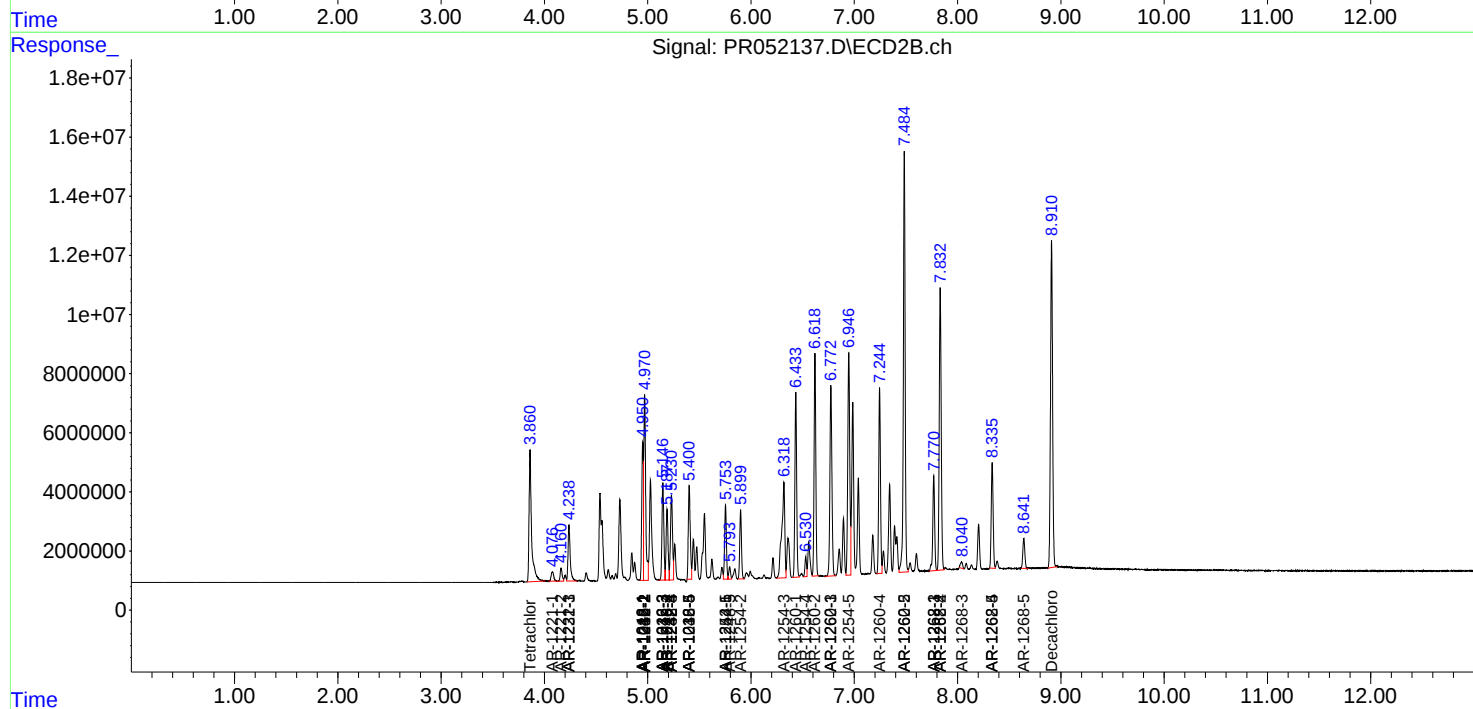
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

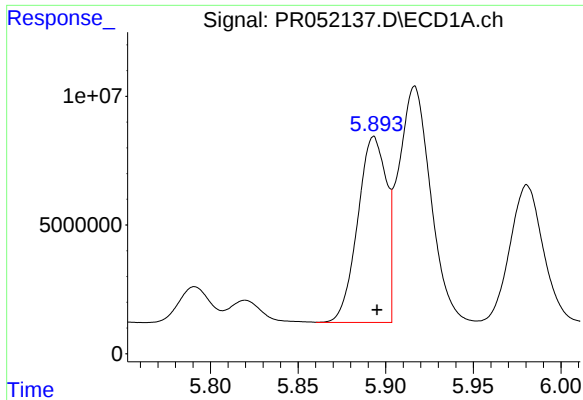
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.116	7.832	88707365	126.8E6	125.219	214.010 #
43) L9	AR-1268-3	9.379	8.040	2493861	3138174	4.163	6.113 #
44) L9	AR-1268-4	9.849	8.335	68515077	45435626	251.328	230.801
45) L9	AR-1268-5	10.295	8.642	20524264	13737400	10.089	8.501

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

Instrument :
ECD_R
ClientSampleId :
AR16603388

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

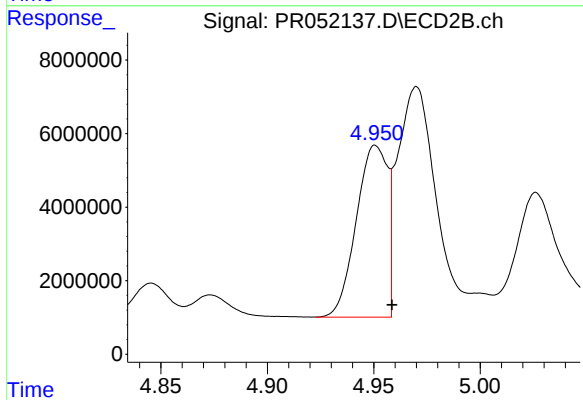




#3 AR-1016-1

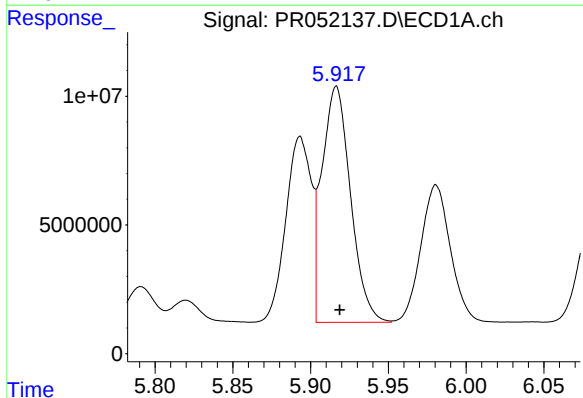
R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 82563481
Conc: 408.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



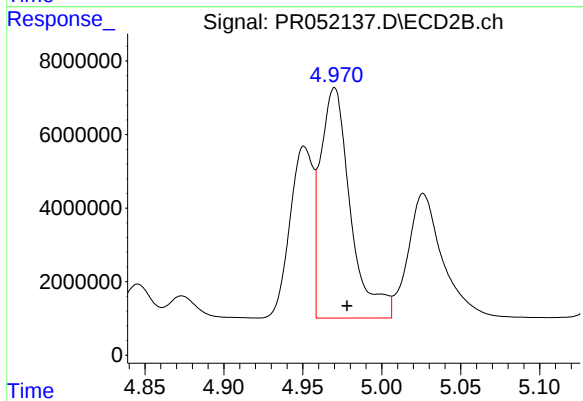
#3 AR-1016-1

R.T.: 4.951 min
Delta R.T.: -0.008 min
Response: 47640079
Conc: 378.71 ng/ml



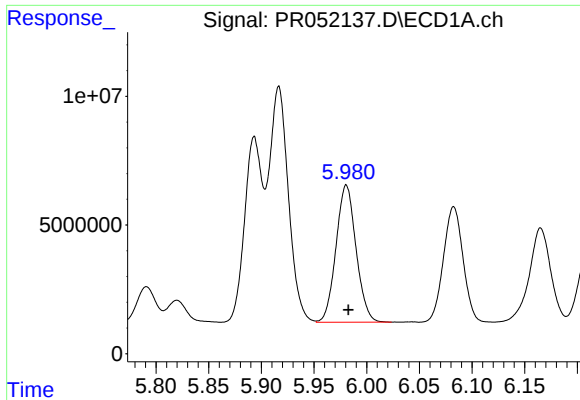
#4 AR-1016-2

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 117404747
Conc: 420.55 ng/ml



#4 AR-1016-2

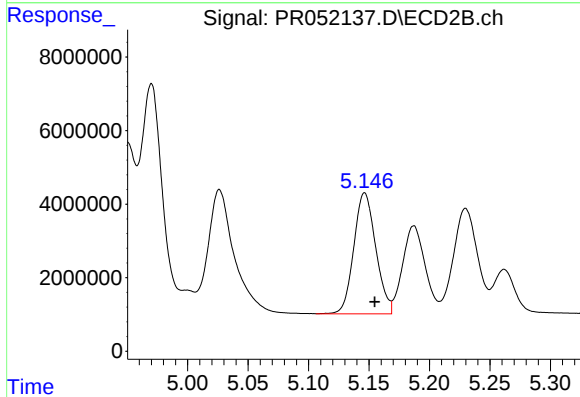
R.T.: 4.970 min
Delta R.T.: -0.008 min
Response: 82618814
Conc: 378.07 ng/ml



#5 AR-1016-3

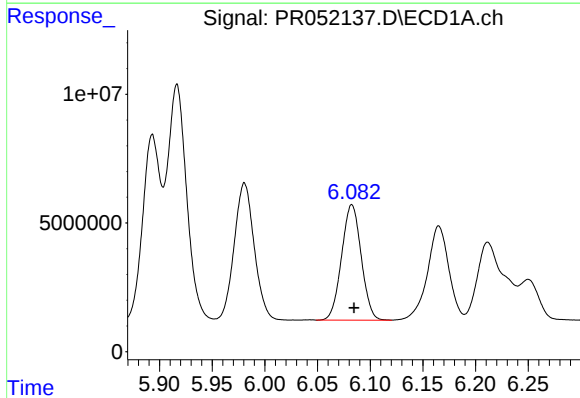
R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 70698885
Conc: 420.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



