

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061021\
 Data File : PP036327.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jun 2021 13:54
 Operator : DD\AJ
 Sample : M2589-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 14:57:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 26 00:48:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.965	3.961	381405	577245	8.569	20.683 #
2)	SA Decachlor...	10.997	9.267	990460	536710	23.176	23.394
Target Compounds							
3)	L1 AR-1016-1	6.285	5.215	549448	381304	342.807	409.361
4)	L1 AR-1016-2	6.308	5.236	791187	476181	349.158	364.488
5)	L1 AR-1016-3	6.375	5.425	539530	380643	372.586	538.297 #
6)	L1 AR-1016-4	6.480	5.479	534224	230450	441.173	433.817
7)	L1 AR-1016-5	6.796	5.708	259819	253881	219.403	370.555 #
8)	L2 AR-1221-1	5.210	4.211	48395	71447	88.062	224.891 #
9)	L2 AR-1221-2	5.314	4.316	76224	63983	182.865	265.758 #
10)	L2 AR-1221-3	5.401	4.405	299271	167724	238.532	217.308
11)	L3 AR-1232-1	5.401	4.405	299271	167724	309.716	286.732
12)	L3 AR-1232-2	5.989	5.236	464871	476181	925.104	908.354
13)	L3 AR-1232-3	6.308	5.425	791187	380643	848.927	1374.025 #
14)	L3 AR-1232-4	6.480	5.524	534224	254490	1104.933	1121.550
15)	L3 AR-1232-5	6.577	5.708	518116	253881	1611.936	1018.702 #
16)	L4 AR-1242-1	6.285	5.215	549448	381304	456.175	529.596
17)	L4 AR-1242-2	6.308	5.236	791187	476181	469.687	486.752
18)	L4 AR-1242-3	6.375	5.425	539530	380643	491.567	709.656 #
19)	L4 AR-1242-4	6.480	5.524	534224	254490	584.997	515.686
20)	L4 AR-1242-5	7.265	6.090	636241	685928	667.414	1059.954 #
21)	L5 AR-1248-1	6.285	5.215	549448	381304	590.181	710.784
22)	L5 AR-1248-2	6.577	5.479	518116	230450	433.365	330.236
23)	L5 AR-1248-3	6.796	5.524	259819	254490	179.324	353.605 #
24)	L5 AR-1248-4	7.201f	5.708	1546636	253881	971.148	287.458 #
25)	L5 AR-1248-5	7.265	6.130	636241	275059	407.535	312.787
26)	L6 AR-1254-1	7.201	6.090	1546636	685928	954.639	524.896 #
27)	L6 AR-1254-2	7.431	6.248	2683836	304694	1089.487	264.265 #
28)	L6 AR-1254-3	7.815	6.667	1669465	471166	632.842	247.461 #
29)	L6 AR-1254-4	8.101	6.908	535418	340684	265.260	285.320
30)	L6 AR-1254-5	8.529	7.338	817987	596248	360.494	349.485
31)	L7 AR-1260-1	7.971	6.806	446881	363774	220.603	291.557 #
32)	L7 AR-1260-2	8.235	7.003	3469705	592299	1420.285	393.044 #
33)	L7 AR-1260-3	8.600	7.157	257446	268672	138.632	191.168 #
34)	L7 AR-1260-4	0.000	7.643	0	114380	N.D.	97.834 #
35)	L7 AR-1260-5	9.164	7.891	803323	474273	188.144	171.331
36)	L8 AR-1262-1	8.600	7.338	257446	596248	102.139	659.523 #
37)	L8 AR-1262-2	9.164	7.891	803323	474273	178.262	159.303
38)	L8 AR-1262-3	9.478	8.180	50040	-3360	15.507	N.D. #
39)	L8 AR-1262-4	9.576	8.238	507827	418794	189.348	189.967
40)	L8 AR-1262-5	10.240	8.740	161823	76785	90.852	75.493
41)	L9 AR-1268-1	9.478	8.180	50040	-3360	9.664	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061021\
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 Acq On : 10 Jun 2021 13:54
 Operator : DD\AJ
 Sample : M2589-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

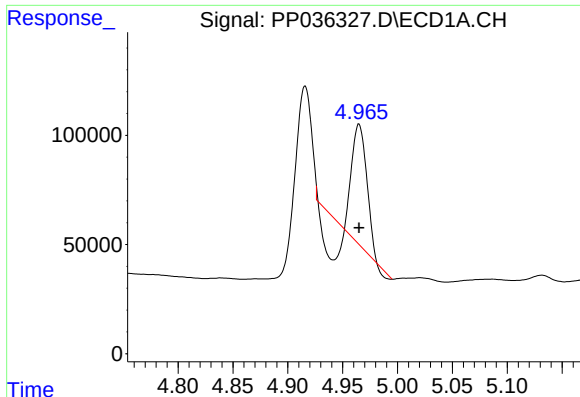
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 14:57:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
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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	9.576	8.238	507827	418794	101.605	135.605 #
43) L9	AR-1268-3	9.796	8.451	66180	208731	15.862	81.109 #
44) L9	AR-1268-4	10.240	8.740	161823	76785	82.931	69.686
45) L9	AR-1268-5	10.657	9.021	218774	120306	16.191	14.089

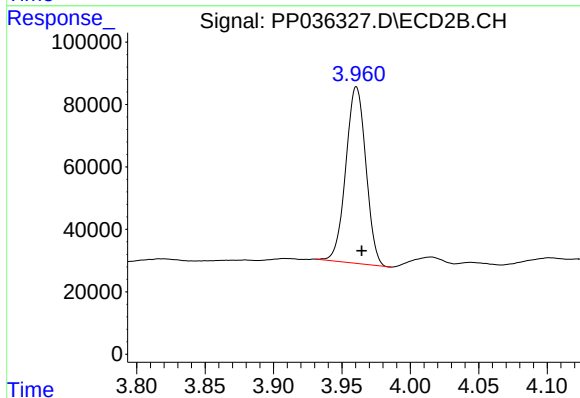
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

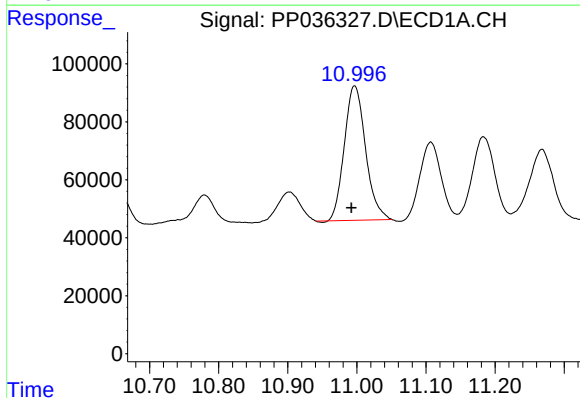
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 381405
Conc: 8.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



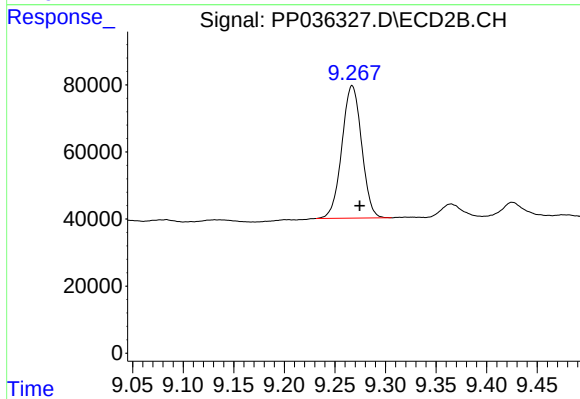
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 577245
Conc: 20.68 ng/ml



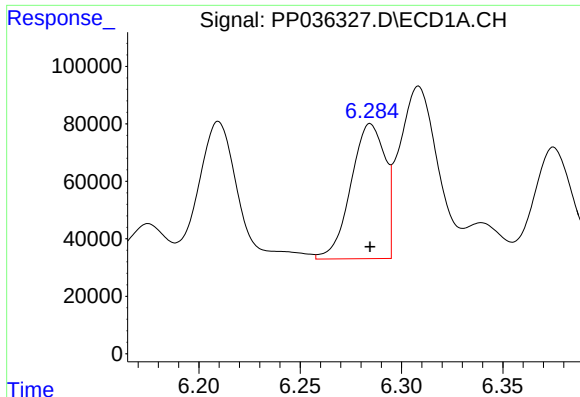
#2 Decachlorobiphenyl

R.T.: 10.997 min
Delta R.T.: 0.004 min
Response: 990460
Conc: 23.18 ng/ml



#2 Decachlorobiphenyl

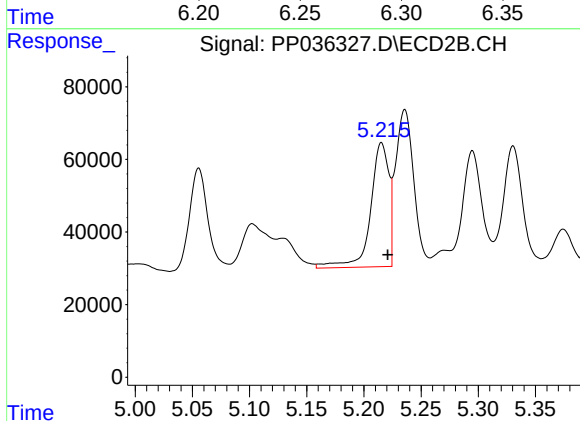
R.T.: 9.267 min
Delta R.T.: -0.008 min
Response: 536710
Conc: 23.39 ng/ml



#3 AR-1016-1

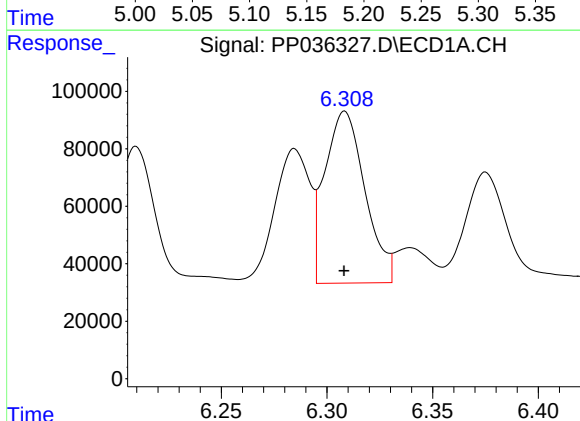
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 549448
Conc: 342.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



