

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046176.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 18:37
 Operator : YP/AJ
 Sample : 03660-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 23:24:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 2023
 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)	11.404	4830245	27.704 ug/ml
Spiked Amount 50.000		Recovery =	55.41%
12) S 1-chlorooctadecane (S...	12.838	3471257	28.849 ug/ml
Spiked Amount 50.000		Recovery =	57.70%
Target Compounds			
6) T n-Tetradecane (C14)	8.125	257109	1.616 ug/ml
8) T n-Octadecane (C18)	11.096	106368	0.659 ug/ml
10) T n-Eicosane (C20)	12.396	39392	0.264 ug/ml
11) T n-Heneicosane (C21)	13.011	124130	0.860 ug/ml
13) T n-Docosane (C22)	13.587	47771	0.342 ug/ml
14) T n-Tetracosane (C24)	14.631f	269568	1.958 ug/ml
15) T n-Hexacosane (C26)	15.697	161566	1.264 ug/ml
16) T n-Octacosane (C28)	16.646	152221	1.250 ug/ml
17) T n-Tricontane (C30)	17.511	590947	4.775 ug/ml
18) T n-Dotriacontane (C32)	18.340	686545	5.623 ug/ml
19) T n-Tetratriacontane (C34)	19.139	1086227	8.490 ug/ml
20) T n-Hexatriacontane (C36)	19.905	2943821	25.705 ug/ml
21) T n-Octatriacontane (C38)	20.619f	2095844	18.616 ug/ml
22) T n-Tetracontane (C40)	21.387	104882	0.978 ug/ml

(f)=RT Delta > 1/2 Window

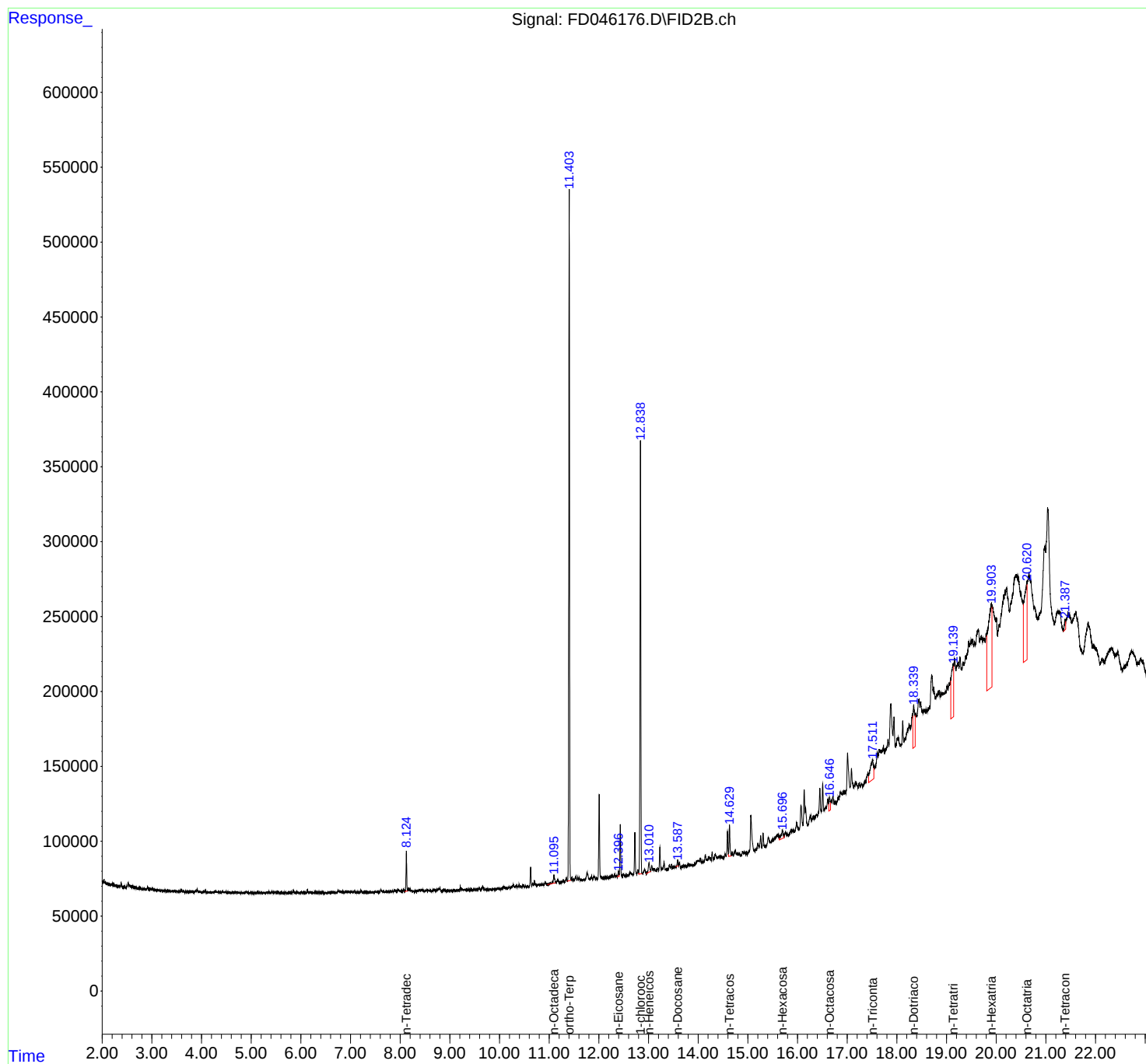
(m)=manual int.