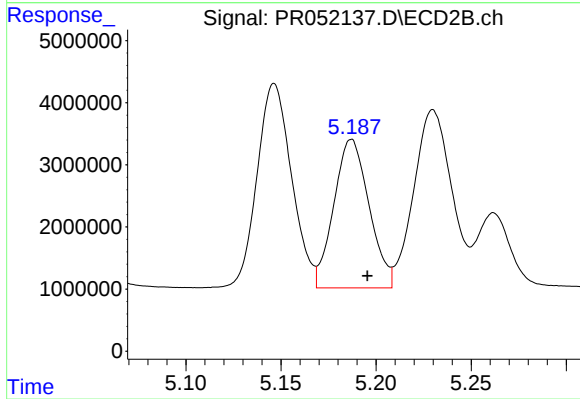
#5 AR-1016-3

R.T.: 5.146 min
Delta R.T.: -0.008 min
Response: 41638423
Conc: 389.57 ng/ml



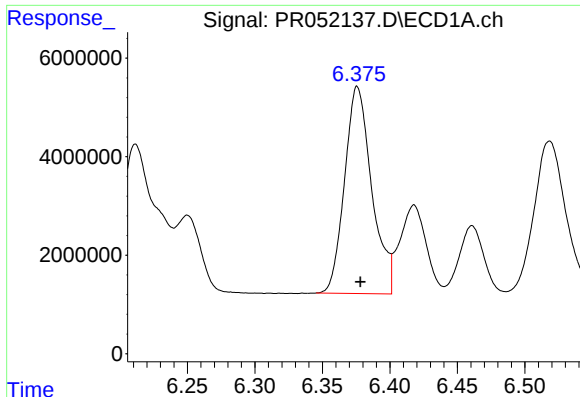
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 58114648
Conc: 417.81 ng/ml



#6 AR-1016-4

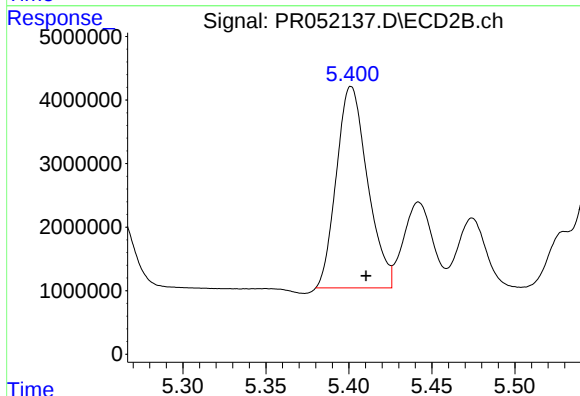
R.T.: 5.187 min
Delta R.T.: -0.008 min
Response: 30890759
Conc: 365.66 ng/ml



#7 AR-1016-5

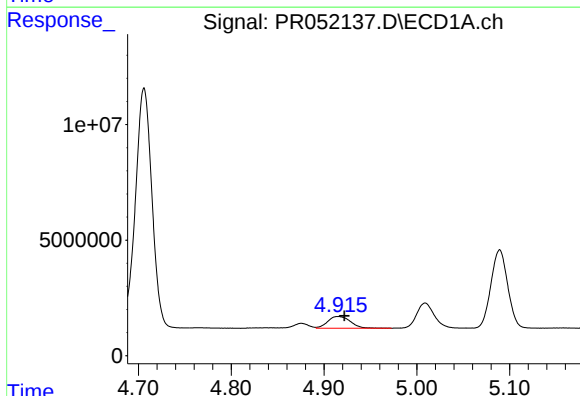
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 58898046
Conc: 429.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



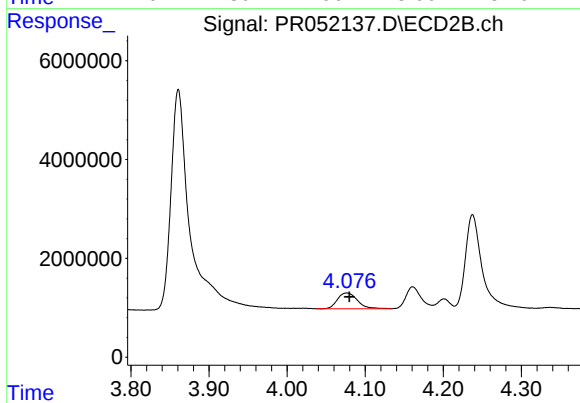
#7 AR-1016-5

R.T.: 5.401 min
Delta R.T.: -0.009 min
Response: 41339165
Conc: 371.71 ng/ml



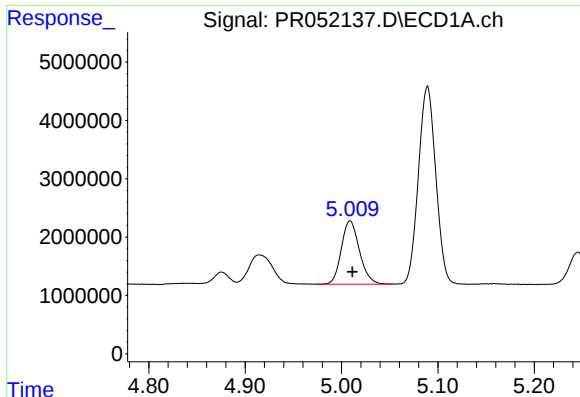
#8 AR-1221-1

R.T.: 4.915 min
Delta R.T.: -0.007 min
Response: 8571483
Conc: 114.43 ng/ml



#8 AR-1221-1

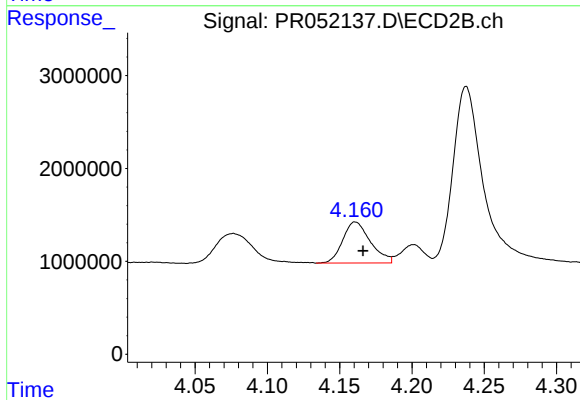
R.T.: 4.077 min
Delta R.T.: -0.003 min
Response: 5666690
Conc: 119.47 ng/ml



#9 AR-1221-2

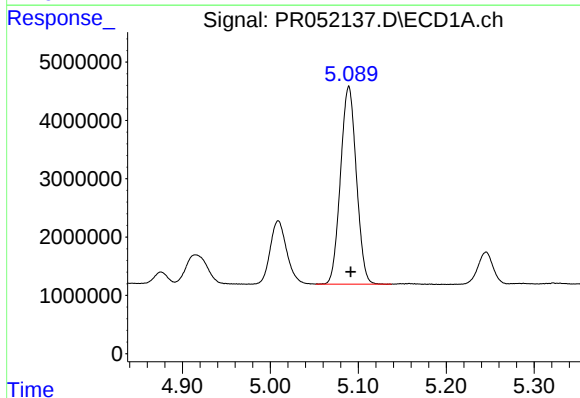
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 14247063
Conc: 276.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



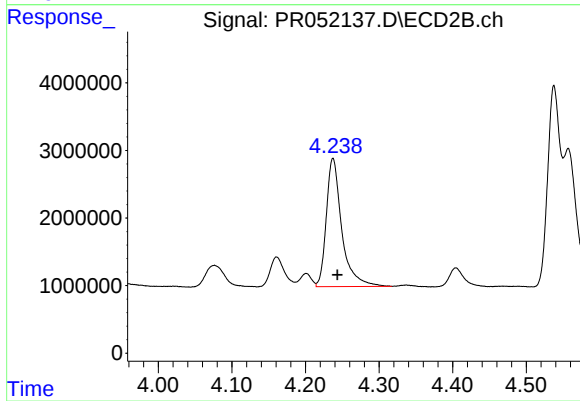
#9 AR-1221-2

R.T.: 4.161 min
Delta R.T.: -0.005 min
Response: 5897013
Conc: 173.56 ng/ml



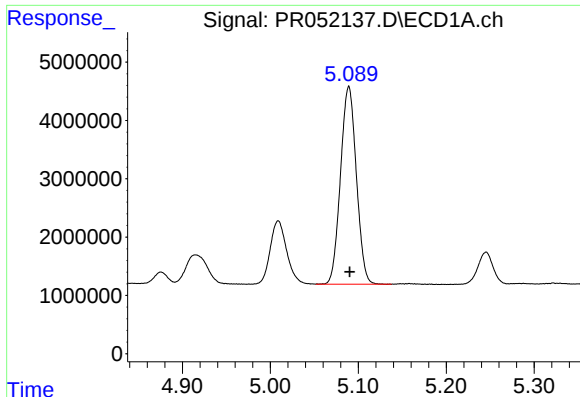
#10 AR-1221-3

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 42511922
Conc: 255.76 ng/ml



#10 AR-1221-3

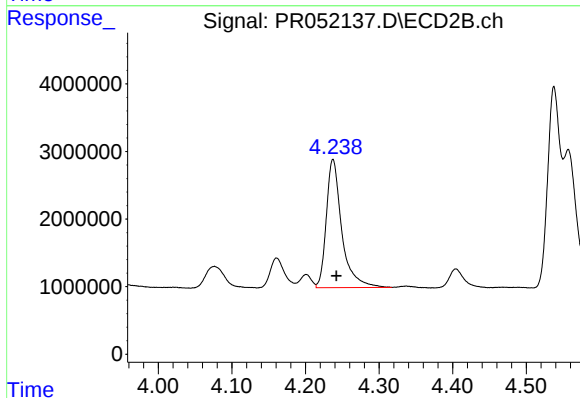
R.T.: 4.238 min
Delta R.T.: -0.006 min
Response: 27687617
Conc: 235.13 ng/ml



#11 AR-1232-1

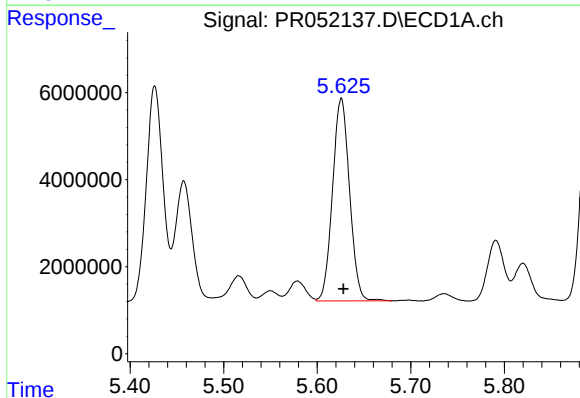
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 42511922
Conc: 316.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



