

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050421.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 19:52
 Operator : YP\AJ
 Sample : P4214-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 28 00:18:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.872	7126510	47.900 ug/ml
Spiked Amount 50.000		Recovery =	95.80%
12) S 1-chlorooctadecane (S...	13.310	4931500	43.903 ug/ml
Spiked Amount 50.000		Recovery =	87.81%
Target Compounds			
7) T n-Hexadecane (C16)	10.107	317135	2.283 ug/ml
8) T n-Octadecane (C18)	11.551	792055	5.653 ug/ml
10) T n-Eicosane (C20)	12.863	676075	5.040 ug/ml
11) T n-Heneicosane (C21)	13.475	668464	5.087 ug/ml
13) T n-Docosane (C22)	14.055	2308103	17.725 ug/ml
14) T n-Tetracosane (C24)	15.158	337756	2.586 ug/ml
15) T n-Hexacosane (C26)	16.212	150308	1.175 ug/ml
16) T n-Octacosane (C28)	17.118	85393	0.663 ug/ml
17) T n-Tricontane (C30)	18.003	77709	0.581 ug/ml
18) T n-Dotriacontane (C32)	18.836	83875	0.629 ug/ml
19) T n-Tetratriacontane (C34)	19.618	50734	0.411 ug/ml
20) T n-Hexatriacontane (C36)	20.362	52447	0.473 ug/ml
21) T n-Octatriacontane (C38)	21.137	135753	1.231 ug/ml

(f)=RT Delta > 1/2 Window

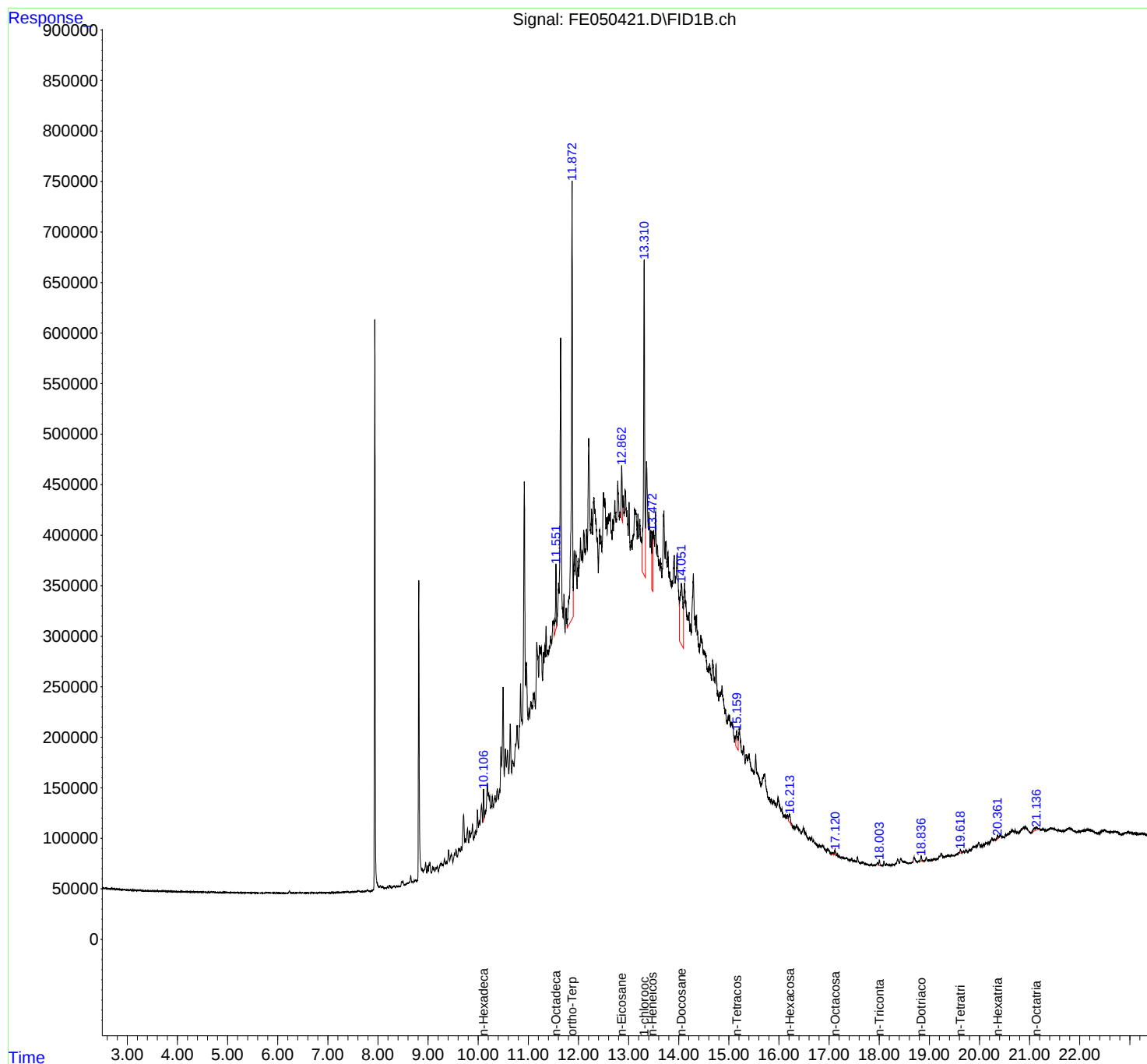
(m)=manual int.

