

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 07:28
 Operator : SM\AJ
 Sample : K5124-09
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 JLM79

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:39:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 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...	4.719	3.984	75639367	261.4E6	18.594	17.092
2)	SA Decachlor...	10.635	9.091	124.4E6	331.1E6	36.212	33.397
Target Compounds							
3)	L1 AR-1016-1	5.890	0.000	13133515	0	91.479	N.D. #
4)	L1 AR-1016-2	5.890	0.000	13133515	0	64.224	N.D. #
5)	L1 AR-1016-3	5.980	5.321f	451787	13614400	3.716	37.336 #
6)	L1 AR-1016-4	6.075	5.321	1548820	13614400	15.229	49.059 #
7)	L1 AR-1016-5	6.374	5.558	4469730	7380420	44.890	23.868 #
8)	L2 AR-1221-1	4.960	4.184	657436	6994111	16.013	41.400 #
9)	L2 AR-1221-2	5.029	4.333f	1849154	77367686	63.734	629.530 #
10)	L2 AR-1221-3	5.107	4.359	25555380	83731965	262.665	214.974
11)	L3 AR-1232-1	5.107	4.359	25555380	83731965	305.401	245.743
12)	L3 AR-1232-2	5.632	0.000	1060983	0	24.629	N.D. #
13)	L3 AR-1232-3	5.890	5.321f	13133515	13614400	146.065	80.839 #
14)	L3 AR-1232-4	6.075	5.321f	1548820	13614400	34.802	95.581 #
15)	L3 AR-1232-5	6.169	5.558	3346662	7380420	101.872	54.771 #
16)	L4 AR-1242-1	5.890	0.000	13133515	0	119.097	N.D. #
17)	L4 AR-1242-2	5.890	0.000	13133515	0	84.596	N.D. #
18)	L4 AR-1242-3	5.980	5.321f	451787	13614400	4.815	47.173 #
19)	L4 AR-1242-4	6.075	5.321f	1548820	13614400	19.937	52.299 #
20)	L4 AR-1242-5	6.813	5.903	14371294	28380487	164.191	106.978 #
21)	L5 AR-1248-1	5.890	0.000	13133515	0	157.831	N.D. #
22)	L5 AR-1248-2	6.169	5.321	3346662	13614400	29.164	36.552 #
23)	L5 AR-1248-3	6.374	5.321f	4469730	13614400	34.473	36.371
24)	L5 AR-1248-4	6.782	5.558	2003167	7380420	13.055	18.531 #
25)	L5 AR-1248-5	6.813	5.938	14371294	13305294	99.257	38.095 #
26)	L6 AR-1254-1	6.750	5.903	12935867	28380487	79.210	53.575 #
27)	L6 AR-1254-2	6.969	6.034	6986049	27628933	28.158	55.109 #
28)	L6 AR-1254-3	7.387f	6.443	7404144	18436285	27.437	19.541 #
29)	L6 AR-1254-4	7.623	6.670	13511618	13200954	66.574	19.939 #
30)	L6 AR-1254-5	8.063	7.086	39505596	54534455	185.774	63.512 #
31)	L7 AR-1260-1	7.499	0.000	11219091	0	59.214	N.D. #
32)	L7 AR-1260-2	7.749	6.760	24413939	18116421	103.291	22.221 #
33)	L7 AR-1260-3	8.117	6.918	21715225	9324379	115.674	13.488 #
34)	L7 AR-1260-4	8.376	7.388	32667535	48771004	162.552	84.045 #
35)	L7 AR-1260-5	8.694	7.628	17344230	26473150	40.066	16.283 #
36)	L8 AR-1262-1	8.175	7.086	13860432	54534455	147.247	125.142
37)	L8 AR-1262-2	8.694	7.628	17344230	26473150	40.210	15.378 #
38)	L8 AR-1262-3	9.024	7.914	72735305	165.7E6	260.939	253.817
39)	L8 AR-1262-4	9.125	7.979	70627072	167.6E6	344.743	143.447 #
40)	L8 AR-1262-5	9.827	8.494	21653149	46952468	150.109	87.777 #
41)	L9 AR-1268-1	9.024	7.914	72735305	165.7E6	132.428	75.559 #
42)	L9 AR-1268-2	9.125	7.979	70627072	167.6E6	142.057	84.242 #

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 Operator : SM\AJ
 Sample : K5124-09
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

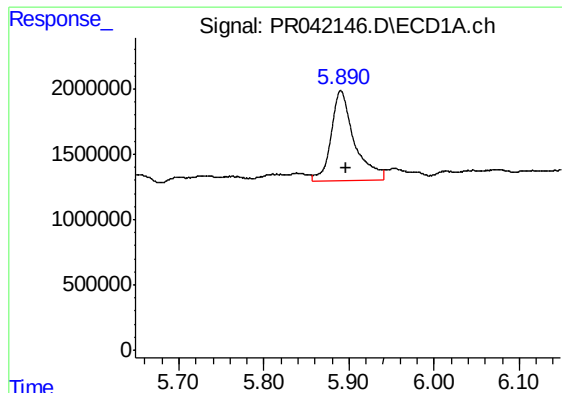
Instrument :
 ECD_R
 ClientSampleId :
 JLM79

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:39:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
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 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
43) L9	AR-1268-3	9.369	8.192	45243550	115.3E6	110.923	68.808 #
44) L9	AR-1268-4	9.827	8.494	21653149	46952468	123.416	72.755 #
45) L9	AR-1268-5	10.271	8.812	118.3E6	278.9E6	90.815	60.772 #

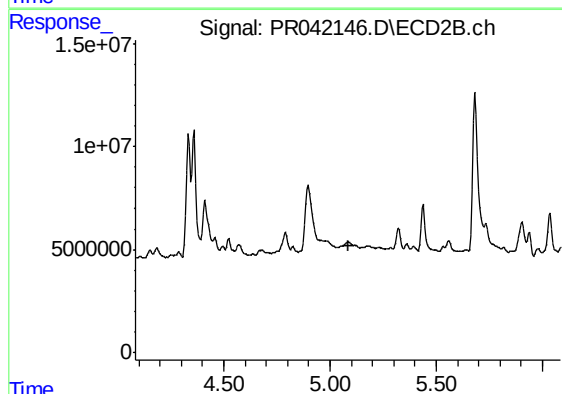
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

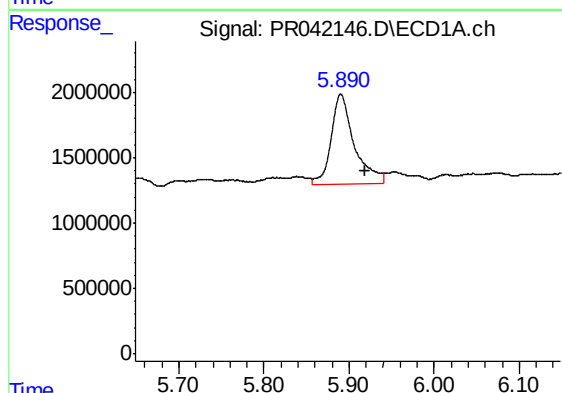
R.T.: 5.890 min
Delta R.T.: -0.007 min
Response: 13133515
Conc: 91.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



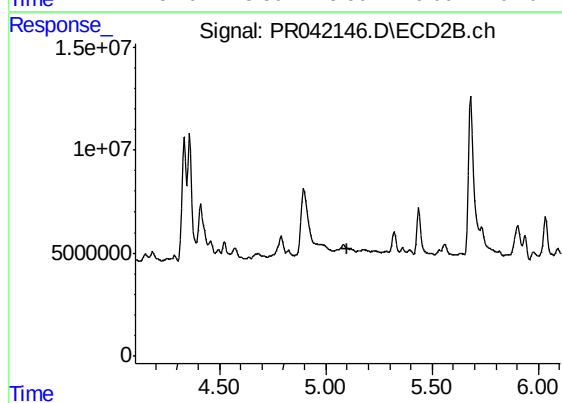
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



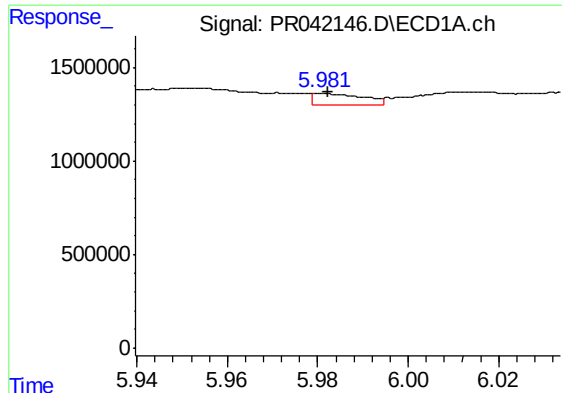
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.029 min
Response: 13133515
Conc: 64.22 ng/ml



#4 AR-1016-2

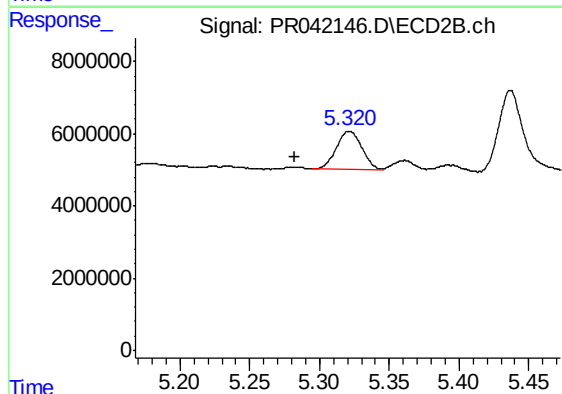
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#5 AR-1016-3