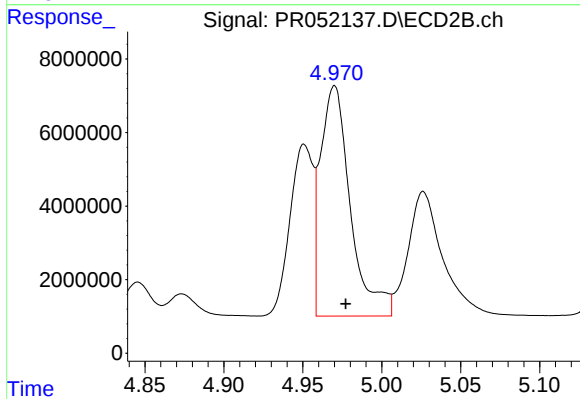
#11 AR-1232-1

R.T.: 4.238 min
Delta R.T.: -0.005 min
Response: 27687617
Conc: 295.57 ng/ml



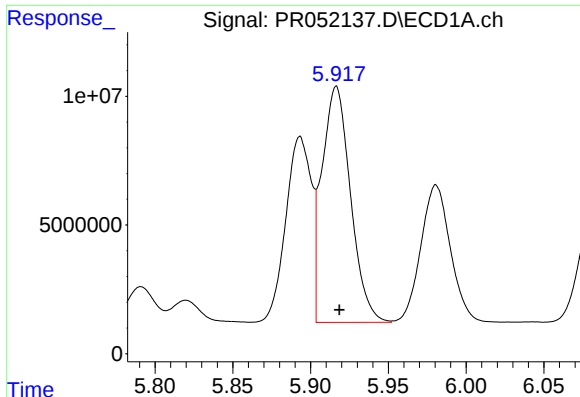
#12 AR-1232-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 58876719
Conc: 858.64 ng/ml



#12 AR-1232-2

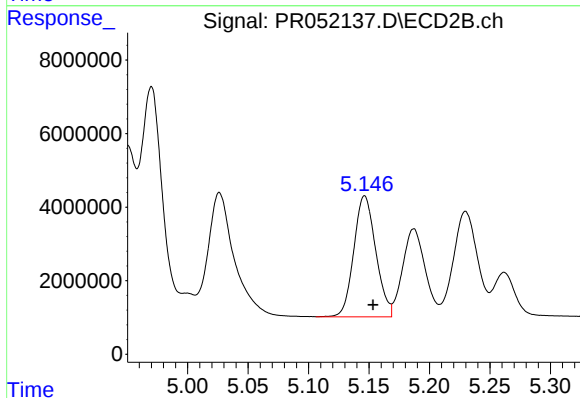
R.T.: 4.970 min
Delta R.T.: -0.007 min
Response: 82618814
Conc: 873.55 ng/ml



#13 AR-1232-3

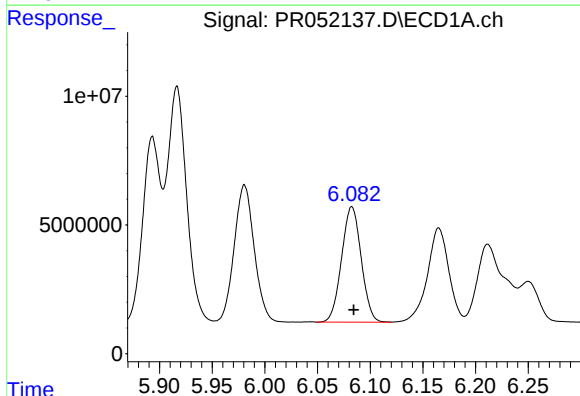
R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 117404747
Conc: 914.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



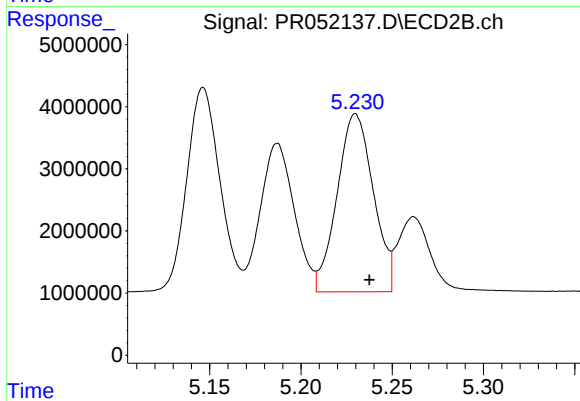
#13 AR-1232-3

R.T.: 5.146 min
Delta R.T.: -0.007 min
Response: 41638423
Conc: 889.47 ng/ml



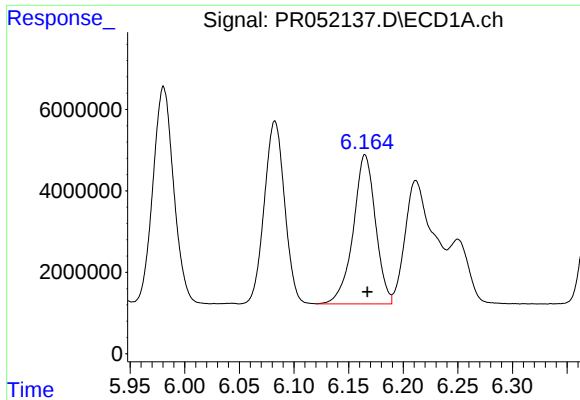
#14 AR-1232-4

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 58114648
Conc: 902.14 ng/ml



#14 AR-1232-4

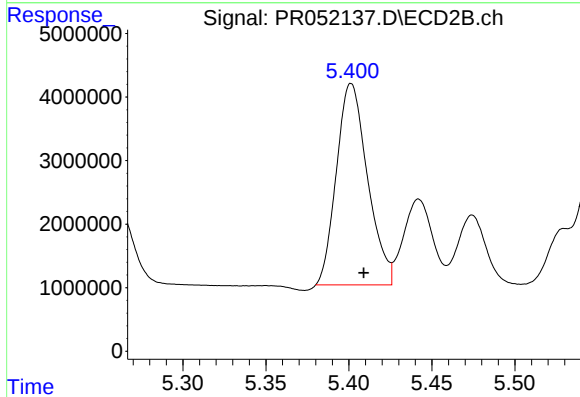
R.T.: 5.230 min
Delta R.T.: -0.008 min
Response: 39567194
Conc: 941.71 ng/ml



#15 AR-1232-5

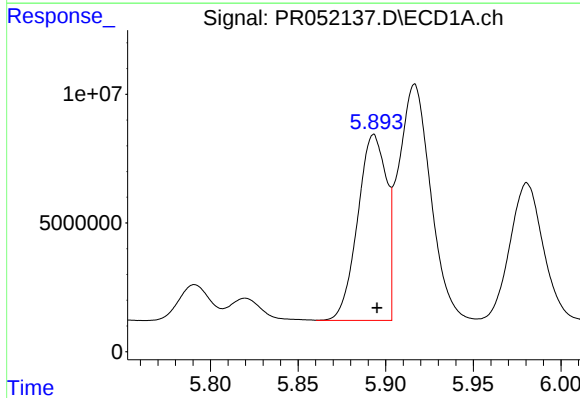
R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 51920348
Conc: 1034.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



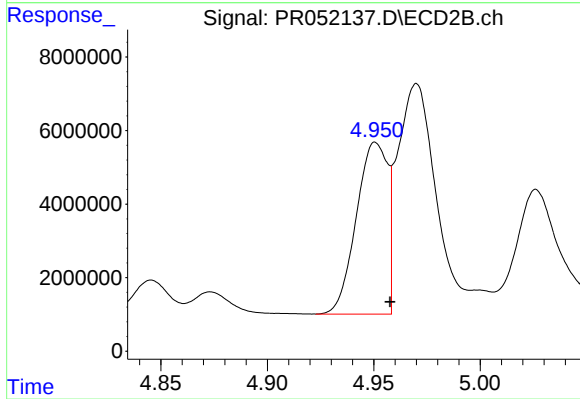
#15 AR-1232-5

R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 41339165
Conc: 897.45 ng/ml



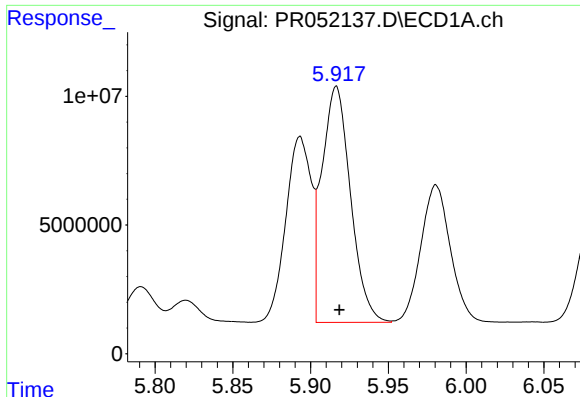
#16 AR-1242-1

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 82563481
Conc: 479.55 ng/ml



#16 AR-1242-1

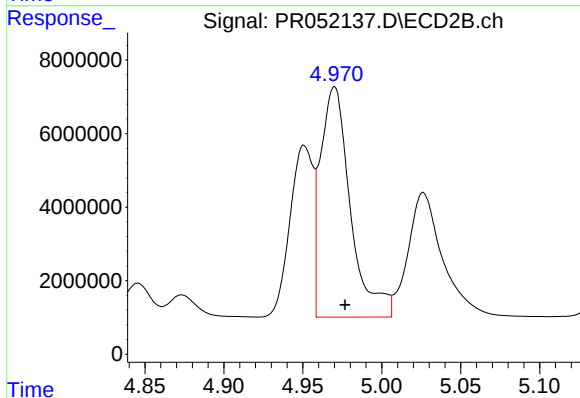
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 47640079
Conc: 466.77 ng/ml