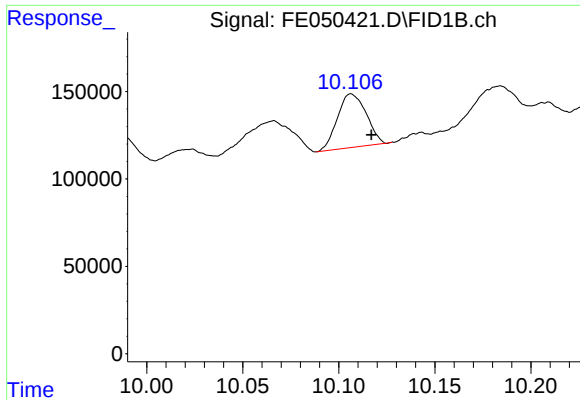
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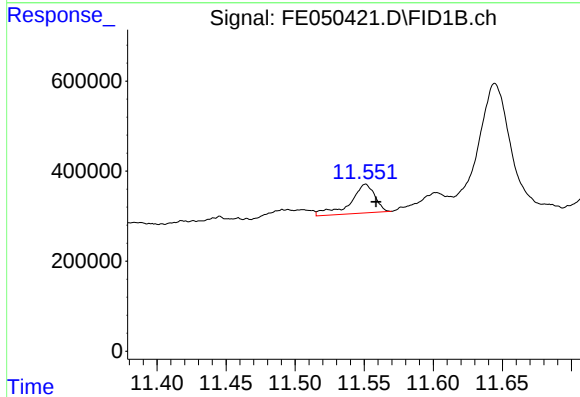




#7 n-Hexadecane (C16)

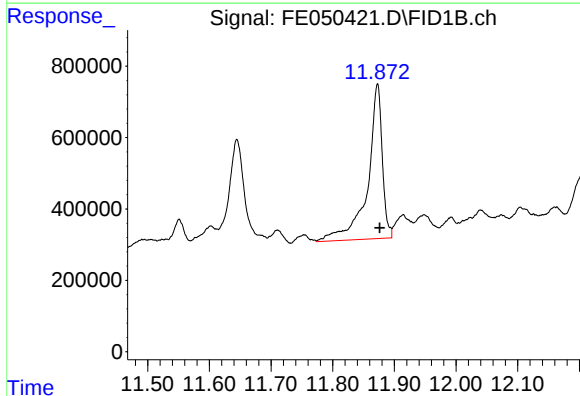
R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 317135
Conc: 2.28 ug/ml

Instrument :
FID_E
ClientSampleId :



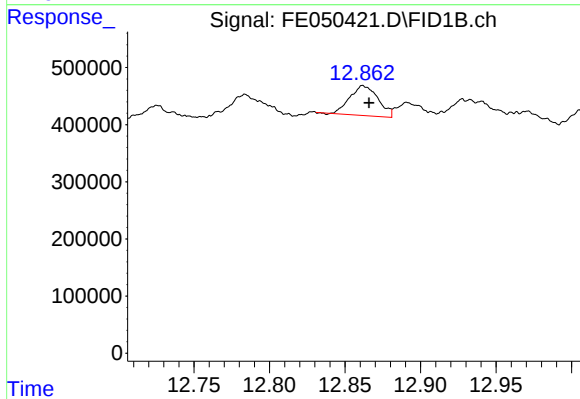
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.007 min
Response: 792055
Conc: 5.65 ug/ml



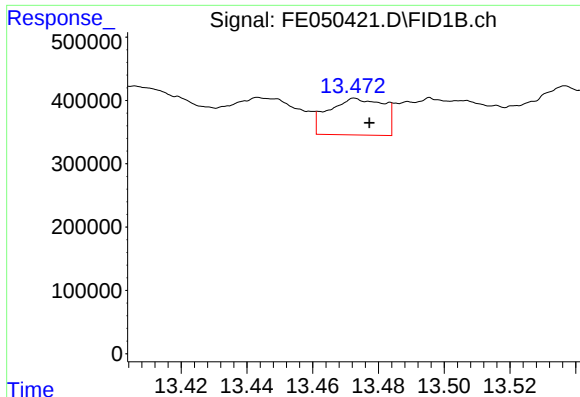
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: -0.004 min
Response: 7126510
Conc: 47.90 ug/ml