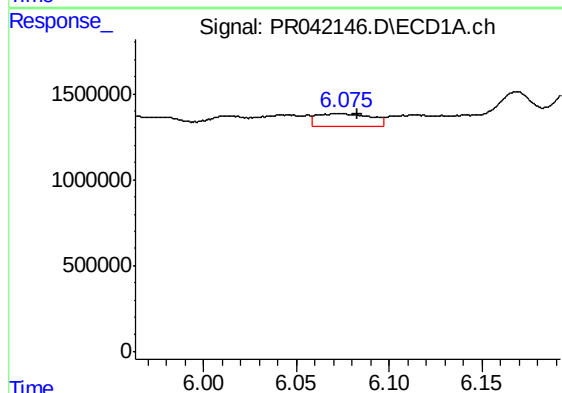
R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 451787
Conc: 3.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



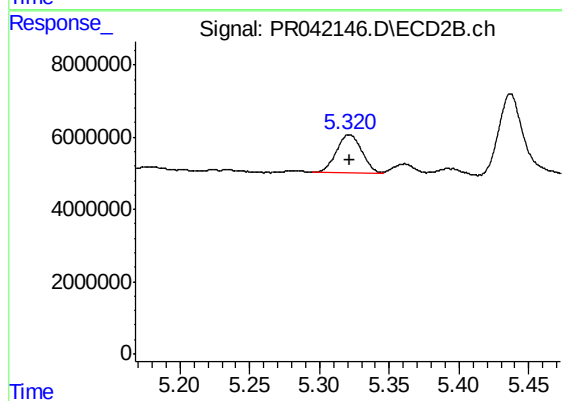
#5 AR-1016-3

R.T.: 5.321 min
Delta R.T.: 0.038 min
Response: 13614400
Conc: 37.34 ng/ml



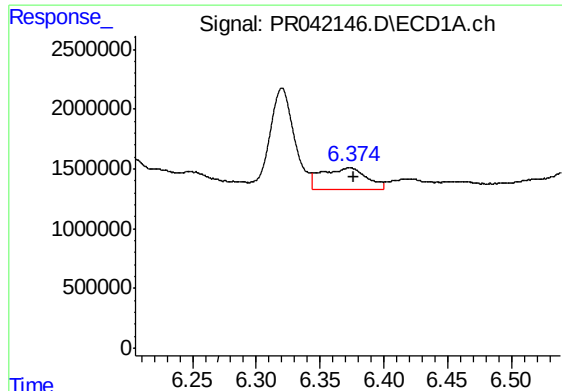
#6 AR-1016-4

R.T.: 6.075 min
Delta R.T.: -0.008 min
Response: 1548820
Conc: 15.23 ng/ml



#6 AR-1016-4

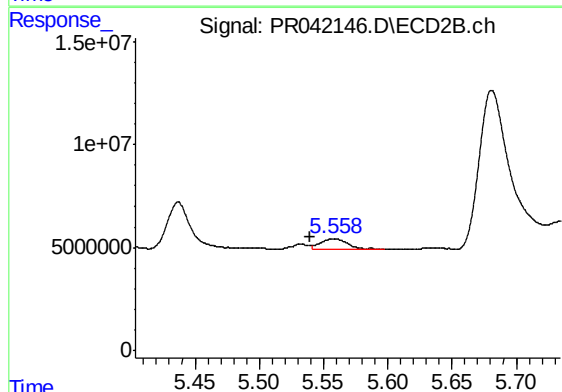
R.T.: 5.321 min
Delta R.T.: -0.001 min
Response: 13614400
Conc: 49.06 ng/ml



#7 AR-1016-5

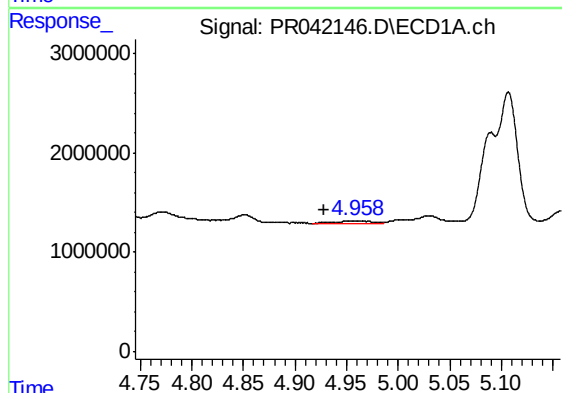
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 4469730
Conc: 44.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



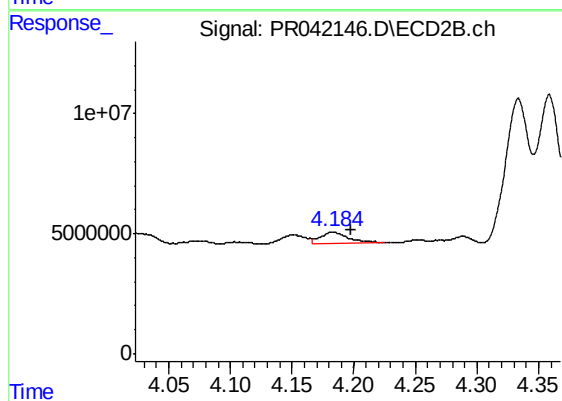
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: 0.019 min
Response: 7380420
Conc: 23.87 ng/ml



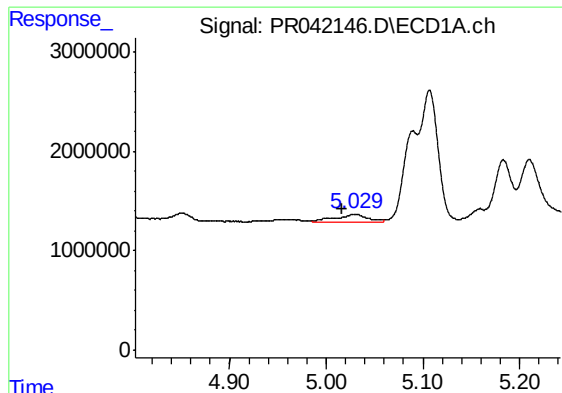
#8 AR-1221-1

R.T.: 4.960 min
Delta R.T.: 0.031 min
Response: 657436
Conc: 16.01 ng/ml



#8 AR-1221-1

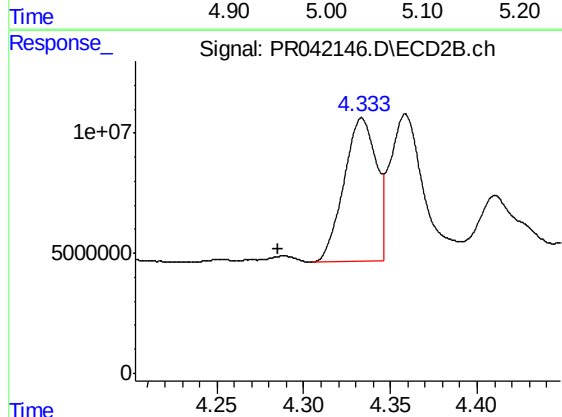
R.T.: 4.184 min
Delta R.T.: -0.014 min
Response: 6994111
Conc: 41.40 ng/ml



#9 AR-1221-2

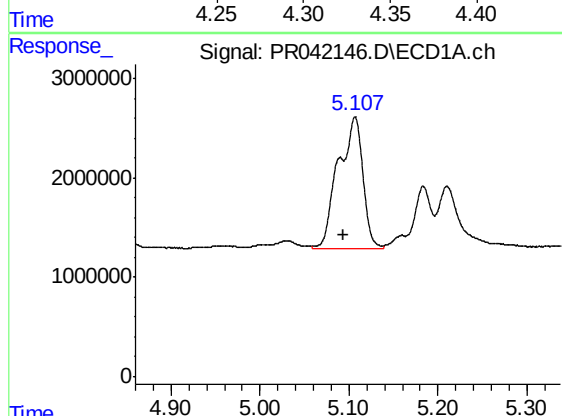
R.T.: 5.029 min
Delta R.T.: 0.013 min
Response: 1849154
Conc: 63.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



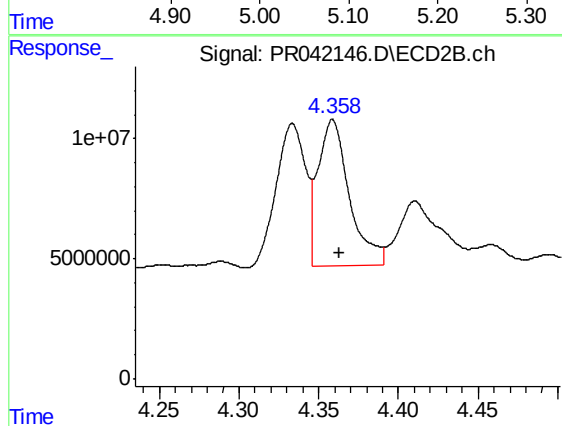
#9 AR-1221-2

R.T.: 4.333 min
Delta R.T.: 0.048 min
Response: 77367686
Conc: 629.53 ng/ml



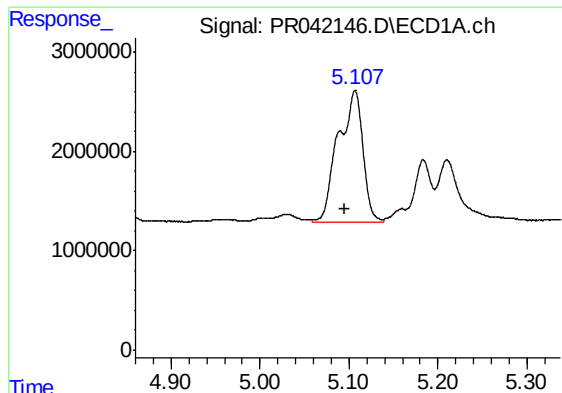
#10 AR-1221-3

R.T.: 5.107 min
Delta R.T.: 0.013 min
Response: 25555380
Conc: 262.67 ng/ml



#10 AR-1221-3

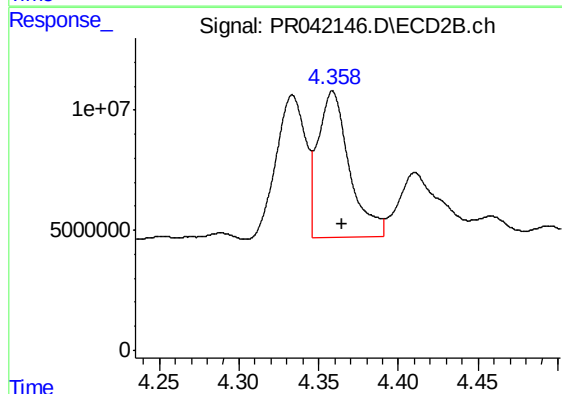
R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 83731965
Conc: 214.97 ng/ml