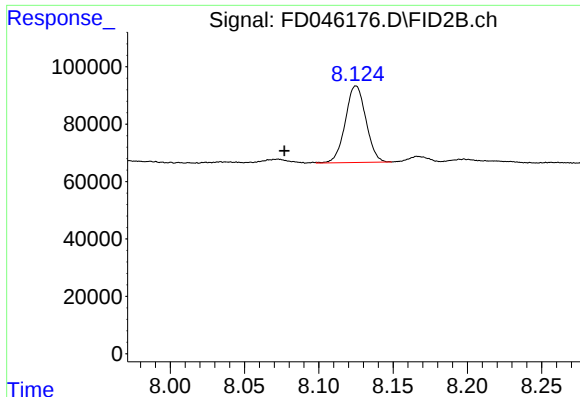
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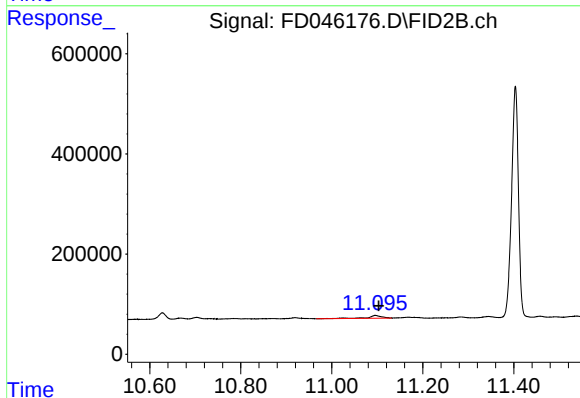




#6 n-Tetradecane (C14)

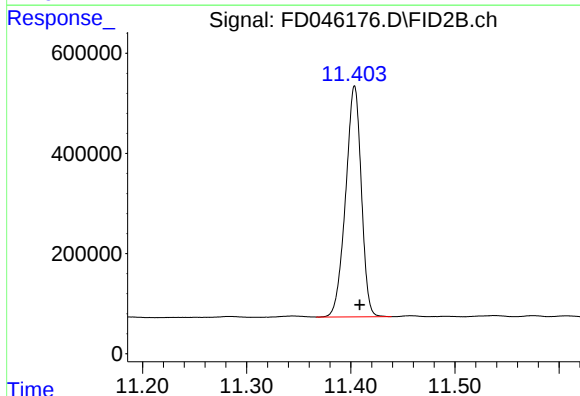
R.T.: 8.125 min
Delta R.T.: 0.048 min
Response: 257109
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :



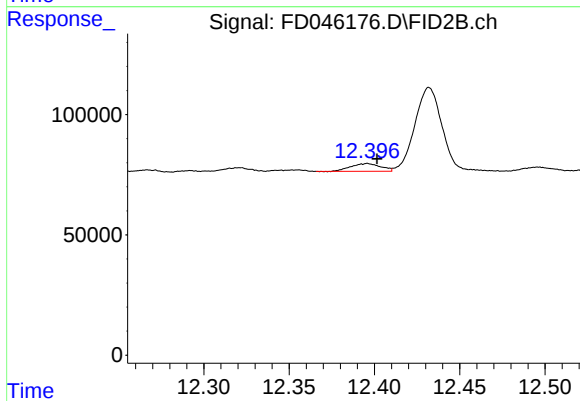
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: -0.008 min
Response: 106368
Conc: 0.66 ug/ml



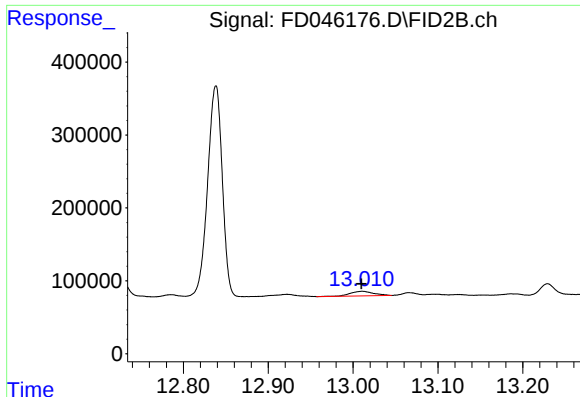
#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min
Delta R.T.: -0.005 min
Response: 4830245
Conc: 27.70 ug/ml



#10 n-Eicosane (C20)

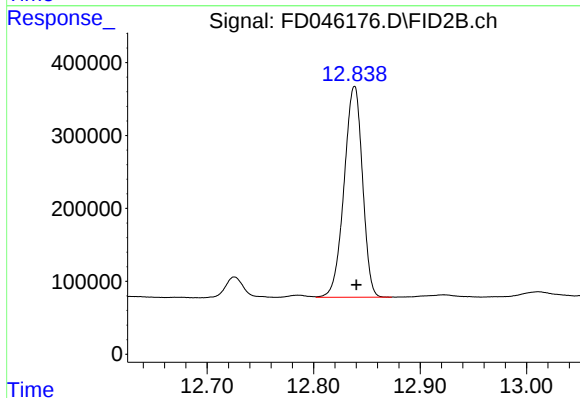
R.T.: 12.396 min
Delta R.T.: -0.006 min
Response: 39392
Conc: 0.26 ug/ml



#11 n-Heneicosane (C21)

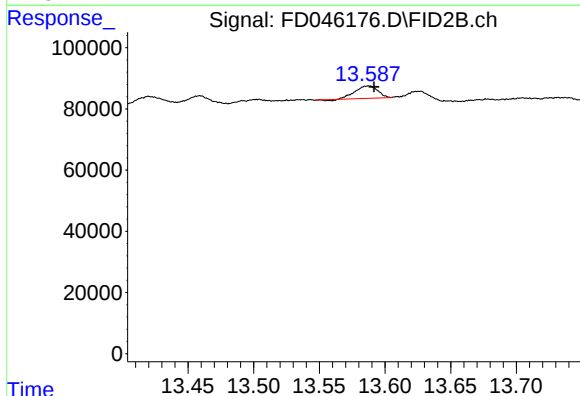
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 124130
Conc: 0.86 ug/ml

Instrument :
FID_D
ClientSampleId :



