

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060719\
 Data File : PR038530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2019 09:02
 Operator : SM\MA
 Sample : PB120273BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 10:05:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 01:26:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.778	4.622	40788721	139.6E6	19.139	19.738
2)	SA Decachlor...	8.745	10.379	35564073	95130261	14.233	15.459
Target Compounds							
3)	L1 AR-1016-1	4.851	5.779	18155924	53325097	221.094	198.968
4)	L1 AR-1016-2	4.869	5.801	25982671	75751776	194.751	197.579
5)	L1 AR-1016-3	5.044	5.863	13434513	45546356	207.594	199.787
6)	L1 AR-1016-4	5.084	5.962	10947644	37417699	211.073	198.356
7)	L1 AR-1016-5	5.294	6.252	14191388	36928621	207.720	197.895
8)	L2 AR-1221-1	0.000	4.822	0	3891863	N.D.	30.730 #
9)	L2 AR-1221-2	4.075	4.914	1938490	6186643	62.948	67.215
10)	L2 AR-1221-3	4.150	4.990	7769456	23775491	78.847	79.608
11)	L3 AR-1232-1	4.150	4.990	7769456	23775491	109.375	111.583
12)	L3 AR-1232-2	4.869	5.515	25982671	35080730	298.926	308.058
13)	L3 AR-1232-3	5.044	5.801	13434513	75751776	324.057	305.699
14)	L3 AR-1232-4	5.125	5.962	13286568	37417699	368.965	309.446
15)	L3 AR-1232-5	5.294	6.047	14191388	32315349	348.608	372.281
16)	L4 AR-1242-1	4.851	5.779	18155924	53325097	170.918	150.520
17)	L4 AR-1242-2	4.869	5.801	25982671	75751776	147.087	148.807
18)	L4 AR-1242-3	5.044	5.863	13434513	45546356	158.413	151.392
19)	L4 AR-1242-4	5.125	5.962	13286568	37417699	164.450	148.906
20)	L4 AR-1242-5	5.642	6.690	10591383	5395808	90.436	18.692 #
21)	L5 AR-1248-1	4.851	5.779	18155924	53325097	206.867	190.980
22)	L5 AR-1248-2	5.084	6.047	10947644	32315349	93.376	88.523
23)	L5 AR-1248-3	5.125	6.252	13286568	36928621	109.882	86.944
24)	L5 AR-1248-4	5.294	6.650	14191388	6073746	94.084	12.035 #
25)	L5 AR-1248-5	5.681	6.690	1473325	5395808	9.096	11.299
26)	L6 AR-1254-1	5.642	6.624	10591383	25387812	47.926	54.577
27)	L6 AR-1254-2	5.786	6.838	9574583	26709738	50.510	40.249
28)	L6 AR-1254-3	6.199	7.205	22999743	15445752	73.049	20.395 #
29)	L6 AR-1254-4	6.410	7.486	2776084	9314925	12.904	16.164 #
30)	L6 AR-1254-5	6.823	7.901	35953173	79468986	126.709	130.328
31)	L7 AR-1260-1	6.314	7.364	26872633	58161530	203.283	169.261
32)	L7 AR-1260-2	6.498	7.618	34402581	67989504	201.715	167.758
33)	L7 AR-1260-3	6.652	7.973	30170235	50127360	199.831	164.673
34)	L7 AR-1260-4	7.118	8.204	24415552	56766389	188.889	159.470
35)	L7 AR-1260-5	7.356	8.531	55858422	111.7E6	163.909	153.617
36)	L8 AR-1262-1	6.913	7.973	13824029	50127360	115.523	70.869 #
37)	L8 AR-1262-2	7.356	8.531	55858422	111.7E6	86.592	78.828
38)	L8 AR-1262-3	7.637	8.868	12529441	70799647	45.952	78.177 #
39)	L8 AR-1262-4	7.700	8.923	38601919	43204603	78.869	63.841
40)	L8 AR-1262-5	8.195	9.613	12771902	31143846	57.982	63.323
41)	L9 AR-1268-1	7.637	8.868	12529441	70799647	24.194	64.821 #

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 ClientSampleId :

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 Quant Time: Jun 07 10:05:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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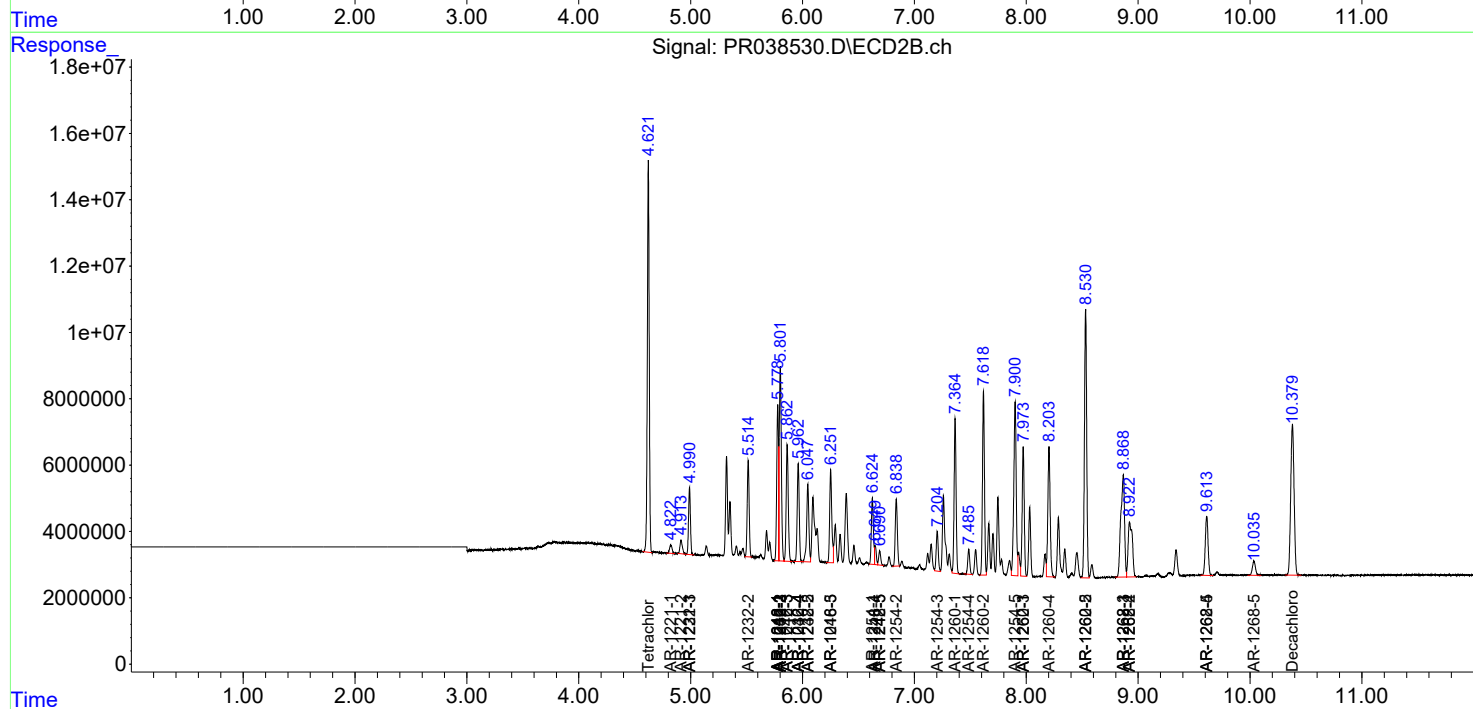
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

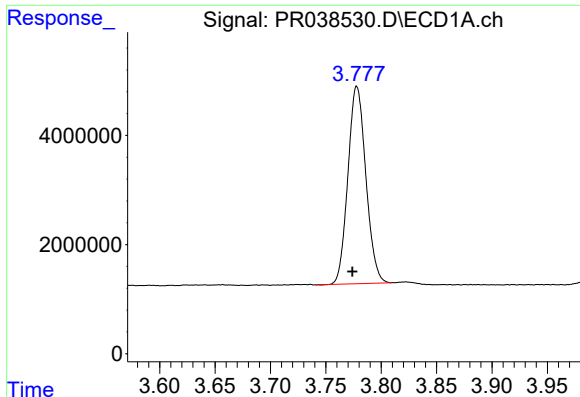
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.700	8.923	38601919	43204603	82.485	42.959 #
44) L9	AR-1268-4	8.195	9.613	12771902	31143846	78.975	87.309
45) L9	AR-1268-5	8.489	10.036	3058603	8235467	2.511	3.024

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

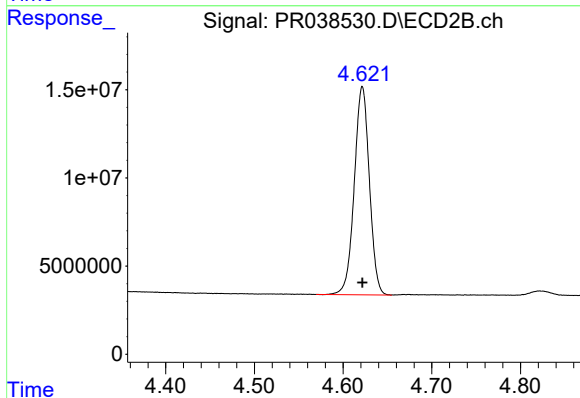




#1 Tetrachloro-m-xylene

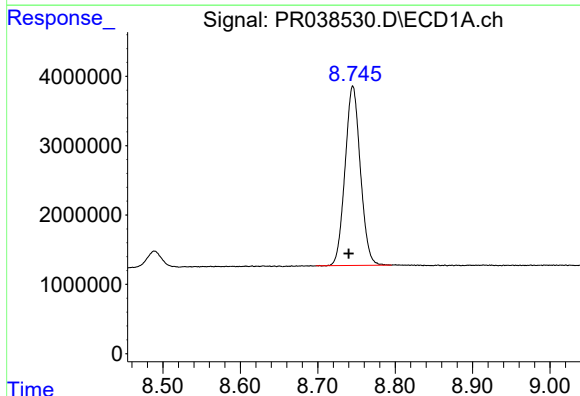
R.T.: 3.778 min
Delta R.T.: 0.004 min
Response: 40788721
Conc: 19.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



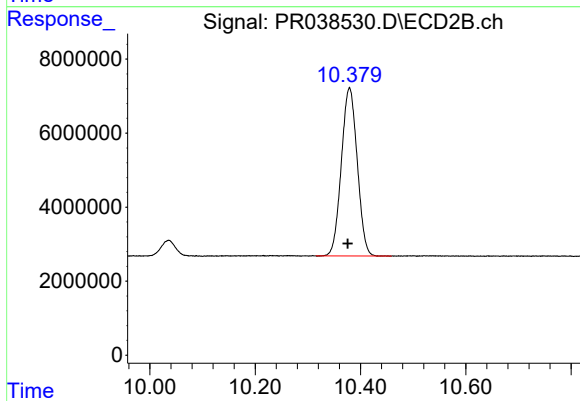
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 139628175
Conc: 19.74 ng/ml