#11 AR-1232-1

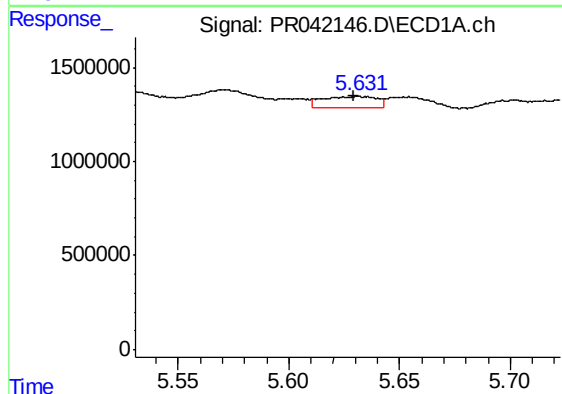
R.T.: 5.107 min
Delta R.T.: 0.012 min
Response: 25555380
Conc: 305.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



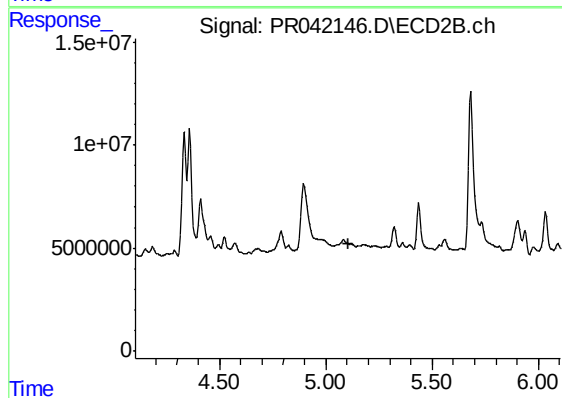
#11 AR-1232-1

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 83731965
Conc: 245.74 ng/ml



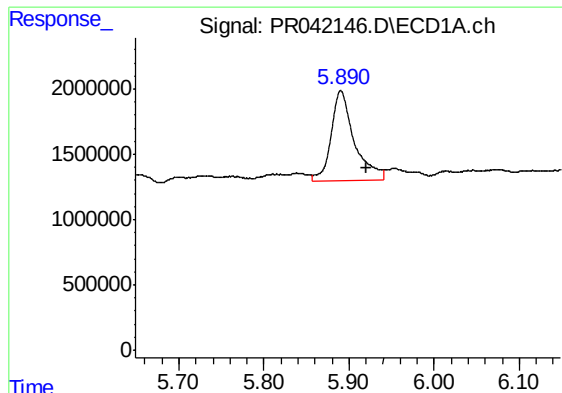
#12 AR-1232-2

R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 1060983
Conc: 24.63 ng/ml



#12 AR-1232-2

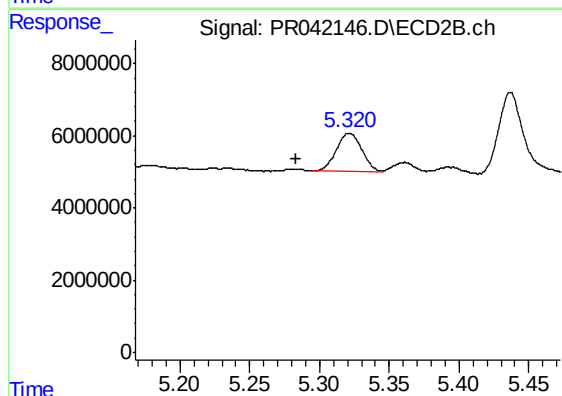
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#13 AR-1232-3

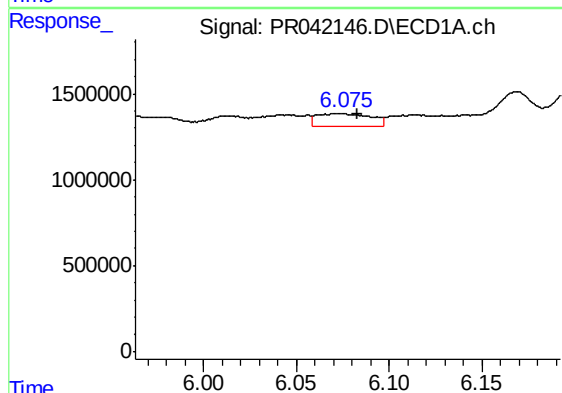
R.T.: 5.890 min
Delta R.T.: -0.030 min
Response: 13133515
Conc: 146.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



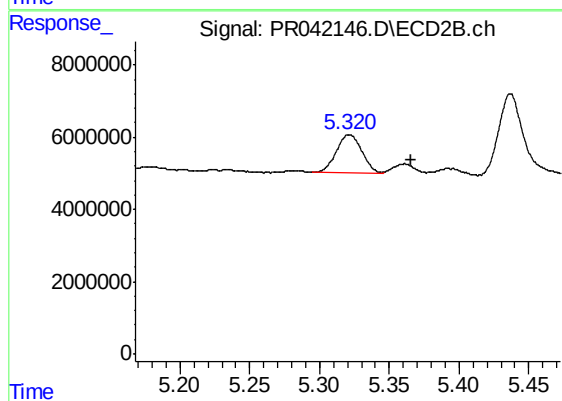
#13 AR-1232-3

R.T.: 5.321 min
Delta R.T.: 0.038 min
Response: 13614400
Conc: 80.84 ng/ml



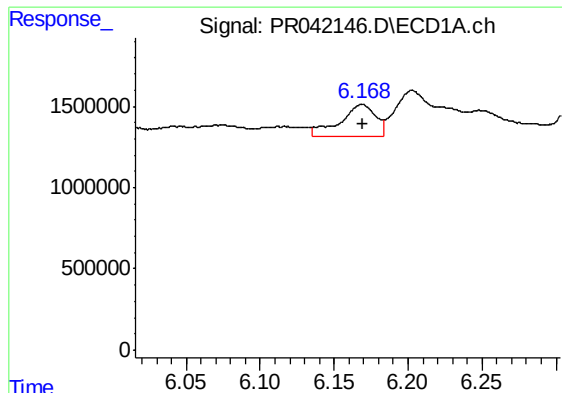
#14 AR-1232-4

R.T.: 6.075 min
Delta R.T.: -0.008 min
Response: 1548820
Conc: 34.80 ng/ml



#14 AR-1232-4

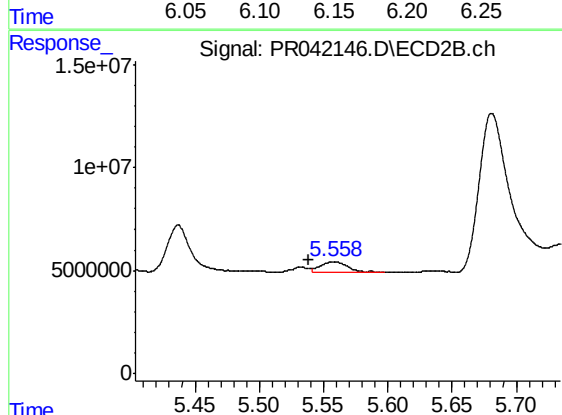
R.T.: 5.321 min
Delta R.T.: -0.045 min
Response: 13614400
Conc: 95.58 ng/ml



#15 AR-1232-5

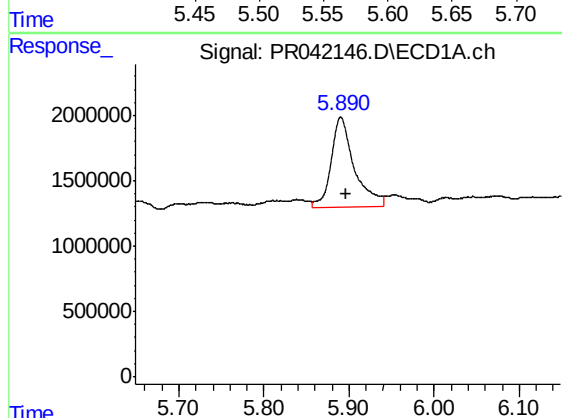
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 3346662
Conc: 101.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



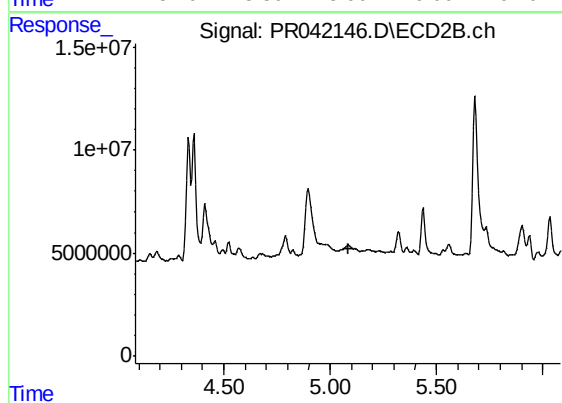
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.019 min
Response: 7380420
Conc: 54.77 ng/ml



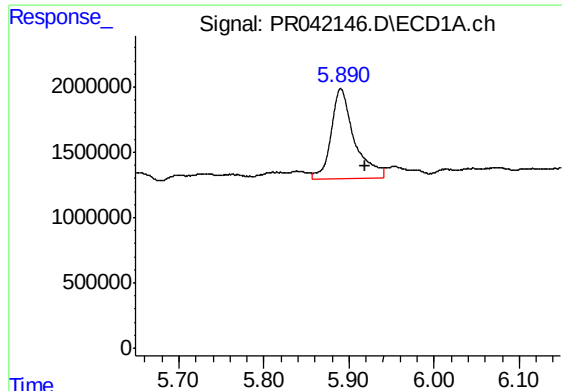
#16 AR-1242-1

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 13133515
Conc: 119.10 ng/ml