#10 n-Eicosane (C20)

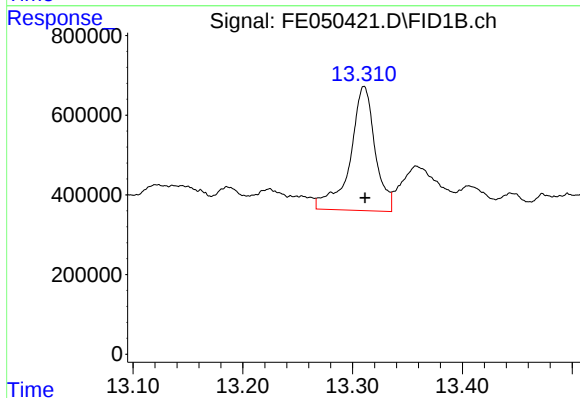
R.T.: 12.863 min
Delta R.T.: -0.003 min
Response: 676075
Conc: 5.04 ug/ml



#11 n-Heneicosane (C21)

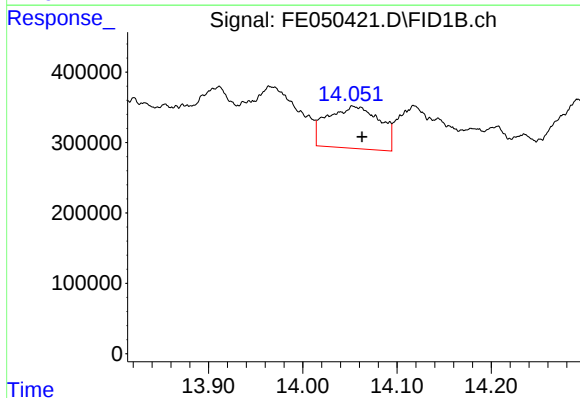
R.T.: 13.475 min
Delta R.T.: -0.003 min
Response: 668464
Conc: 5.09 ug/ml

Instrument :
FID_E
ClientSampleId :



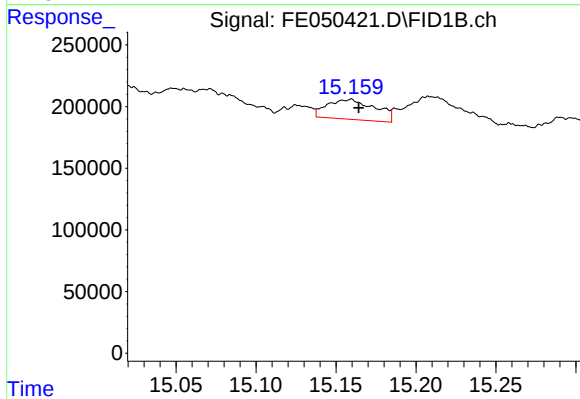
#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.001 min
Response: 4931500
Conc: 43.90 ug/ml



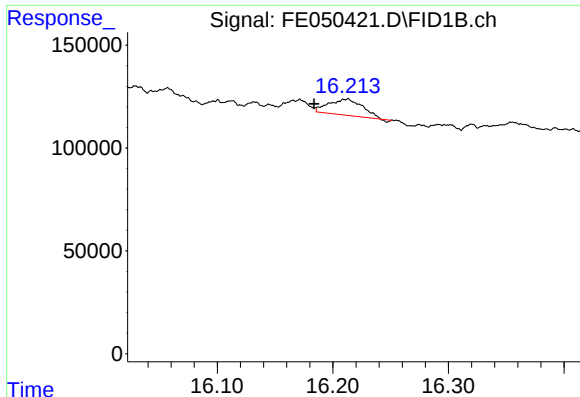
#13 n-Docosane (C22)

R.T.: 14.055 min
Delta R.T.: -0.008 min
Response: 2308103
Conc: 17.73 ug/ml



#14 n-Tetracosane (C24)

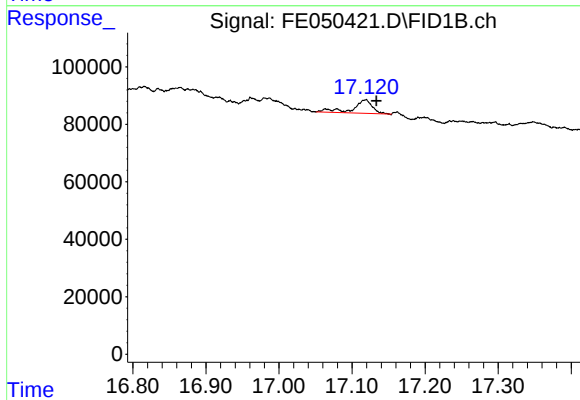
R.T.: 15.158 min
Delta R.T.: -0.006 min
Response: 337756
Conc: 2.59 ug/ml



