

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR020819\
 Data File : PR035408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2019 17:20
 Operator : SM\SJ
 Sample : PB116913BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:40:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR020119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 02 01:45:00 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...	4.427	3.501	23959737	50826560	15.451	16.570
2)	SA Decachlor...	10.106	8.386	79552103	198.7E6	36.024	34.743
Target Compounds							
3)	L1 AR-1016-1	5.591	4.558	6684755	13705549	68.567	62.186
4)	L1 AR-1016-2	5.613	4.575	9872422	21169246	67.712	61.070
5)	L1 AR-1016-3	5.674	4.747	6142848	10423488	68.498	59.247
6)	L1 AR-1016-4	5.773	4.788	4816266	8850821	64.094	65.269
7)	L1 AR-1016-5	6.064	4.996	4933208	12546843	65.549	64.445
9)	L2 AR-1221-2	4.726	0.000	1327114	0	103.732	N.D. #
10)	L2 AR-1221-3	4.798	3.867	2997084	5997488	64.988	55.927
11)	L3 AR-1232-1	4.798	3.867	2997084	5997488	89.701	75.446
12)	L3 AR-1232-2	5.324	4.575	4342346	21169246	235.879	218.336
13)	L3 AR-1232-3	5.613	4.747	9872422	10423488	242.452	209.353
14)	L3 AR-1232-4	5.773	4.829	4816266	10894624	236.792	245.066
15)	L3 AR-1232-5	5.860	4.996	4217631	12546843	272.803	245.201
16)	L4 AR-1242-1	5.591	4.558	6684755	13705549	122.113	109.782
17)	L4 AR-1242-2	5.613	4.575	9872422	21169246	120.758	107.664
18)	L4 AR-1242-3	5.674	4.747	6142848	10423488	121.481	101.459
19)	L4 AR-1242-4	5.773	4.829	4816266	10894624	115.680	108.060
20)	L4 AR-1242-5	6.505	5.340	1206560	9802612	23.849	67.726 #
21)	L5 AR-1248-1	5.591	4.558	6684755	13705549	172.206	149.397
22)	L5 AR-1248-2	5.860	4.788	4217631	8850821	74.453	68.928
23)	L5 AR-1248-3	6.064	4.829	4933208	10894624	77.025	82.167
24)	L5 AR-1248-4	6.439	4.996	6040040	12546843	76.804	75.071
25)	L5 AR-1248-5	6.505	5.340f	1206560	9802612	16.229	55.444 #
26)	L6 AR-1254-1	6.439	5.340	6040040	9802612	54.403	25.358 #
27)	L6 AR-1254-2	6.654	5.485	5205664	9909746	29.307	29.156
28)	L6 AR-1254-3	7.022	5.895	2960787	18964361	15.518	32.383 #
29)	L6 AR-1254-4	7.305	6.105	2327036	2483088	14.450	6.327 #
30)	L6 AR-1254-5	7.721	6.516	17828781	41128699	108.064	74.392 #
31)	L7 AR-1260-1	7.183	6.008	11779169	27580353	68.486	61.015
32)	L7 AR-1260-2	7.438	6.194	15556829	37371921	64.253	61.590
33)	L7 AR-1260-3	7.721	6.344	17828781	32136283	66.946	59.291
34)	L7 AR-1260-4	8.021	6.809	11878157	25081071	62.986	54.745
35)	L7 AR-1260-5	8.338	7.049	25678501	67165304	55.836	53.207
36)	L8 AR-1262-1	7.795	6.553	11810582	28769727	63.791	60.450
37)	L8 AR-1262-2	8.338	7.049	25678501	67165304	80.089	75.883
38)	L8 AR-1262-3	8.660	7.328	15357805	15193109	75.314	41.413 #
39)	L8 AR-1262-4	8.717	7.391	8663627	48085962	57.627	76.755 #
40)	L8 AR-1262-5	9.376	7.883	5634617	15378313	56.077	54.054
41)	L9 AR-1268-1	8.660	7.328	15357805	15193109	26.087	9.473 #
42)	L9 AR-1268-2	8.717	7.391	8663627	48085962	17.530	33.877 #

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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
43) L9	AR-1268-3	8.959	7.593	3021426	3141586	6.785	2.535 #
44) L9	AR-1268-4	9.376	7.883	5634617	15378313	34.967	33.734
45) L9	AR-1268-5	9.778	8.154	2095103	6040826	1.753	1.766

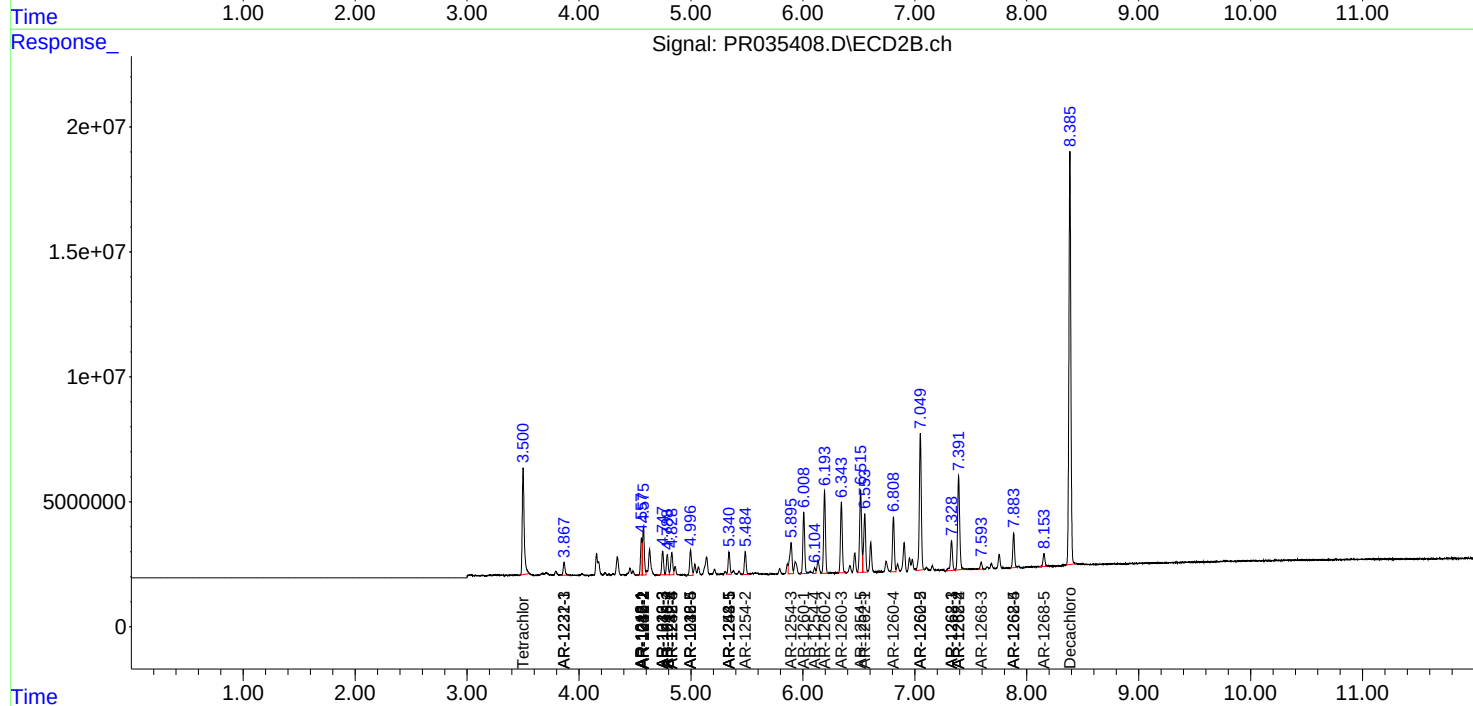
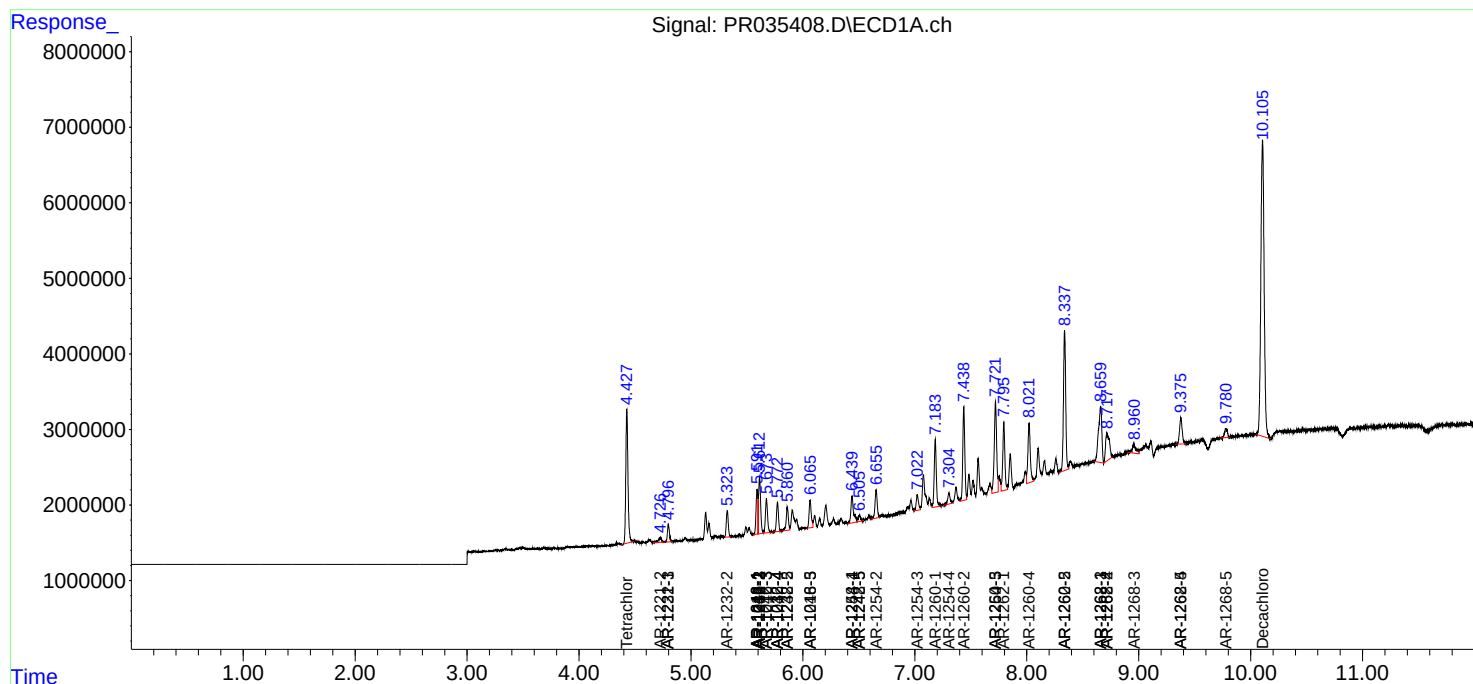
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