#16 AR-1242-1

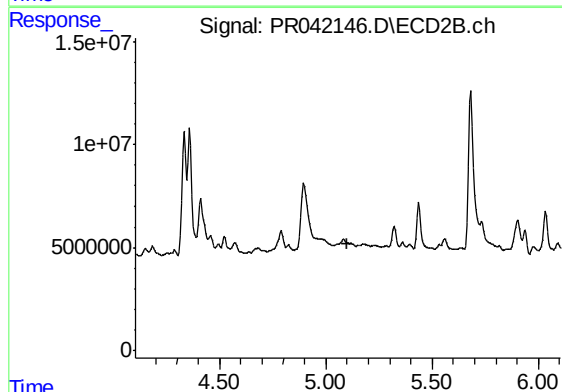
R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



#17 AR-1242-2

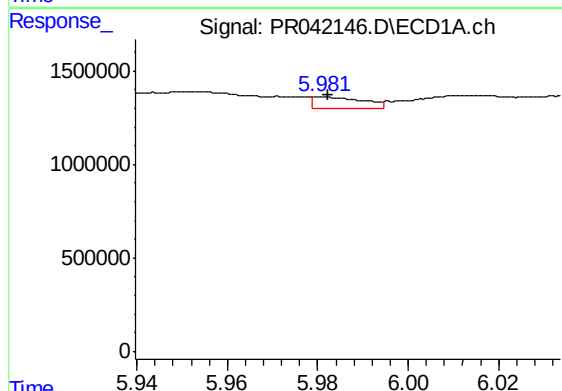
R.T.: 5.890 min
Delta R.T.: -0.029 min
Response: 13133515
Conc: 84.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



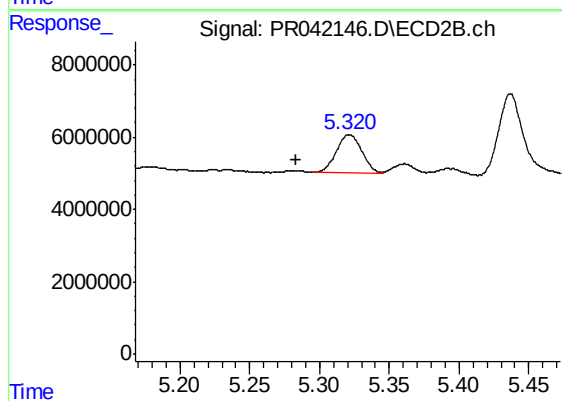
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



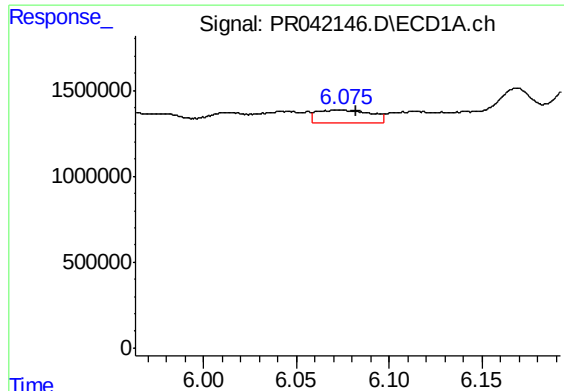
#18 AR-1242-3

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 451787
Conc: 4.82 ng/ml



#18 AR-1242-3

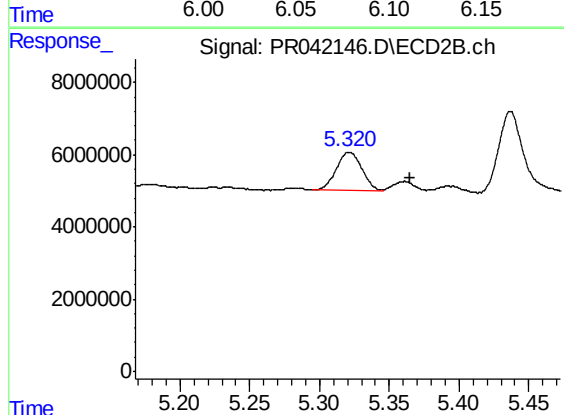
R.T.: 5.321 min
Delta R.T.: 0.038 min
Response: 13614400
Conc: 47.17 ng/ml



#19 AR-1242-4

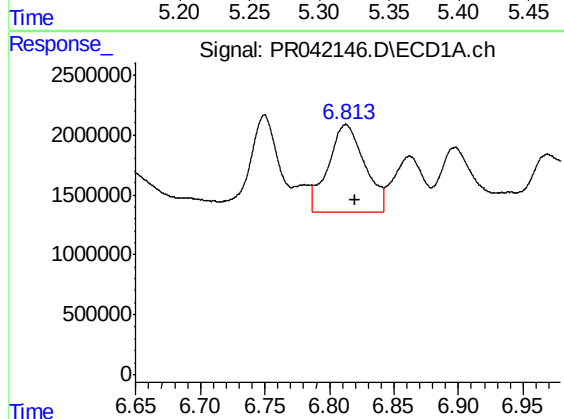
R.T.: 6.075 min
Delta R.T.: -0.008 min
Response: 1548820
Conc: 19.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



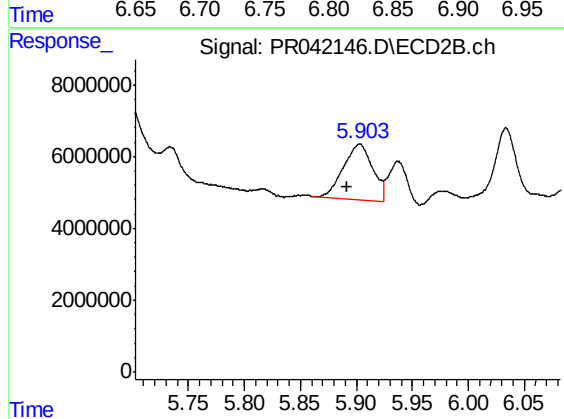
#19 AR-1242-4

R.T.: 5.321 min
Delta R.T.: -0.044 min
Response: 13614400
Conc: 52.30 ng/ml



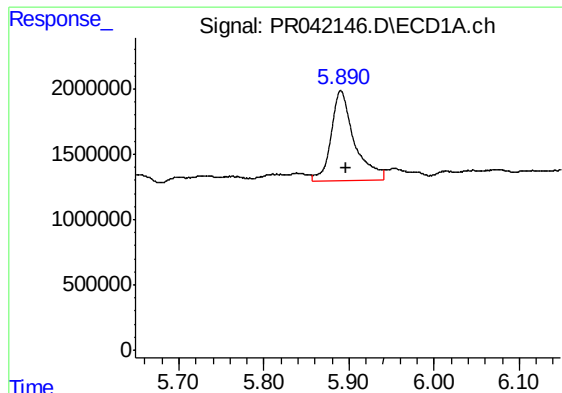
#20 AR-1242-5

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 14371294
Conc: 164.19 ng/ml



#20 AR-1242-5

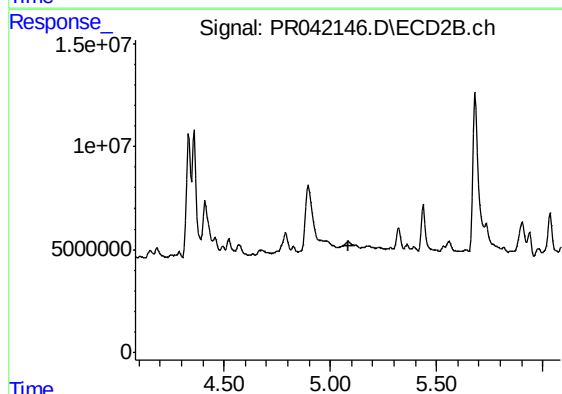
R.T.: 5.903 min
Delta R.T.: 0.011 min
Response: 28380487
Conc: 106.98 ng/ml



#21 AR-1248-1

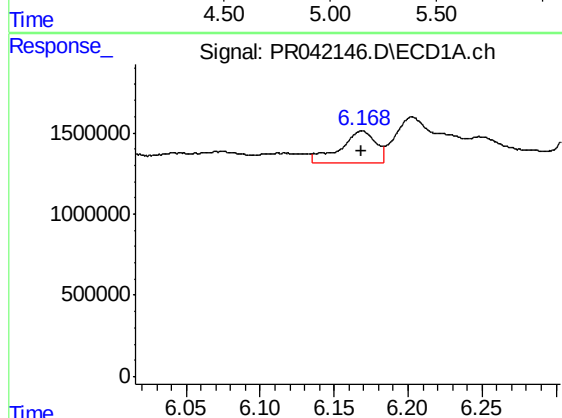
R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 13133515
Conc: 157.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



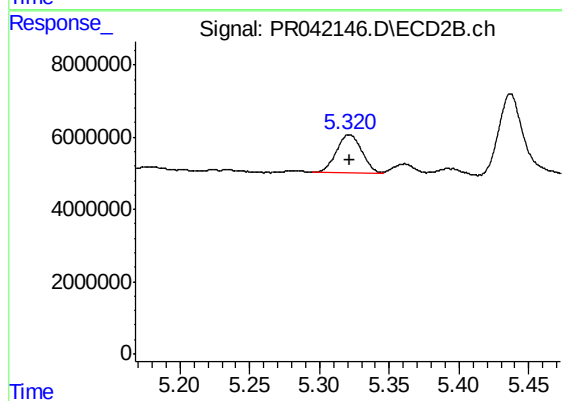
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