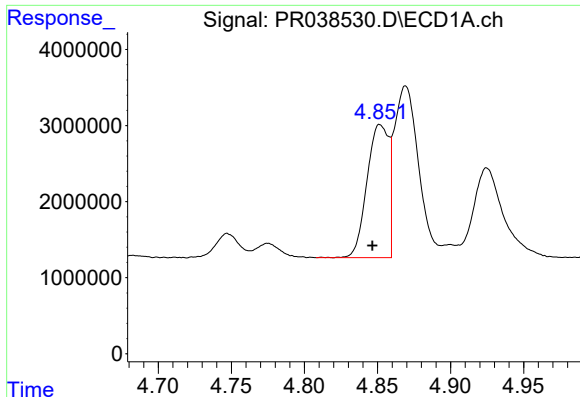
#2 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.005 min
Response: 35564073
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

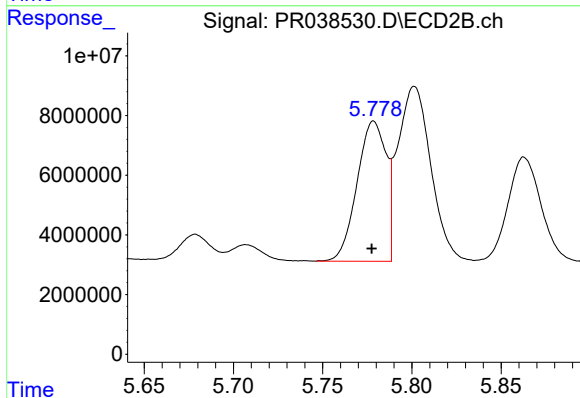
R.T.: 10.379 min
Delta R.T.: 0.003 min
Response: 95130261
Conc: 15.46 ng/ml



#3 AR-1016-1

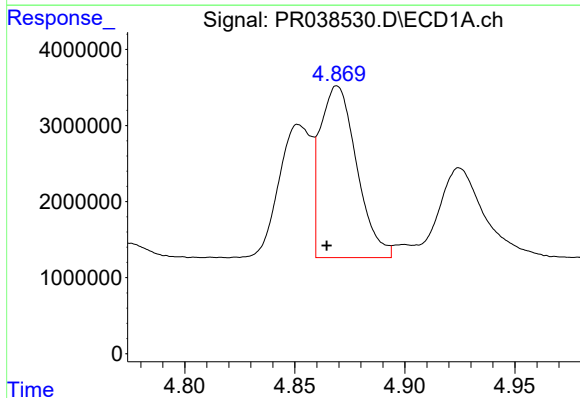
R.T.: 4.851 min
Delta R.T.: 0.005 min
Response: 18155924
Conc: 221.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



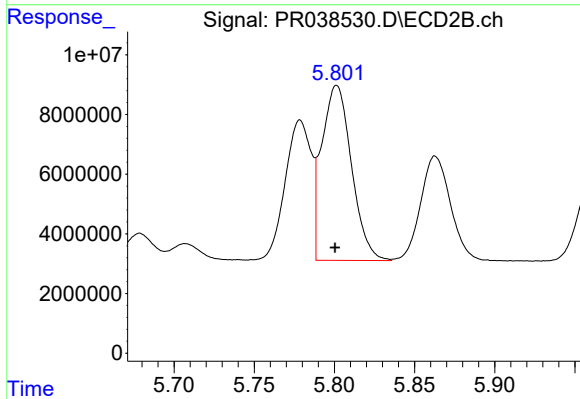
#3 AR-1016-1

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 53325097
Conc: 198.97 ng/ml



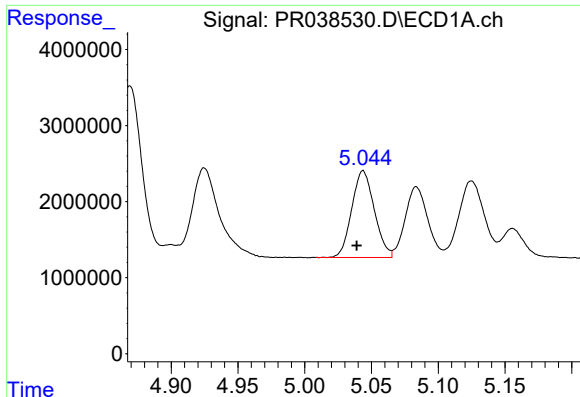
#4 AR-1016-2

R.T.: 4.869 min
Delta R.T.: 0.005 min
Response: 25982671
Conc: 194.75 ng/ml



#4 AR-1016-2

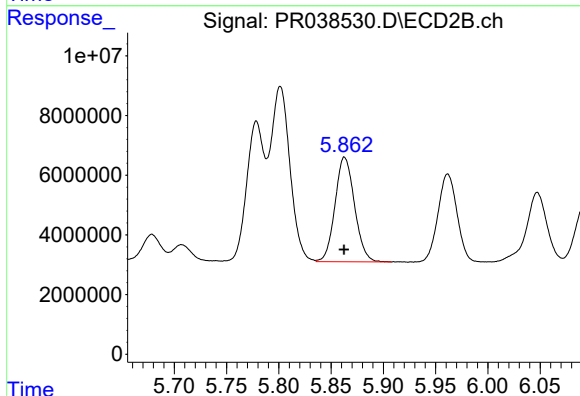
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 75751776
Conc: 197.58 ng/ml



#5 AR-1016-3

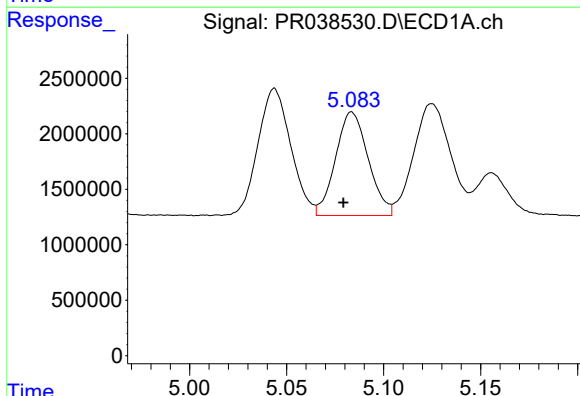
R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 13434513
Conc: 207.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



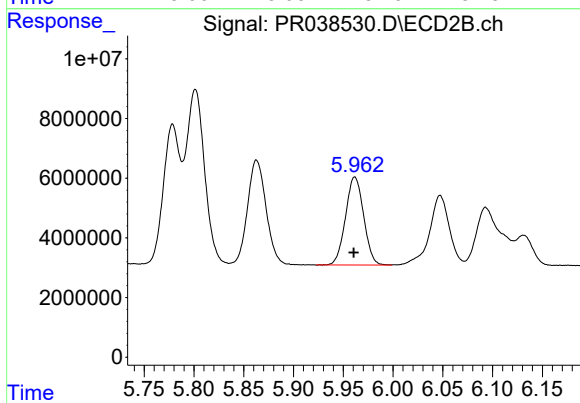
#5 AR-1016-3

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 45546356
Conc: 199.79 ng/ml



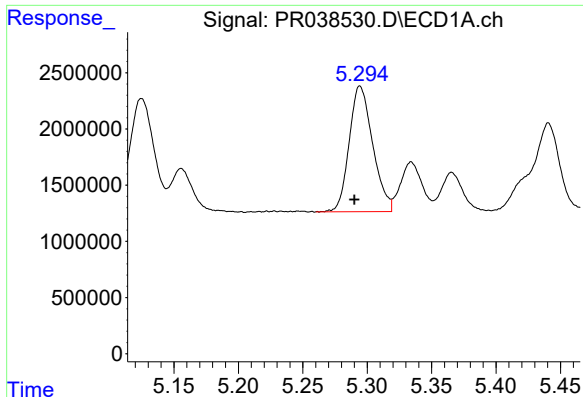
#6 AR-1016-4

R.T.: 5.084 min
Delta R.T.: 0.004 min
Response: 10947644
Conc: 211.07 ng/ml



#6 AR-1016-4

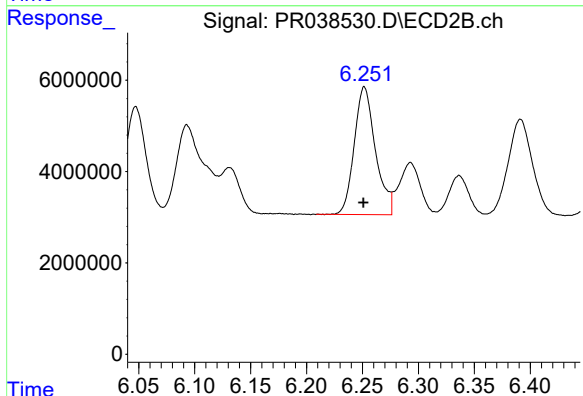
R.T.: 5.962 min
Delta R.T.: 0.001 min
Response: 37417699
Conc: 198.36 ng/ml



#7 AR-1016-5

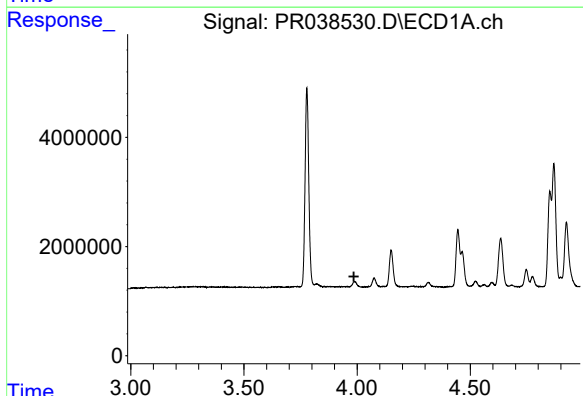
R.T.: 5.294 min
Delta R.T.: 0.004 min
Response: 14191388
Conc: 207.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



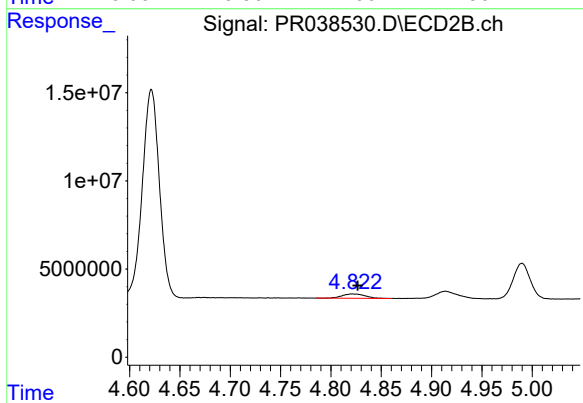
#7 AR-1016-5

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 36928621
Conc: 197.89 ng/ml



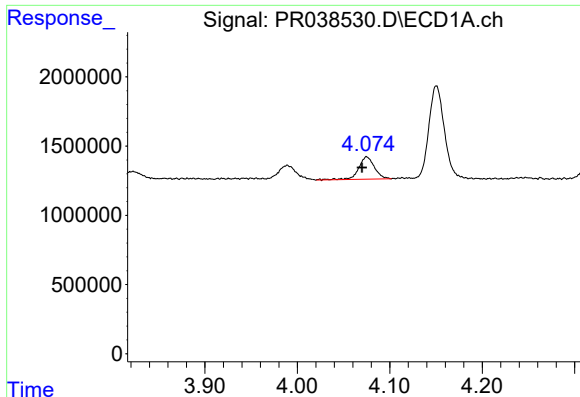
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.986 min
Response: 0
Conc: N.D.