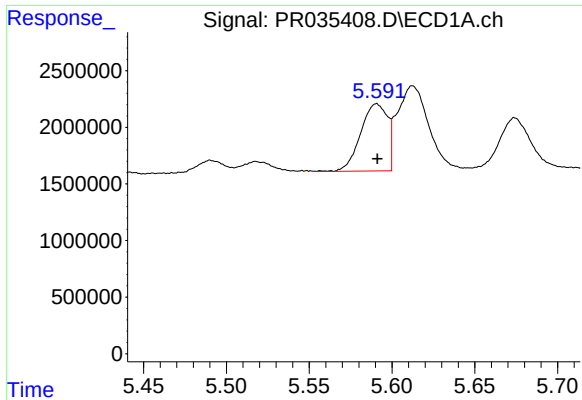
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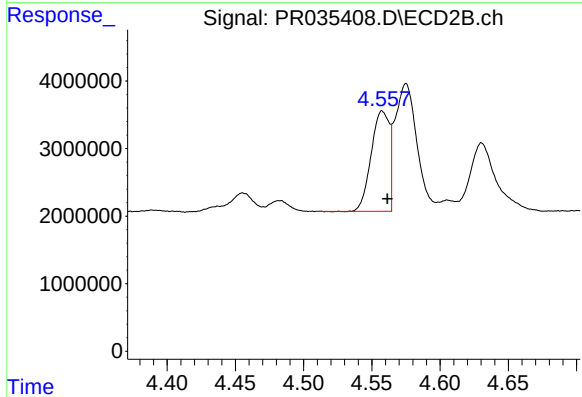




#3 AR-1016-1

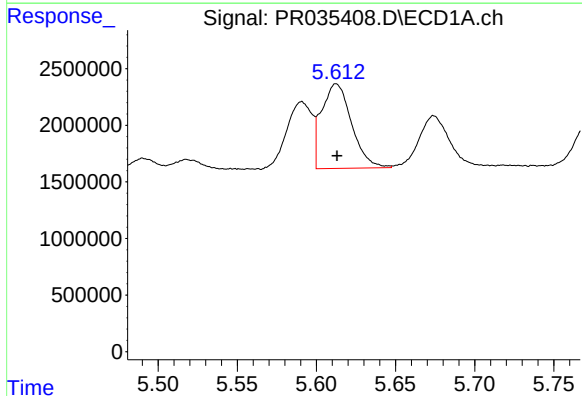
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 6684755
Conc: 68.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



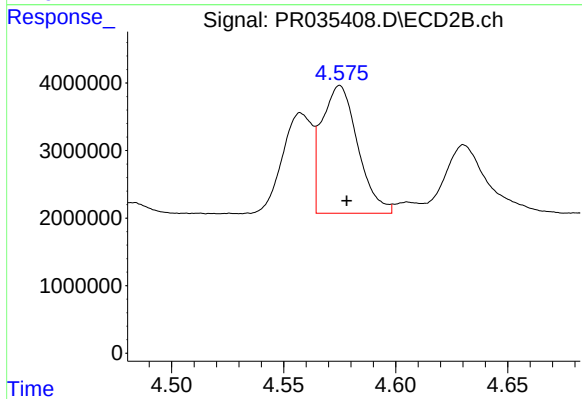
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 13705549
Conc: 62.19 ng/ml



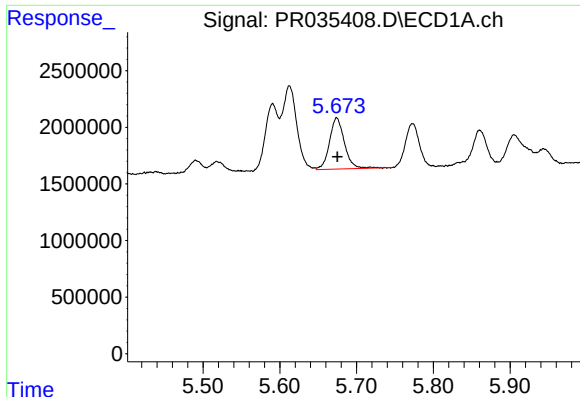
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 9872422
Conc: 67.71 ng/ml



#4 AR-1016-2

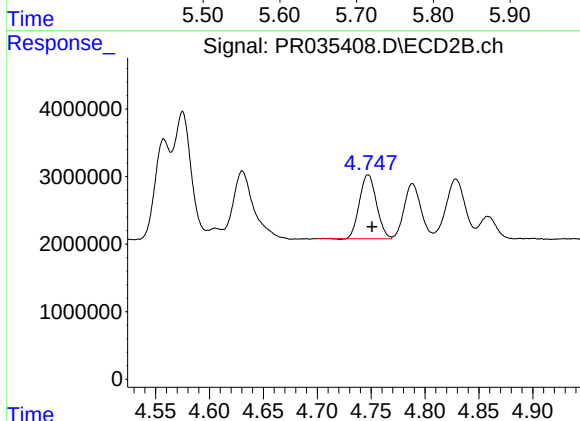
R.T.: 4.575 min
Delta R.T.: -0.003 min
Response: 21169246
Conc: 61.07 ng/ml



#5 AR-1016-3

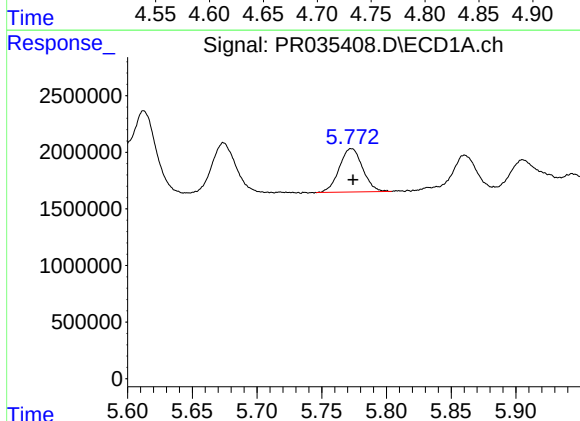
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 6142848
Conc: 68.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



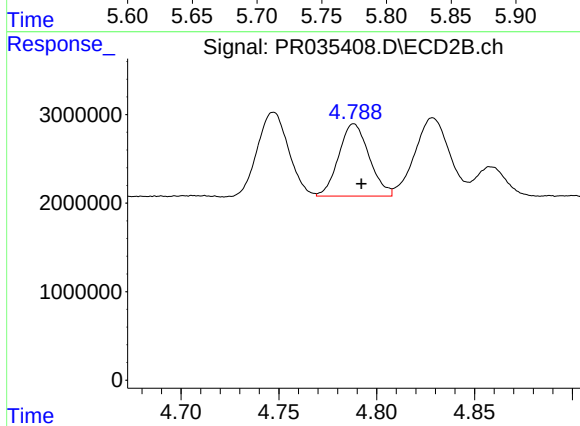
#5 AR-1016-3

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 10423488
Conc: 59.25 ng/ml



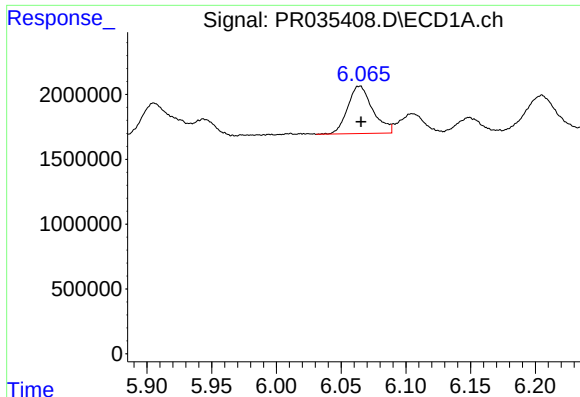
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 4816266
Conc: 64.09 ng/ml



#6 AR-1016-4

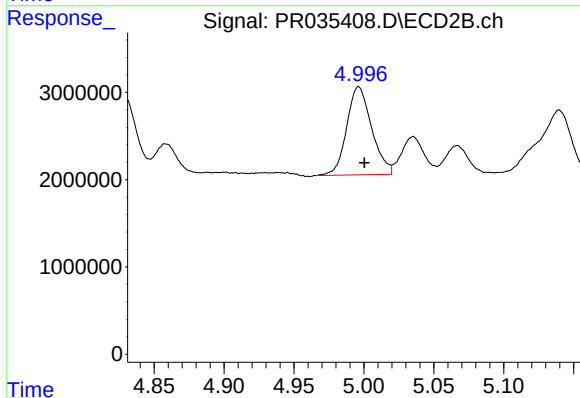
R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 8850821
Conc: 65.27 ng/ml



#7 AR-1016-5

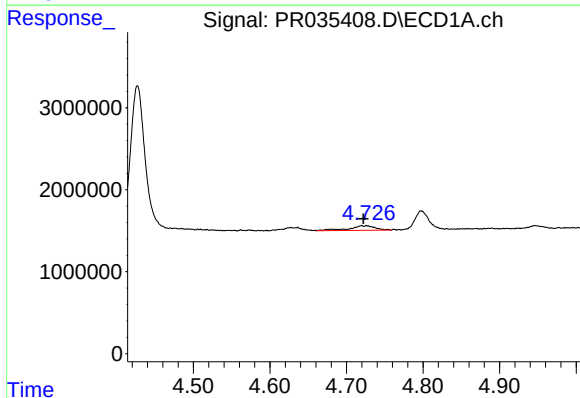
R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 4933208
Conc: 65.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