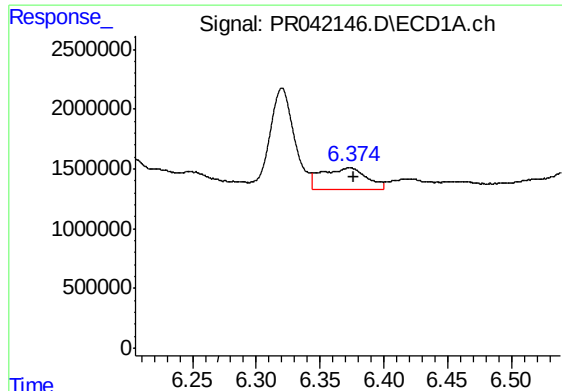
#22 AR-1248-2

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 3346662
Conc: 29.16 ng/ml



#22 AR-1248-2

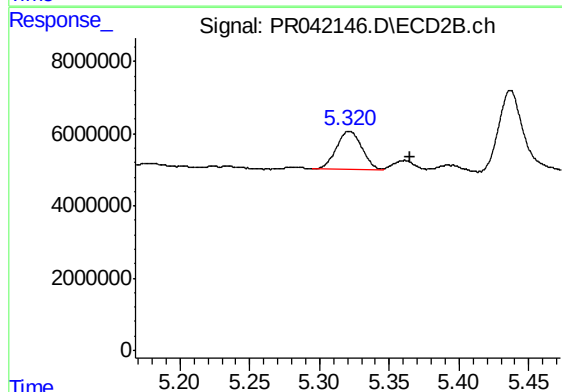
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 13614400
Conc: 36.55 ng/ml



#23 AR-1248-3

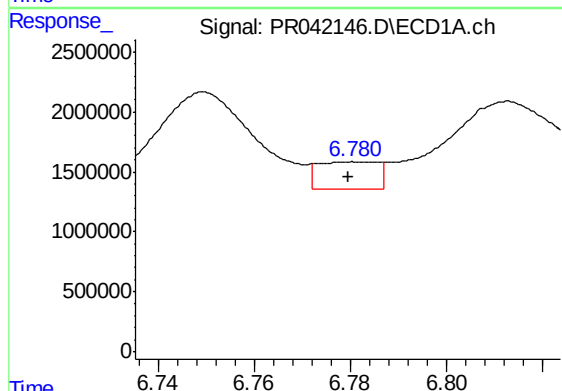
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 4469730
Conc: 34.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



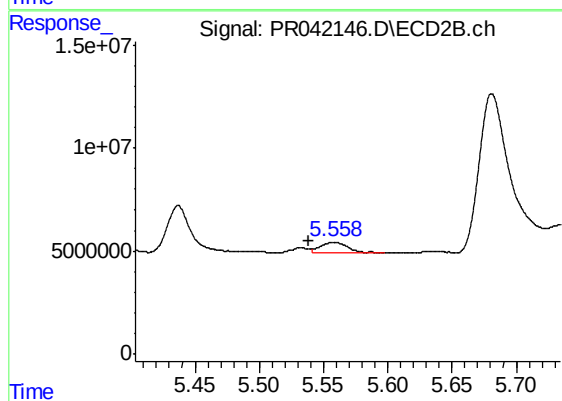
#23 AR-1248-3

R.T.: 5.321 min
Delta R.T.: -0.044 min
Response: 13614400
Conc: 36.37 ng/ml



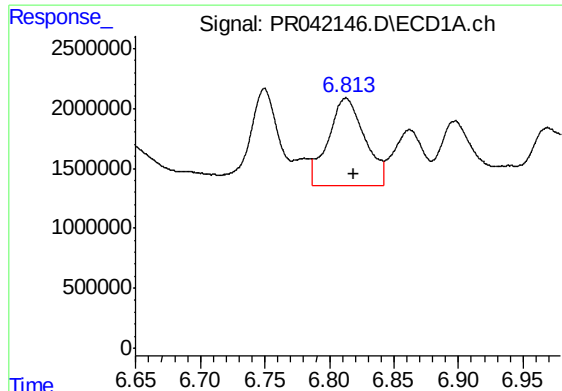
#24 AR-1248-4

R.T.: 6.782 min
Delta R.T.: 0.002 min
Response: 2003167
Conc: 13.05 ng/ml



#24 AR-1248-4

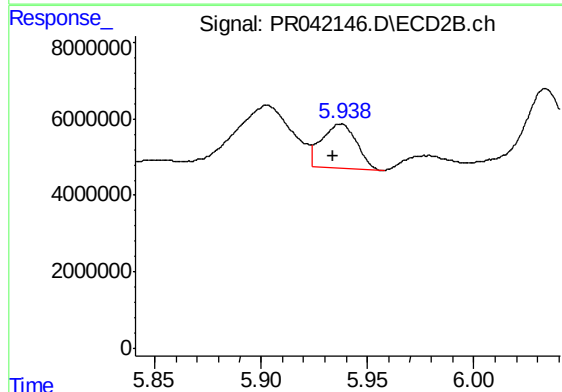
R.T.: 5.558 min
Delta R.T.: 0.020 min
Response: 7380420
Conc: 18.53 ng/ml



#25 AR-1248-5

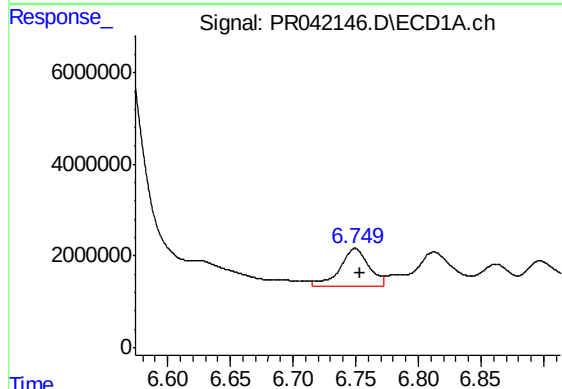
R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 14371294
Conc: 99.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



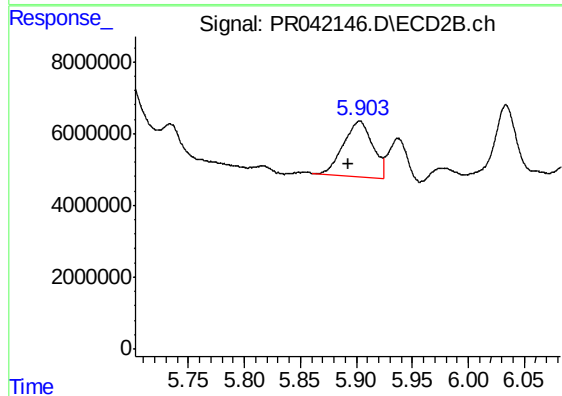
#25 AR-1248-5

R.T.: 5.938 min
Delta R.T.: 0.004 min
Response: 13305294
Conc: 38.10 ng/ml



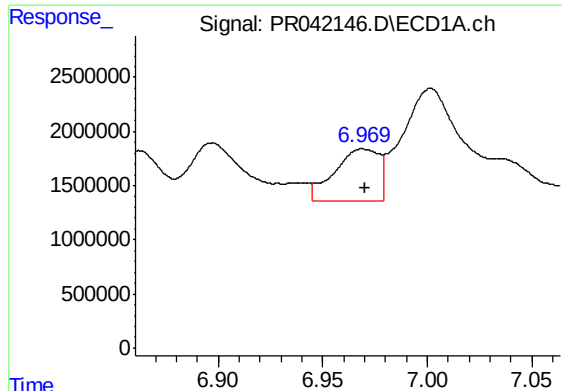
#26 AR-1254-1

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 12935867
Conc: 79.21 ng/ml



#26 AR-1254-1

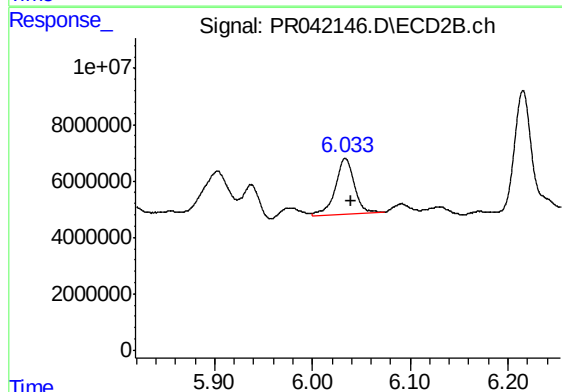
R.T.: 5.903 min
Delta R.T.: 0.010 min
Response: 28380487
Conc: 53.57 ng/ml



#27 AR-1254-2

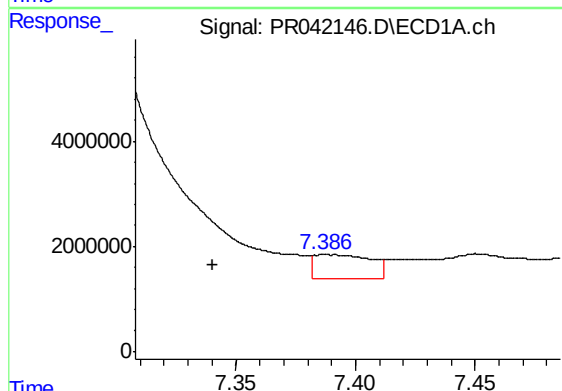
R.T.: 6.969 min
Delta R.T.: -0.001 min
Response: 6986049
Conc: 28.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