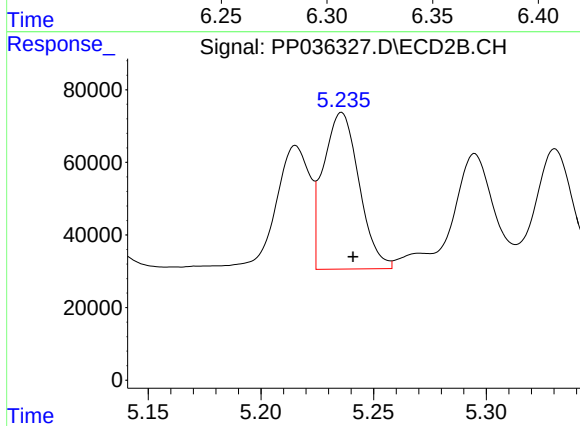
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: -0.005 min
Response: 381304
Conc: 409.36 ng/ml



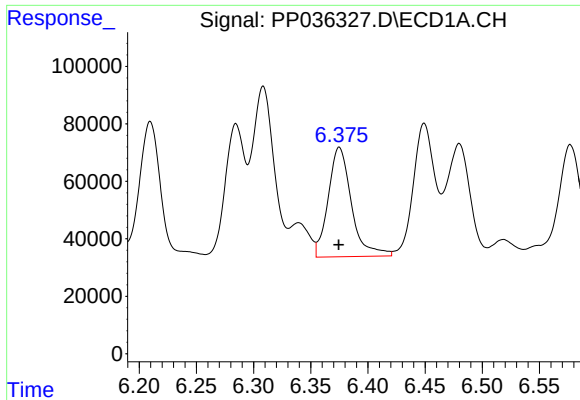
#4 AR-1016-2

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 791187
Conc: 349.16 ng/ml



#4 AR-1016-2

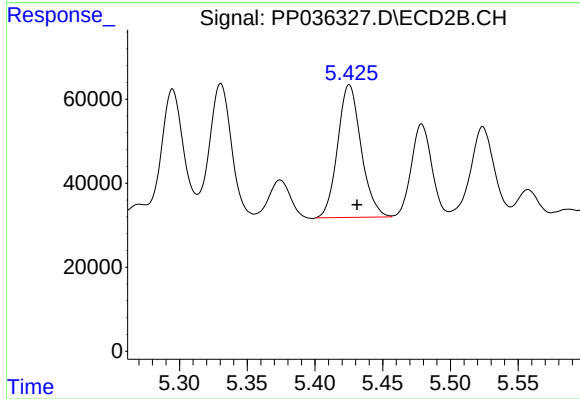
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 476181
Conc: 364.49 ng/ml



#5 AR-1016-3

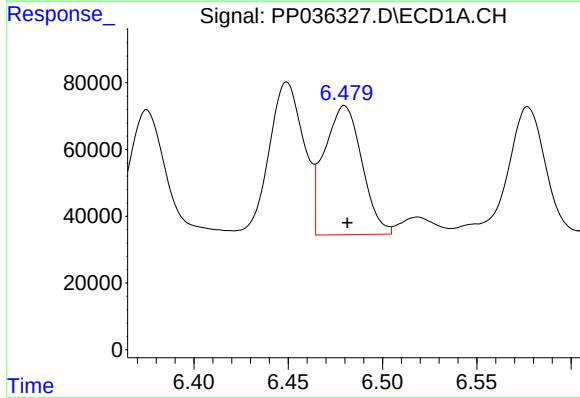
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 539530
Conc: 372.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



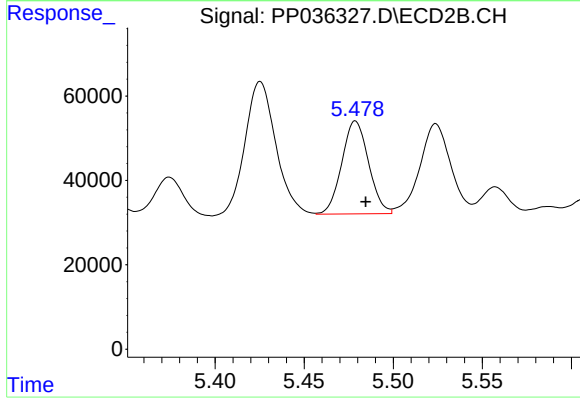
#5 AR-1016-3

R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 380643
Conc: 538.30 ng/ml



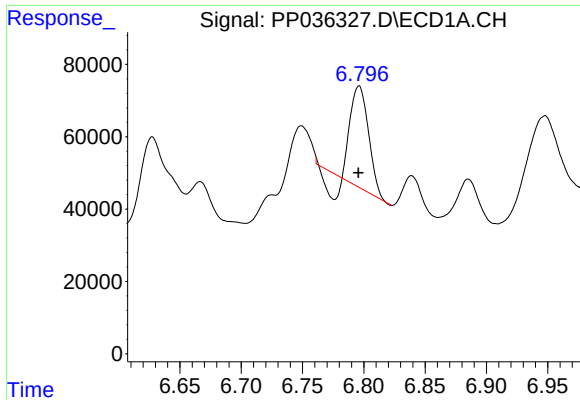
#6 AR-1016-4

R.T.: 6.480 min
Delta R.T.: -0.001 min
Response: 534224
Conc: 441.17 ng/ml



#6 AR-1016-4

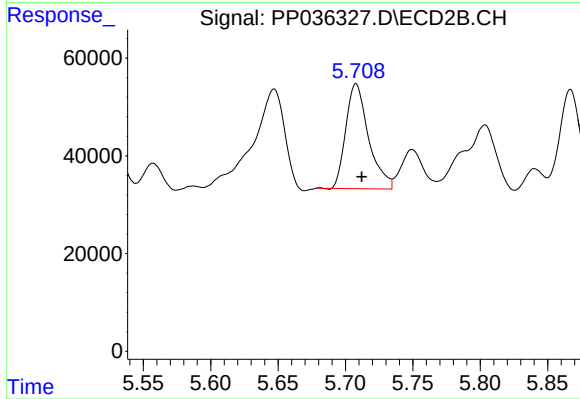
R.T.: 5.479 min
Delta R.T.: -0.006 min
Response: 230450
Conc: 433.82 ng/ml



#7 AR-1016-5

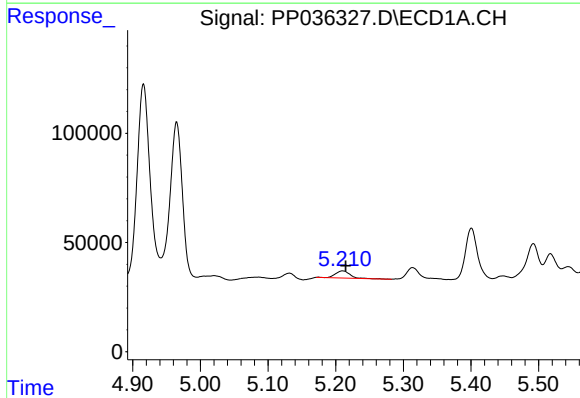
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 259819
Conc: 219.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



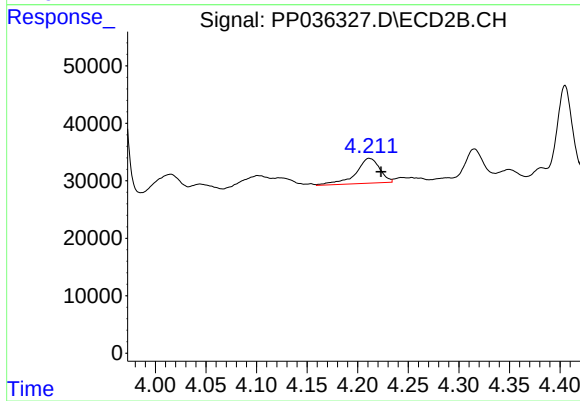
#7 AR-1016-5

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 253881
Conc: 370.56 ng/ml



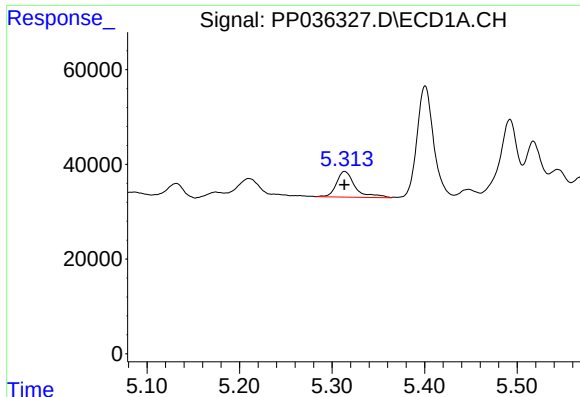
#8 AR-1221-1

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 48395
Conc: 88.06 ng/ml



#8 AR-1221-1

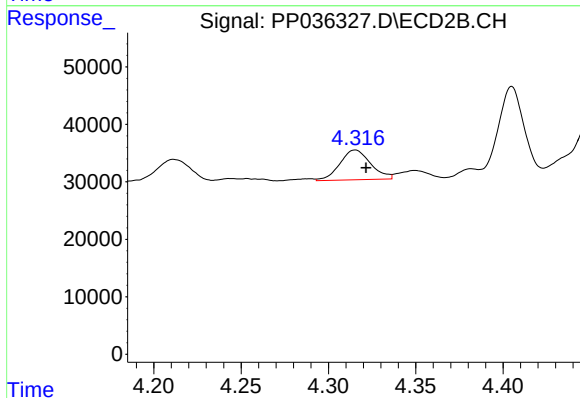
R.T.: 4.211 min
Delta R.T.: -0.012 min
Response: 71447
Conc: 224.89 ng/ml



#9 AR-1221-2

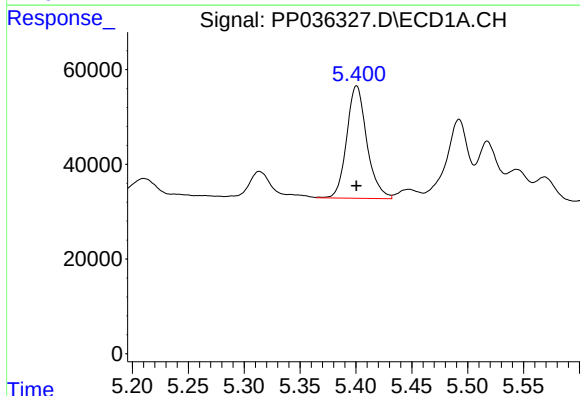
R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 76224
Conc: 182.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