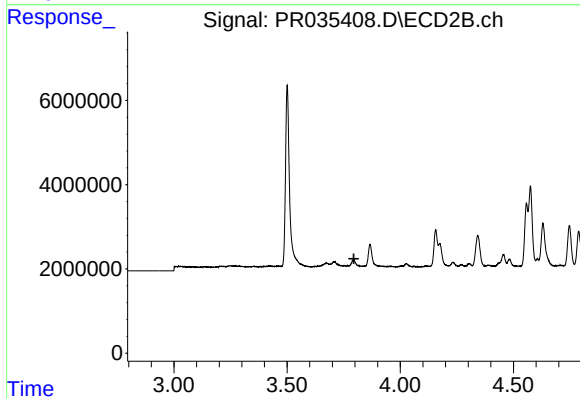
#7 AR-1016-5

R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12546843
Conc: 64.45 ng/ml



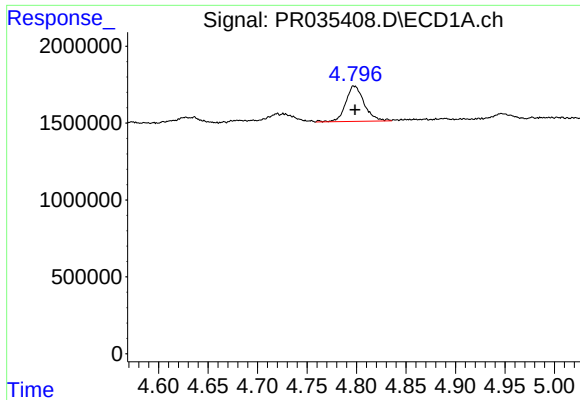
#9 AR-1221-2

R.T.: 4.726 min
Delta R.T.: 0.004 min
Response: 1327114
Conc: 103.73 ng/ml



#9 AR-1221-2

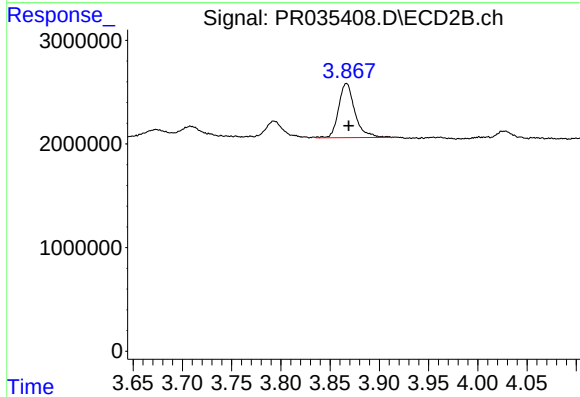
R.T.: 0.000 min
Exp R.T.: 3.795 min
Response: 0
Conc: N.D.



#10 AR-1221-3

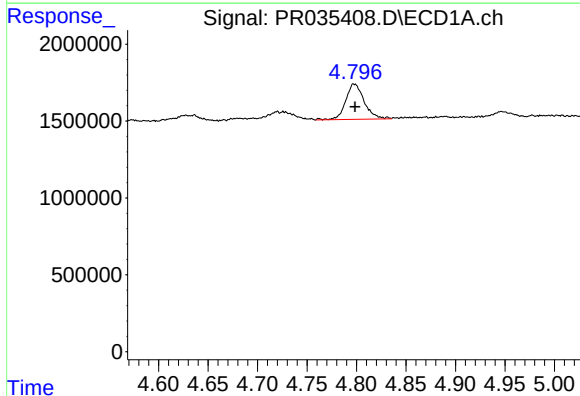
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2997084
Conc: 64.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



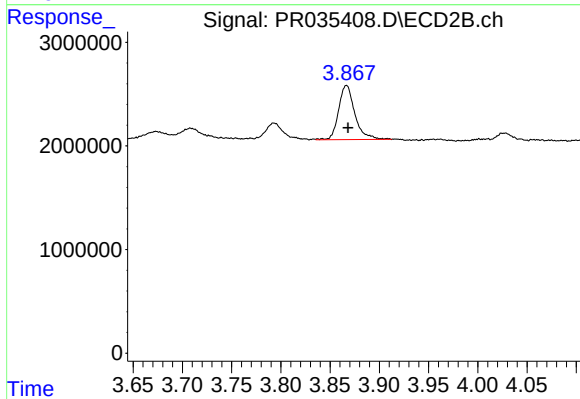
#10 AR-1221-3

R.T.: 3.867 min
Delta R.T.: -0.002 min
Response: 5997488
Conc: 55.93 ng/ml



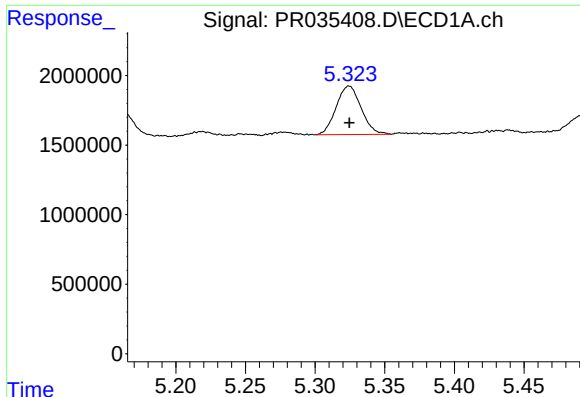
#11 AR-1232-1

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2997084
Conc: 89.70 ng/ml



#11 AR-1232-1

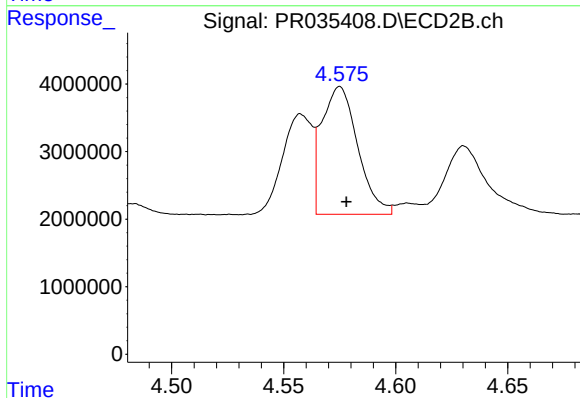
R.T.: 3.867 min
Delta R.T.: -0.002 min
Response: 5997488
Conc: 75.45 ng/ml



#12 AR-1232-2

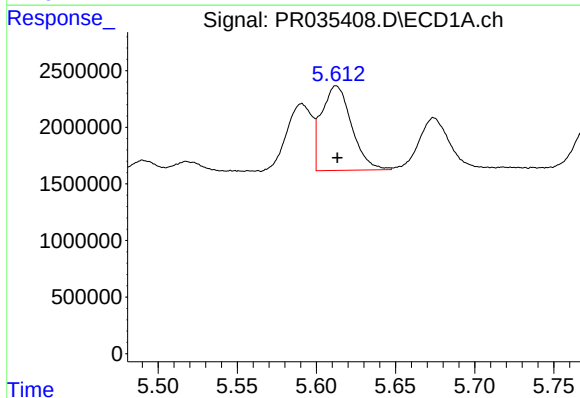
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 4342346
Conc: 235.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



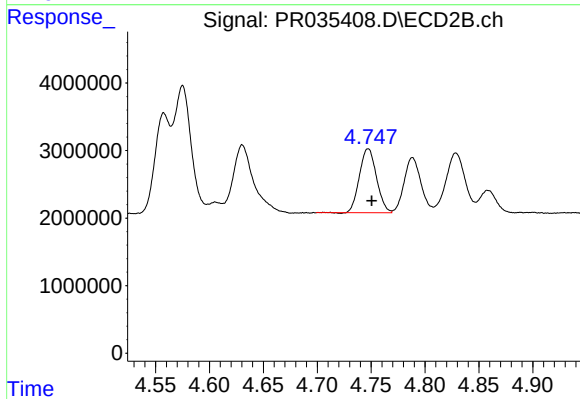
#12 AR-1232-2

R.T.: 4.575 min
Delta R.T.: -0.003 min
Response: 21169246
Conc: 218.34 ng/ml



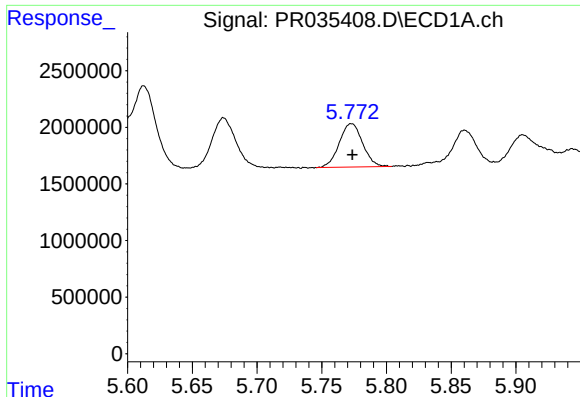
#13 AR-1232-3

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 9872422
Conc: 242.45 ng/ml



#13 AR-1232-3

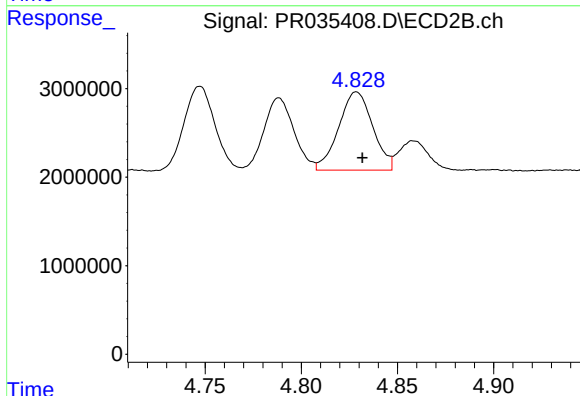
R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 10423488
Conc: 209.35 ng/ml



#14 AR-1232-4

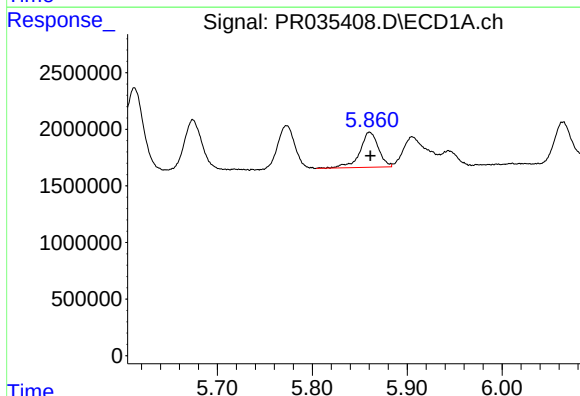
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 4816266
Conc: 236.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



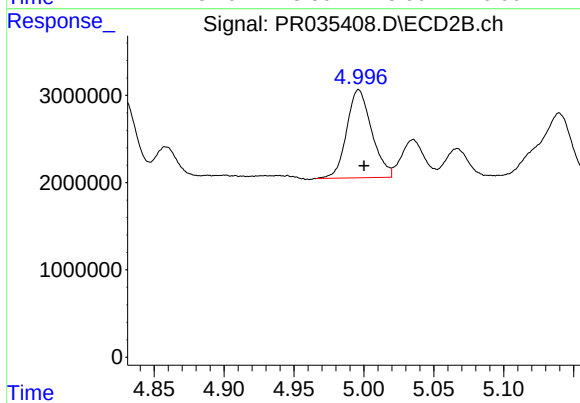
#14 AR-1232-4

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 10894624
Conc: 245.07 ng/ml