#17 AR-1242-2

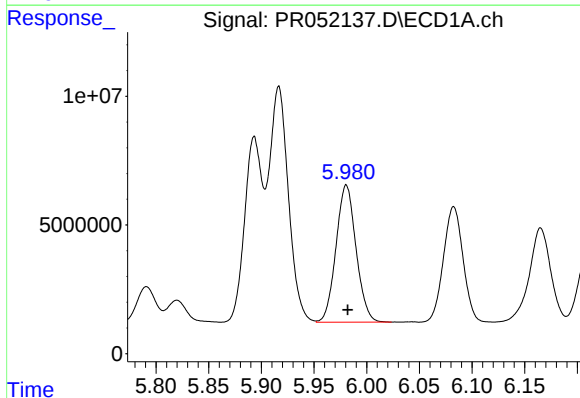
R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 117404747
Conc: 488.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



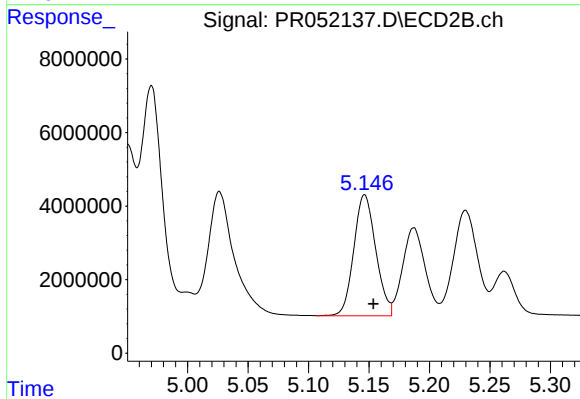
#17 AR-1242-2

R.T.: 4.970 min
Delta R.T.: -0.006 min
Response: 82618814
Conc: 462.21 ng/ml



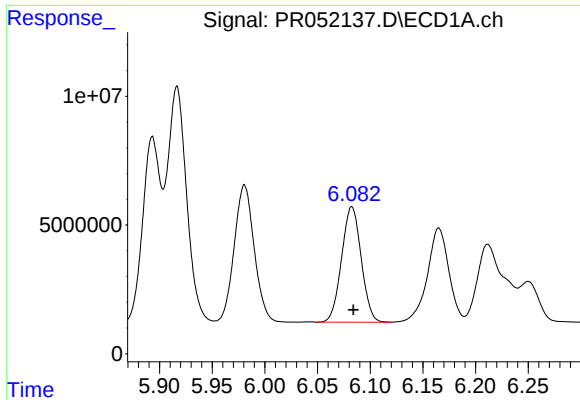
#18 AR-1242-3

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 70698885
Conc: 480.37 ng/ml



#18 AR-1242-3

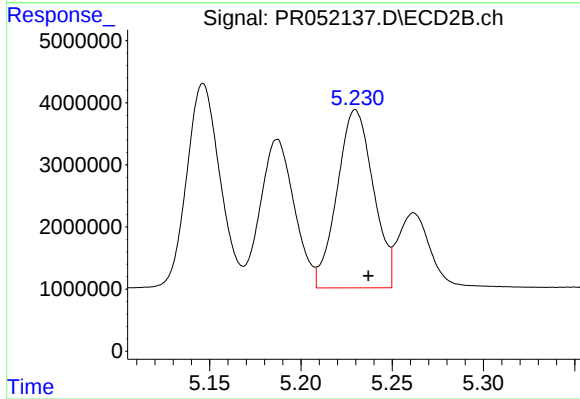
R.T.: 5.146 min
Delta R.T.: -0.007 min
Response: 41638423
Conc: 470.92 ng/ml



#19 AR-1242-4

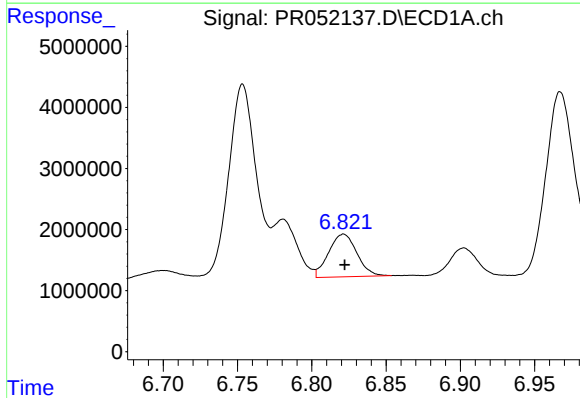
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 58114648
Conc: 479.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



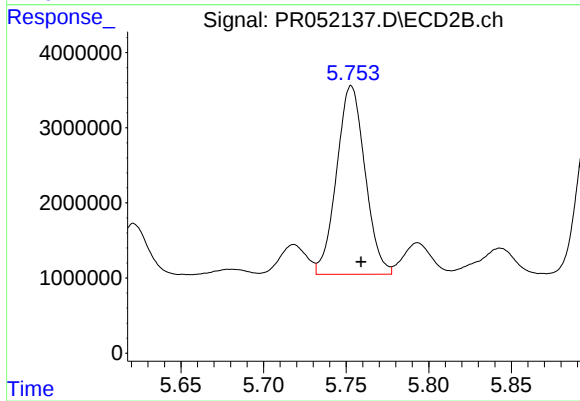
#19 AR-1242-4

R.T.: 5.230 min
Delta R.T.: -0.007 min
Response: 39567194
Conc: 458.63 ng/ml



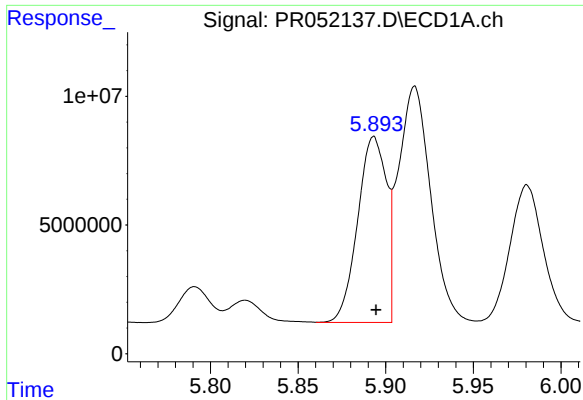
#20 AR-1242-5

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 9247744
Conc: 70.37 ng/ml



#20 AR-1242-5

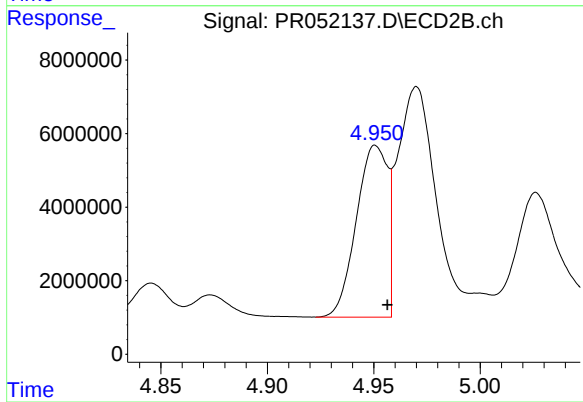
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 30037456
Conc: 290.84 ng/ml



#21 AR-1248-1

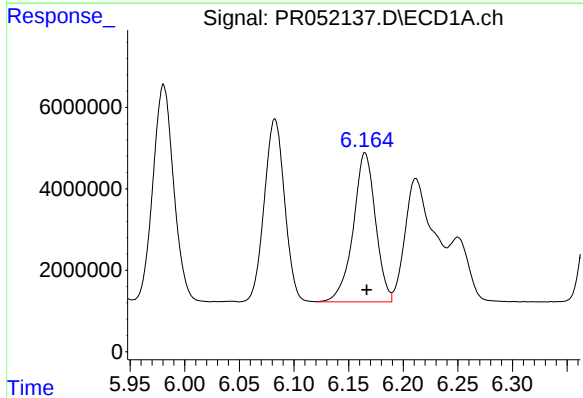
R.T.: 5.893 min
Delta R.T.: -0.001 min
Response: 82563481
Conc: 635.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



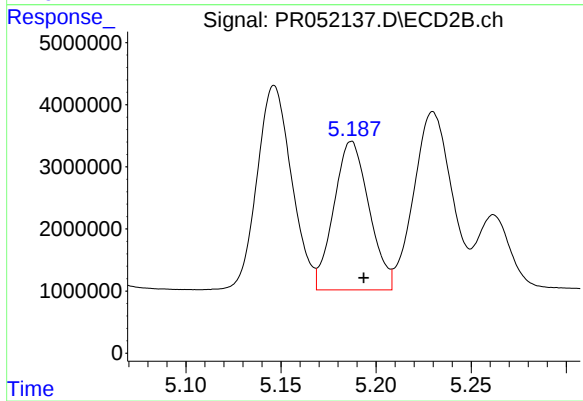
#21 AR-1248-1

R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 47640079
Conc: 604.66 ng/ml



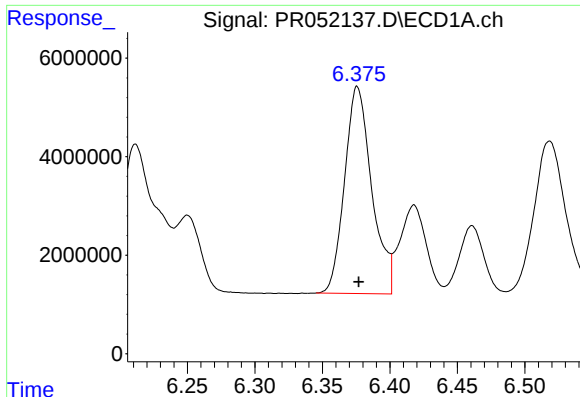
#22 AR-1248-2

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 51920348
Conc: 286.48 ng/ml