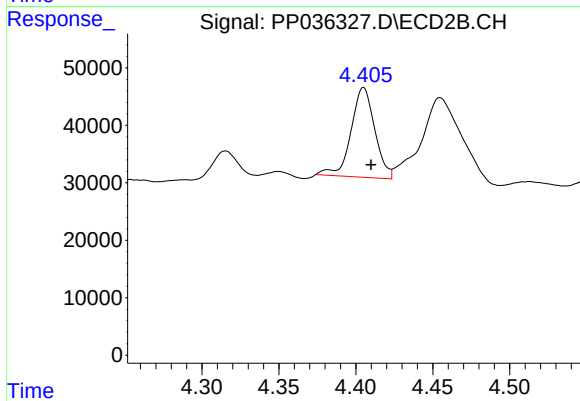
#9 AR-1221-2

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 63983
Conc: 265.76 ng/ml



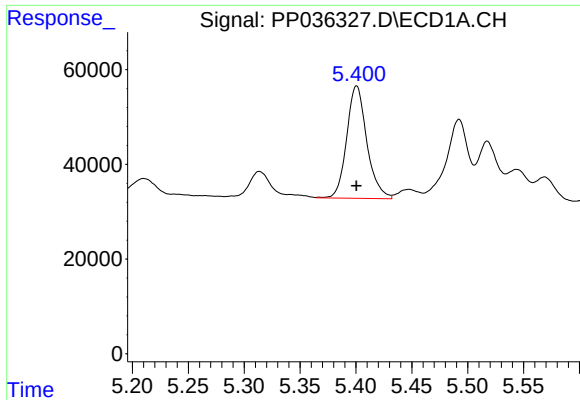
#10 AR-1221-3

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 299271
Conc: 238.53 ng/ml



#10 AR-1221-3

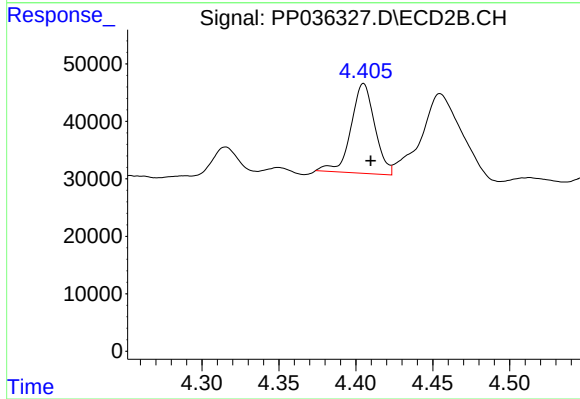
R.T.: 4.405 min
Delta R.T.: -0.005 min
Response: 167724
Conc: 217.31 ng/ml



#11 AR-1232-1

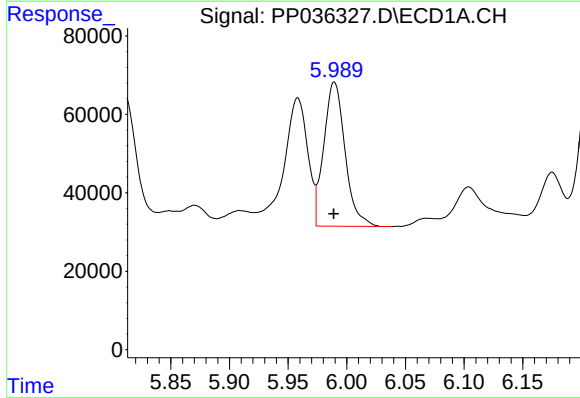
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 299271
Conc: 309.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



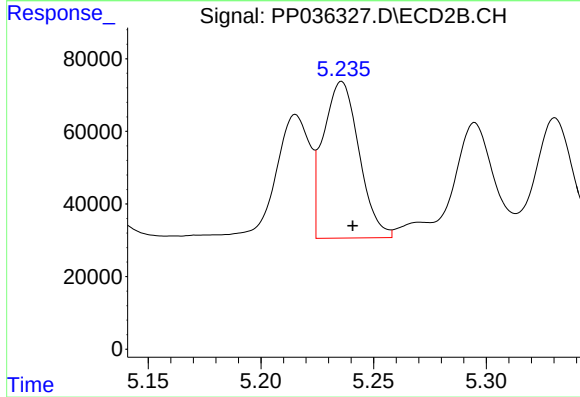
#11 AR-1232-1

R.T.: 4.405 min
Delta R.T.: -0.005 min
Response: 167724
Conc: 286.73 ng/ml



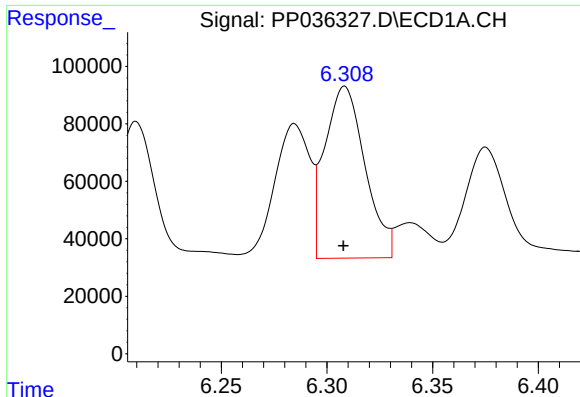
#12 AR-1232-2

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 464871
Conc: 925.10 ng/ml



#12 AR-1232-2

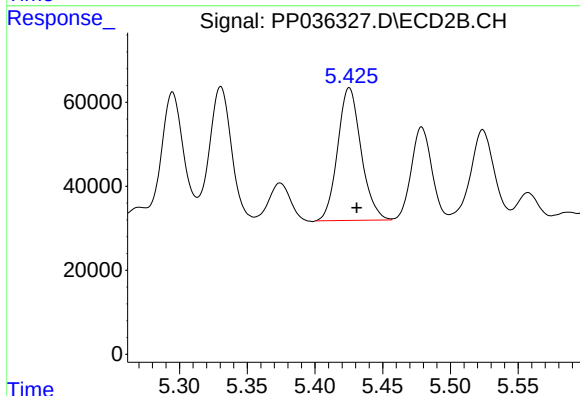
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 476181
Conc: 908.35 ng/ml



#13 AR-1232-3

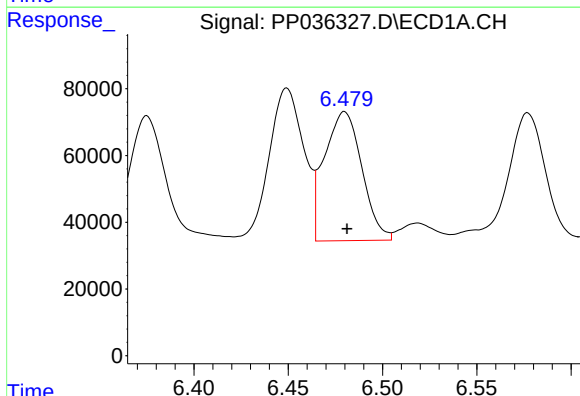
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 791187
Conc: 848.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



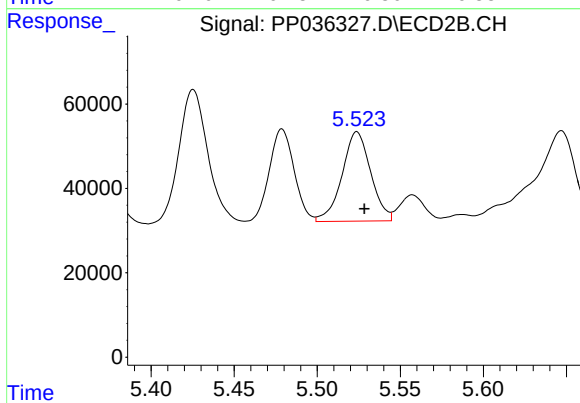
#13 AR-1232-3

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 380643
Conc: 1374.03 ng/ml



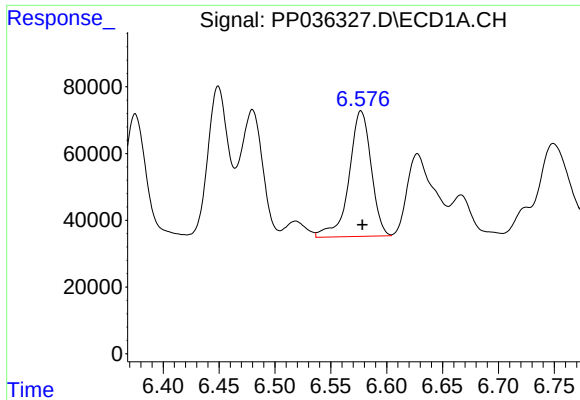
#14 AR-1232-4

R.T.: 6.480 min
Delta R.T.: -0.001 min
Response: 534224
Conc: 1104.93 ng/ml



#14 AR-1232-4

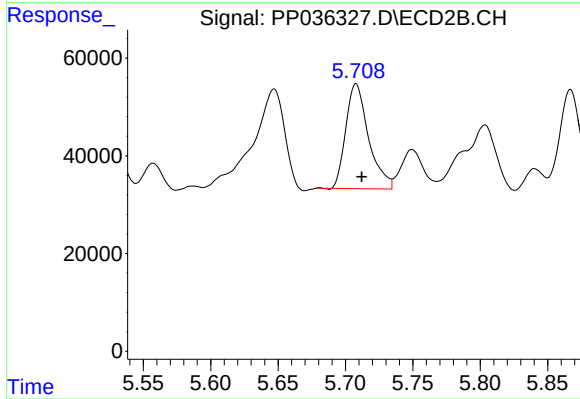
R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 254490
Conc: 1121.55 ng/ml



#15 AR-1232-5

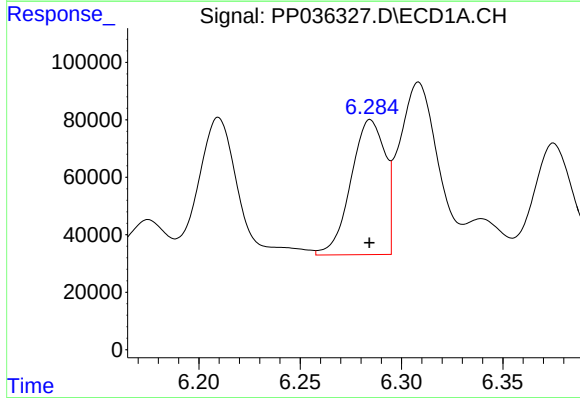
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 518116
Conc: 1611.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