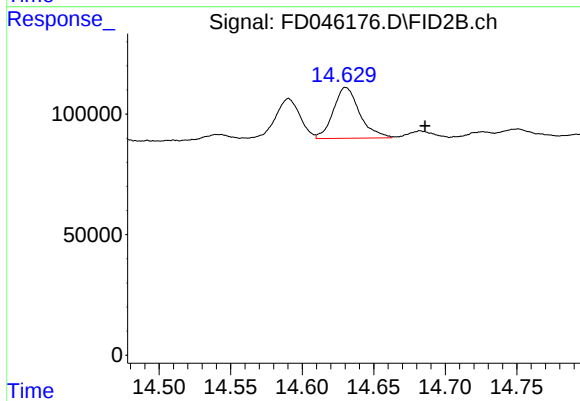
#12 1-chlorooctadecane (SURR)

R.T.: 12.838 min
Delta R.T.: -0.002 min
Response: 3471257
Conc: 28.85 ug/ml



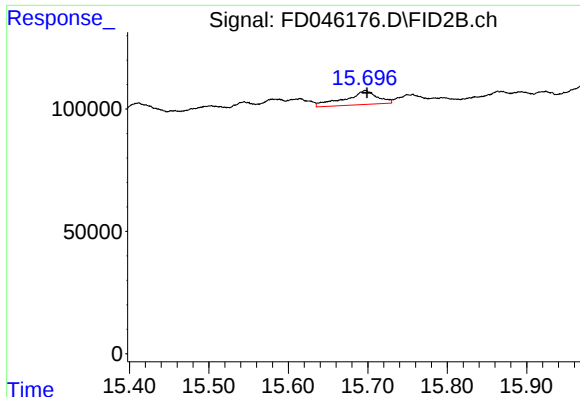
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: -0.004 min
Response: 47771
Conc: 0.34 ug/ml



#14 n-Tetracosane (C24)

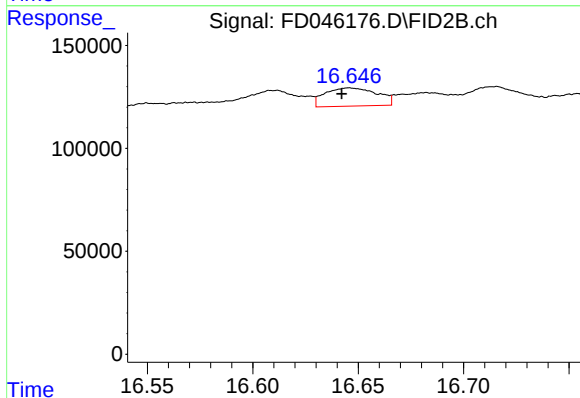
R.T.: 14.631 min
Delta R.T.: -0.055 min
Response: 269568
Conc: 1.96 ug/ml



#15 n-Hexacosane (C26)

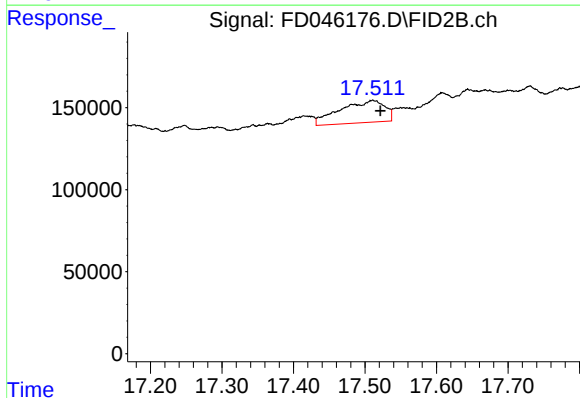
R.T.: 15.697 min
Delta R.T.: -0.002 min
Response: 161566
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



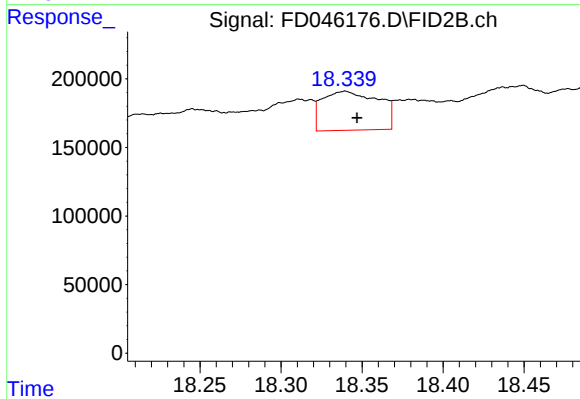
#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: 0.004 min
Response: 152221
Conc: 1.25 ug/ml