#8 AR-1221-1

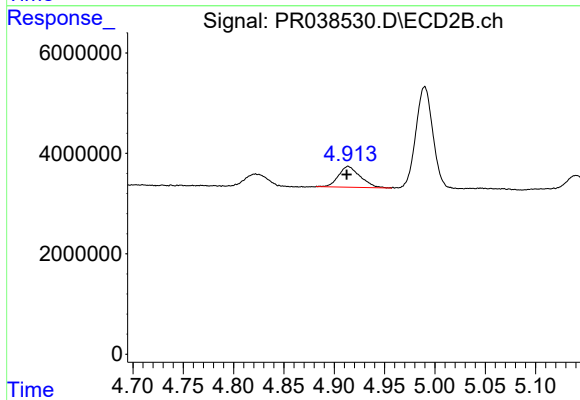
R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 3891863
Conc: 30.73 ng/ml



#9 AR-1221-2

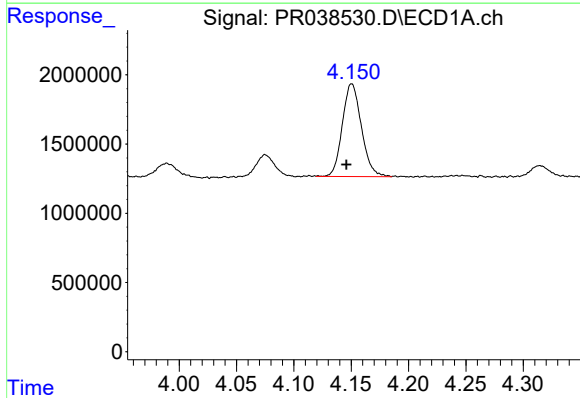
R.T.: 4.075 min
Delta R.T.: 0.005 min
Response: 1938490
Conc: 62.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



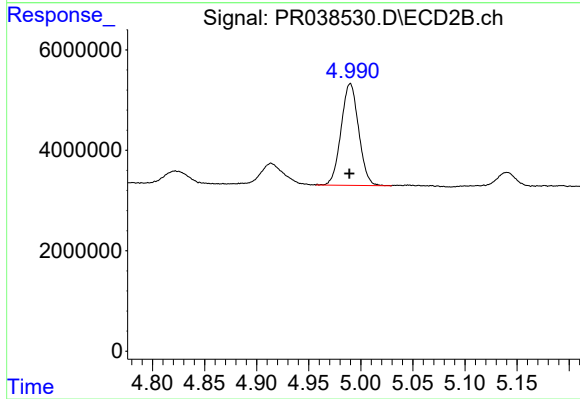
#9 AR-1221-2

R.T.: 4.914 min
Delta R.T.: 0.001 min
Response: 6186643
Conc: 67.21 ng/ml



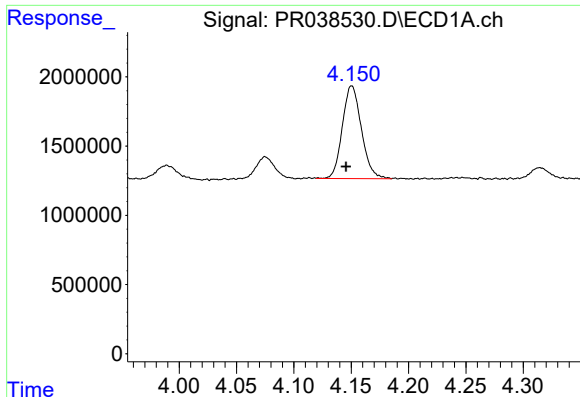
#10 AR-1221-3

R.T.: 4.150 min
Delta R.T.: 0.005 min
Response: 7769456
Conc: 78.85 ng/ml



#10 AR-1221-3

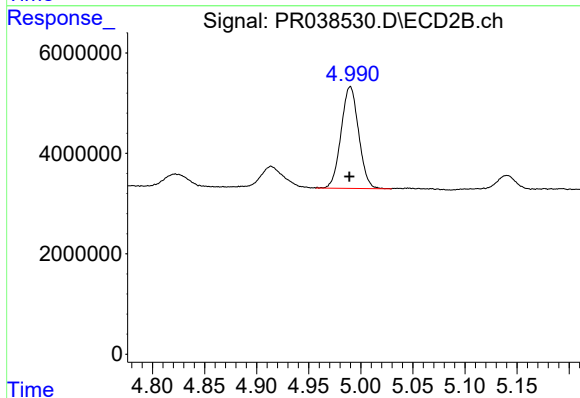
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 23775491
Conc: 79.61 ng/ml



#11 AR-1232-1

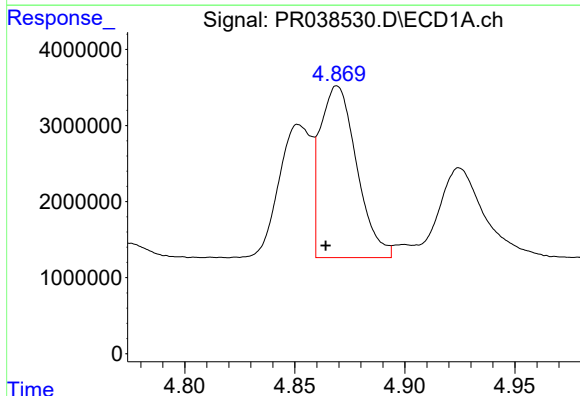
R.T.: 4.150 min
Delta R.T.: 0.005 min
Response: 7769456
Conc: 109.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



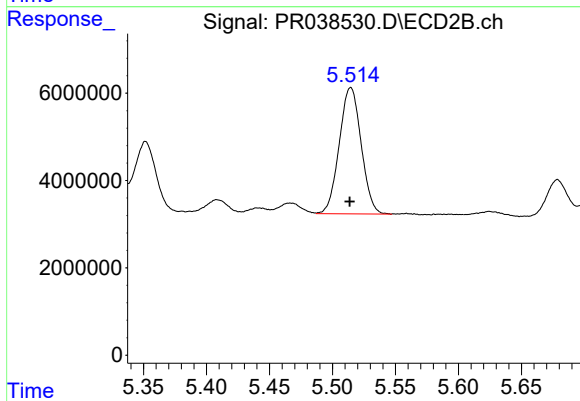
#11 AR-1232-1

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 23775491
Conc: 111.58 ng/ml



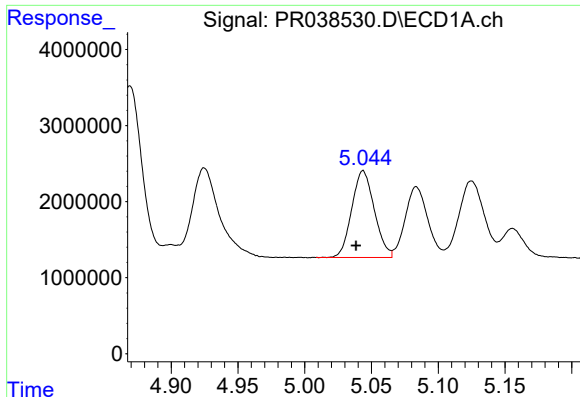
#12 AR-1232-2

R.T.: 4.869 min
Delta R.T.: 0.005 min
Response: 25982671
Conc: 298.93 ng/ml



#12 AR-1232-2

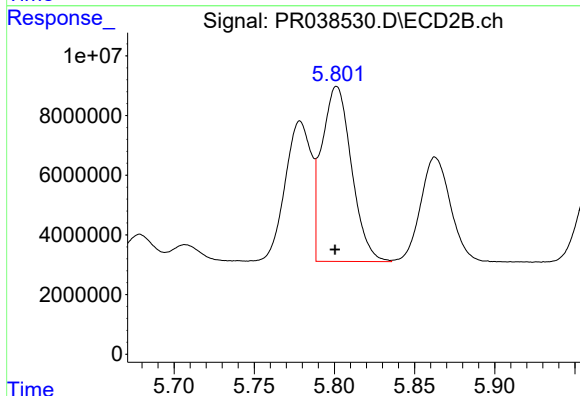
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 35080730
Conc: 308.06 ng/ml



#13 AR-1232-3

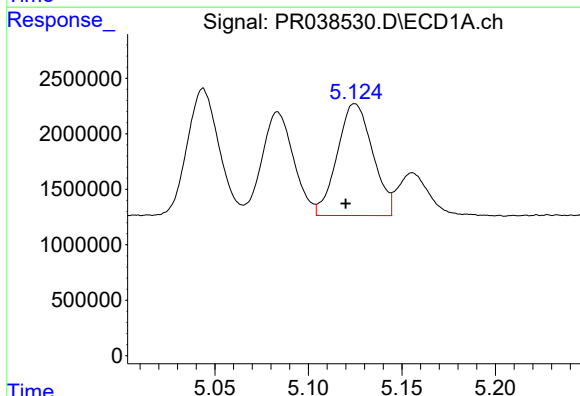
R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 13434513
Conc: 324.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



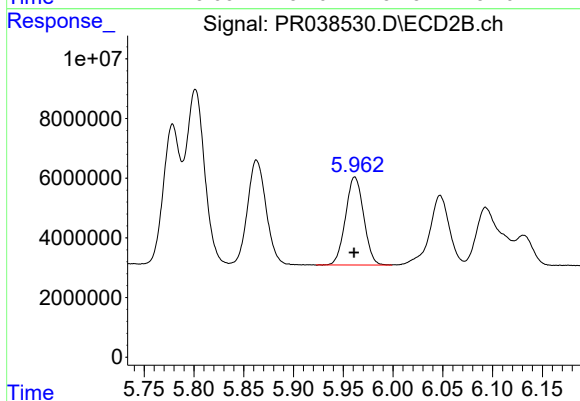
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: 0.001 min
Response: 75751776
Conc: 305.70 ng/ml