#22 AR-1248-2

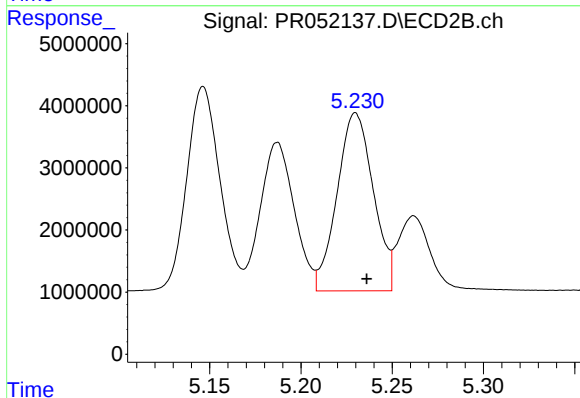
R.T.: 5.187 min
Delta R.T.: -0.006 min
Response: 30890759
Conc: 260.40 ng/ml



#23 AR-1248-3

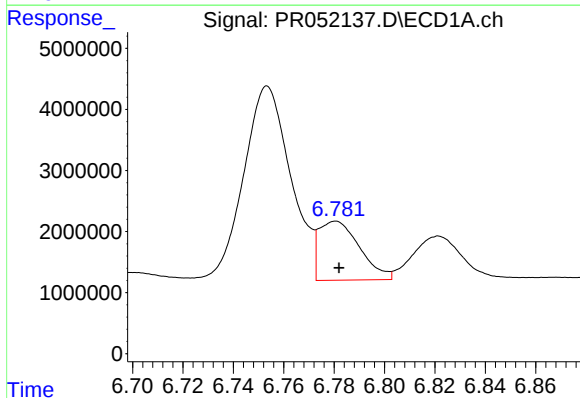
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 58898046
Conc: 291.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



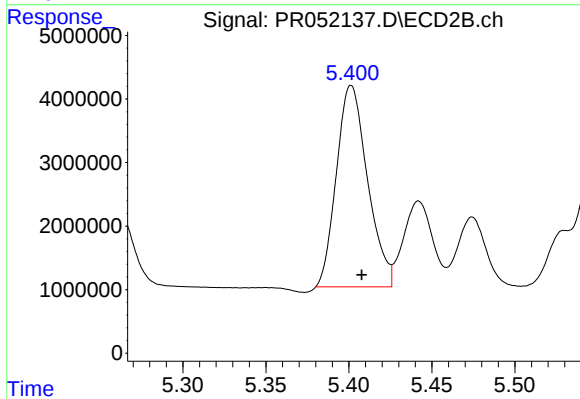
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.006 min
Response: 39567194
Conc: 311.66 ng/ml



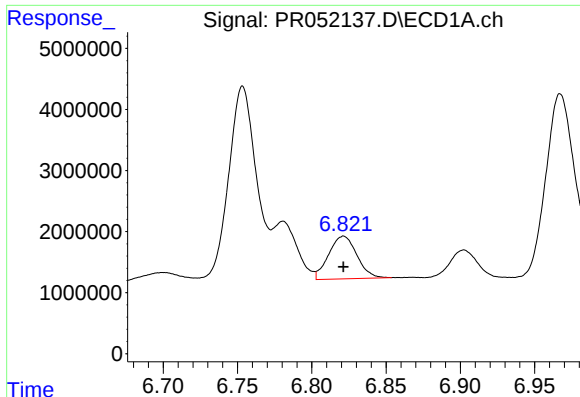
#24 AR-1248-4

R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 10871615
Conc: 46.95 ng/ml



#24 AR-1248-4

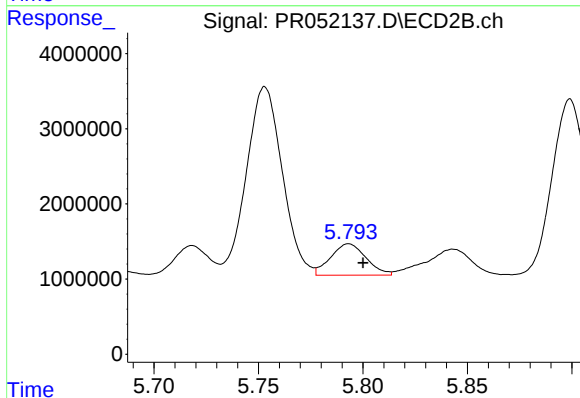
R.T.: 5.401 min
Delta R.T.: -0.006 min
Response: 41339165
Conc: 270.71 ng/ml



#25 AR-1248-5

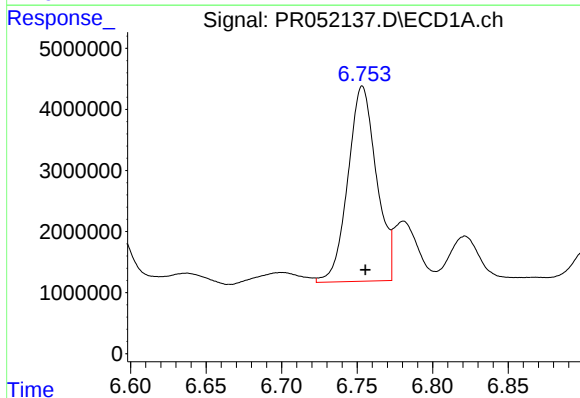
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 9247744
Conc: 41.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



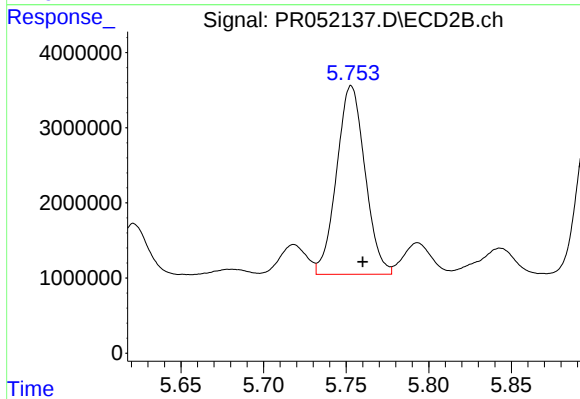
#25 AR-1248-5

R.T.: 5.793 min
Delta R.T.: -0.007 min
Response: 4937867
Conc: 34.35 ng/ml



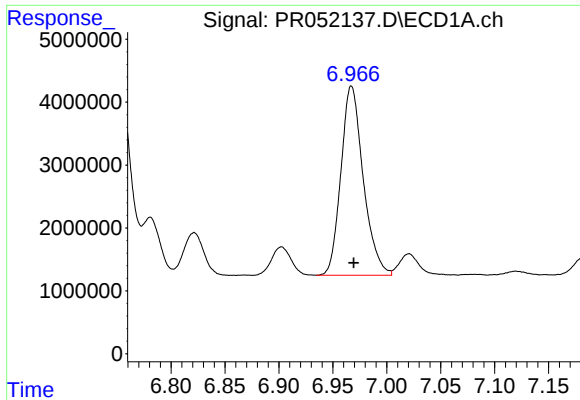
#26 AR-1254-1

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 41952075
Conc: 183.69 ng/ml



#26 AR-1254-1

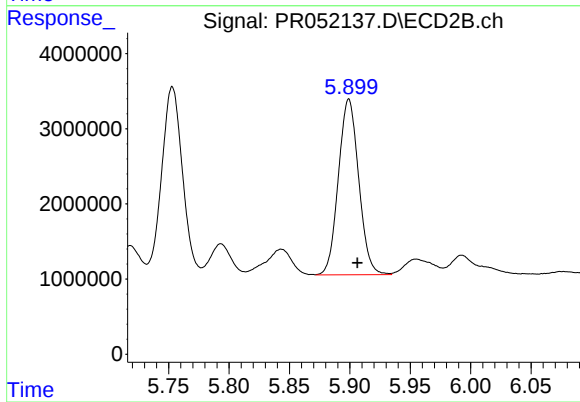
R.T.: 5.753 min
Delta R.T.: -0.007 min
Response: 30037456
Conc: 133.42 ng/ml



#27 AR-1254-2

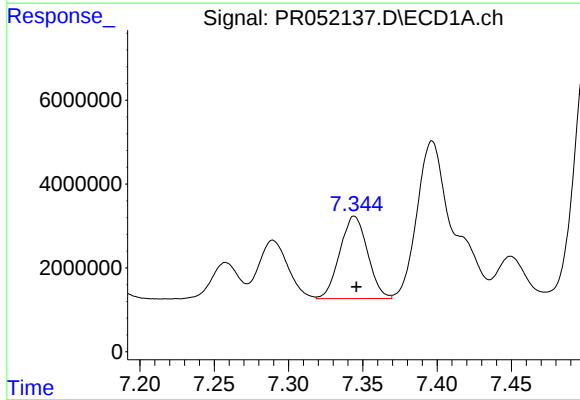
R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 43318786
Conc: 122.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



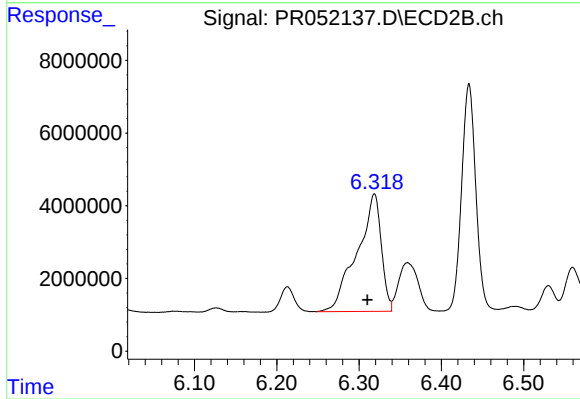
#27 AR-1254-2

R.T.: 5.899 min
Delta R.T.: -0.007 min
Response: 27391735
Conc: 139.18 ng/ml



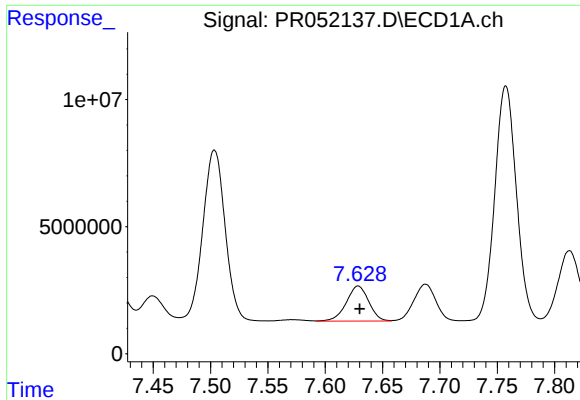
#28 AR-1254-3

R.T.: 7.344 min
Delta R.T.: -0.001 min
Response: 25601828
Conc: 68.18 ng/ml



#28 AR-1254-3

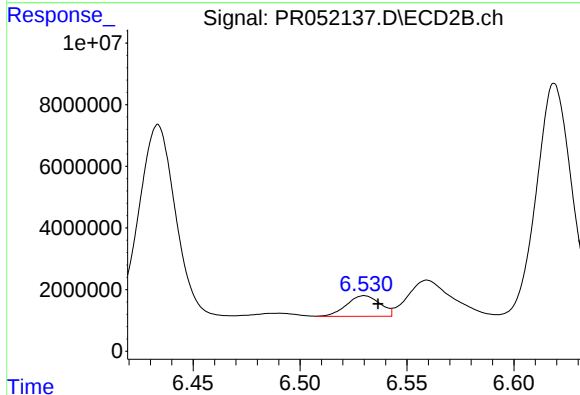
R.T.: 6.319 min
Delta R.T.: 0.009 min
Response: 66214140
Conc: 198.53 ng/ml