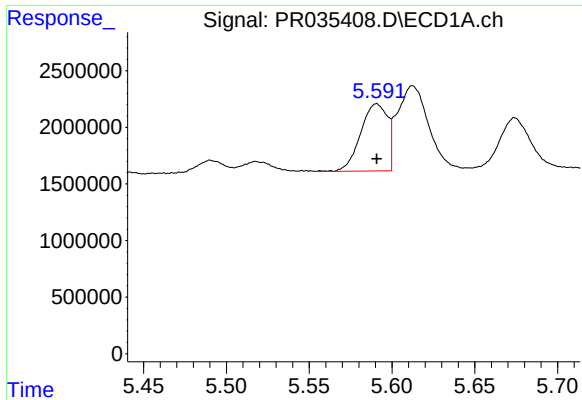
#15 AR-1232-5

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 4217631
Conc: 272.80 ng/ml



#15 AR-1232-5

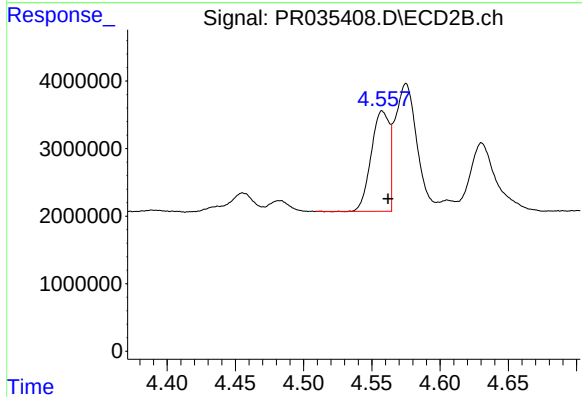
R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12546843
Conc: 245.20 ng/ml



#16 AR-1242-1

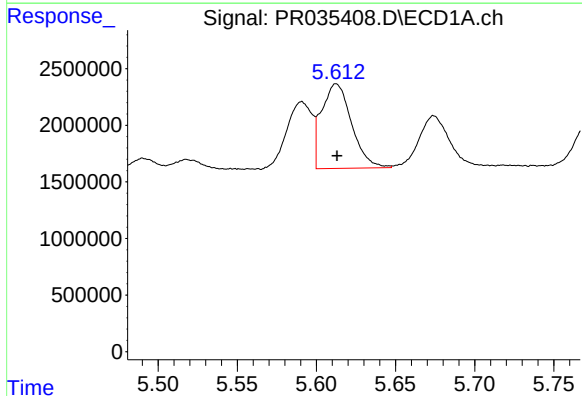
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 6684755
Conc: 122.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
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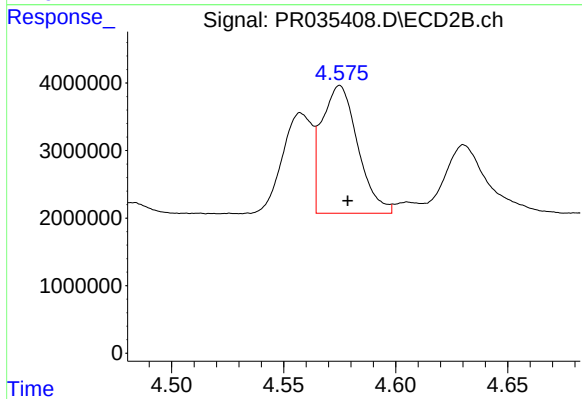
#16 AR-1242-1

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 13705549
Conc: 109.78 ng/ml



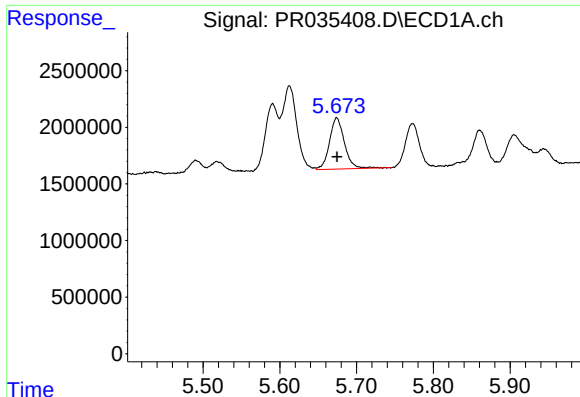
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 9872422
Conc: 120.76 ng/ml



#17 AR-1242-2

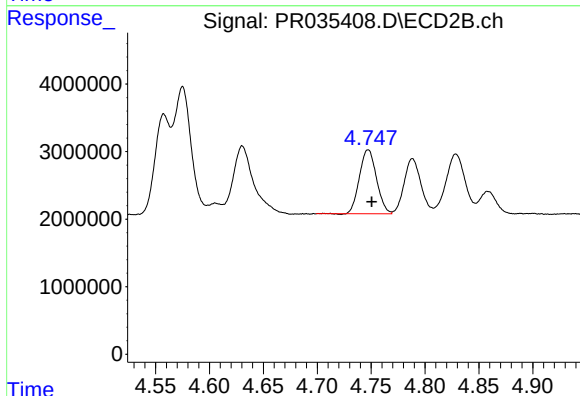
R.T.: 4.575 min
Delta R.T.: -0.004 min
Response: 21169246
Conc: 107.66 ng/ml



#18 AR-1242-3

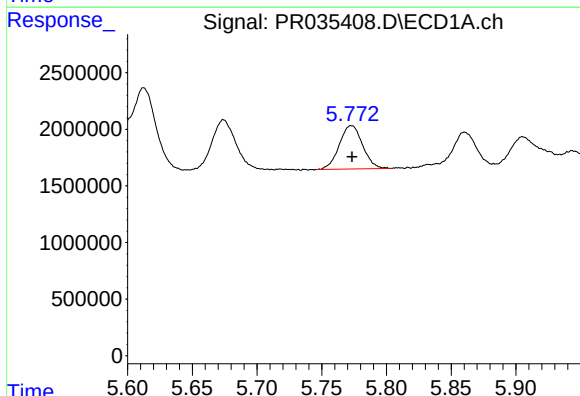
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 6142848
Conc: 121.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



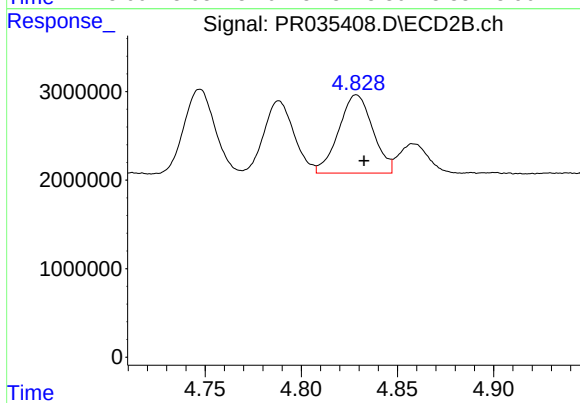
#18 AR-1242-3

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 10423488
Conc: 101.46 ng/ml



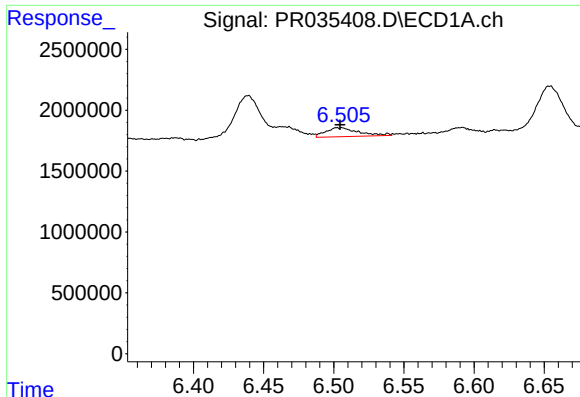
#19 AR-1242-4

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 4816266
Conc: 115.68 ng/ml



#19 AR-1242-4

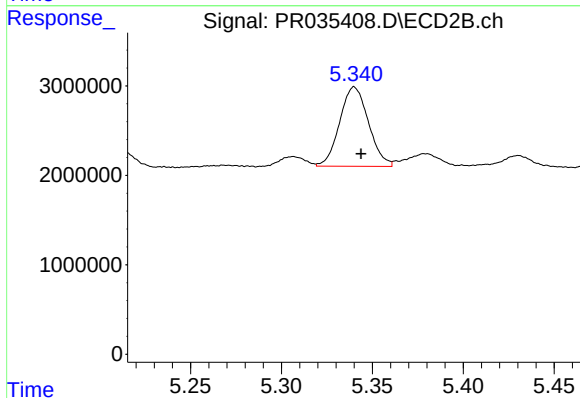
R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 10894624
Conc: 108.06 ng/ml



#20 AR-1242-5

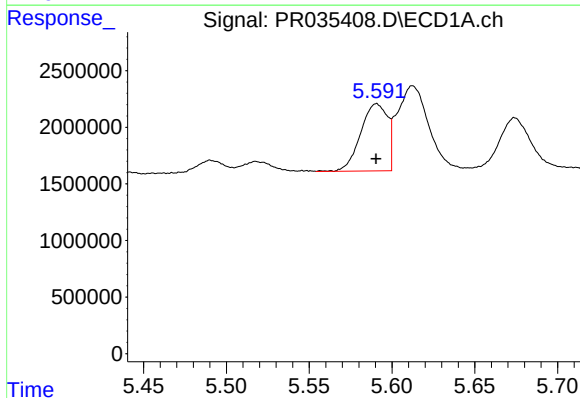
R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 1206560
Conc: 23.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



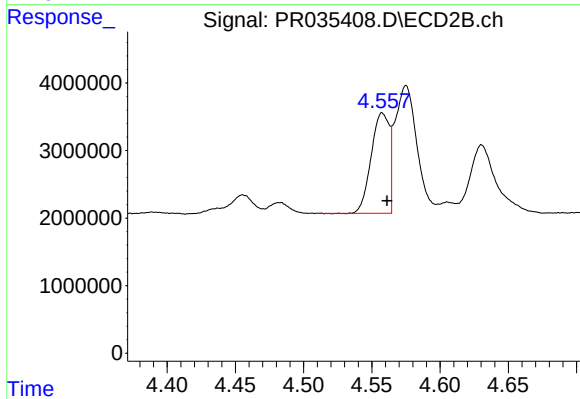
#20 AR-1242-5

R.T.: 5.340 min
Delta R.T.: -0.004 min
Response: 9802612
Conc: 67.73 ng/ml



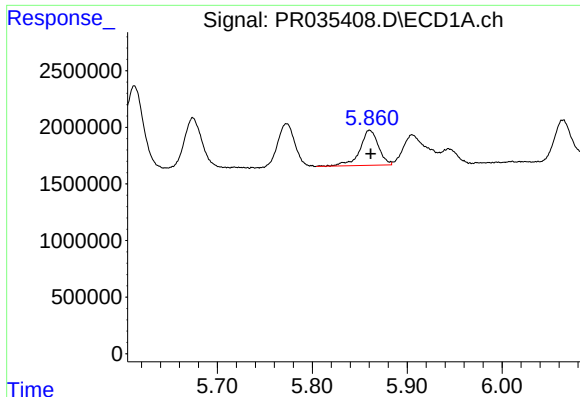
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 6684755
Conc: 172.21 ng/ml