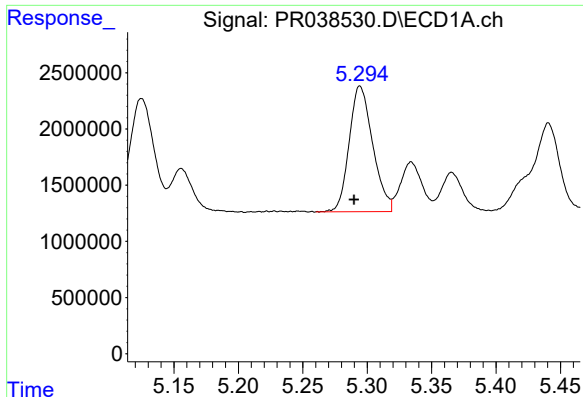
#14 AR-1232-4

R.T.: 5.125 min
Delta R.T.: 0.005 min
Response: 13286568
Conc: 368.97 ng/ml



#14 AR-1232-4

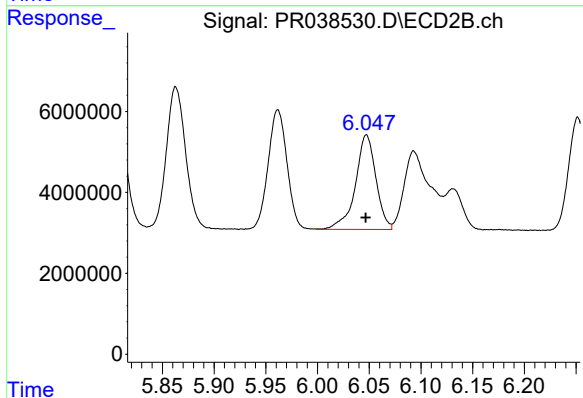
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 37417699
Conc: 309.45 ng/ml



#15 AR-1232-5

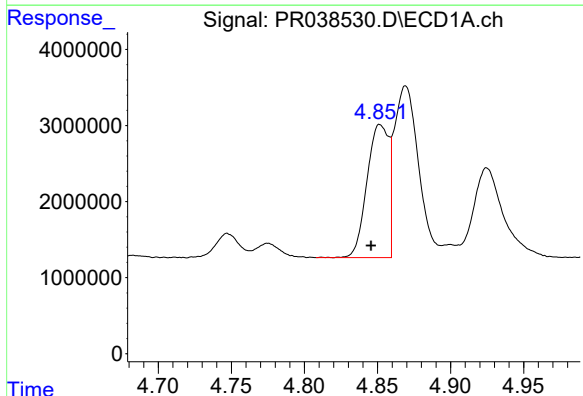
R.T.: 5.294 min
Delta R.T.: 0.005 min
Response: 14191388
Conc: 348.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



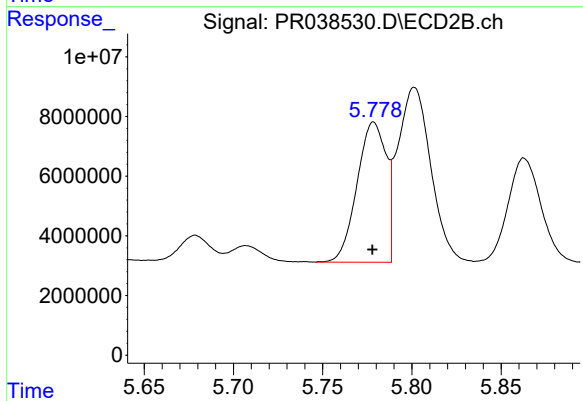
#15 AR-1232-5

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 32315349
Conc: 372.28 ng/ml



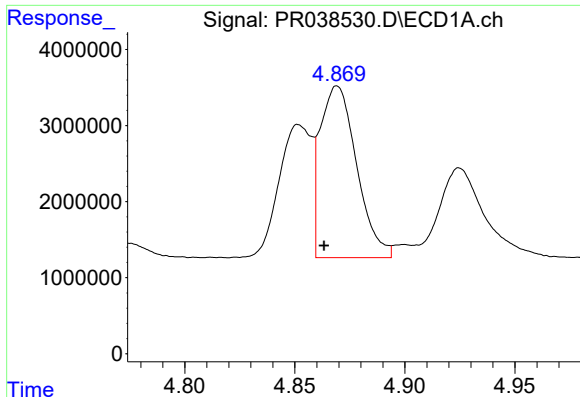
#16 AR-1242-1

R.T.: 4.851 min
Delta R.T.: 0.006 min
Response: 18155924
Conc: 170.92 ng/ml



#16 AR-1242-1

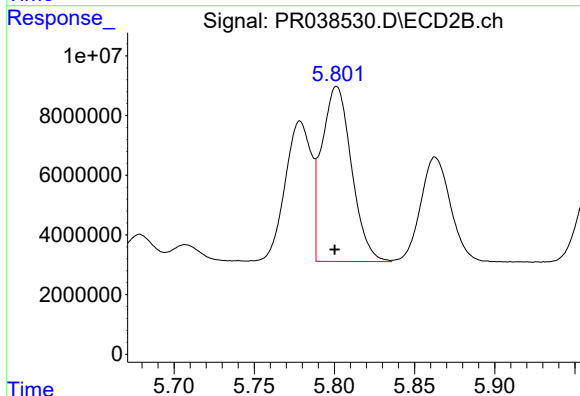
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 53325097
Conc: 150.52 ng/ml



#17 AR-1242-2

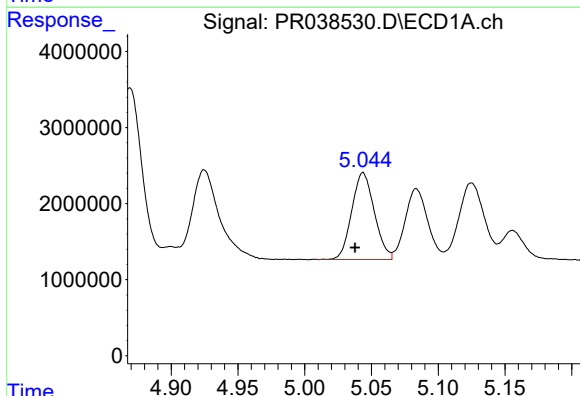
R.T.: 4.869 min
Delta R.T.: 0.006 min
Response: 25982671
Conc: 147.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



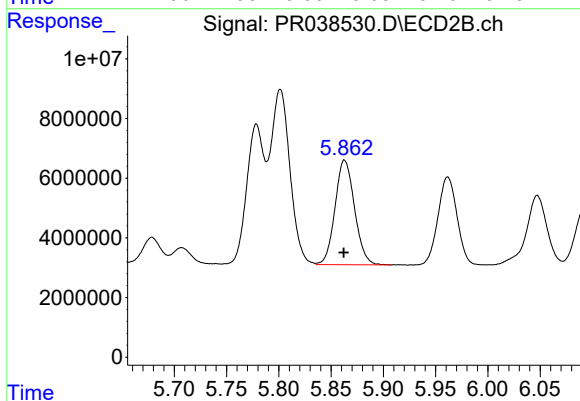
#17 AR-1242-2

R.T.: 5.801 min
Delta R.T.: 0.001 min
Response: 75751776
Conc: 148.81 ng/ml



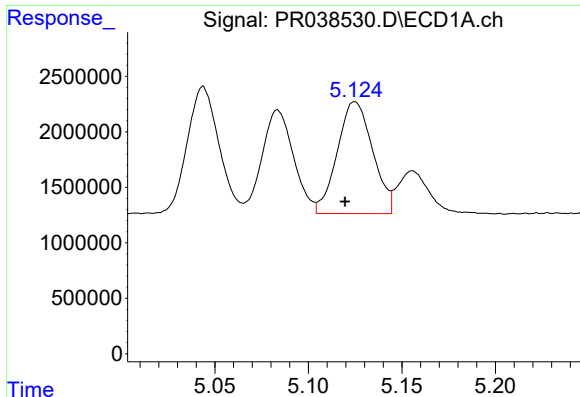
#18 AR-1242-3

R.T.: 5.044 min
Delta R.T.: 0.006 min
Response: 13434513
Conc: 158.41 ng/ml



#18 AR-1242-3

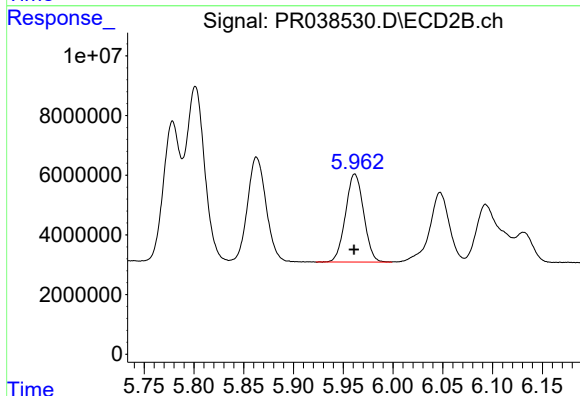
R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 45546356
Conc: 151.39 ng/ml



#19 AR-1242-4

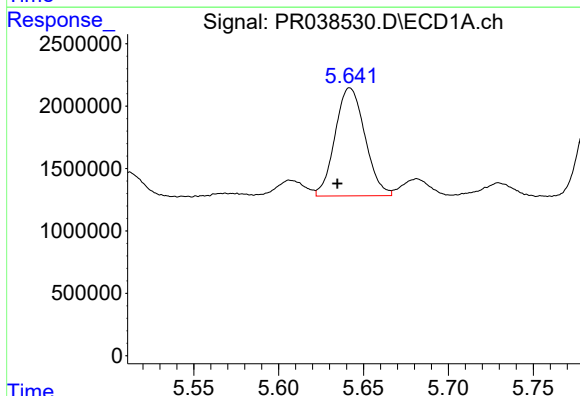
R.T.: 5.125 min
Delta R.T.: 0.005 min
Response: 13286568
Conc: 164.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



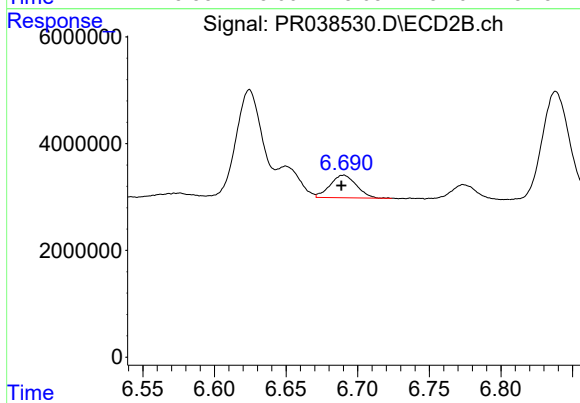
#19 AR-1242-4

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 37417699
Conc: 148.91 ng/ml