#29 AR-1254-4

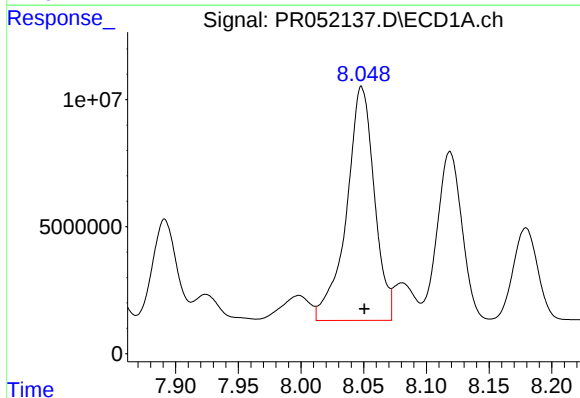
R.T.: 7.629 min
Delta R.T.: -0.001 min
Response: 18851043
Conc: 66.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



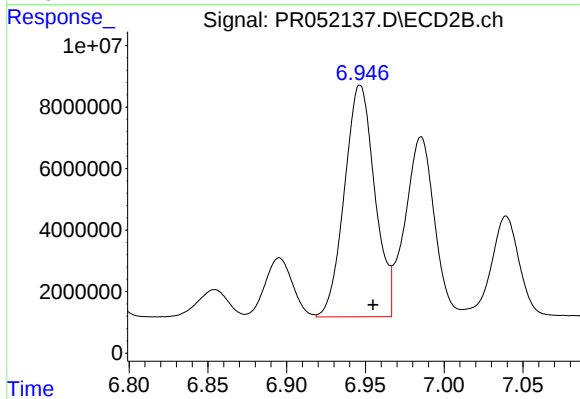
#29 AR-1254-4

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 7294779
Conc: 38.94 ng/ml



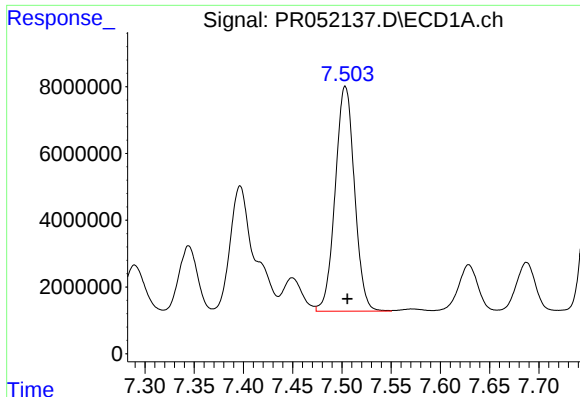
#30 AR-1254-5

R.T.: 8.048 min
Delta R.T.: -0.002 min
Response: 142310999
Conc: 466.06 ng/ml



#30 AR-1254-5

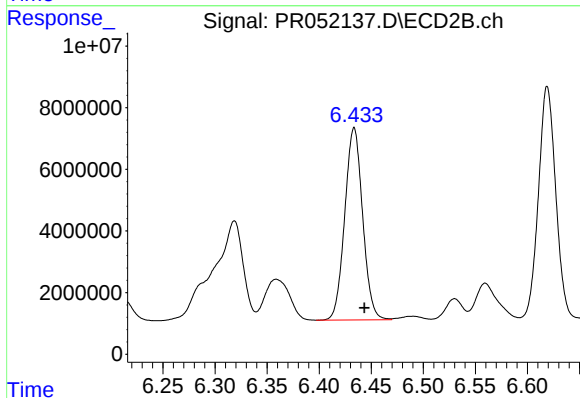
R.T.: 6.947 min
Delta R.T.: -0.008 min
Response: 100779389
Conc: 355.28 ng/ml



#31 AR-1260-1

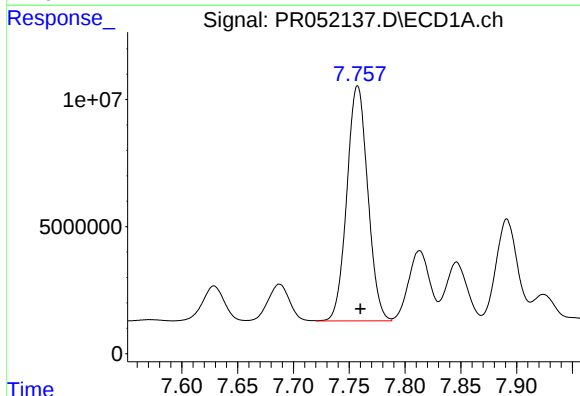
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 91777614
Conc: 399.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



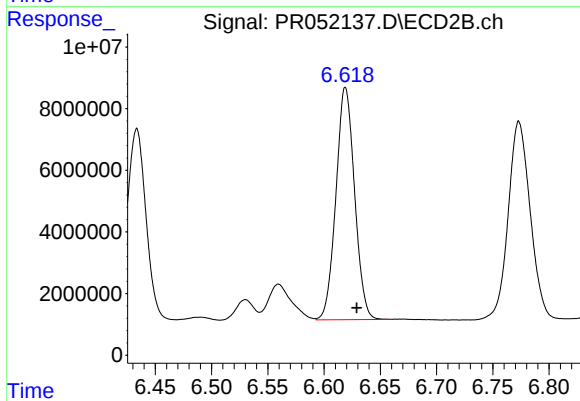
#31 AR-1260-1

R.T.: 6.434 min
Delta R.T.: -0.010 min
Response: 74571992
Conc: 379.12 ng/ml



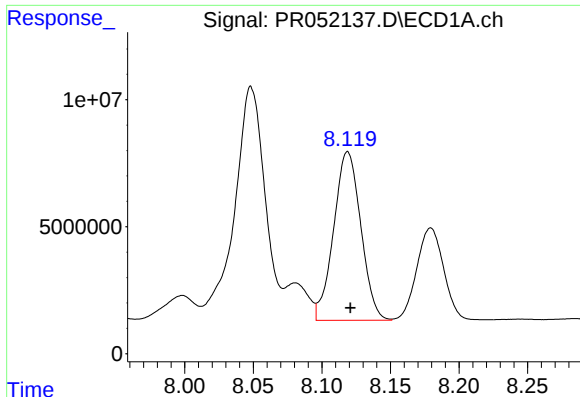
#32 AR-1260-2

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 120768013
Conc: 438.72 ng/ml



#32 AR-1260-2

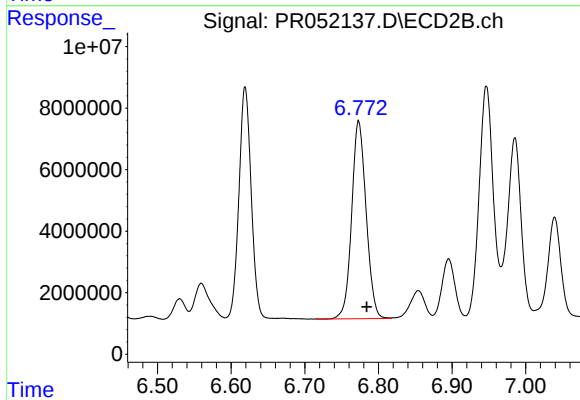
R.T.: 6.619 min
Delta R.T.: -0.010 min
Response: 86908339
Conc: 380.45 ng/ml



#33 AR-1260-3

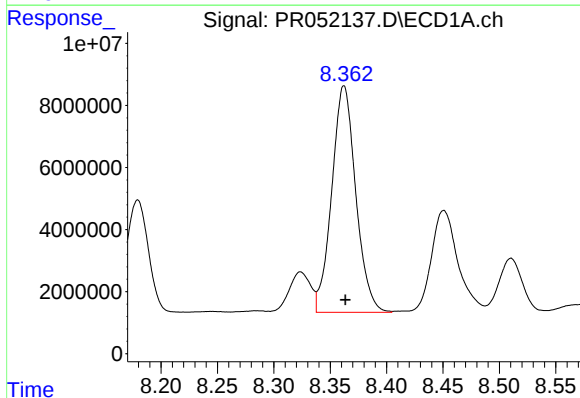
R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 91631319
Conc: 436.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