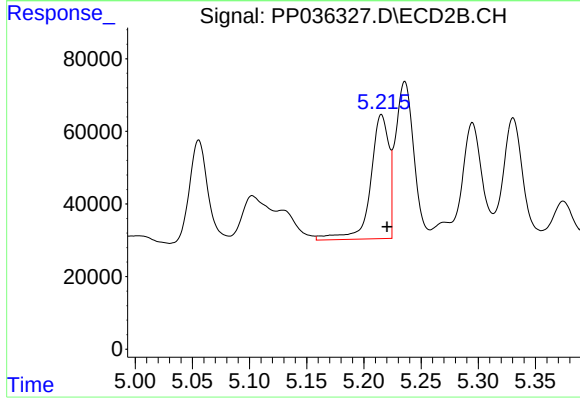
#15 AR-1232-5

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 253881
Conc: 1018.70 ng/ml



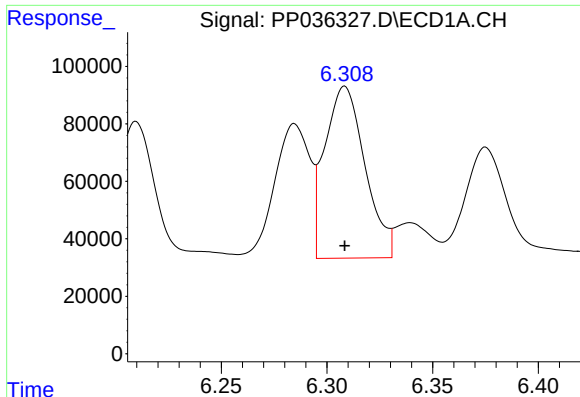
#16 AR-1242-1

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 549448
Conc: 456.17 ng/ml



#16 AR-1242-1

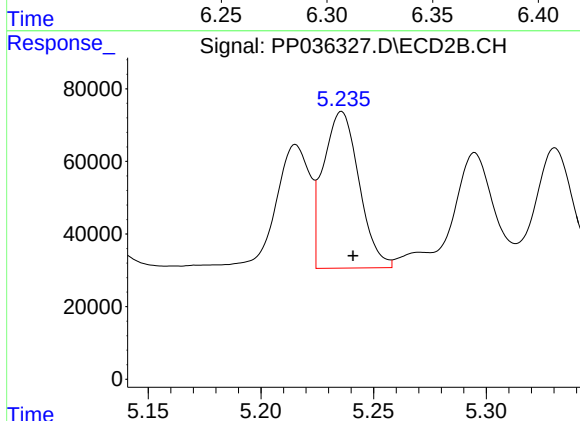
R.T.: 5.215 min
Delta R.T.: -0.005 min
Response: 381304
Conc: 529.60 ng/ml



#17 AR-1242-2

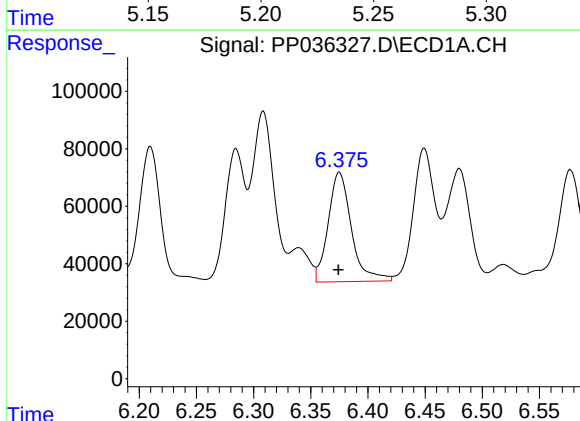
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 791187
Conc: 469.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



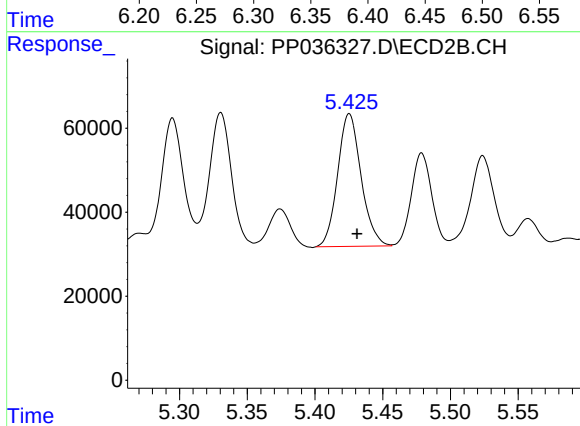
#17 AR-1242-2

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 476181
Conc: 486.75 ng/ml



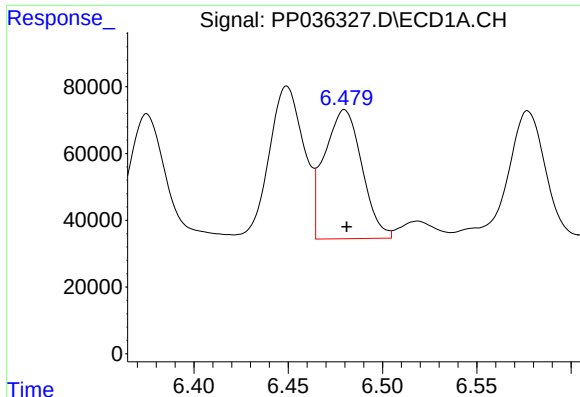
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 539530
Conc: 491.57 ng/ml



#18 AR-1242-3

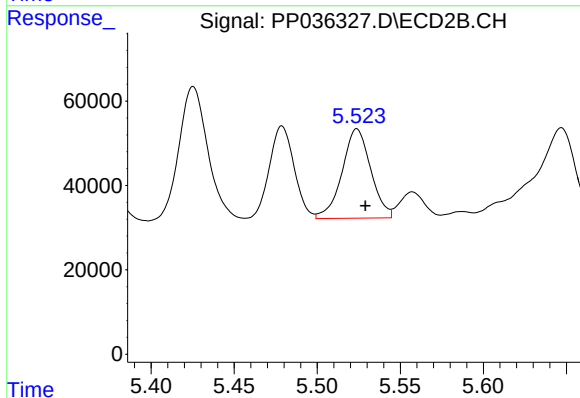
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 380643
Conc: 709.66 ng/ml



#19 AR-1242-4

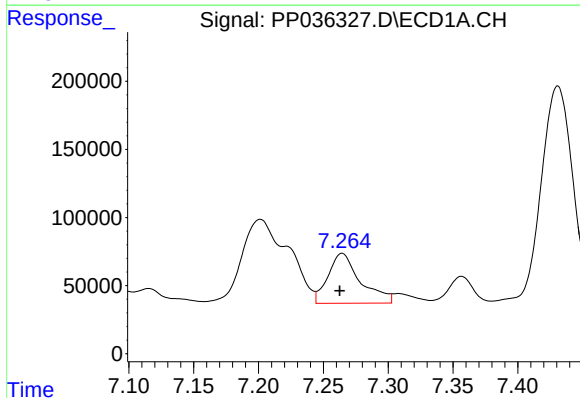
R.T.: 6.480 min
Delta R.T.: -0.001 min
Response: 534224
Conc: 585.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



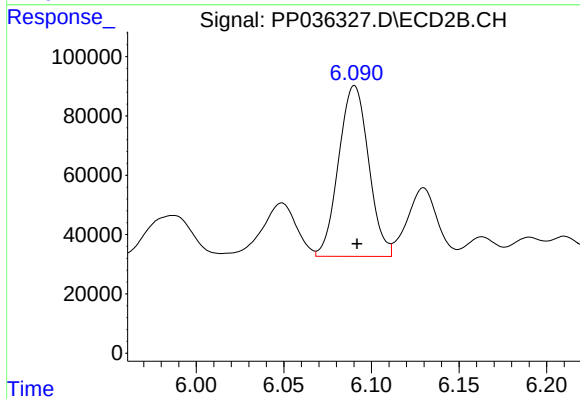
#19 AR-1242-4

R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 254490
Conc: 515.69 ng/ml



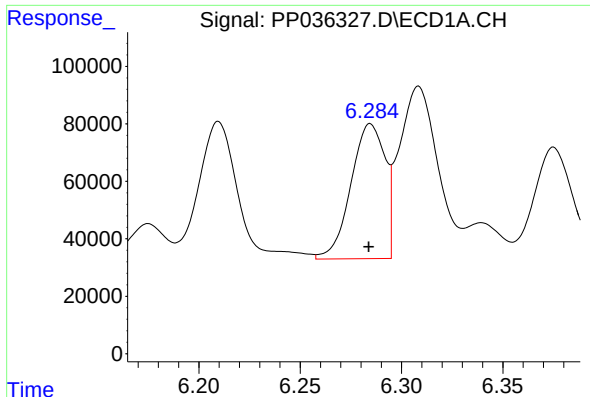
#20 AR-1242-5

R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 636241
Conc: 667.41 ng/ml



#20 AR-1242-5

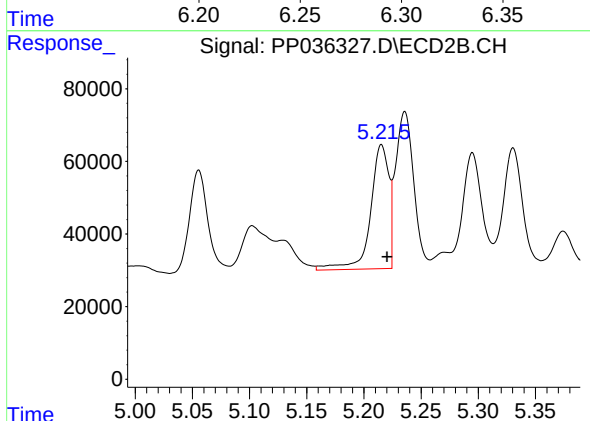
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 685928
Conc: 1059.95 ng/ml



#21 AR-1248-1

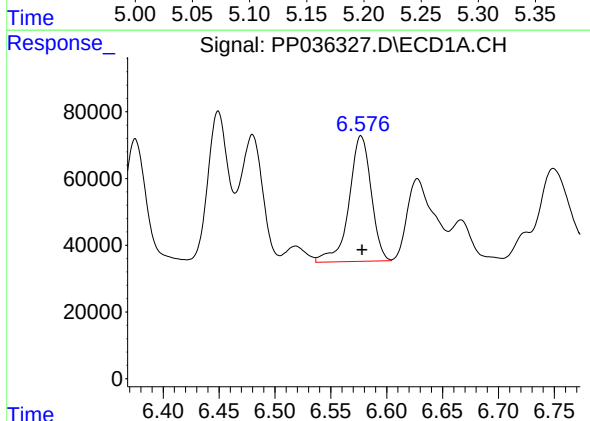
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 549448
Conc: 590.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