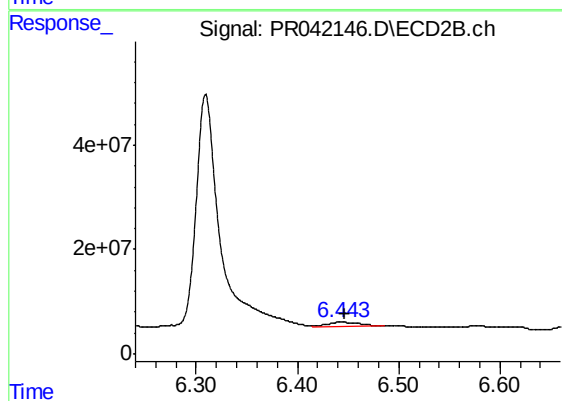
#27 AR-1254-2

R.T.: 6.034 min
Delta R.T.: -0.006 min
Response: 27628933
Conc: 55.11 ng/ml



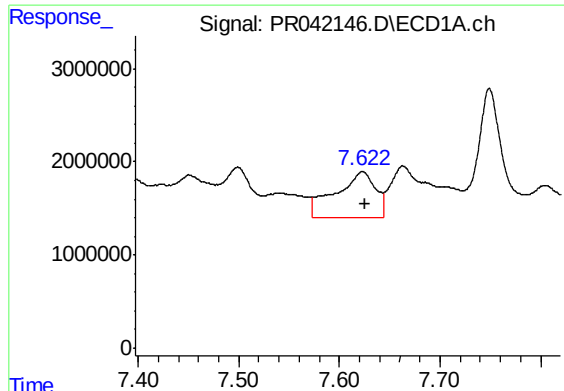
#28 AR-1254-3

R.T.: 7.387 min
Delta R.T.: 0.047 min
Response: 7404144
Conc: 27.44 ng/ml



#28 AR-1254-3

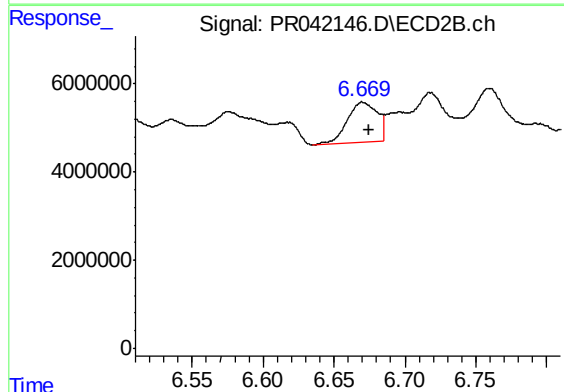
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 18436285
Conc: 19.54 ng/ml



#29 AR-1254-4

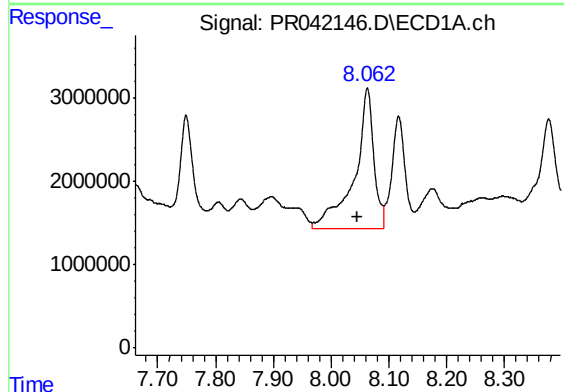
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 13511618
Conc: 66.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



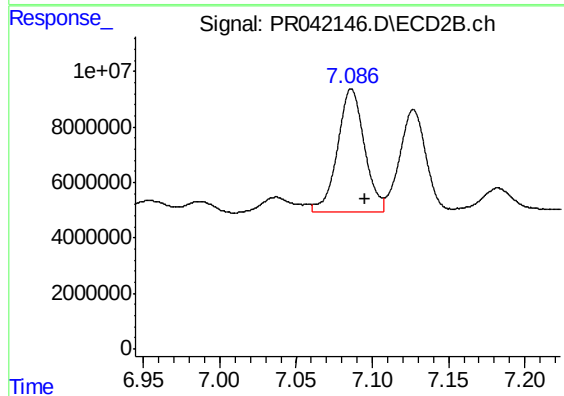
#29 AR-1254-4

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 13200954
Conc: 19.94 ng/ml



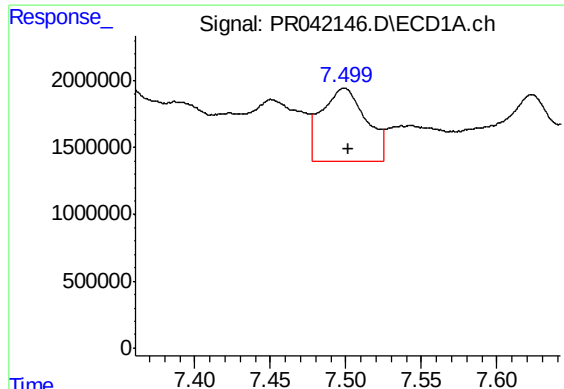
#30 AR-1254-5

R.T.: 8.063 min
Delta R.T.: 0.018 min
Response: 39505596
Conc: 185.77 ng/ml



#30 AR-1254-5

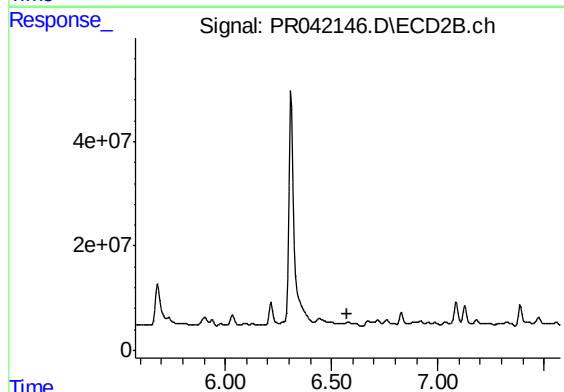
R.T.: 7.086 min
Delta R.T.: -0.009 min
Response: 54534455
Conc: 63.51 ng/ml



#31 AR-1260-1

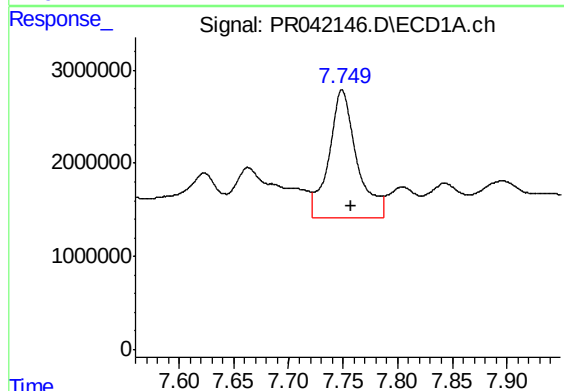
R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 11219091
Conc: 59.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



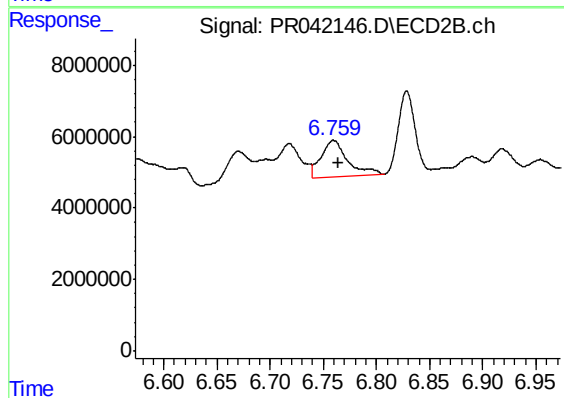
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.577 min
Response: 0
Conc: N.D.



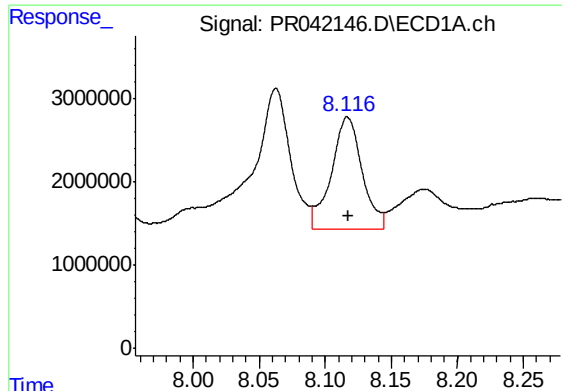
#32 AR-1260-2

R.T.: 7.749 min
Delta R.T.: -0.008 min
Response: 24413939
Conc: 103.29 ng/ml



#32 AR-1260-2

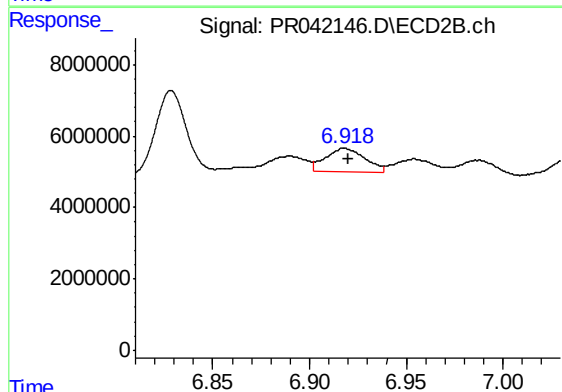
R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 18116421
Conc: 22.22 ng/ml



#33 AR-1260-3

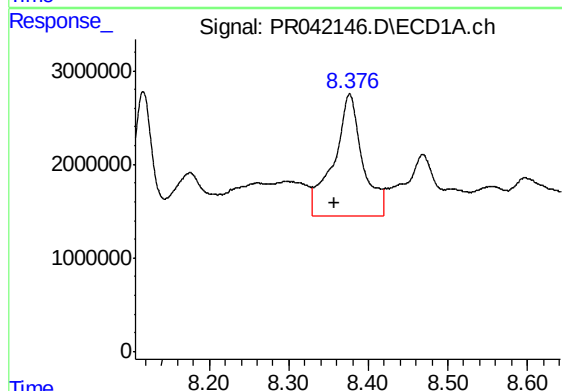
R.T.: 8.117 min
Delta R.T.: -0.001 min
Response: 21715225
Conc: 115.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