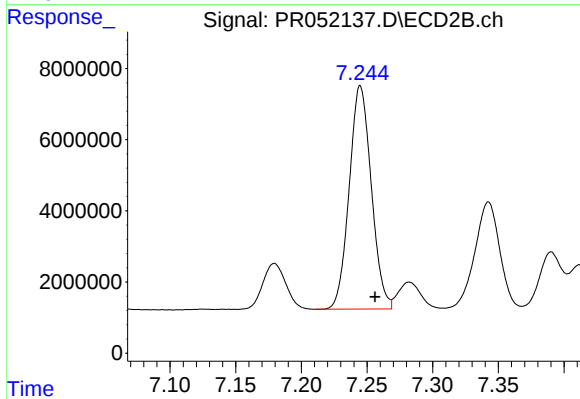
#33 AR-1260-3

R.T.: 6.773 min
Delta R.T.: -0.011 min
Response: 87630143
Conc: 391.85 ng/ml



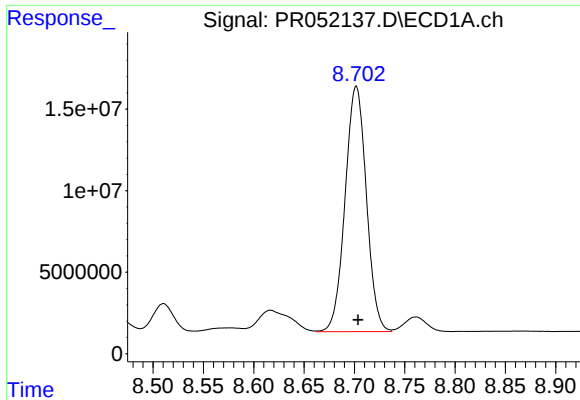
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: -0.001 min
Response: 108321134
Conc: 440.98 ng/ml



#34 AR-1260-4

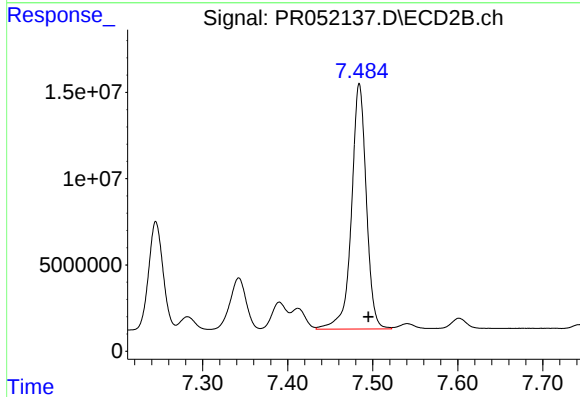
R.T.: 7.245 min
Delta R.T.: -0.011 min
Response: 73427126
Conc: 385.82 ng/ml



#35 AR-1260-5

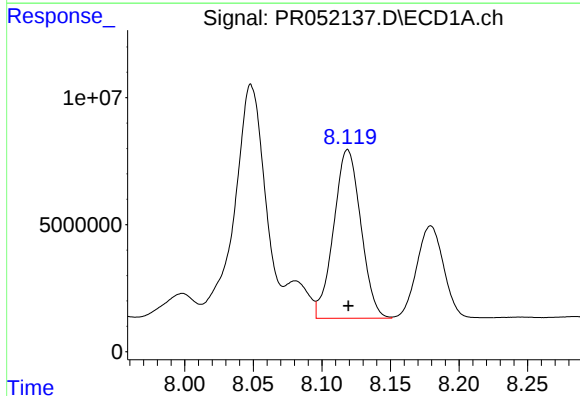
R.T.: 8.702 min
Delta R.T.: -0.002 min
Response: 221407106
Conc: 442.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



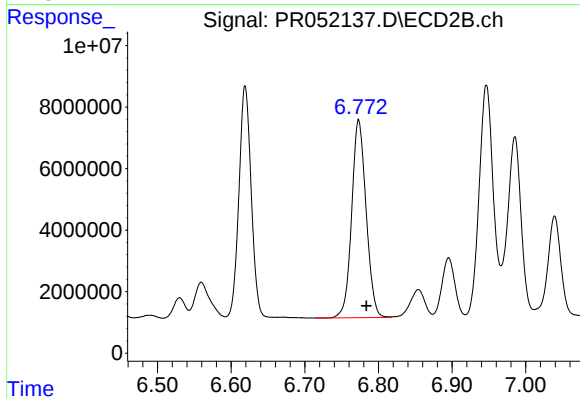
#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: -0.010 min
Response: 172711488
Conc: 390.85 ng/ml



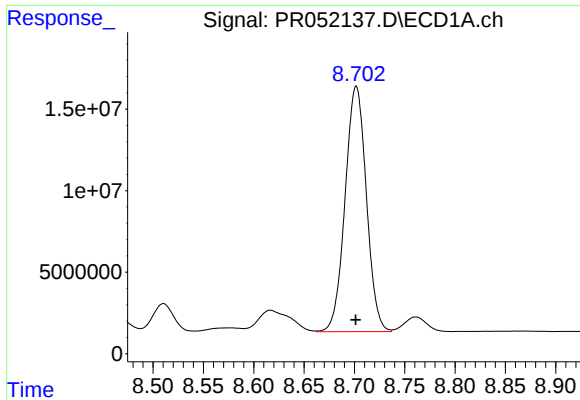
#36 AR-1262-1

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 91631319
Conc: 252.45 ng/ml



#36 AR-1262-1

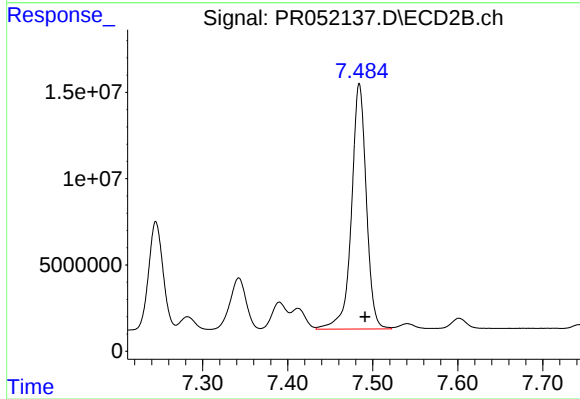
R.T.: 6.773 min
Delta R.T.: -0.011 min
Response: 87630143
Conc: 411.96 ng/ml



#37 AR-1262-2

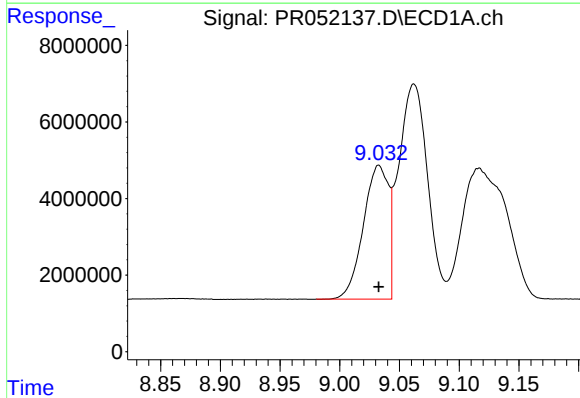
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 221407106
Conc: 326.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



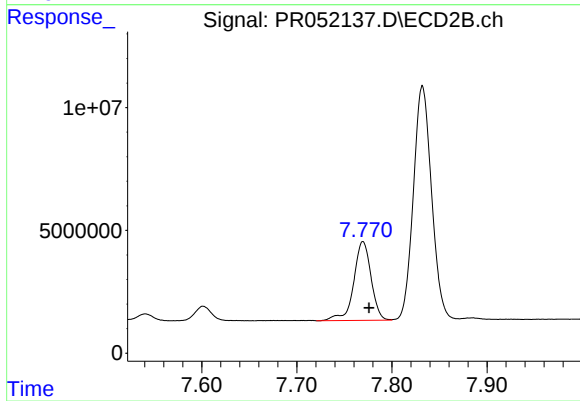
#37 AR-1262-2

R.T.: 7.484 min
Delta R.T.: -0.007 min
Response: 172711488
Conc: 315.67 ng/ml



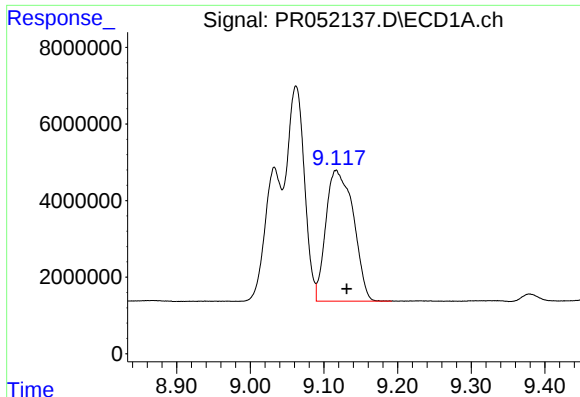
#38 AR-1262-3

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 51389040
Conc: 179.54 ng/ml



#38 AR-1262-3

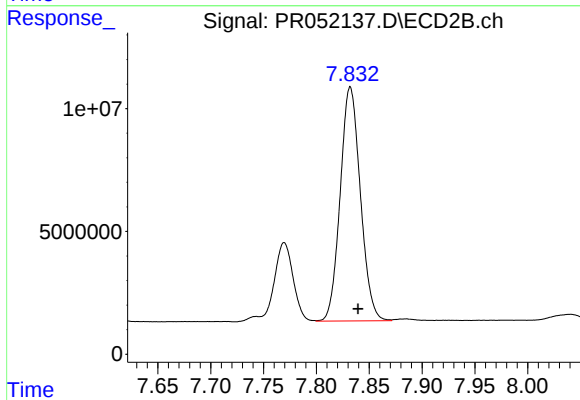
R.T.: 7.770 min
Delta R.T.: -0.007 min
Response: 40651971
Conc: 190.97 ng/ml



#39 AR-1262-4

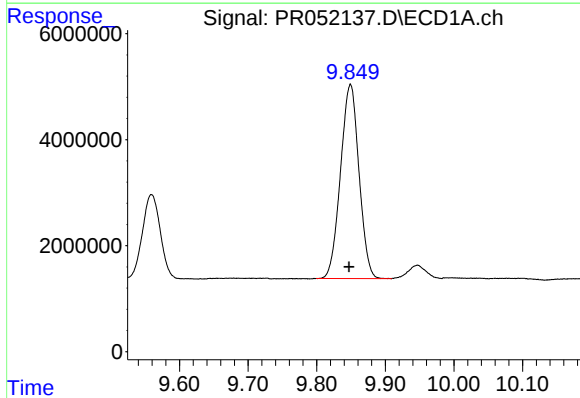
R.T.: 9.116 min
Delta R.T.: -0.014 min
Response: 88707365
Conc: 514.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