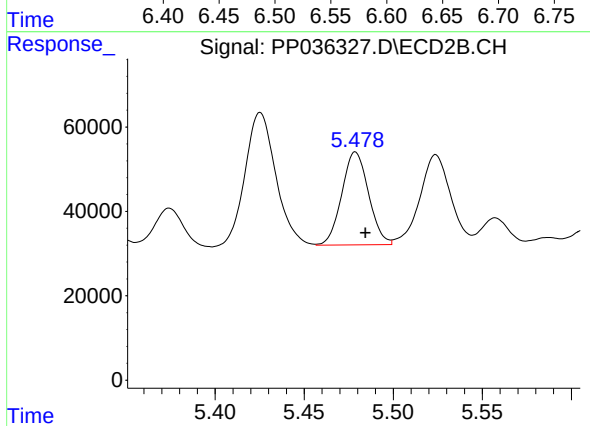
#21 AR-1248-1

R.T.: 5.215 min
Delta R.T.: -0.005 min
Response: 381304
Conc: 710.78 ng/ml



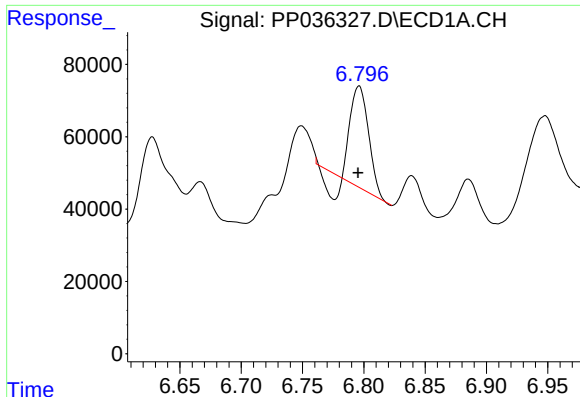
#22 AR-1248-2

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 518116
Conc: 433.36 ng/ml



#22 AR-1248-2

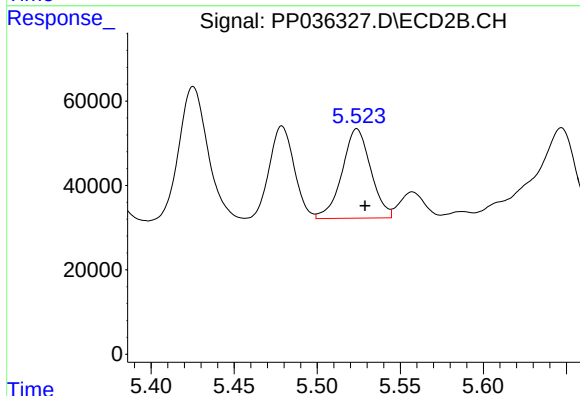
R.T.: 5.479 min
Delta R.T.: -0.006 min
Response: 230450
Conc: 330.24 ng/ml



#23 AR-1248-3

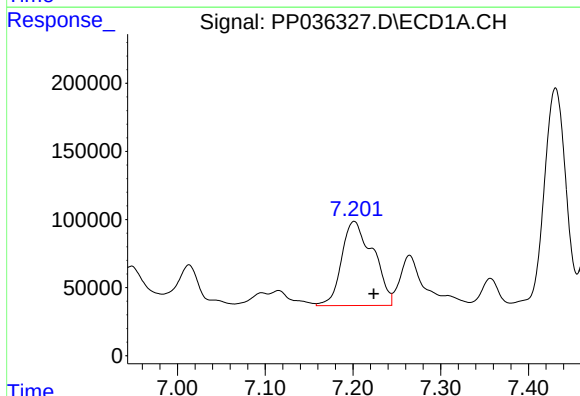
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 259819
Conc: 179.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



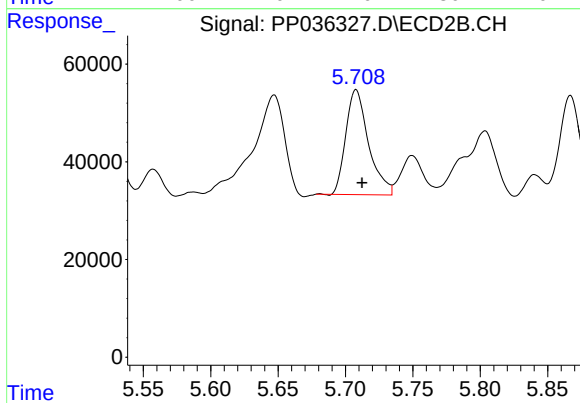
#23 AR-1248-3

R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 254490
Conc: 353.60 ng/ml



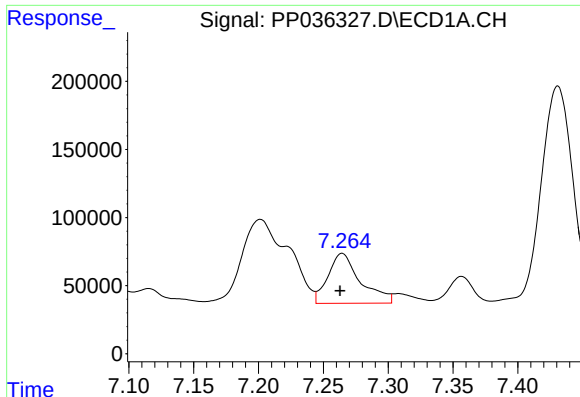
#24 AR-1248-4

R.T.: 7.201 min
Delta R.T.: -0.022 min
Response: 1546636
Conc: 971.15 ng/ml



#24 AR-1248-4

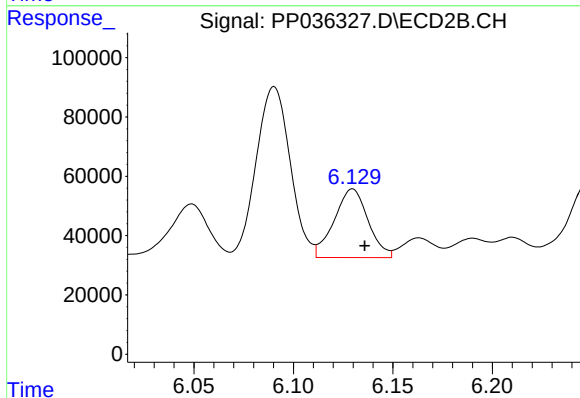
R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 253881
Conc: 287.46 ng/ml



#25 AR-1248-5

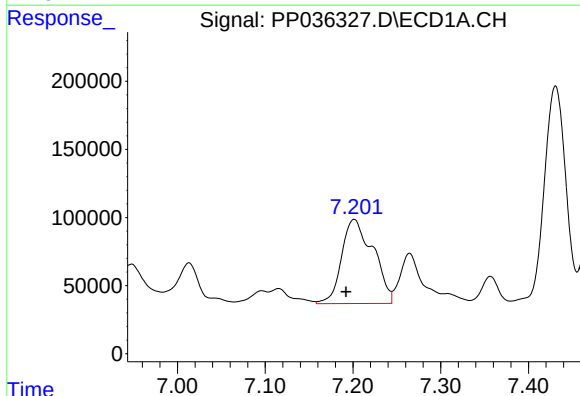
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 636241
Conc: 407.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



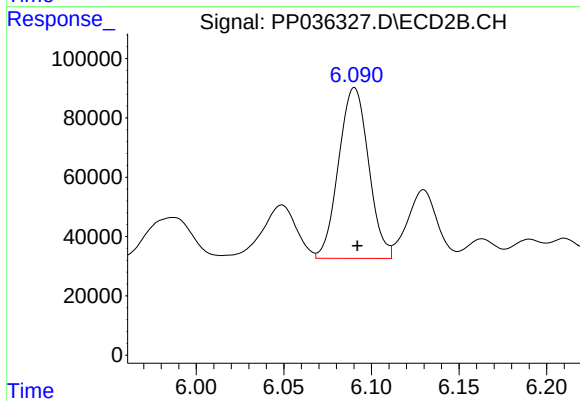
#25 AR-1248-5

R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 275059
Conc: 312.79 ng/ml



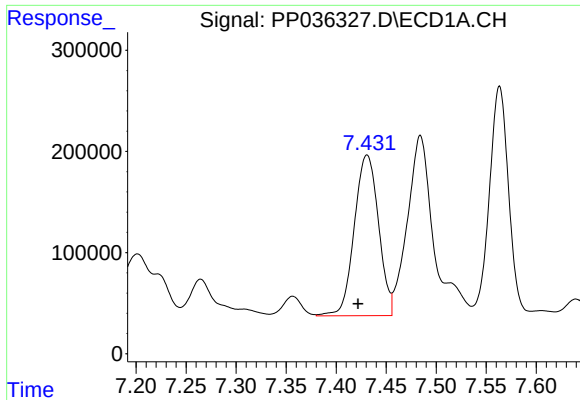
#26 AR-1254-1

R.T.: 7.201 min
Delta R.T.: 0.009 min
Response: 1546636
Conc: 954.64 ng/ml



#26 AR-1254-1

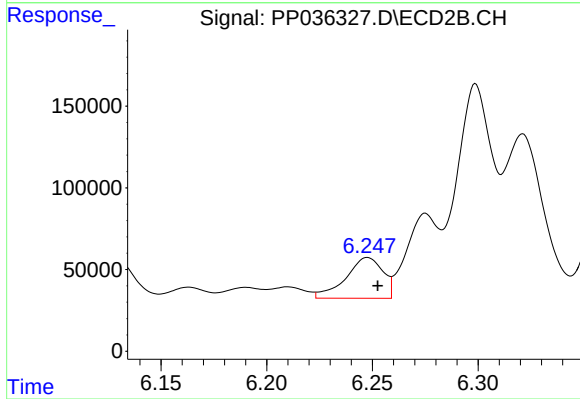
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 685928
Conc: 524.90 ng/ml



#27 AR-1254-2

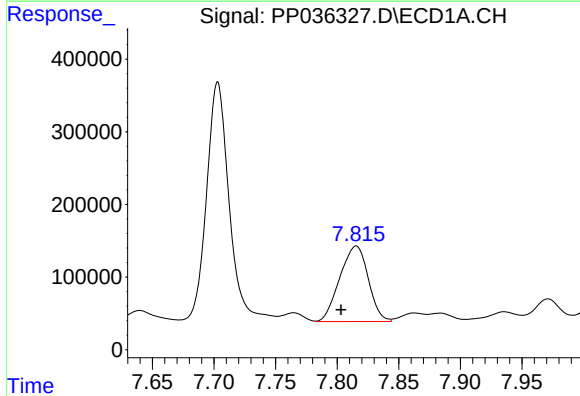
R.T.: 7.431 min
Delta R.T.: 0.009 min
Response: 2683836
Conc: 1089.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