#21 AR-1248-1

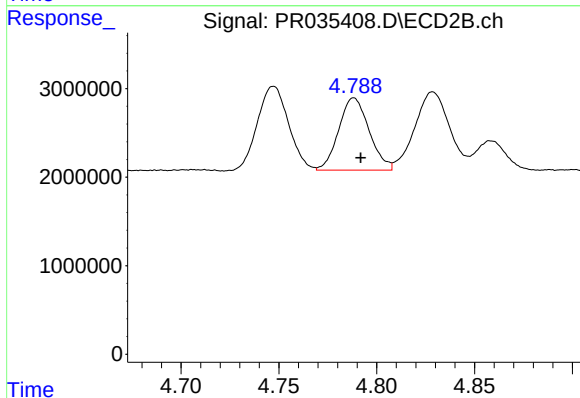
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 13705549
Conc: 149.40 ng/ml



#22 AR-1248-2

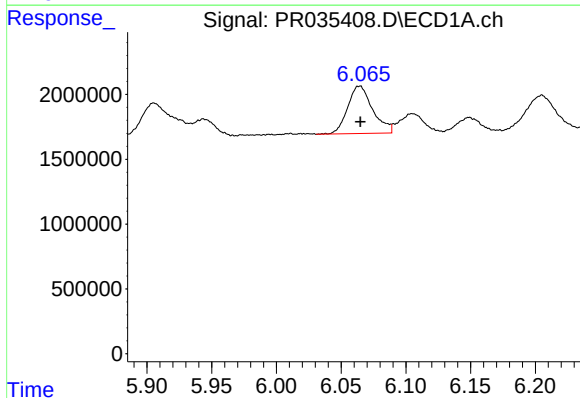
R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 4217631
Conc: 74.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



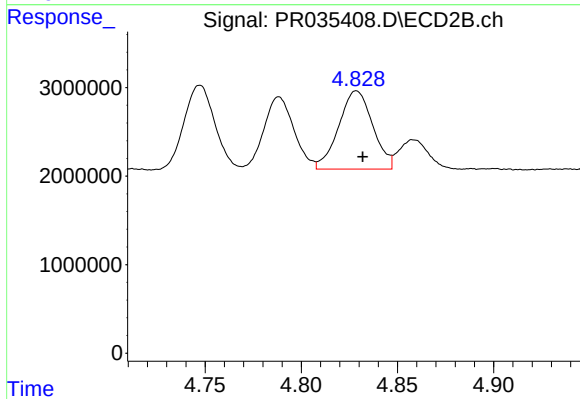
#22 AR-1248-2

R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 8850821
Conc: 68.93 ng/ml



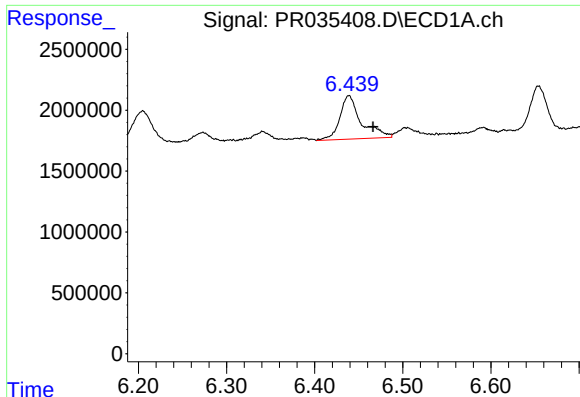
#23 AR-1248-3

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 4933208
Conc: 77.02 ng/ml



#23 AR-1248-3

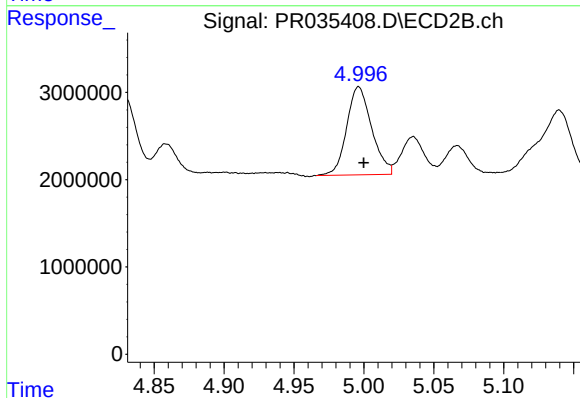
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 10894624
Conc: 82.17 ng/ml



#24 AR-1248-4

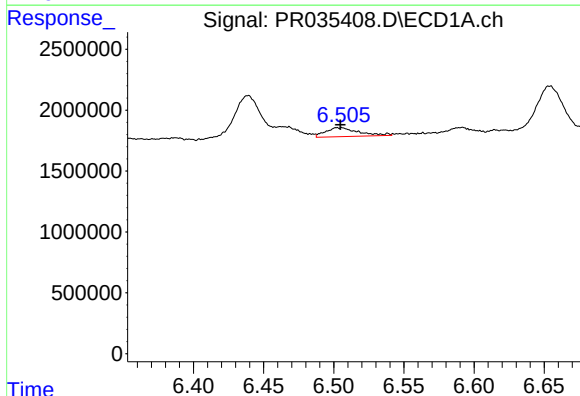
R.T.: 6.439 min
Delta R.T.: -0.027 min
Response: 6040040
Conc: 76.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



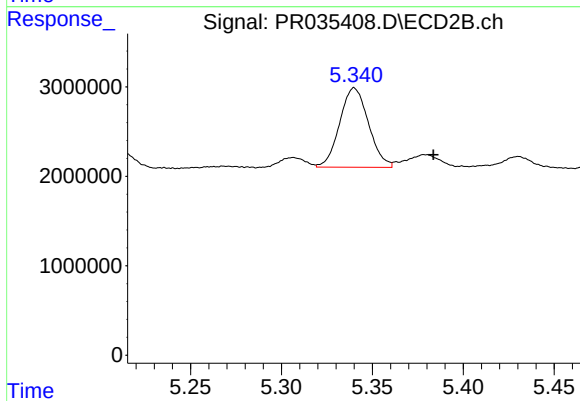
#24 AR-1248-4

R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 12546843
Conc: 75.07 ng/ml



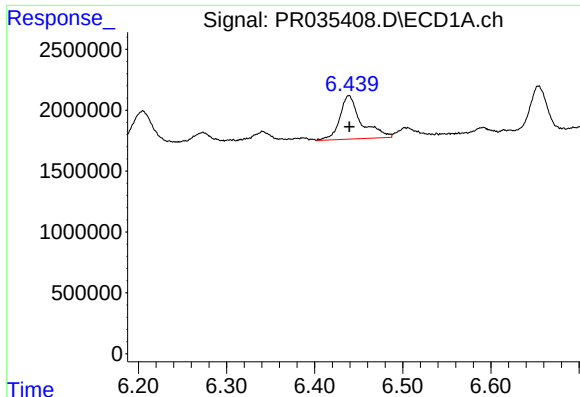
#25 AR-1248-5

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 1206560
Conc: 16.23 ng/ml



#25 AR-1248-5

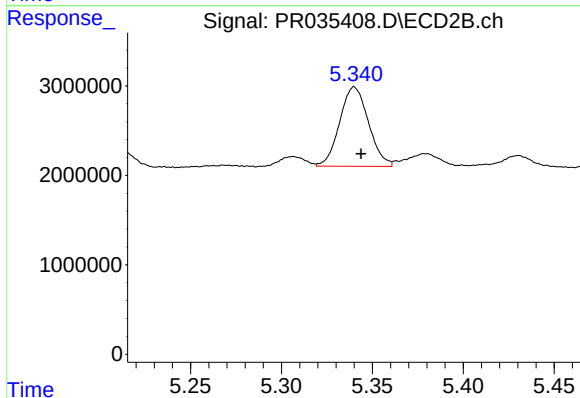
R.T.: 5.340 min
Delta R.T.: -0.043 min
Response: 9802612
Conc: 55.44 ng/ml



#26 AR-1254-1

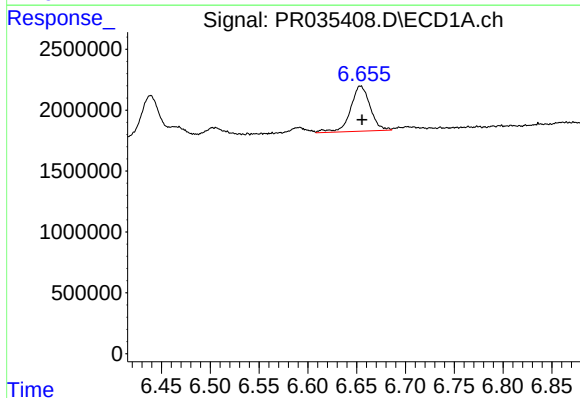
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 6040040
Conc: 54.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



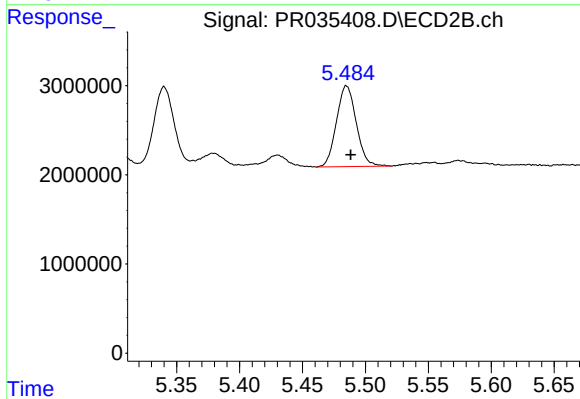
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: -0.004 min
Response: 9802612
Conc: 25.36 ng/ml