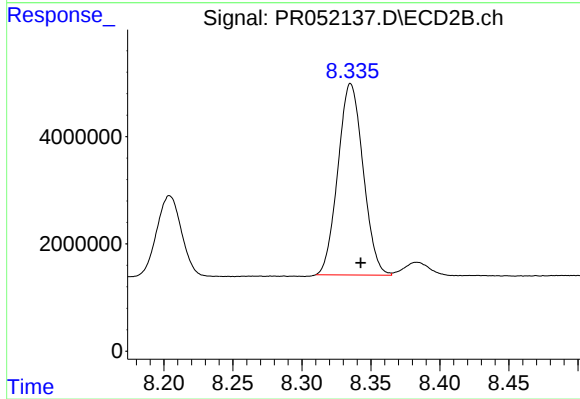
#39 AR-1262-4

R.T.: 7.832 min
Delta R.T.: -0.008 min
Response: 126755585
Conc: 312.90 ng/ml



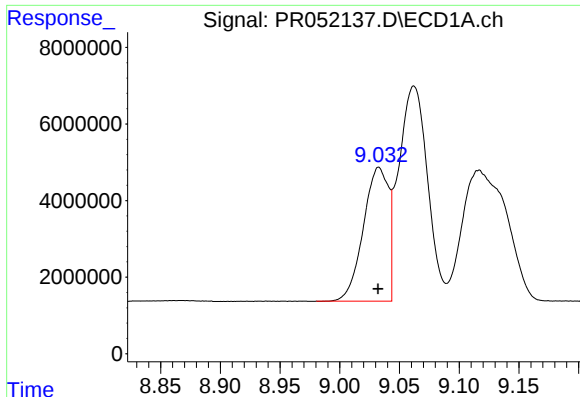
#40 AR-1262-5

R.T.: 9.849 min
Delta R.T.: 0.002 min
Response: 68515077
Conc: 274.77 ng/ml



#40 AR-1262-5

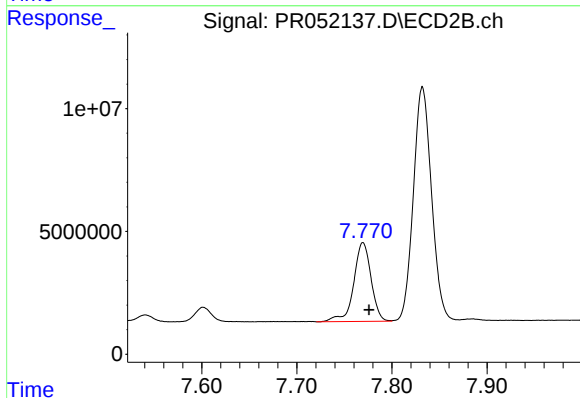
R.T.: 8.335 min
Delta R.T.: -0.007 min
Response: 45435626
Conc: 249.32 ng/ml



#41 AR-1268-1

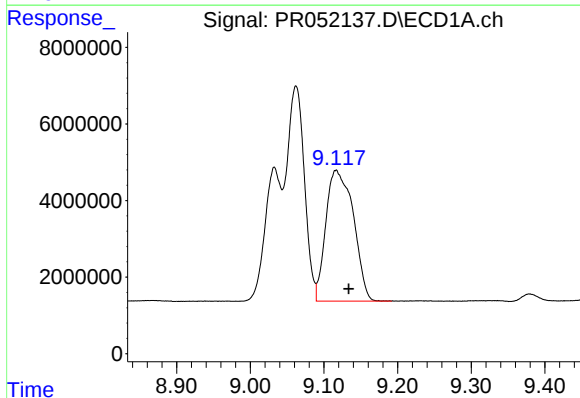
R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 51389040
Conc: 65.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



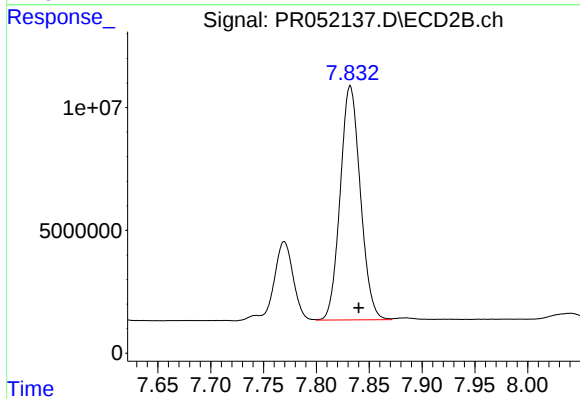
#41 AR-1268-1

R.T.: 7.770 min
Delta R.T.: -0.007 min
Response: 40651971
Conc: 64.82 ng/ml



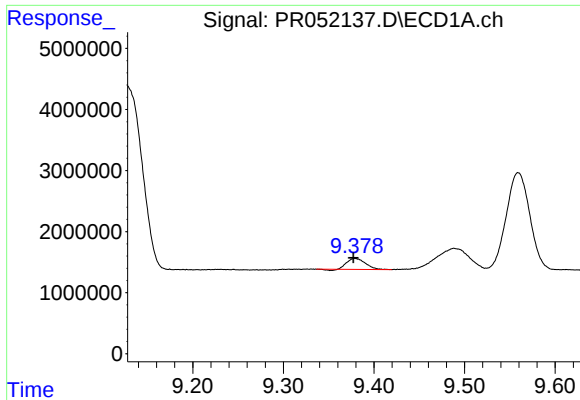
#42 AR-1268-2

R.T.: 9.116 min
Delta R.T.: -0.017 min
Response: 88707365
Conc: 125.22 ng/ml



#42 AR-1268-2

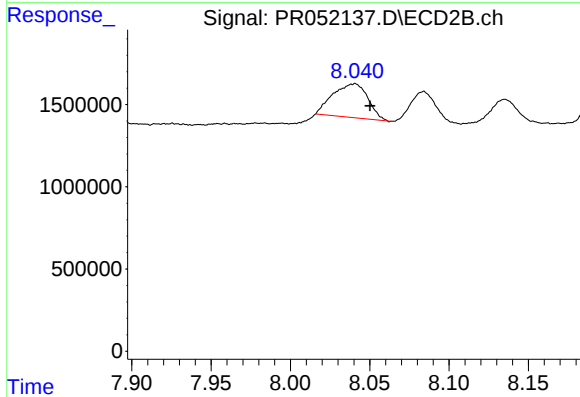
R.T.: 7.832 min
Delta R.T.: -0.008 min
Response: 126755585
Conc: 214.01 ng/ml



#43 AR-1268-3

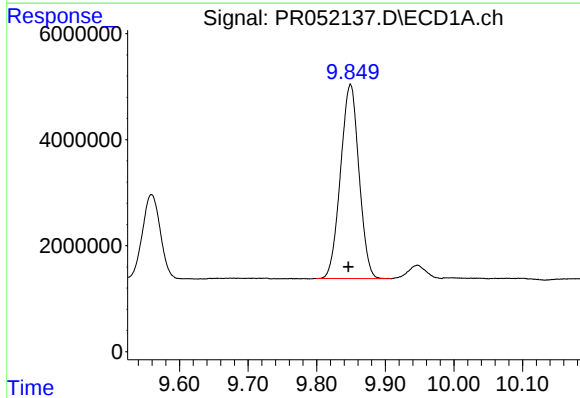
R.T.: 9.379 min
Delta R.T.: 0.001 min
Response: 2493861
Conc: 4.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



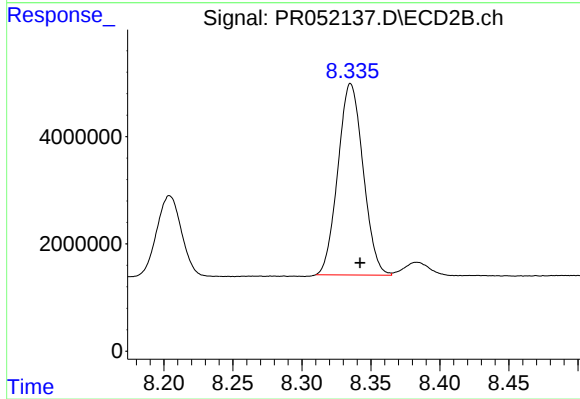
#43 AR-1268-3

R.T.: 8.040 min
Delta R.T.: -0.010 min
Response: 3138174
Conc: 6.11 ng/ml



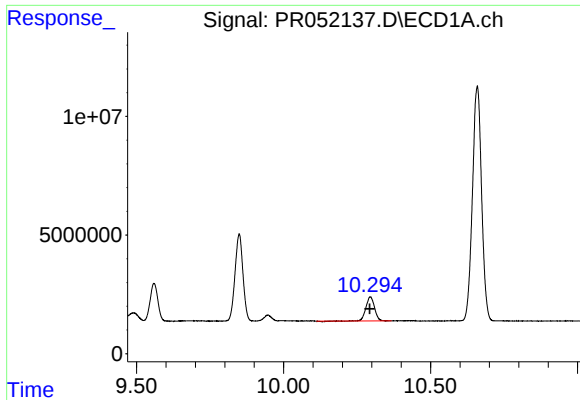
#44 AR-1268-4

R.T.: 9.849 min
Delta R.T.: 0.003 min
Response: 68515077
Conc: 251.33 ng/ml



#44 AR-1268-4

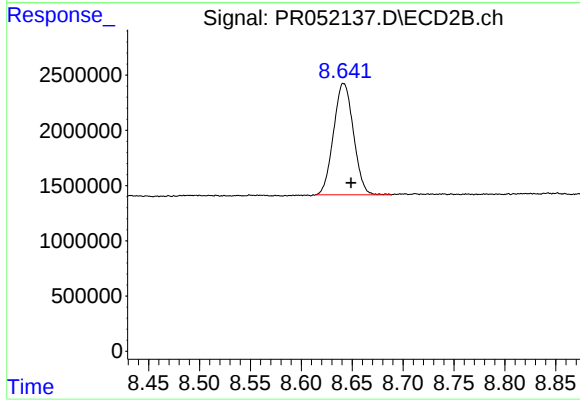
R.T.: 8.335 min
Delta R.T.: -0.007 min
Response: 45435626
Conc: 230.80 ng/ml



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: 0.002 min
Response: 20524264
Conc: 10.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603388



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: -0.007 min
Response: 13737400
Conc: 8.50 ng/ml