#15 n-Hexacosane (C26)

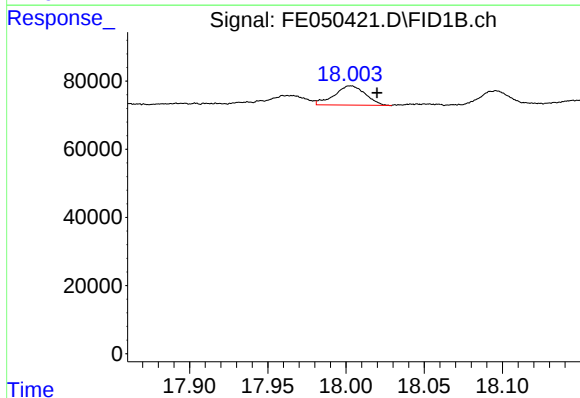
R.T.: 16.212 min
Delta R.T.: 0.028 min
Response: 150308
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



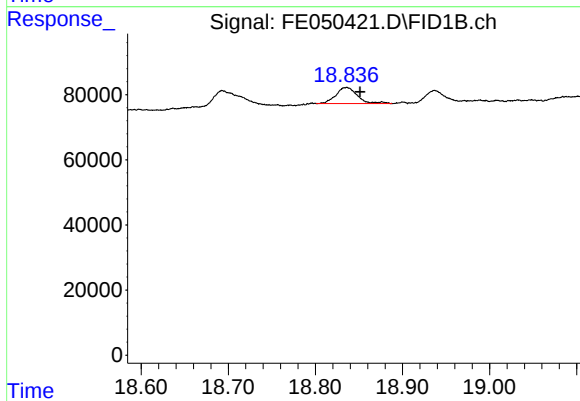
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.015 min
Response: 85393
Conc: 0.66 ug/ml



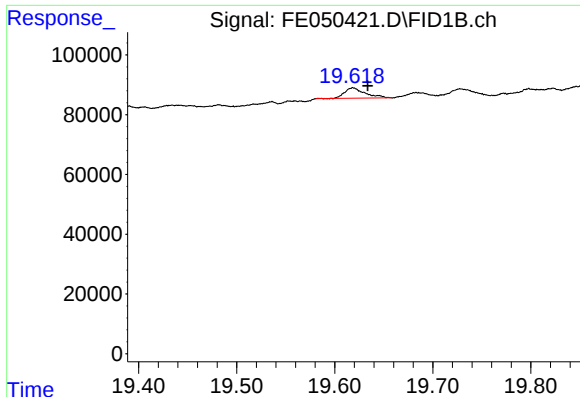
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.017 min
Response: 77709
Conc: 0.58 ug/ml



#18 n-Dotriacontane (C32)

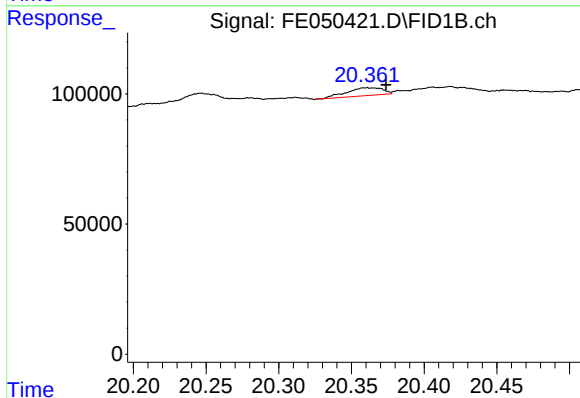
R.T.: 18.836 min
Delta R.T.: -0.016 min
Response: 83875
Conc: 0.63 ug/ml



#19 n-Tetratriacontane (C34)

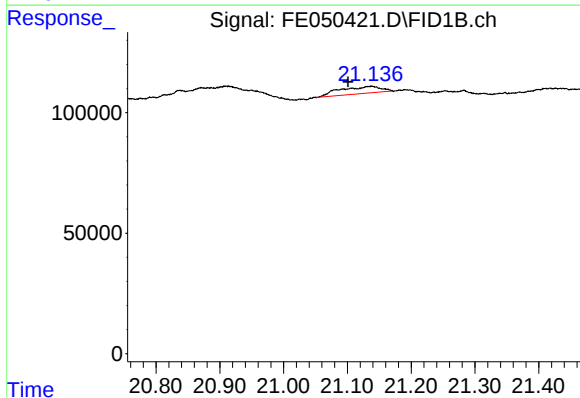
R.T.: 19.618 min
Delta R.T.: -0.015 min
Response: 50734
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.012 min
Response: 52447
Conc: 0.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: 0.036 min
Response: 135753
Conc: 1.23 ug/ml