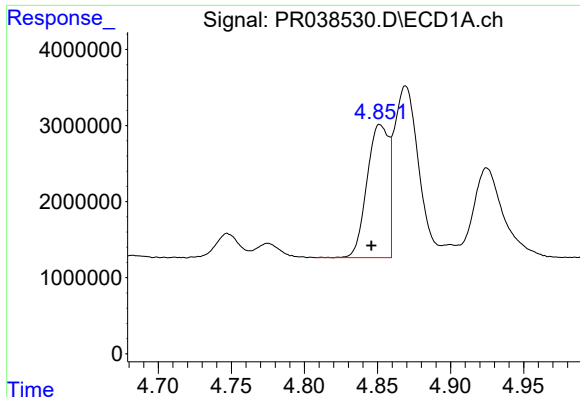
#20 AR-1242-5

R.T.: 5.642 min
Delta R.T.: 0.008 min
Response: 10591383
Conc: 90.44 ng/ml



#20 AR-1242-5

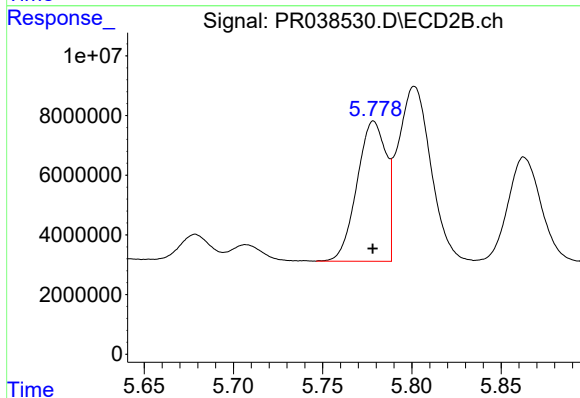
R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 5395808
Conc: 18.69 ng/ml



#21 AR-1248-1

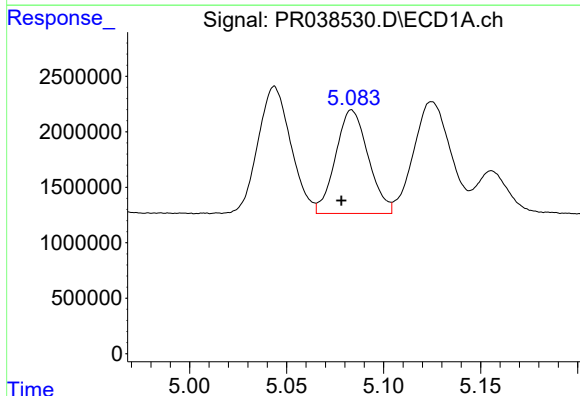
R.T.: 4.851 min
Delta R.T.: 0.006 min
Response: 18155924
Conc: 206.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



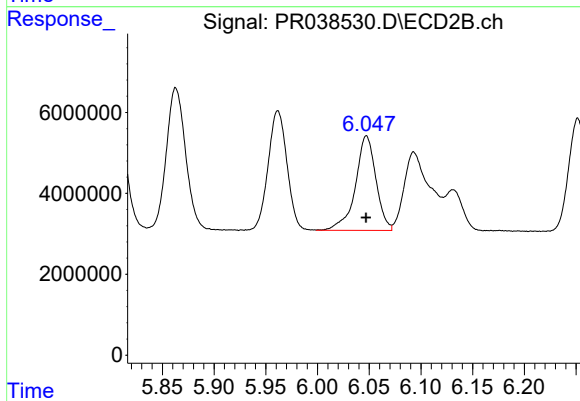
#21 AR-1248-1

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 53325097
Conc: 190.98 ng/ml



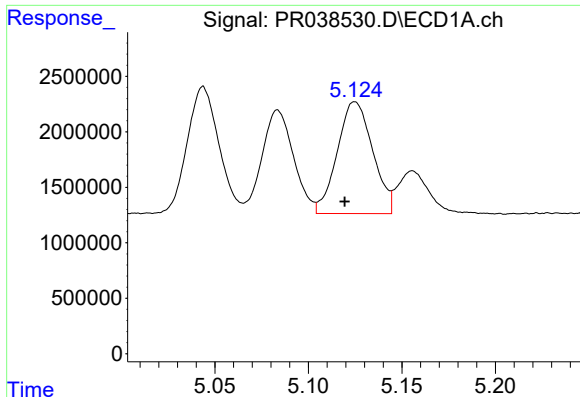
#22 AR-1248-2

R.T.: 5.084 min
Delta R.T.: 0.005 min
Response: 10947644
Conc: 93.38 ng/ml



#22 AR-1248-2

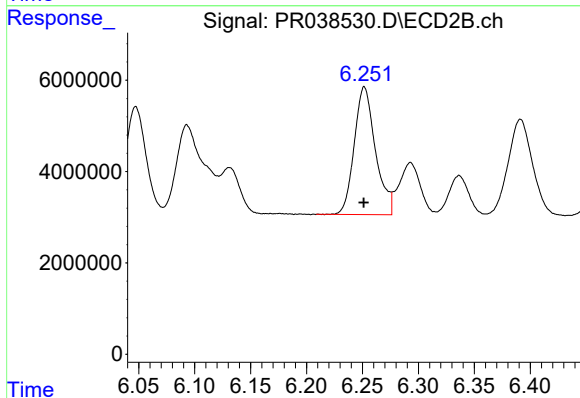
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 32315349
Conc: 88.52 ng/ml



#23 AR-1248-3

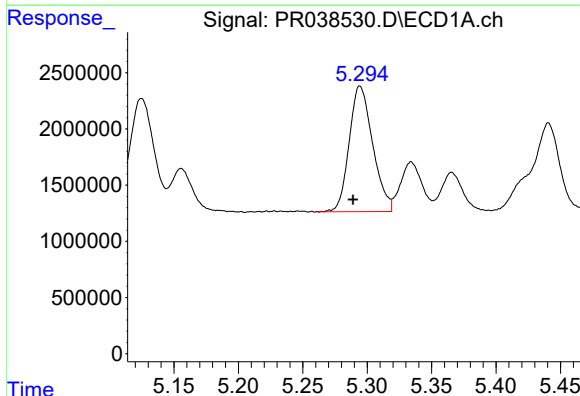
R.T.: 5.125 min
Delta R.T.: 0.005 min
Response: 13286568
Conc: 109.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



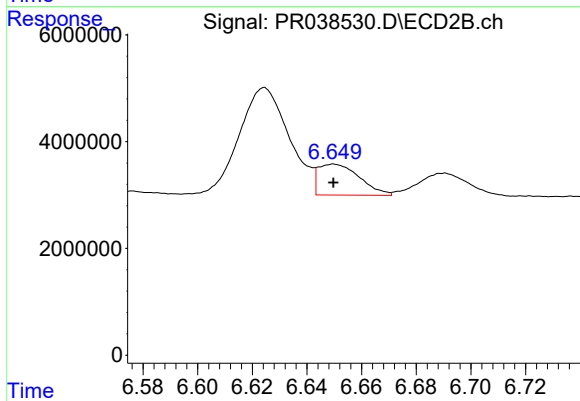
#23 AR-1248-3

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 36928621
Conc: 86.94 ng/ml



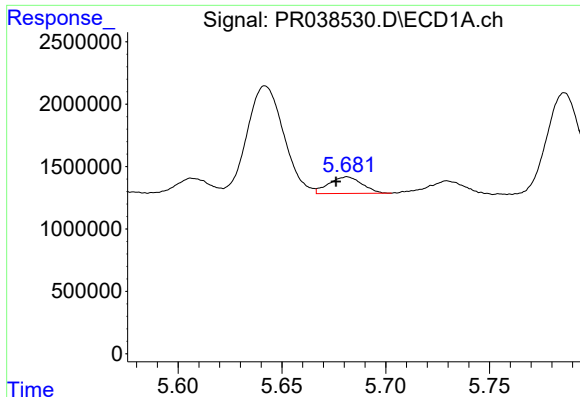
#24 AR-1248-4

R.T.: 5.294 min
Delta R.T.: 0.005 min
Response: 14191388
Conc: 94.08 ng/ml



#24 AR-1248-4

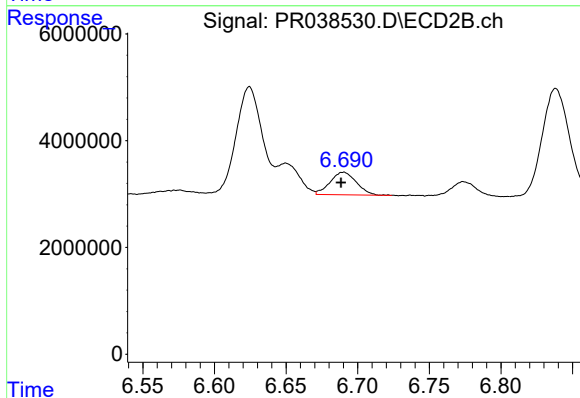
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 6073746
Conc: 12.04 ng/ml



#25 AR-1248-5

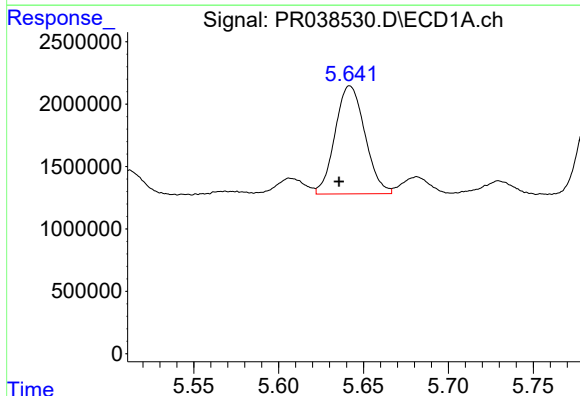
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 1473325
Conc: 9.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



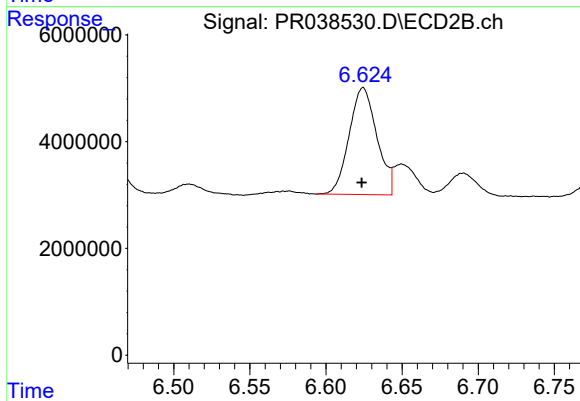
#25 AR-1248-5

R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 5395808
Conc: 11.30 ng/ml



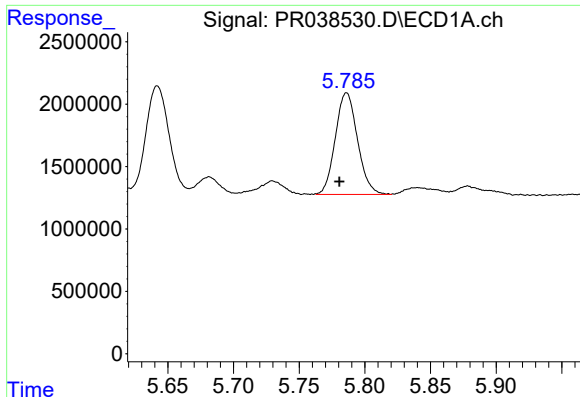
#26 AR-1254-1

R.T.: 5.642 min
Delta R.T.: 0.006 min
Response: 10591383
Conc: 47.93 ng/ml



#26 AR-1254-1

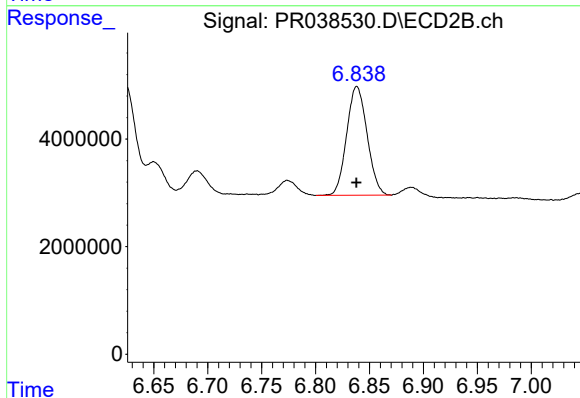
R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 25387812
Conc: 54.58 ng/ml