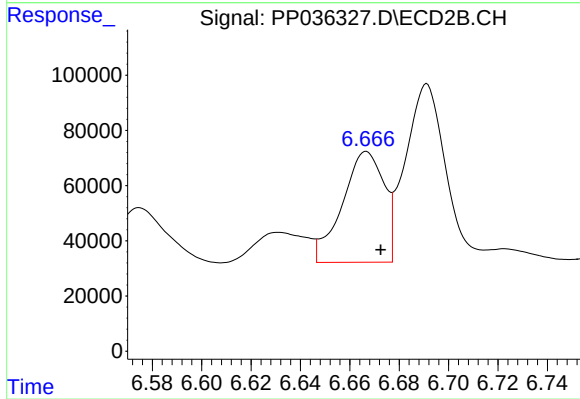
#27 AR-1254-2

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 304694
Conc: 264.26 ng/ml



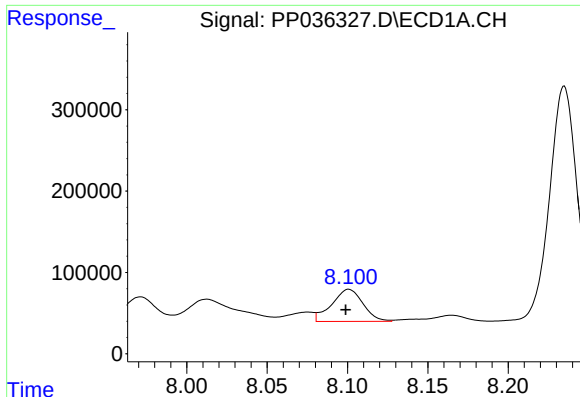
#28 AR-1254-3

R.T.: 7.815 min
Delta R.T.: 0.012 min
Response: 1669465
Conc: 632.84 ng/ml



#28 AR-1254-3

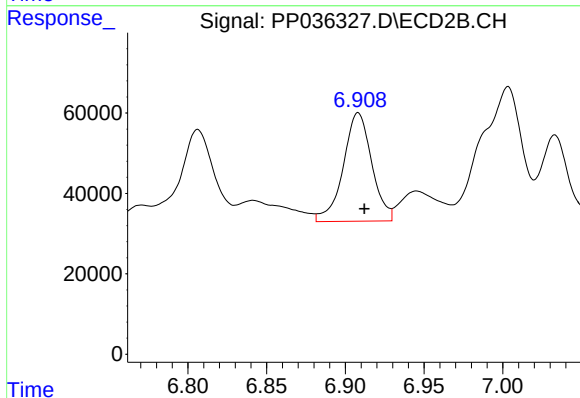
R.T.: 6.667 min
Delta R.T.: -0.006 min
Response: 471166
Conc: 247.46 ng/ml



#29 AR-1254-4

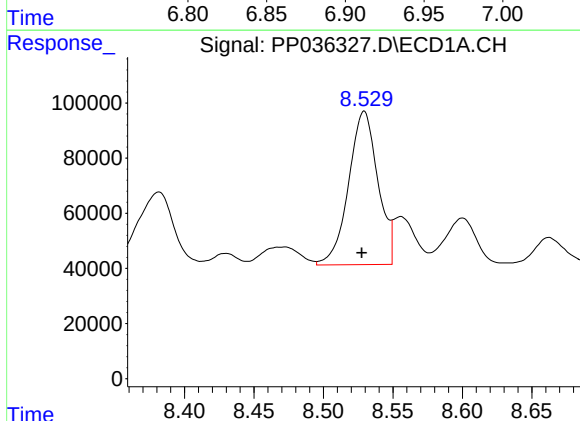
R.T.: 8.101 min
Delta R.T.: 0.002 min
Response: 535418
Conc: 265.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



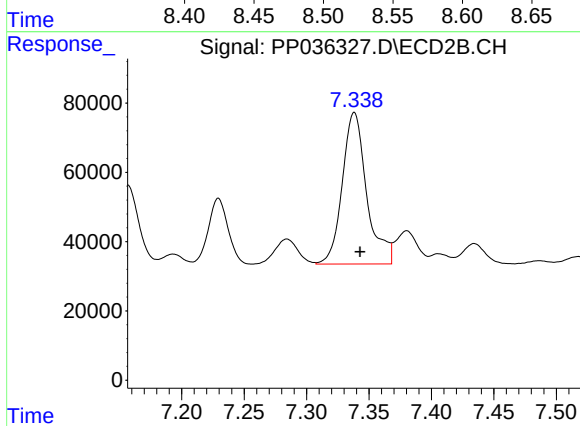
#29 AR-1254-4

R.T.: 6.908 min
Delta R.T.: -0.004 min
Response: 340684
Conc: 285.32 ng/ml



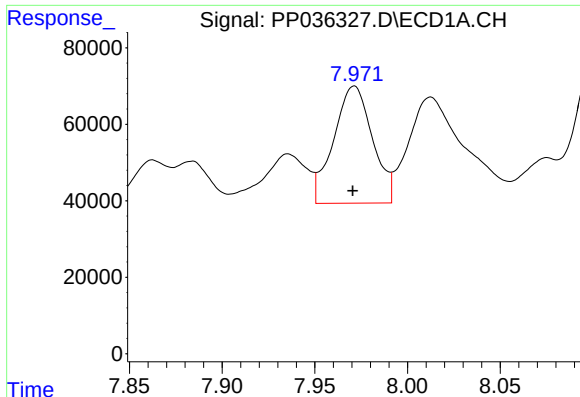
#30 AR-1254-5

R.T.: 8.529 min
Delta R.T.: 0.002 min
Response: 817987
Conc: 360.49 ng/ml



#30 AR-1254-5

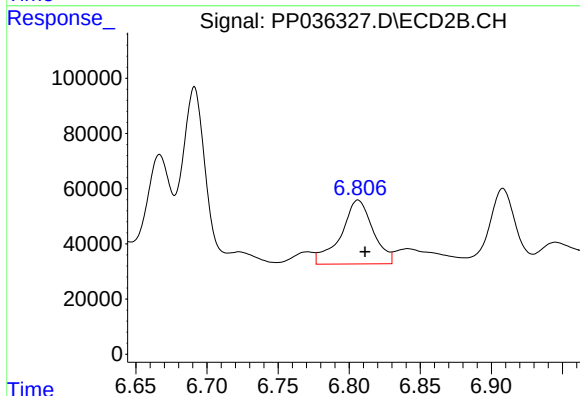
R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 596248
Conc: 349.48 ng/ml



#31 AR-1260-1

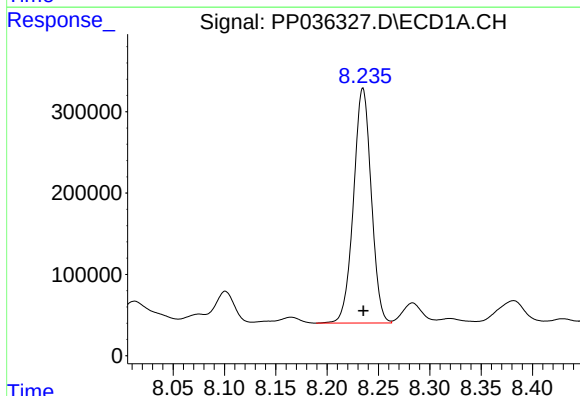
R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 446881
Conc: 220.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



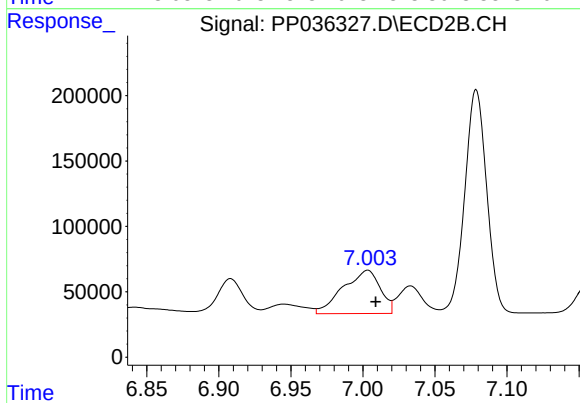
#31 AR-1260-1

R.T.: 6.806 min
Delta R.T.: -0.005 min
Response: 363774
Conc: 291.56 ng/ml



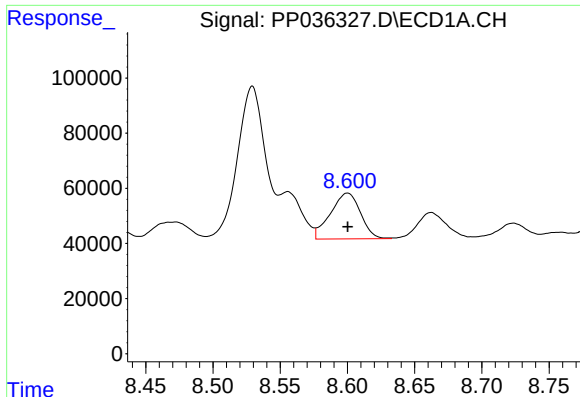
#32 AR-1260-2

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 3469705
Conc: 1420.28 ng/ml



#32 AR-1260-2

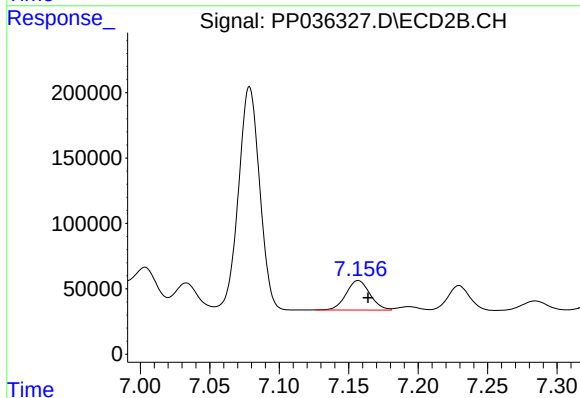
R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 592299
Conc: 393.04 ng/ml



#33 AR-1260-3

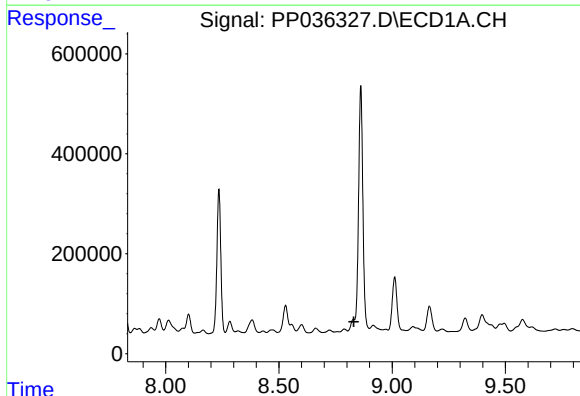
R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 257446
Conc: 138.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