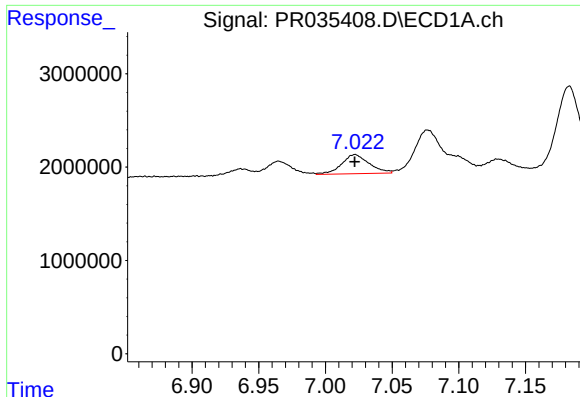
#27 AR-1254-2

R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 5205664
Conc: 29.31 ng/ml



#27 AR-1254-2

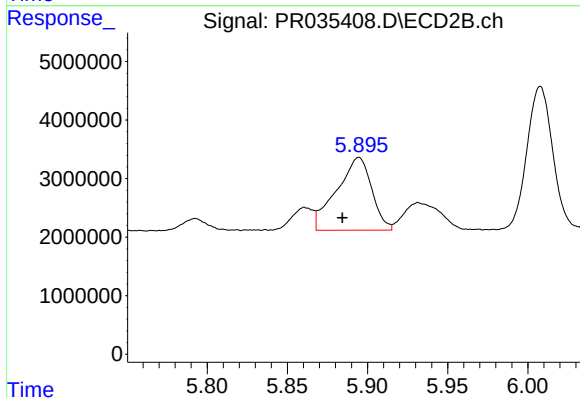
R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 9909746
Conc: 29.16 ng/ml



#28 AR-1254-3

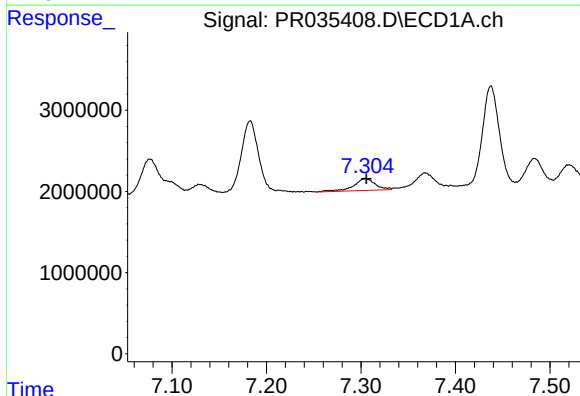
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 2960787
Conc: 15.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



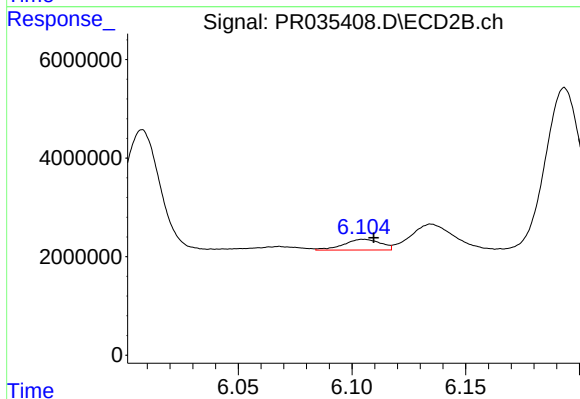
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: 0.010 min
Response: 18964361
Conc: 32.38 ng/ml



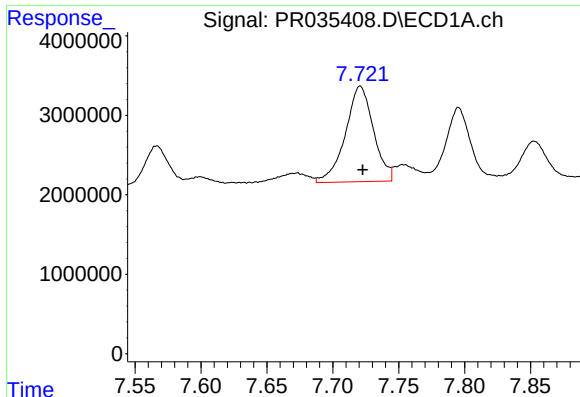
#29 AR-1254-4

R.T.: 7.305 min
Delta R.T.: -0.001 min
Response: 2327036
Conc: 14.45 ng/ml



#29 AR-1254-4

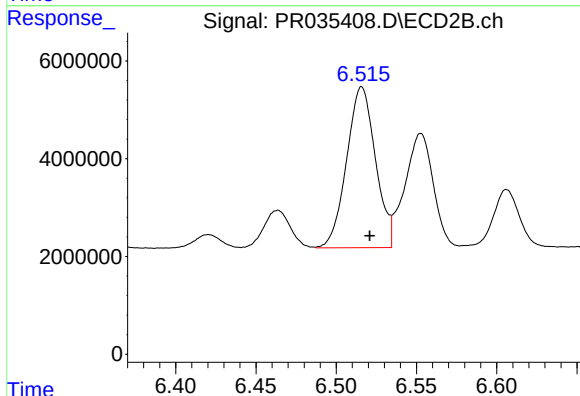
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 2483088
Conc: 6.33 ng/ml



#30 AR-1254-5

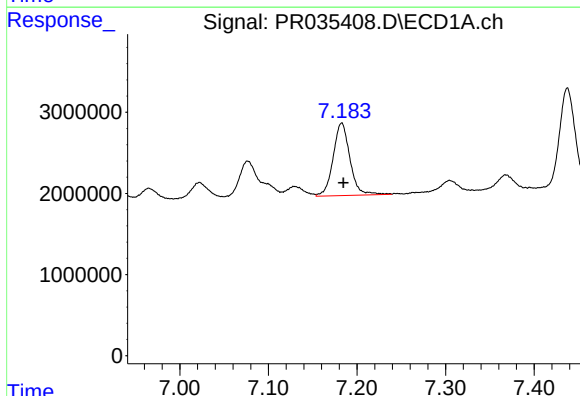
R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 17828781
Conc: 108.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



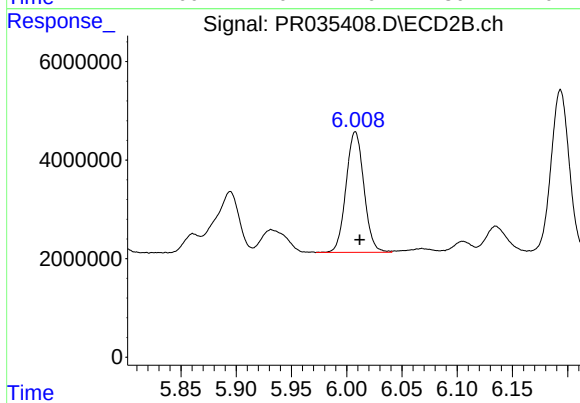
#30 AR-1254-5

R.T.: 6.516 min
Delta R.T.: -0.005 min
Response: 41128699
Conc: 74.39 ng/ml



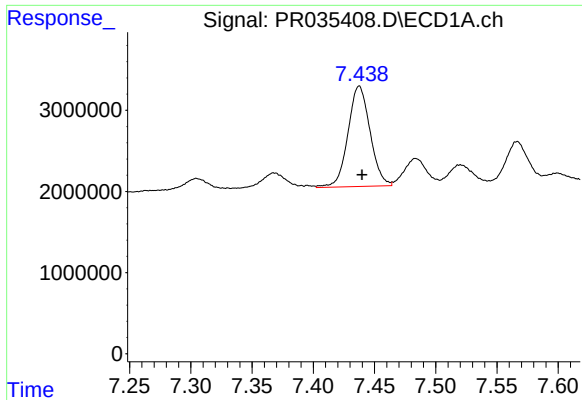
#31 AR-1260-1

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 11779169
Conc: 68.49 ng/ml



#31 AR-1260-1

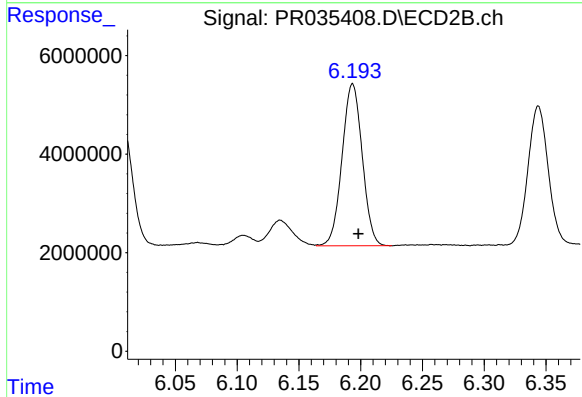
R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 27580353
Conc: 61.01 ng/ml



#32 AR-1260-2

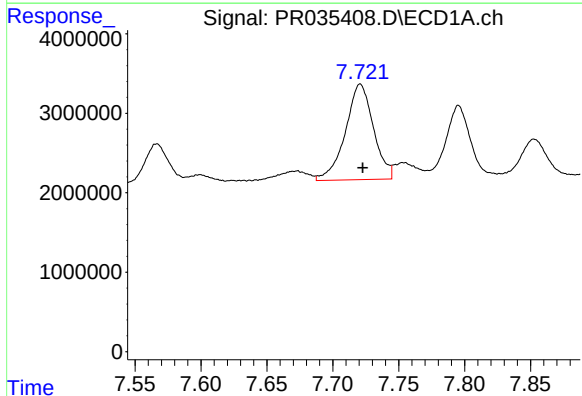
R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 15556829
Conc: 64.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