#27 AR-1254-2

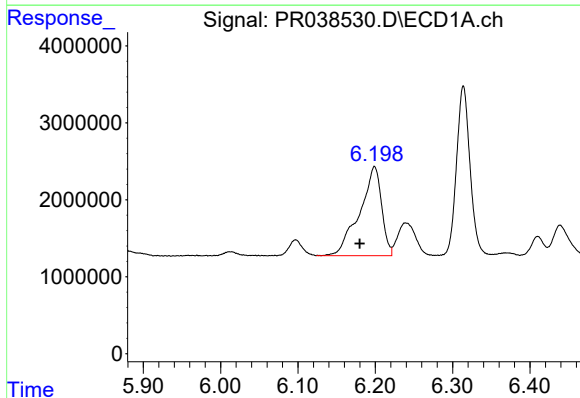
R.T.: 5.786 min
Delta R.T.: 0.005 min
Response: 9574583
Conc: 50.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



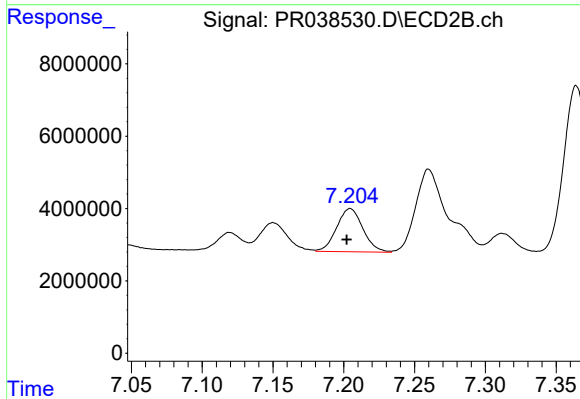
#27 AR-1254-2

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 26709738
Conc: 40.25 ng/ml



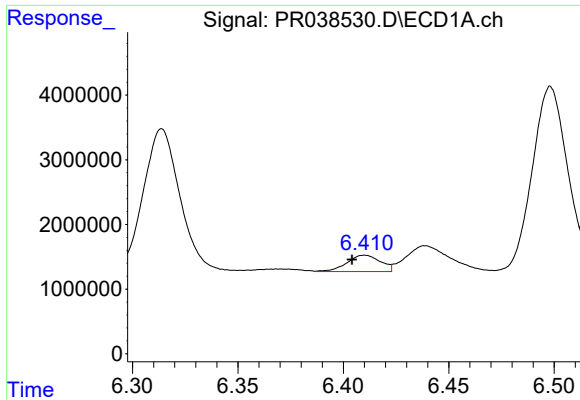
#28 AR-1254-3

R.T.: 6.199 min
Delta R.T.: 0.019 min
Response: 22999743
Conc: 73.05 ng/ml



#28 AR-1254-3

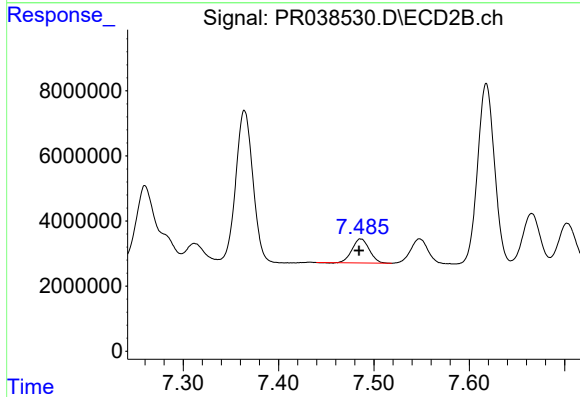
R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 15445752
Conc: 20.40 ng/ml



#29 AR-1254-4

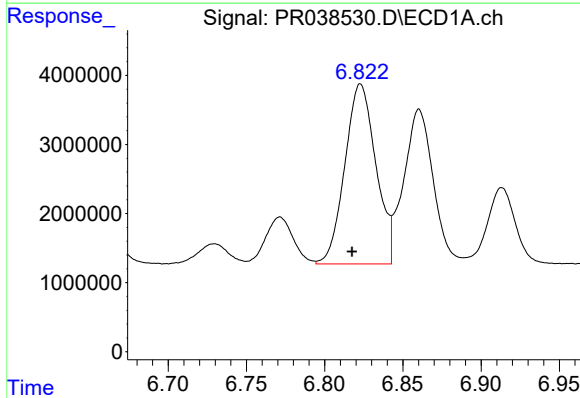
R.T.: 6.410 min
Delta R.T.: 0.006 min
Response: 2776084
Conc: 12.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



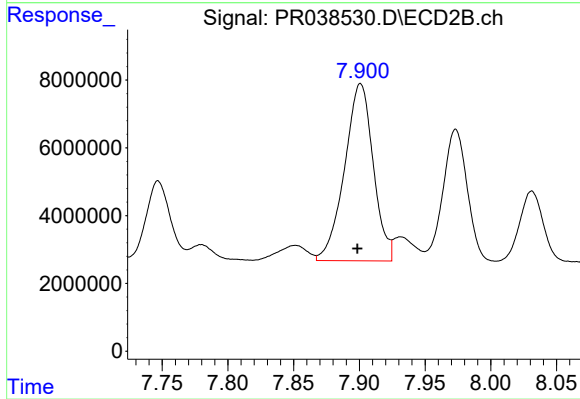
#29 AR-1254-4

R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 9314925
Conc: 16.16 ng/ml



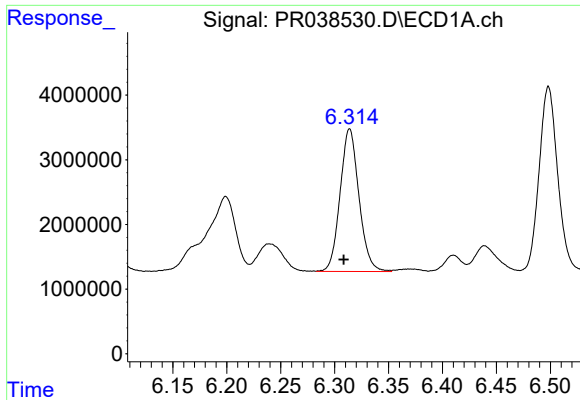
#30 AR-1254-5

R.T.: 6.823 min
Delta R.T.: 0.005 min
Response: 35953173
Conc: 126.71 ng/ml



#30 AR-1254-5

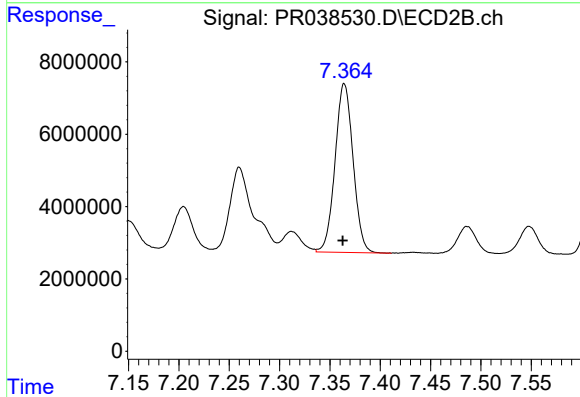
R.T.: 7.901 min
Delta R.T.: 0.002 min
Response: 79468986
Conc: 130.33 ng/ml



#31 AR-1260-1

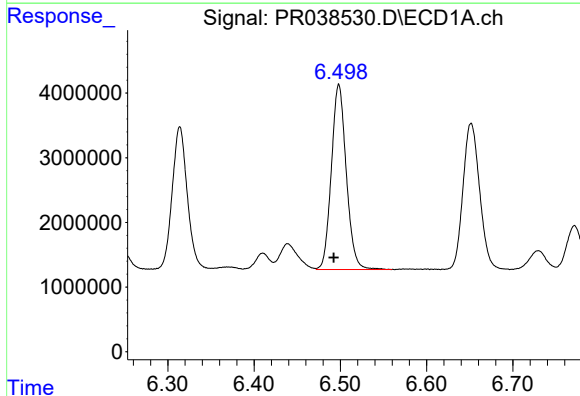
R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 26872633
Conc: 203.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



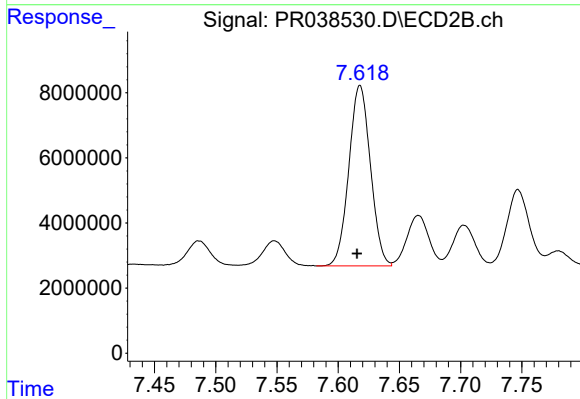
#31 AR-1260-1

R.T.: 7.364 min
Delta R.T.: 0.001 min
Response: 58161530
Conc: 169.26 ng/ml



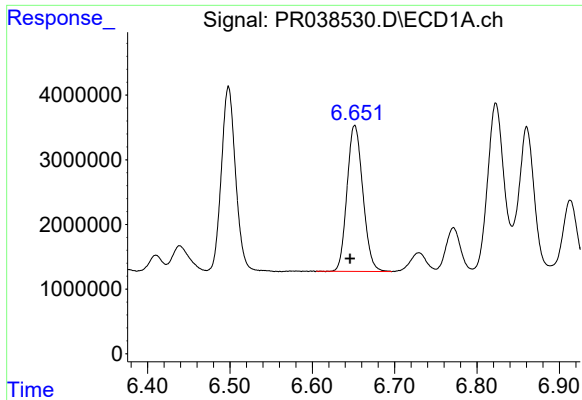
#32 AR-1260-2

R.T.: 6.498 min
Delta R.T.: 0.006 min
Response: 34402581
Conc: 201.72 ng/ml



#32 AR-1260-2

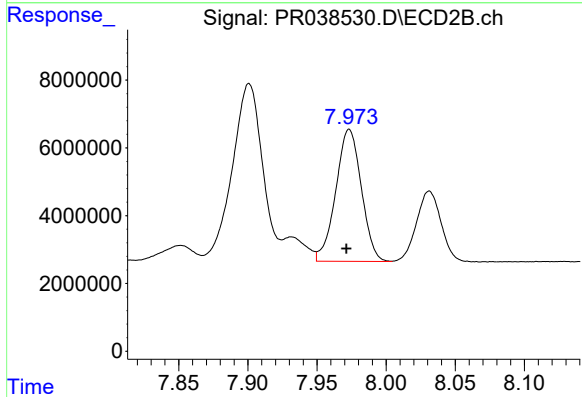
R.T.: 7.618 min
Delta R.T.: 0.002 min
Response: 67989504
Conc: 167.76 ng/ml