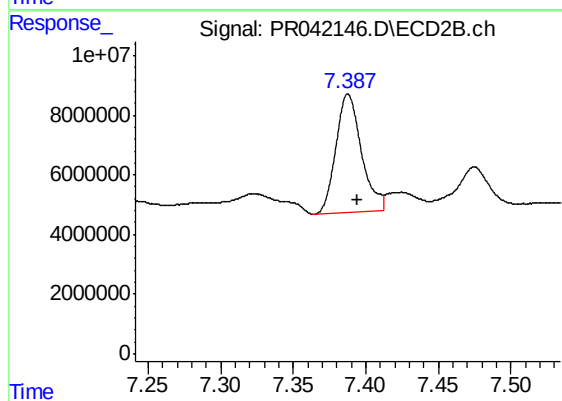
#33 AR-1260-3

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 9324379
Conc: 13.49 ng/ml



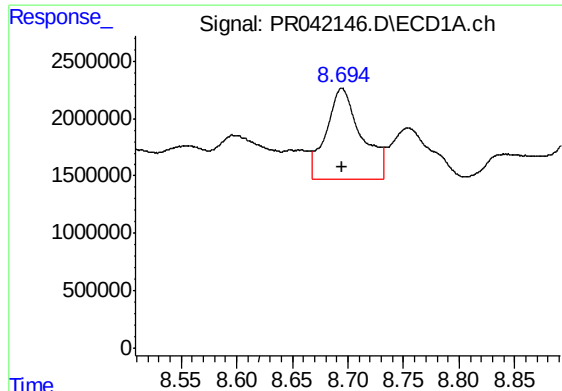
#34 AR-1260-4

R.T.: 8.376 min
Delta R.T.: 0.019 min
Response: 32667535
Conc: 162.55 ng/ml



#34 AR-1260-4

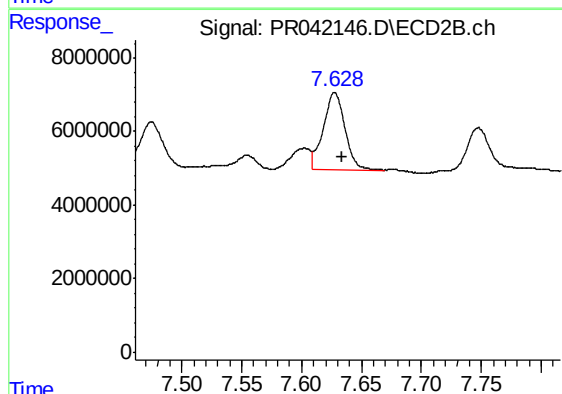
R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 48771004
Conc: 84.05 ng/ml



#35 AR-1260-5

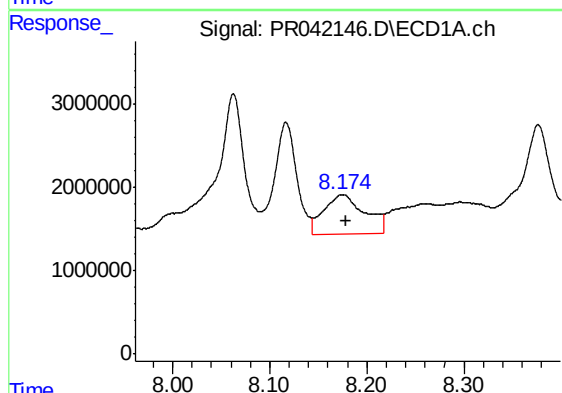
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 17344230
Conc: 40.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



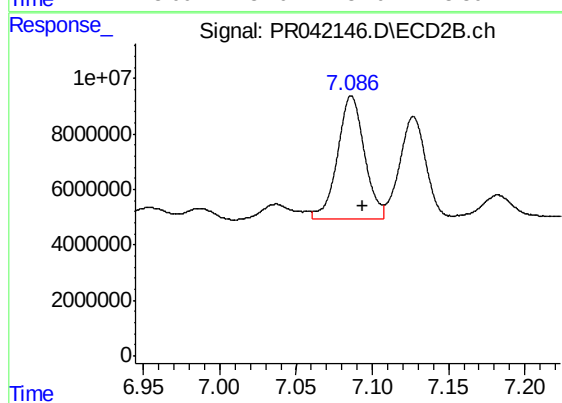
#35 AR-1260-5

R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 26473150
Conc: 16.28 ng/ml



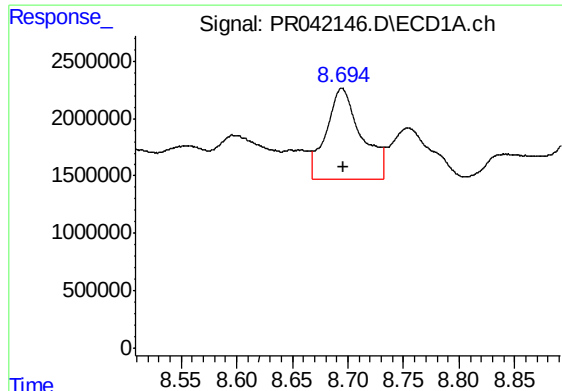
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 13860432
Conc: 147.25 ng/ml



#36 AR-1262-1

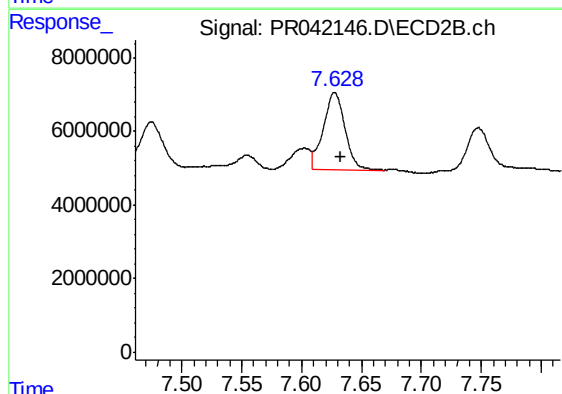
R.T.: 7.086 min
Delta R.T.: -0.007 min
Response: 54534455
Conc: 125.14 ng/ml



#37 AR-1262-2

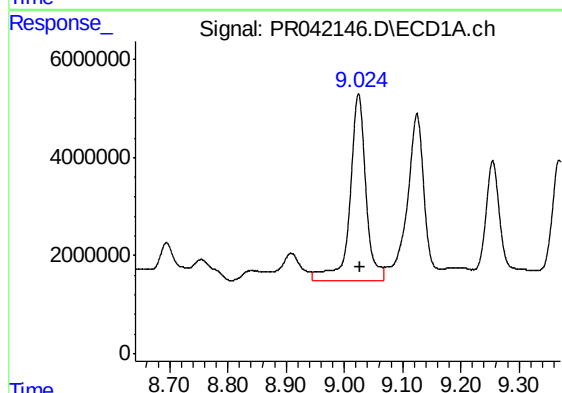
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 17344230
Conc: 40.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



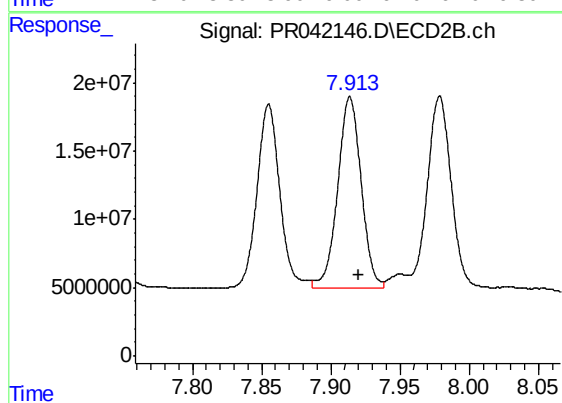
#37 AR-1262-2

R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 26473150
Conc: 15.38 ng/ml



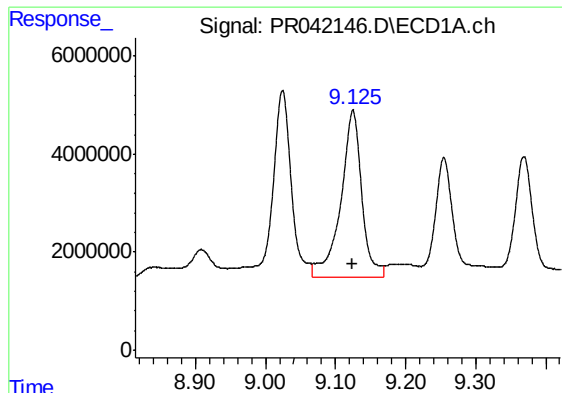
#38 AR-1262-3

R.T.: 9.024 min
Delta R.T.: -0.004 min
Response: 72735305
Conc: 260.94 ng/ml



#38 AR-1262-3

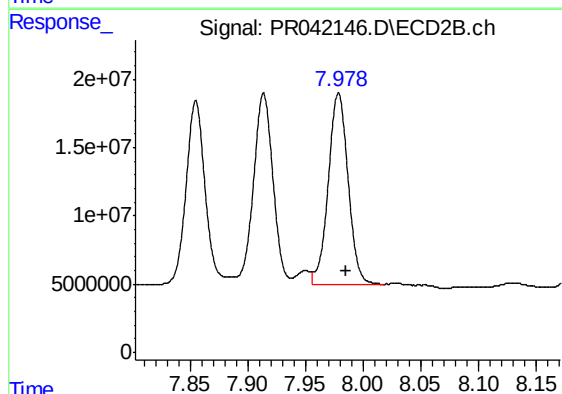
R.T.: 7.914 min
Delta R.T.: -0.006 min
Response: 165672532
Conc: 253.82 ng/ml



#39 AR-1262-4

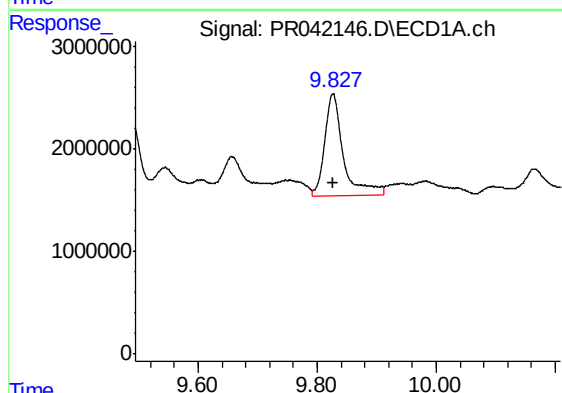
R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 70627072
Conc: 344.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