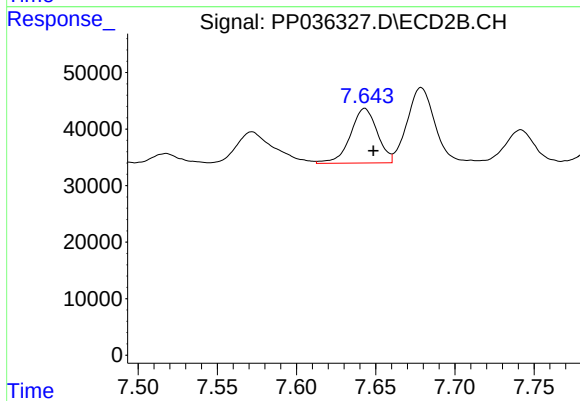
#33 AR-1260-3

R.T.: 7.157 min
Delta R.T.: -0.007 min
Response: 268672
Conc: 191.17 ng/ml



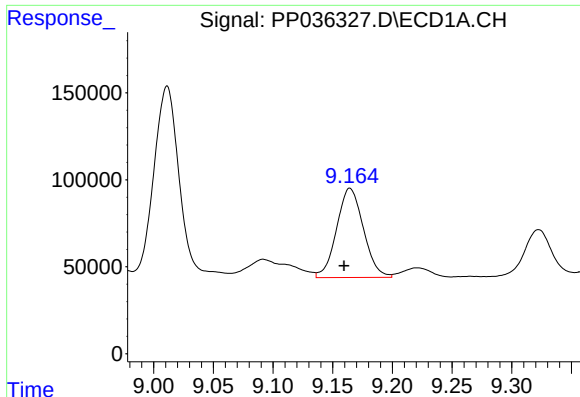
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.831 min
Response: 0
Conc: N.D.



#34 AR-1260-4

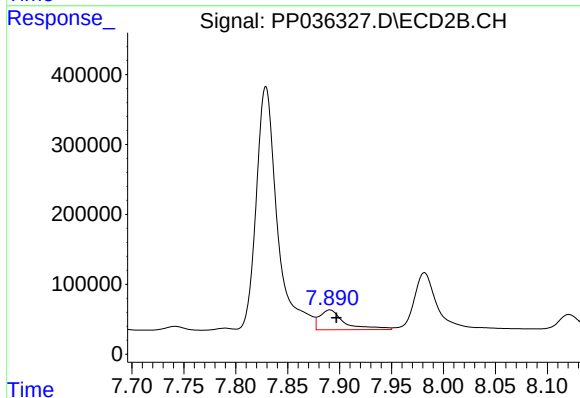
R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 114380
Conc: 97.83 ng/ml



#35 AR-1260-5

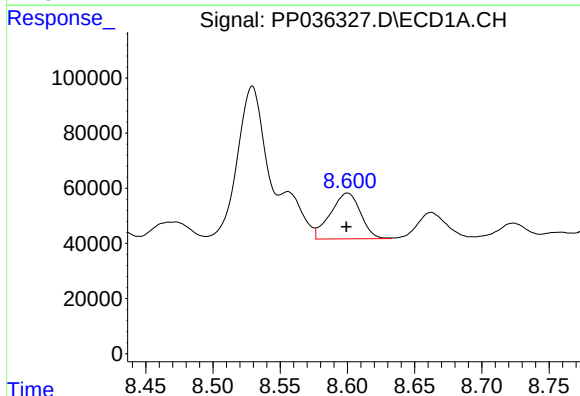
R.T.: 9.164 min
Delta R.T.: 0.005 min
Response: 803323
Conc: 188.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



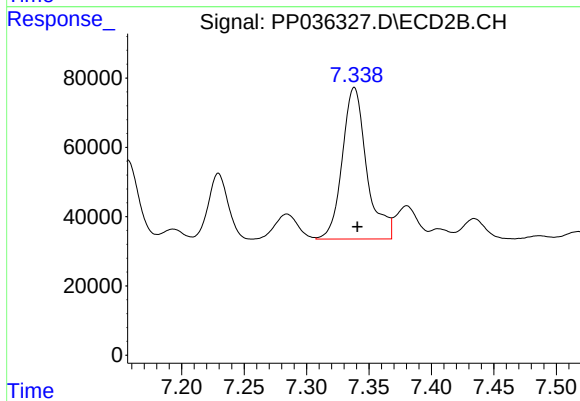
#35 AR-1260-5

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 474273
Conc: 171.33 ng/ml



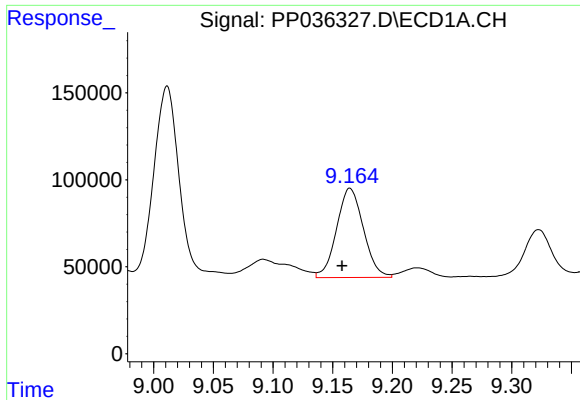
#36 AR-1262-1

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 257446
Conc: 102.14 ng/ml



#36 AR-1262-1

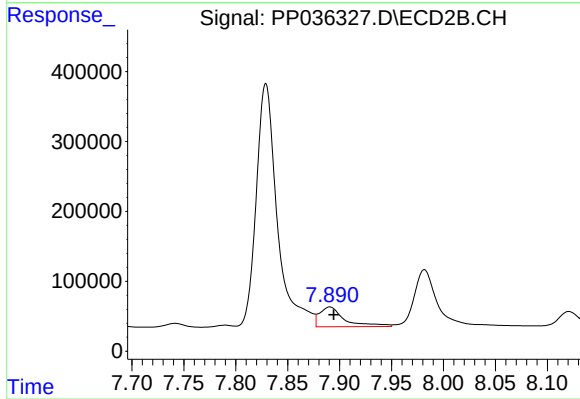
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 596248
Conc: 659.52 ng/ml



#37 AR-1262-2

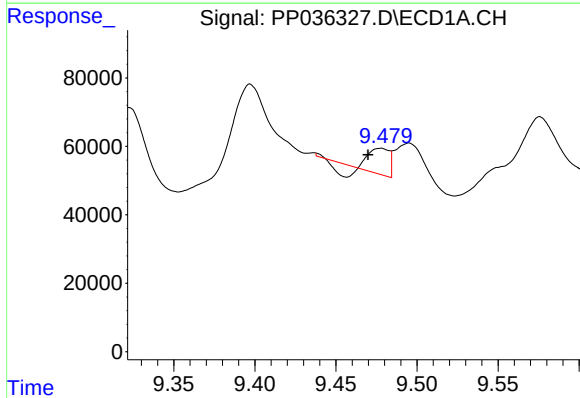
R.T.: 9.164 min
Delta R.T.: 0.007 min
Response: 803323
Conc: 178.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



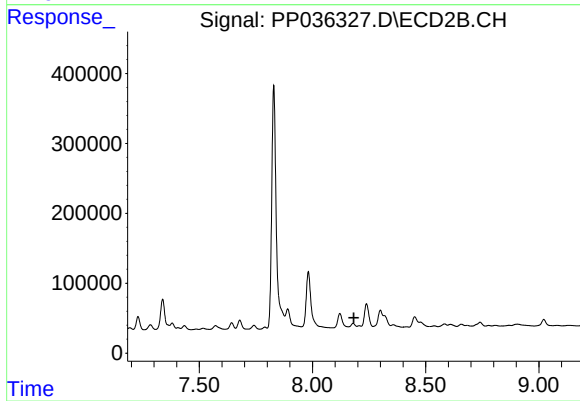
#37 AR-1262-2

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 474273
Conc: 159.30 ng/ml



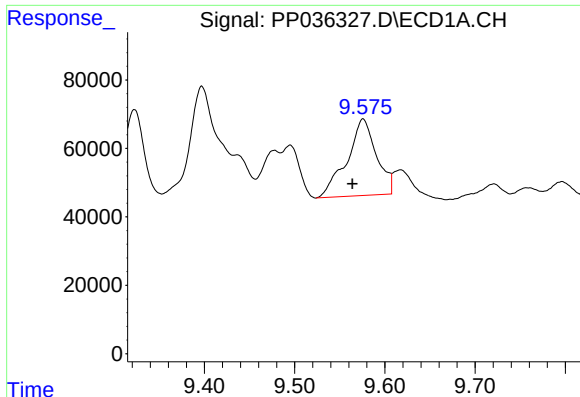
#38 AR-1262-3

R.T.: 9.478 min
Delta R.T.: 0.008 min
Response: 50040
Conc: 15.51 ng/ml



#38 AR-1262-3

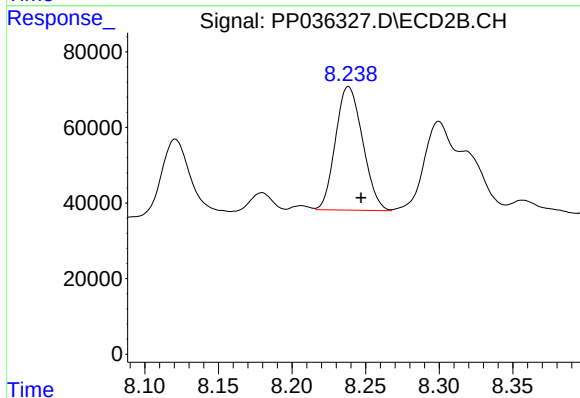
R.T.: 8.180 min
Delta R.T.: -0.003 min
Response: -3360
Conc: N.D.