#33 AR-1260-3

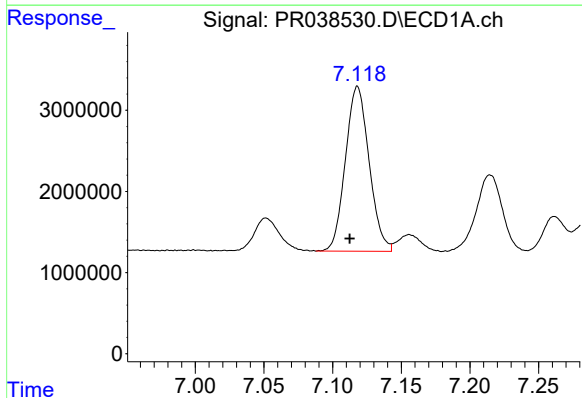
R.T.: 6.652 min
Delta R.T.: 0.005 min
Response: 30170235
Conc: 199.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



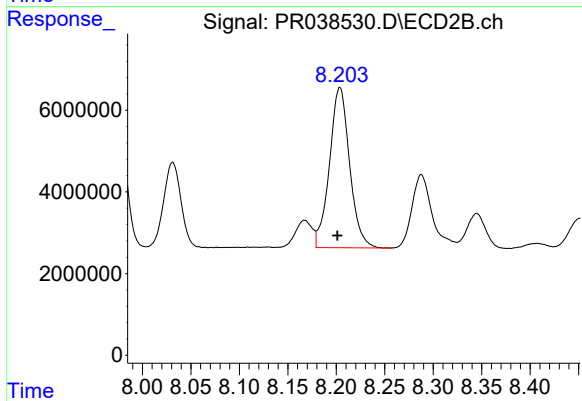
#33 AR-1260-3

R.T.: 7.973 min
Delta R.T.: 0.002 min
Response: 50127360
Conc: 164.67 ng/ml



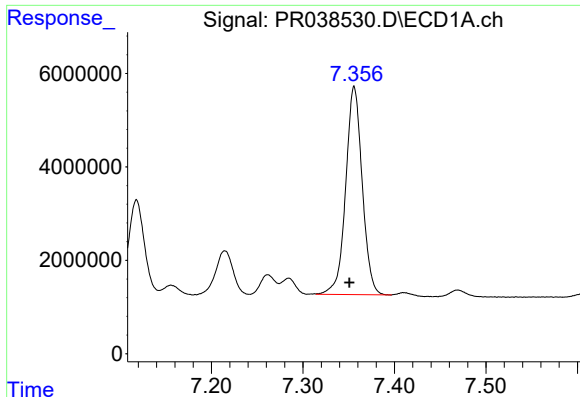
#34 AR-1260-4

R.T.: 7.118 min
Delta R.T.: 0.006 min
Response: 24415552
Conc: 188.89 ng/ml



#34 AR-1260-4

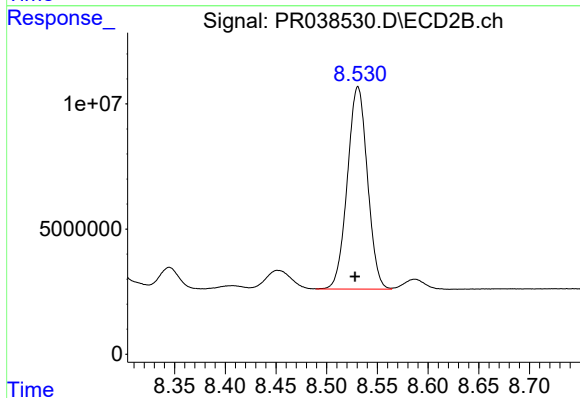
R.T.: 8.204 min
Delta R.T.: 0.003 min
Response: 56766389
Conc: 159.47 ng/ml



#35 AR-1260-5

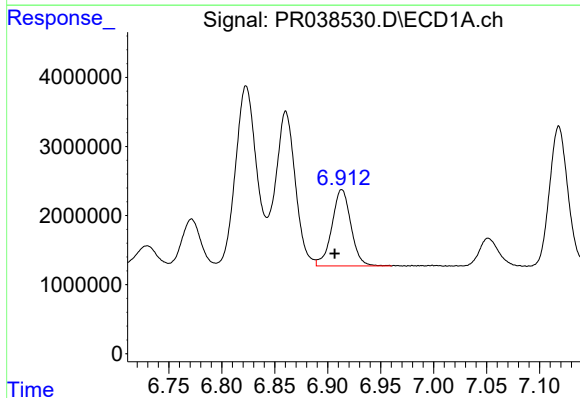
R.T.: 7.356 min
Delta R.T.: 0.005 min
Response: 55858422
Conc: 163.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



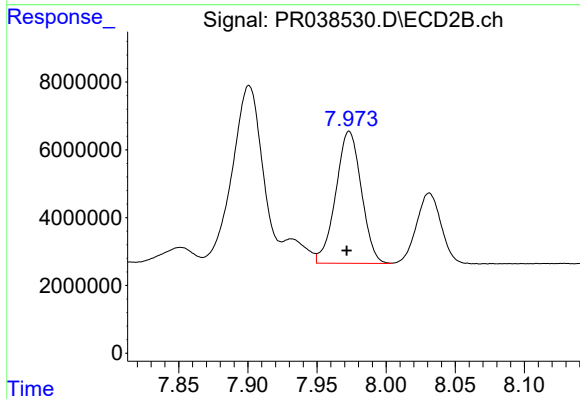
#35 AR-1260-5

R.T.: 8.531 min
Delta R.T.: 0.003 min
Response: 111651104
Conc: 153.62 ng/ml



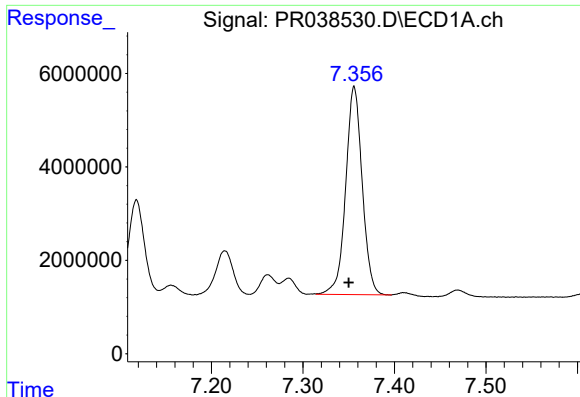
#36 AR-1262-1

R.T.: 6.913 min
Delta R.T.: 0.007 min
Response: 13824029
Conc: 115.52 ng/ml



#36 AR-1262-1

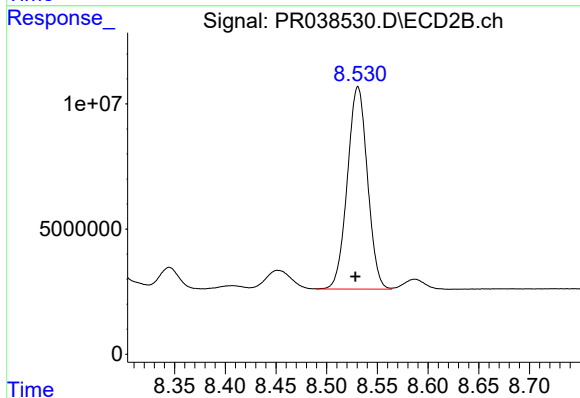
R.T.: 7.973 min
Delta R.T.: 0.002 min
Response: 50127360
Conc: 70.87 ng/ml



#37 AR-1262-2

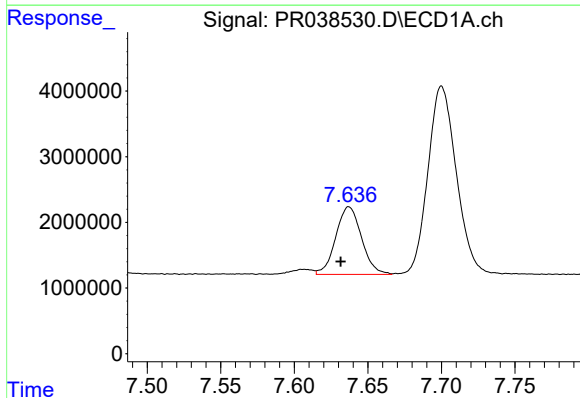
R.T.: 7.356 min
Delta R.T.: 0.006 min
Response: 55858422
Conc: 86.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



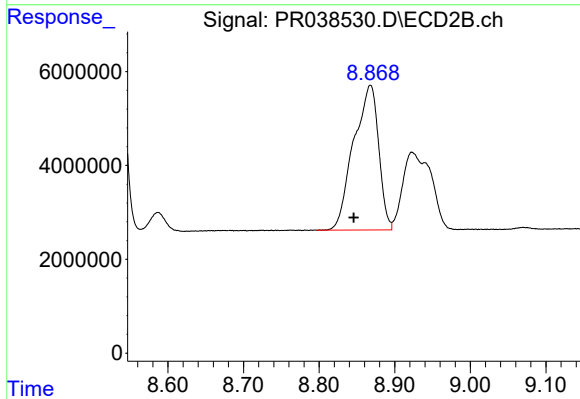
#37 AR-1262-2

R.T.: 8.531 min
Delta R.T.: 0.003 min
Response: 111651104
Conc: 78.83 ng/ml



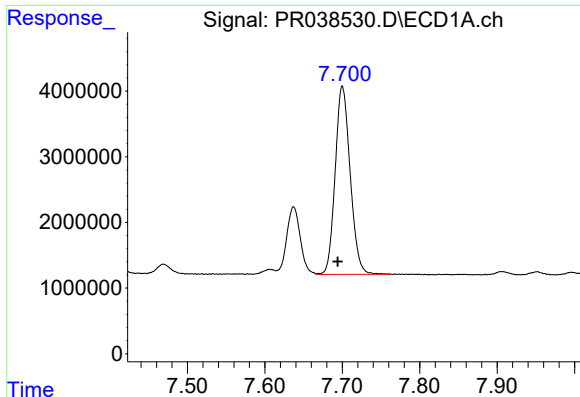
#38 AR-1262-3

R.T.: 7.637 min
Delta R.T.: 0.006 min
Response: 12529441
Conc: 45.95 ng/ml



#38 AR-1262-3

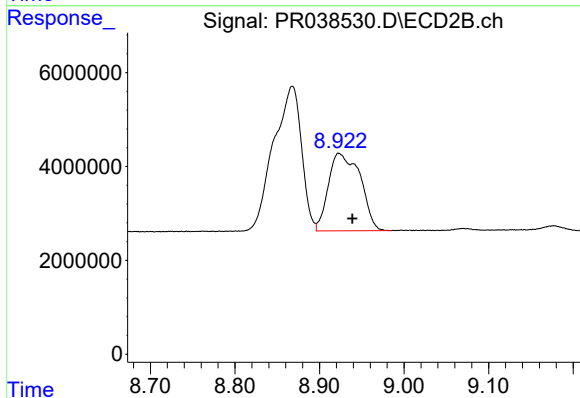
R.T.: 8.868 min
Delta R.T.: 0.022 min
Response: 70799647
Conc: 78.18 ng/ml