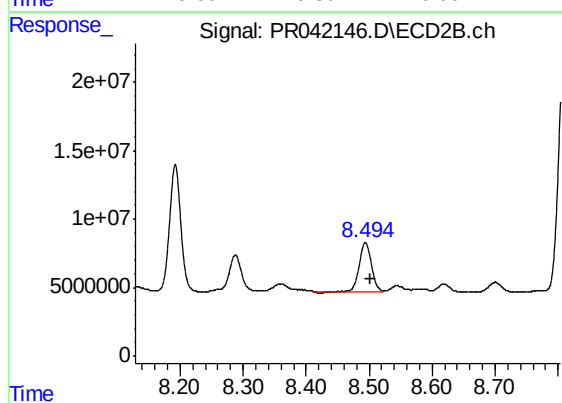
#39 AR-1262-4

R.T.: 7.979 min
Delta R.T.: -0.006 min
Response: 167627187
Conc: 143.45 ng/ml



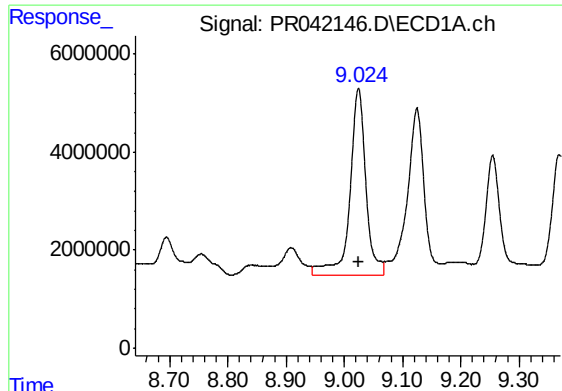
#40 AR-1262-5

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 21653149
Conc: 150.11 ng/ml



#40 AR-1262-5

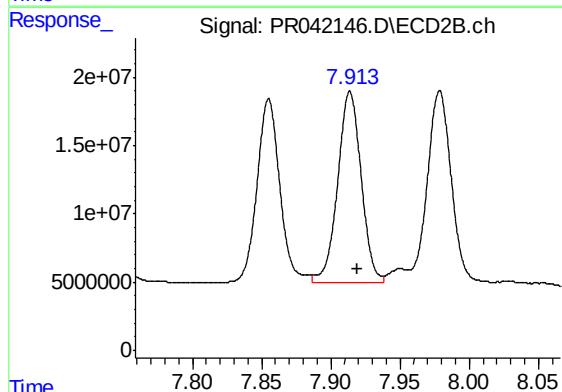
R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 46952468
Conc: 87.78 ng/ml



#41 AR-1268-1

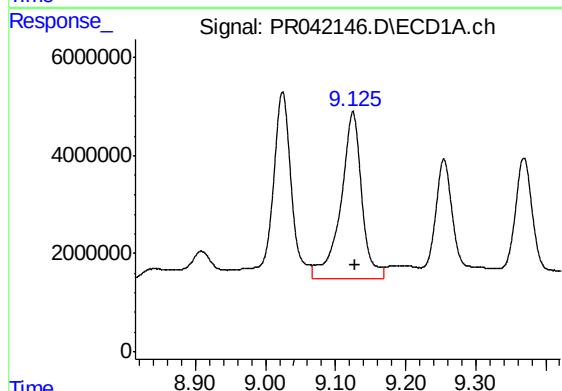
R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 72735305
Conc: 132.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



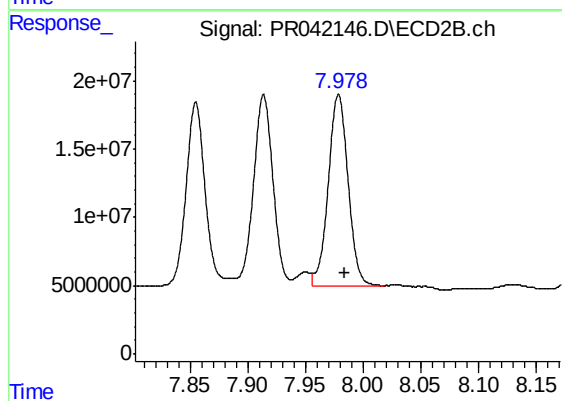
#41 AR-1268-1

R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 165672532
Conc: 75.56 ng/ml



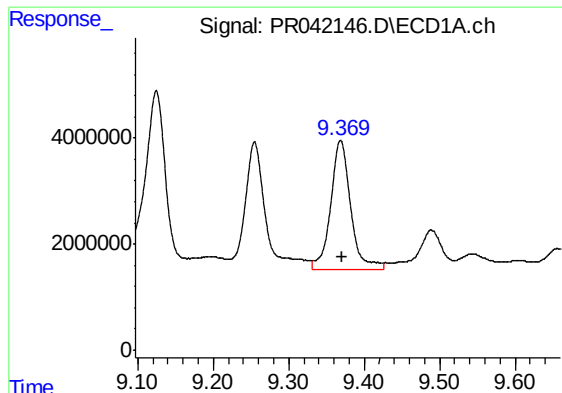
#42 AR-1268-2

R.T.: 9.125 min
Delta R.T.: -0.002 min
Response: 70627072
Conc: 142.06 ng/ml



#42 AR-1268-2

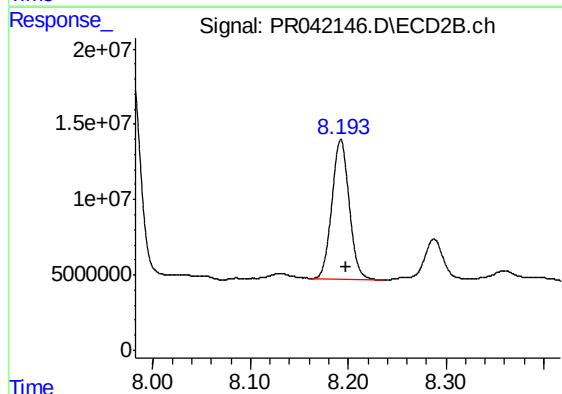
R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 167627187
Conc: 84.24 ng/ml



#43 AR-1268-3

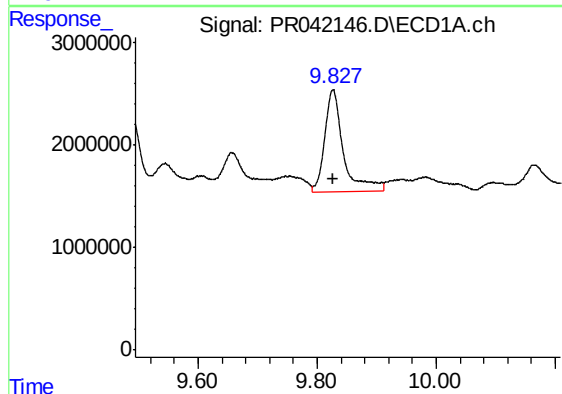
R.T.: 9.369 min
Delta R.T.: -0.002 min
Response: 45243550
Conc: 110.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



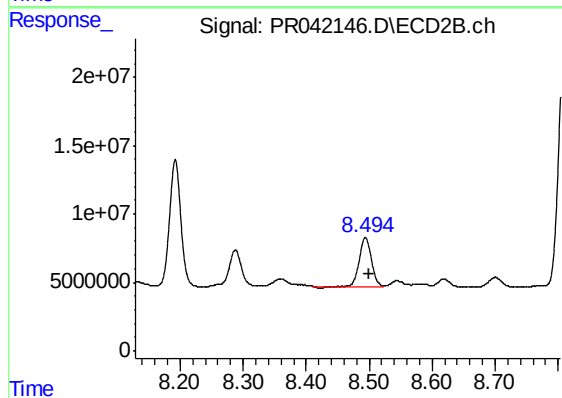
#43 AR-1268-3

R.T.: 8.192 min
Delta R.T.: -0.006 min
Response: 115312808
Conc: 68.81 ng/ml



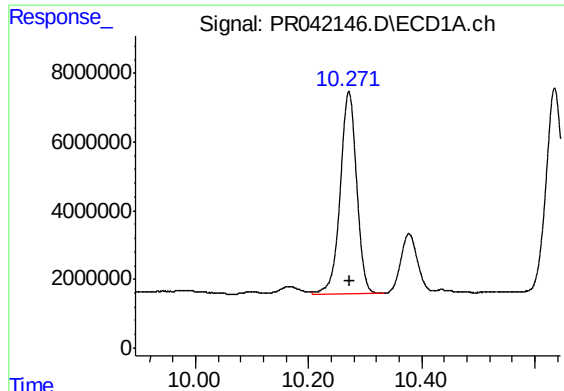
#44 AR-1268-4

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 21653149
Conc: 123.42 ng/ml



#44 AR-1268-4

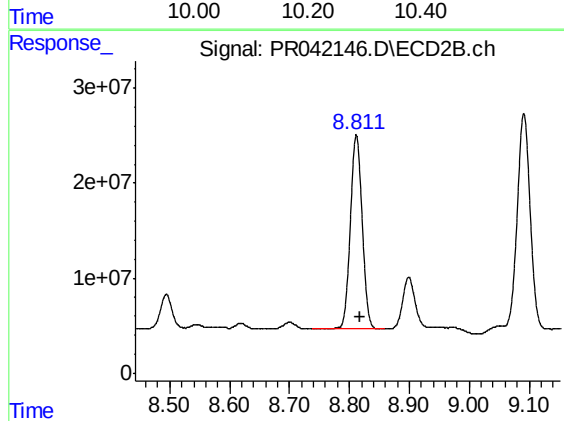
R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 46952468
Conc: 72.75 ng/ml



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: 0.000 min
Response: 118339185
Conc: 90.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLM79



#45 AR-1268-5

R.T.: 8.812 min
Delta R.T.: -0.007 min
Response: 278883086
Conc: 60.77 ng/ml