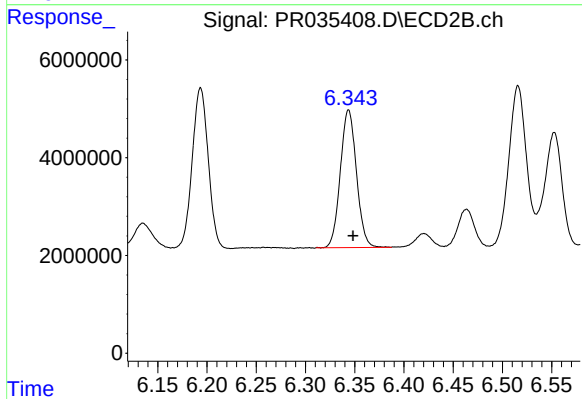
#32 AR-1260-2

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 37371921
Conc: 61.59 ng/ml



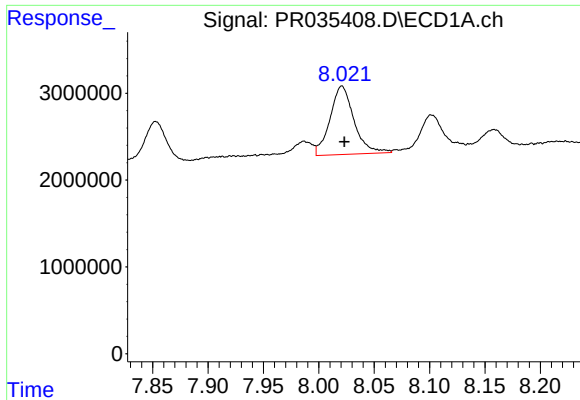
#33 AR-1260-3

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 17828781
Conc: 66.95 ng/ml



#33 AR-1260-3

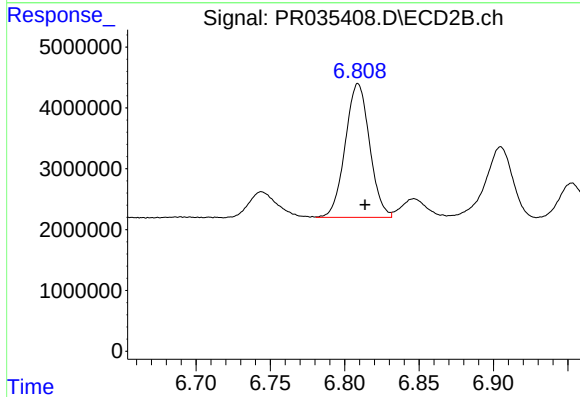
R.T.: 6.344 min
Delta R.T.: -0.005 min
Response: 32136283
Conc: 59.29 ng/ml



#34 AR-1260-4

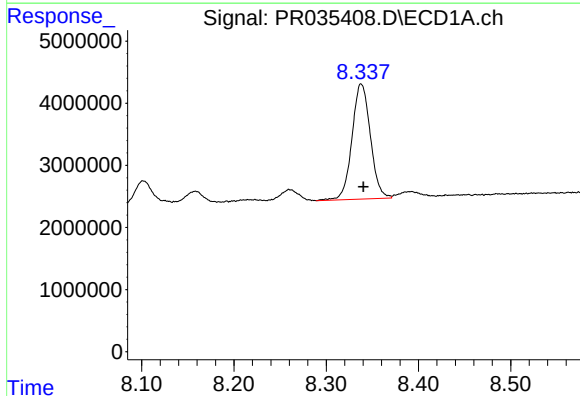
R.T.: 8.021 min
Delta R.T.: -0.002 min
Response: 11878157
Conc: 62.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



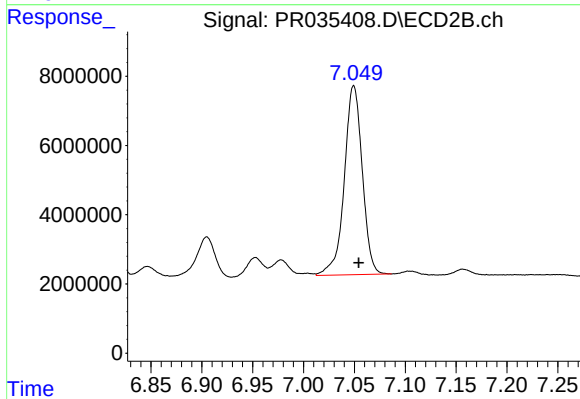
#34 AR-1260-4

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 25081071
Conc: 54.74 ng/ml



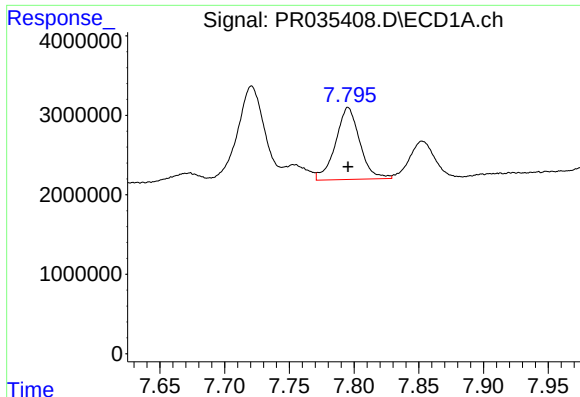
#35 AR-1260-5

R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 25678501
Conc: 55.84 ng/ml



#35 AR-1260-5

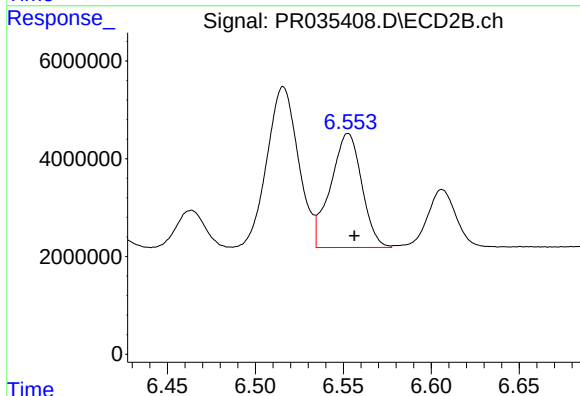
R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 67165304
Conc: 53.21 ng/ml



#36 AR-1262-1

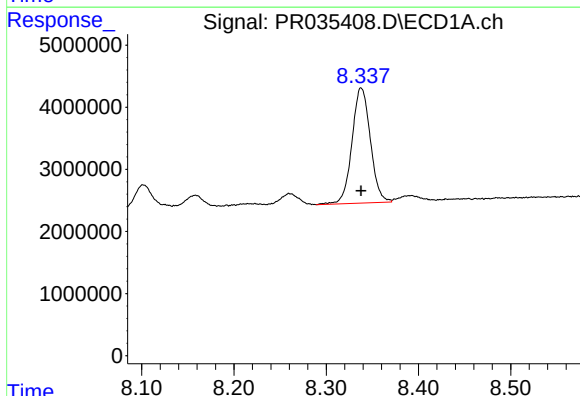
R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 11810582
Conc: 63.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



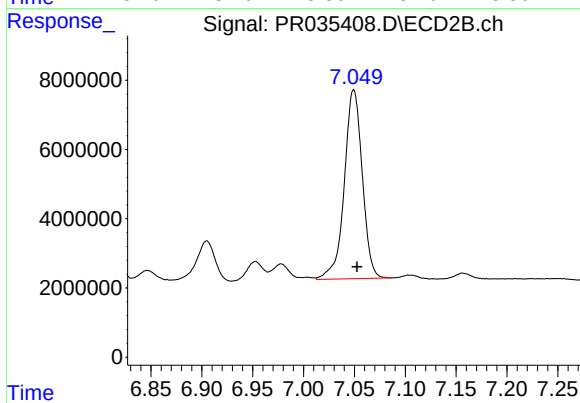
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 28769727
Conc: 60.45 ng/ml



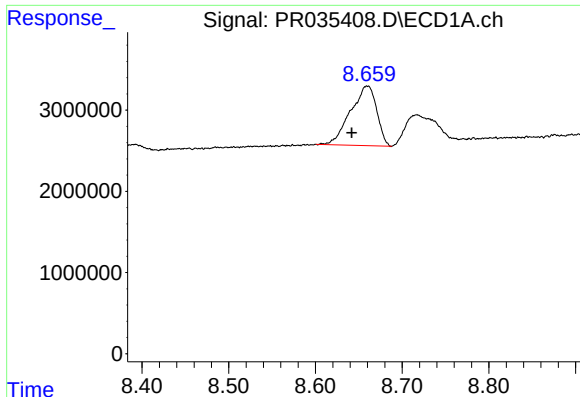
#37 AR-1262-2

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 25678501
Conc: 80.09 ng/ml



#37 AR-1262-2

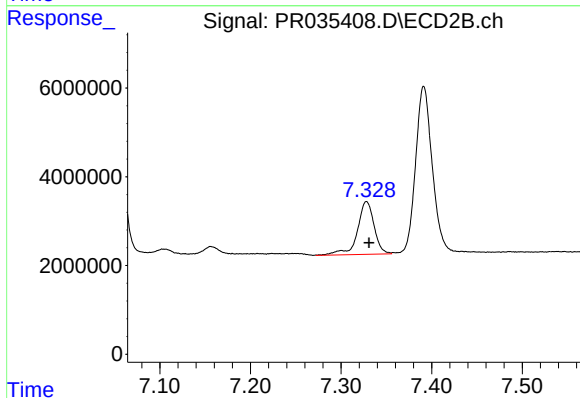
R.T.: 7.049 min
Delta R.T.: -0.003 min
Response: 67165304
Conc: 75.88 ng/ml



#38 AR-1262-3

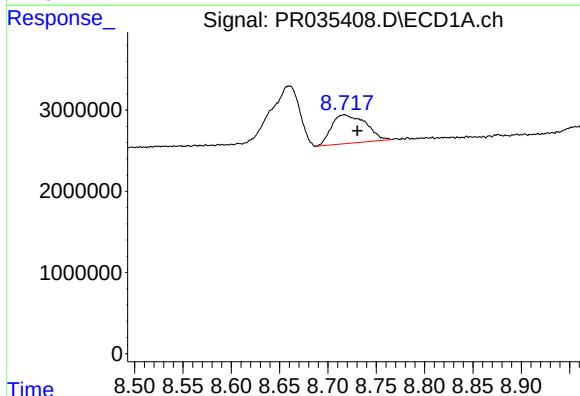
R.T.: 8.660 min
Delta R.T.: 0.018 min
Response: 15357805
Conc: 75.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