#39 AR-1262-4

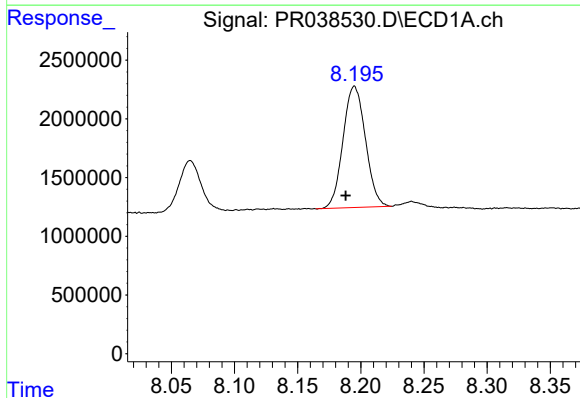
R.T.: 7.700 min
Delta R.T.: 0.006 min
Response: 38601919
Conc: 78.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



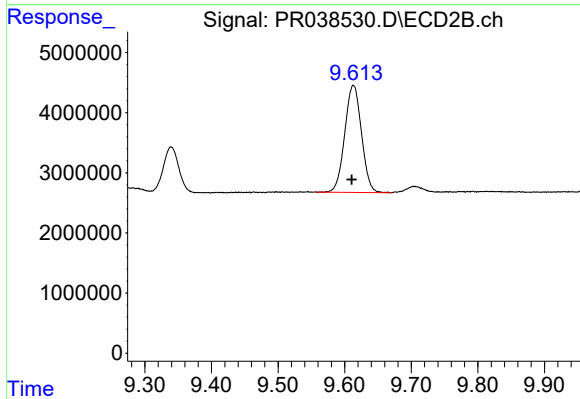
#39 AR-1262-4

R.T.: 8.923 min
Delta R.T.: -0.016 min
Response: 43204603
Conc: 63.84 ng/ml



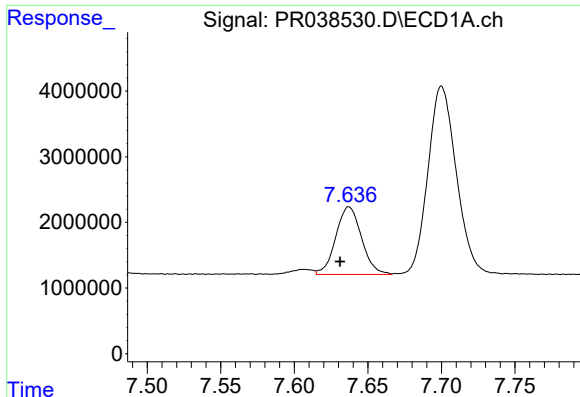
#40 AR-1262-5

R.T.: 8.195 min
Delta R.T.: 0.007 min
Response: 12771902
Conc: 57.98 ng/ml



#40 AR-1262-5

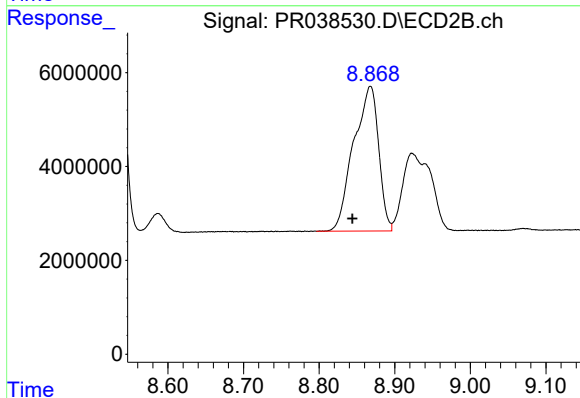
R.T.: 9.613 min
Delta R.T.: 0.003 min
Response: 31143846
Conc: 63.32 ng/ml



#41 AR-1268-1

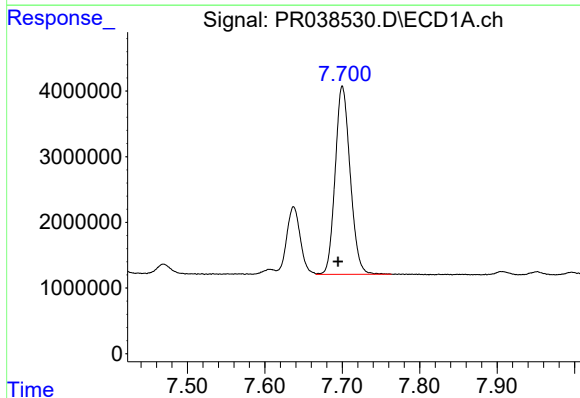
R.T.: 7.637 min
Delta R.T.: 0.006 min
Response: 12529441
Conc: 24.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



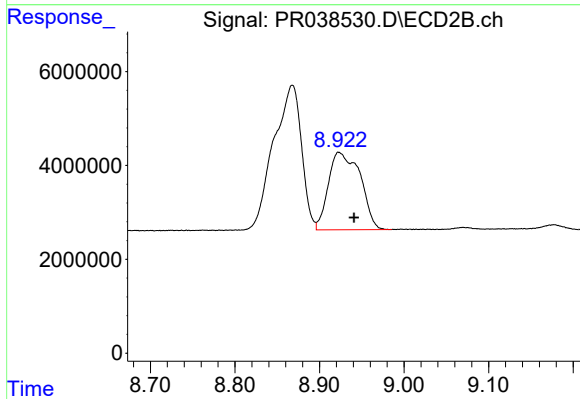
#41 AR-1268-1

R.T.: 8.868 min
Delta R.T.: 0.024 min
Response: 70799647
Conc: 64.82 ng/ml



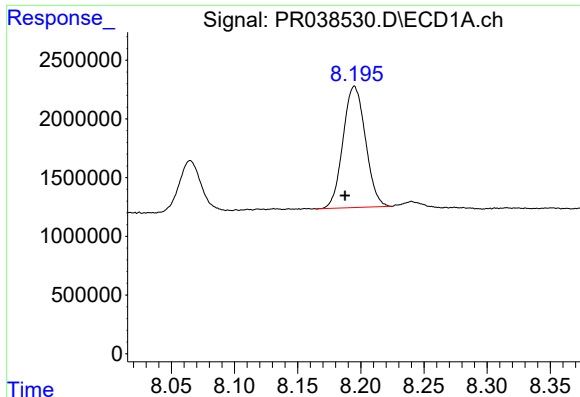
#42 AR-1268-2

R.T.: 7.700 min
Delta R.T.: 0.005 min
Response: 38601919
Conc: 82.49 ng/ml



#42 AR-1268-2

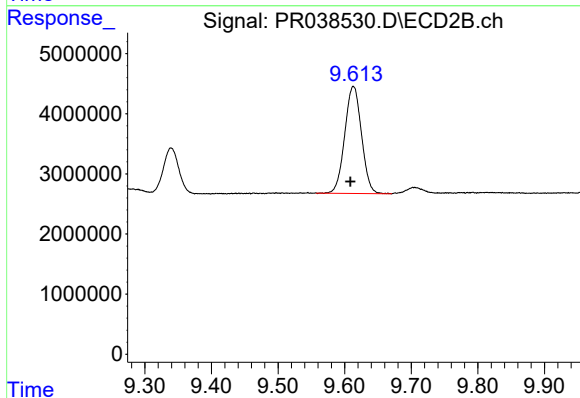
R.T.: 8.923 min
Delta R.T.: -0.018 min
Response: 43204603
Conc: 42.96 ng/ml



#44 AR-1268-4

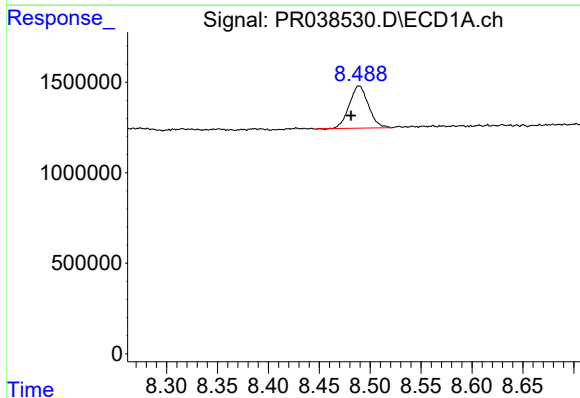
R.T.: 8.195 min
Delta R.T.: 0.007 min
Response: 12771902
Conc: 78.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



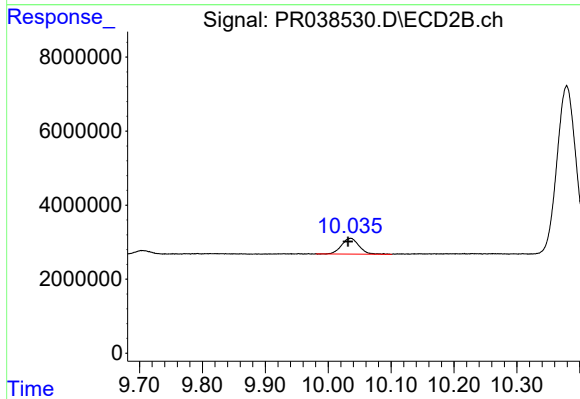
#44 AR-1268-4

R.T.: 9.613 min
Delta R.T.: 0.005 min
Response: 31143846
Conc: 87.31 ng/ml



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: 0.008 min
Response: 3058603
Conc: 2.51 ng/ml



#45 AR-1268-5

R.T.: 10.036 min
Delta R.T.: 0.004 min
Response: 8235467
Conc: 3.02 ng/ml