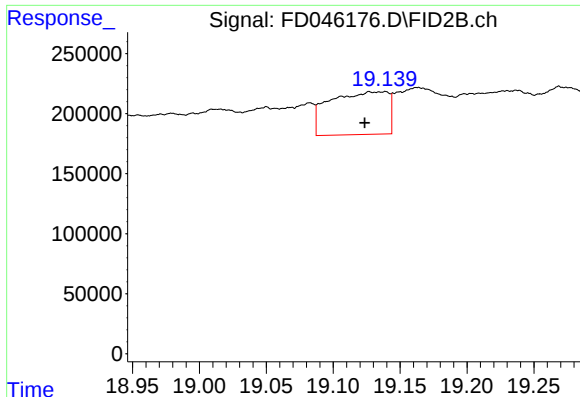
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: -0.011 min
Response: 590947
Conc: 4.77 ug/ml



#18 n-Dotriacontane (C32)

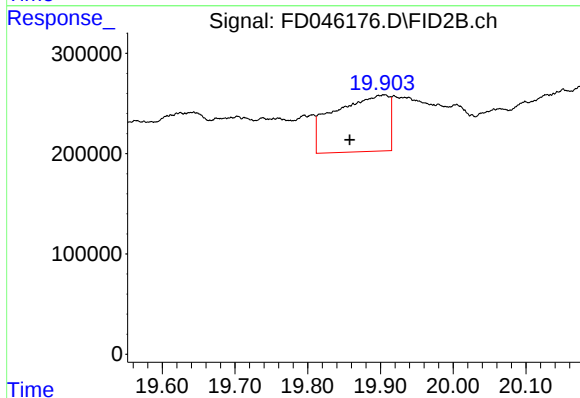
R.T.: 18.340 min
Delta R.T.: -0.007 min
Response: 686545
Conc: 5.62 ug/ml



#19 n-Tetratriacontane (C34)

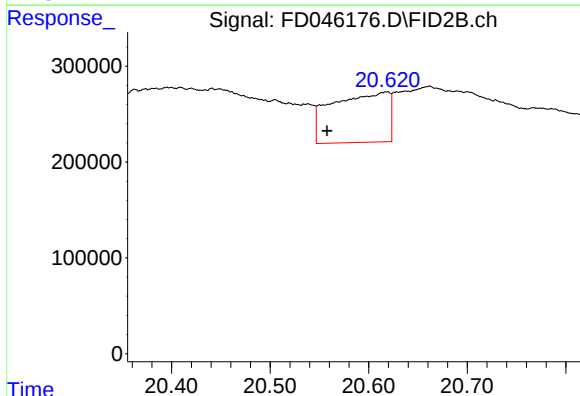
R.T.: 19.139 min
Delta R.T.: 0.015 min
Response: 1086227
Conc: 8.49 ug/ml

Instrument :
FID_D
ClientSampleId :



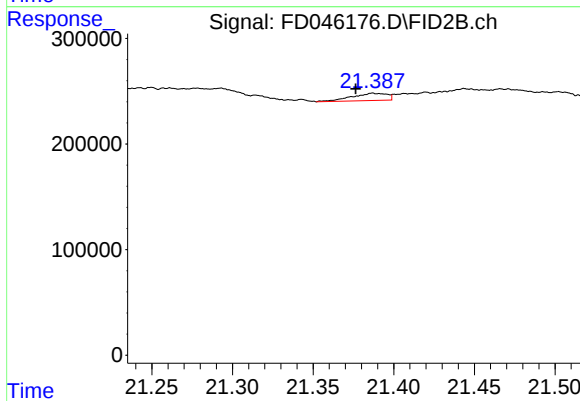
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: 0.048 min
Response: 2943821
Conc: 25.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: 0.061 min
Response: 2095844
Conc: 18.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: 0.011 min
Response: 104882
Conc: 0.98 ug/ml