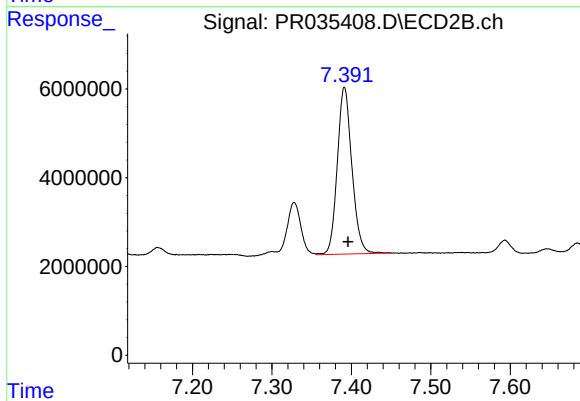
#38 AR-1262-3

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 15193109
Conc: 41.41 ng/ml



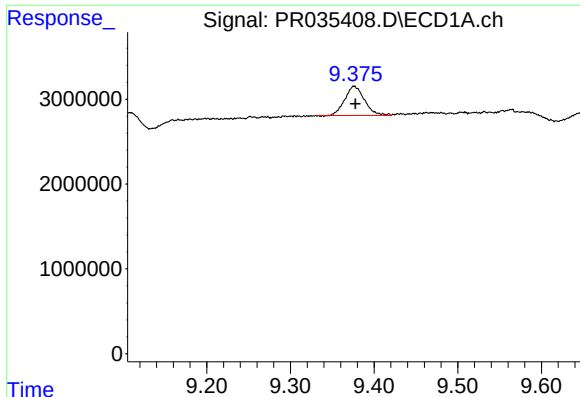
#39 AR-1262-4

R.T.: 8.717 min
Delta R.T.: -0.013 min
Response: 8663627
Conc: 57.63 ng/ml



#39 AR-1262-4

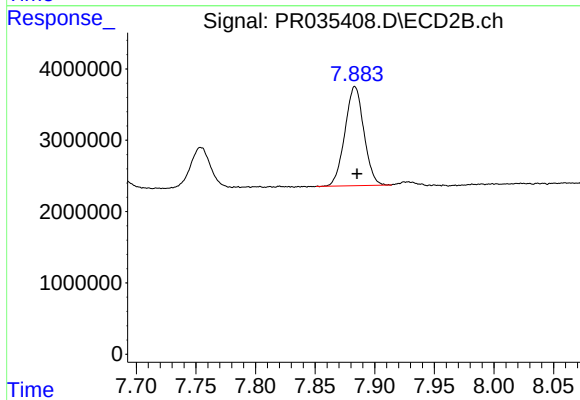
R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 48085962
Conc: 76.75 ng/ml



#40 AR-1262-5

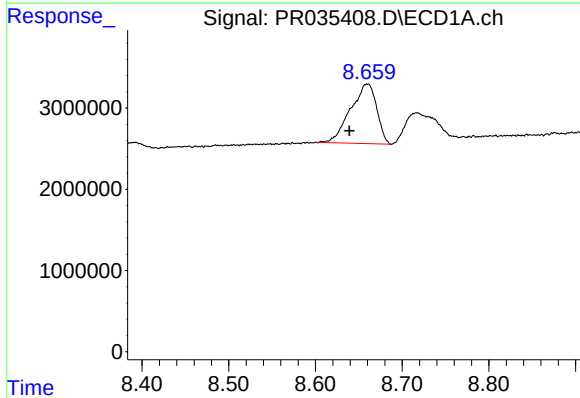
R.T.: 9.376 min
Delta R.T.: -0.002 min
Response: 5634617
Conc: 56.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



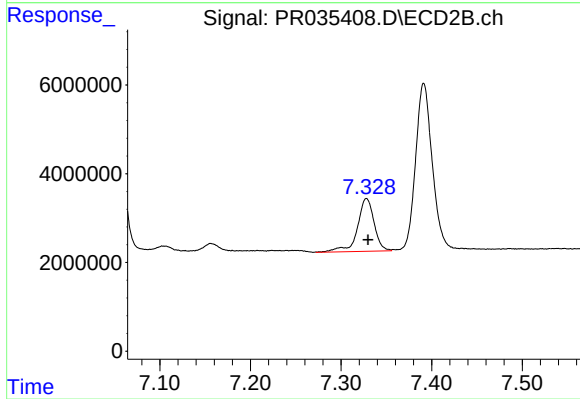
#40 AR-1262-5

R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 15378313
Conc: 54.05 ng/ml



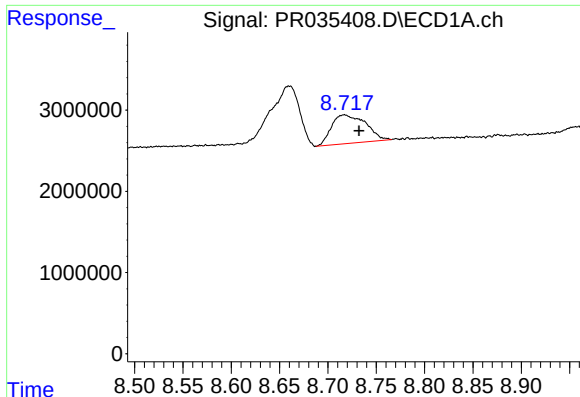
#41 AR-1268-1

R.T.: 8.660 min
Delta R.T.: 0.020 min
Response: 15357805
Conc: 26.09 ng/ml



#41 AR-1268-1

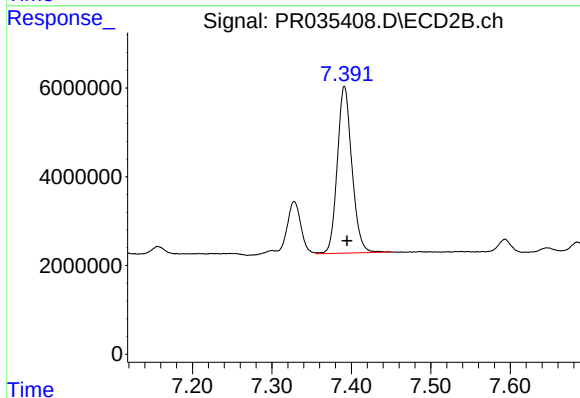
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 15193109
Conc: 9.47 ng/ml



#42 AR-1268-2

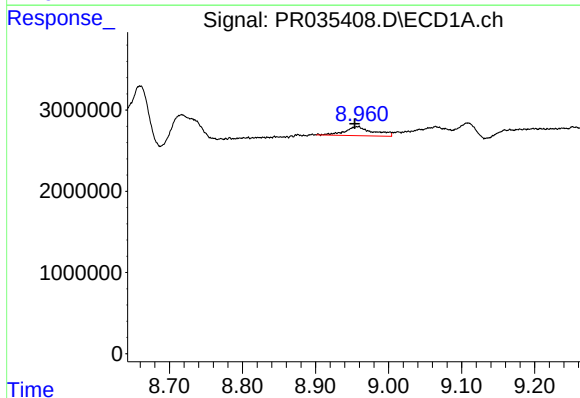
R.T.: 8.717 min
Delta R.T.: -0.015 min
Response: 8663627
Conc: 17.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



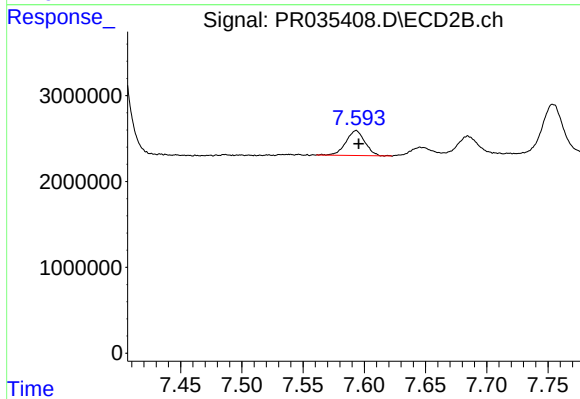
#42 AR-1268-2

R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 48085962
Conc: 33.88 ng/ml



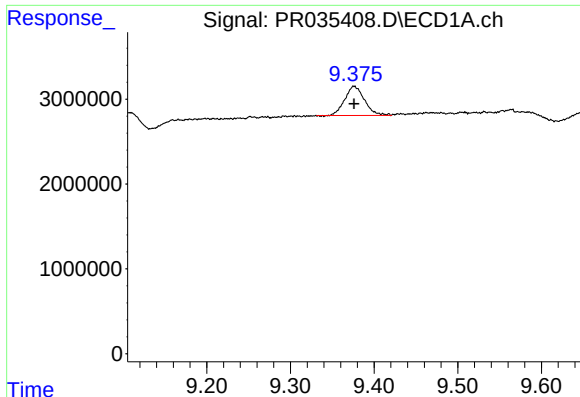
#43 AR-1268-3

R.T.: 8.959 min
Delta R.T.: 0.005 min
Response: 3021426
Conc: 6.78 ng/ml



#43 AR-1268-3

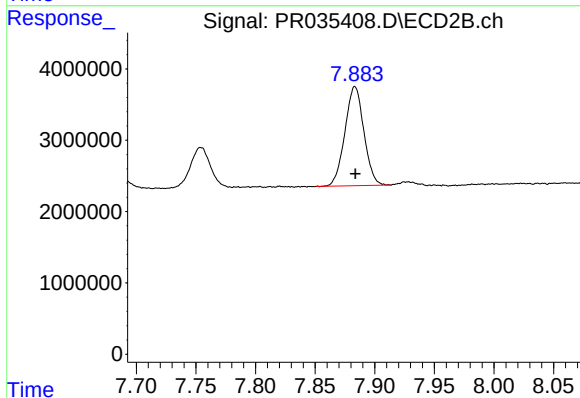
R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 3141586
Conc: 2.53 ng/ml



#44 AR-1268-4

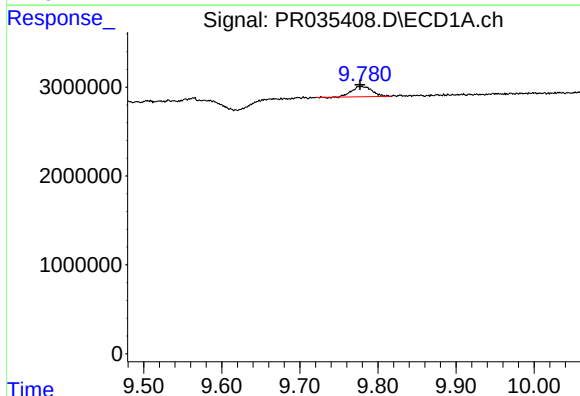
R.T.: 9.376 min
Delta R.T.: 0.000 min
Response: 5634617
Conc: 34.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS13



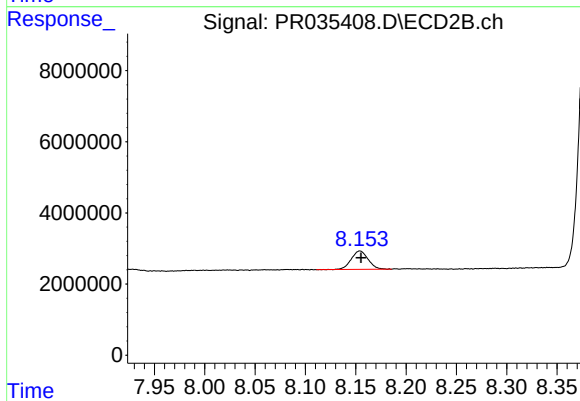
#44 AR-1268-4

R.T.: 7.883 min
Delta R.T.: 0.000 min
Response: 15378313
Conc: 33.73 ng/ml



#45 AR-1268-5

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2095103
Conc: 1.75 ng/ml



#45 AR-1268-5

R.T.: 8.154 min
Delta R.T.: -0.001 min
Response: 6040826
Conc: 1.77 ng/ml