#39 AR-1262-4

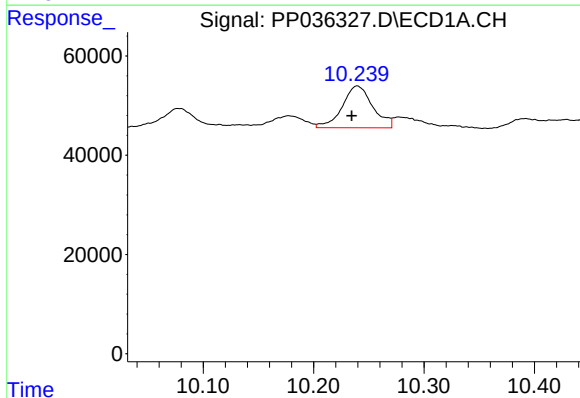
R.T.: 9.576 min
Delta R.T.: 0.012 min
Response: 507827
Conc: 189.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



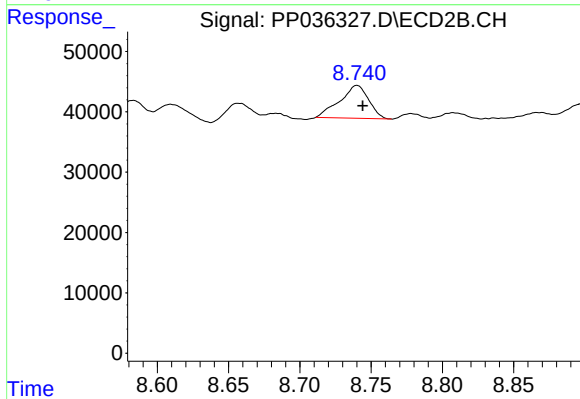
#39 AR-1262-4

R.T.: 8.238 min
Delta R.T.: -0.008 min
Response: 418794
Conc: 189.97 ng/ml



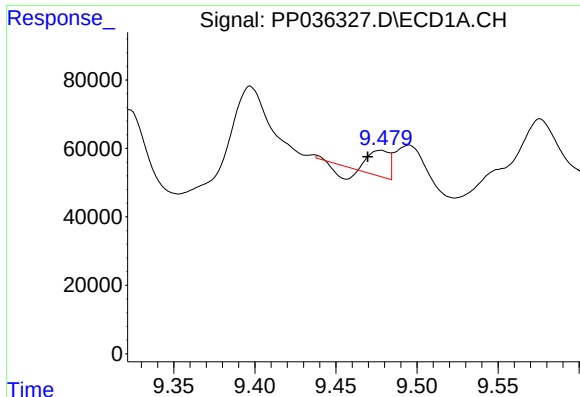
#40 AR-1262-5

R.T.: 10.240 min
Delta R.T.: 0.005 min
Response: 161823
Conc: 90.85 ng/ml



#40 AR-1262-5

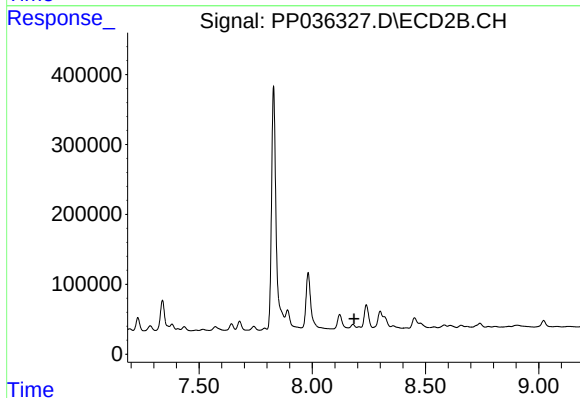
R.T.: 8.740 min
Delta R.T.: -0.004 min
Response: 76785
Conc: 75.49 ng/ml



#41 AR-1268-1

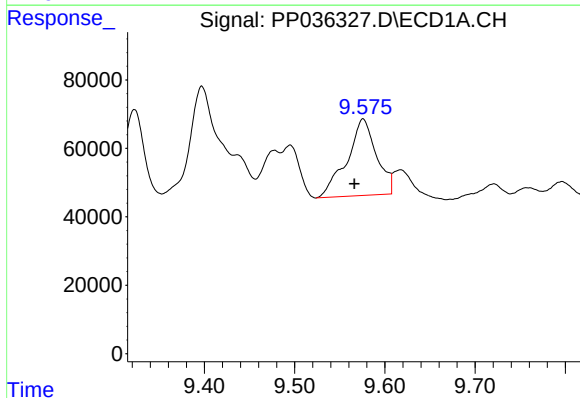
R.T.: 9.478 min
Delta R.T.: 0.008 min
Response: 50040
Conc: 9.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



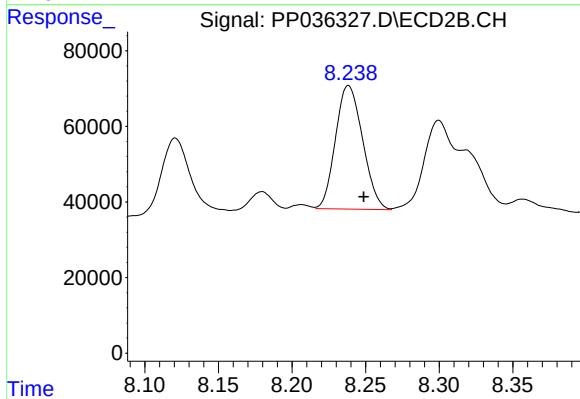
#41 AR-1268-1

R.T.: 8.180 min
Delta R.T.: -0.004 min
Response: -3360
Conc: N.D.



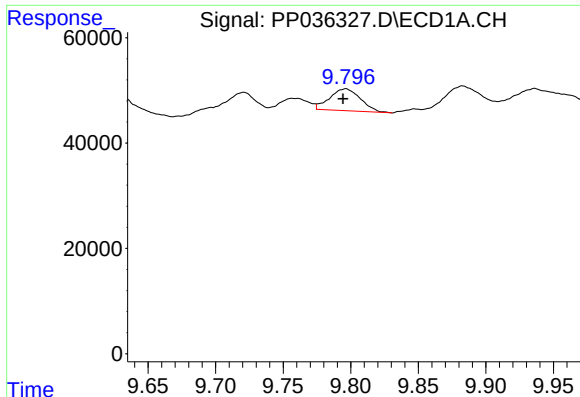
#42 AR-1268-2

R.T.: 9.576 min
Delta R.T.: 0.010 min
Response: 507827
Conc: 101.60 ng/ml



#42 AR-1268-2

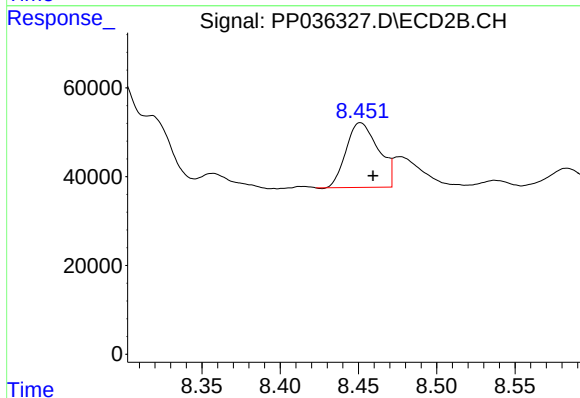
R.T.: 8.238 min
Delta R.T.: -0.010 min
Response: 418794
Conc: 135.60 ng/ml



#43 AR-1268-3

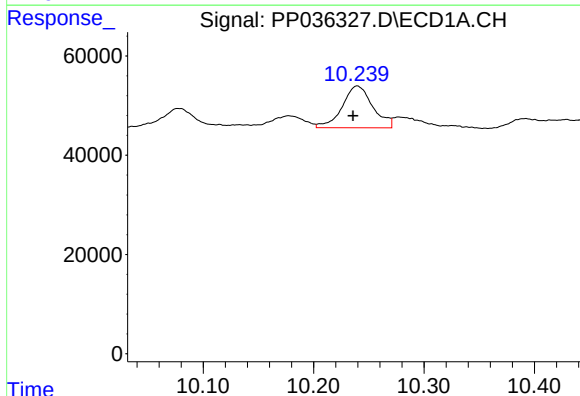
R.T.: 9.796 min
Delta R.T.: 0.002 min
Response: 66180
Conc: 15.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



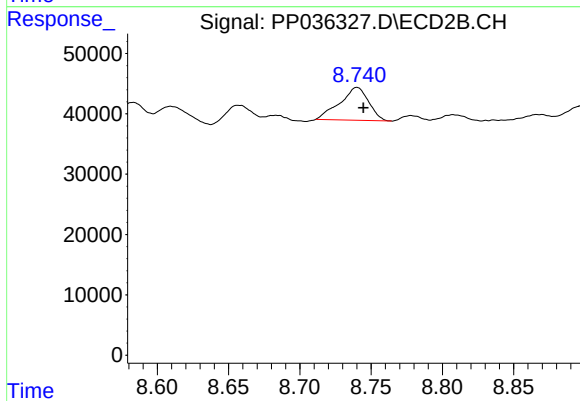
#43 AR-1268-3

R.T.: 8.451 min
Delta R.T.: -0.008 min
Response: 208731
Conc: 81.11 ng/ml



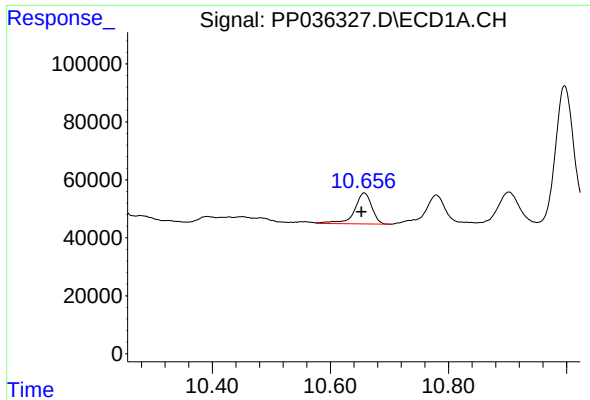
#44 AR-1268-4

R.T.: 10.240 min
Delta R.T.: 0.004 min
Response: 161823
Conc: 82.93 ng/ml



#44 AR-1268-4

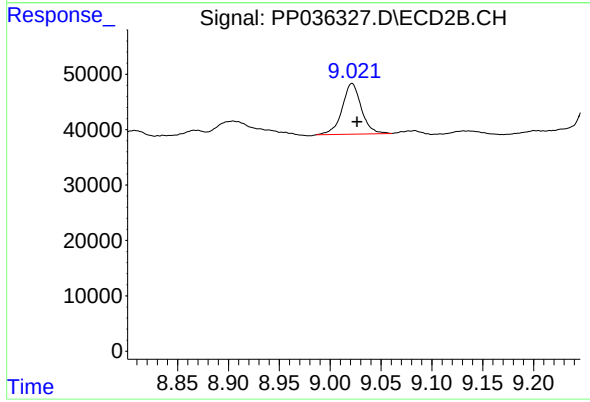
R.T.: 8.740 min
Delta R.T.: -0.005 min
Response: 76785
Conc: 69.69 ng/ml



#45 AR-1268-5

R.T.: 10.657 min
Delta R.T.: 0.005 min
Response: 218774
Conc: 16.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.021 min
Delta R.T.: -0.005 min
Response: 120306
Conc: 14.09 ng/ml