

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092524AL\
 Data File : FE050347.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2024 13:57
 Operator : YP\AJ
 Sample : P4172-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 01:17:16 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)	11.866	3794808	25.506 ug/ml
Spiked Amount 50.000		Recovery =	51.01%
12) S 1-chlorooctadecane (S...	13.300	3186193	28.365 ug/ml
Spiked Amount 50.000		Recovery =	56.73%
Target Compounds			
8) T n-Octadecane (C18)	11.539	67104	0.479 ug/ml
10) T n-Eicosane (C20)	12.852	54490	0.406 ug/ml
13) T n-Docosane (C22)	14.050	36814	0.283 ug/ml
14) T n-Tetracosane (C24)	15.150	395092	3.025 ug/ml
16) T n-Octacosane (C28)	17.120	134376	1.043 ug/ml
17) T n-Tricontane (C30)	18.006	110722	0.828 ug/ml
18) T n-Dotriacontane (C32)	18.837	137059	1.029 ug/ml
19) T n-Tetratriacontane (C34)	19.620	59925	0.485 ug/ml
20) T n-Hexatriacontane (C36)	20.359	128294	1.156 ug/ml

(f)=RT Delta > 1/2 Window

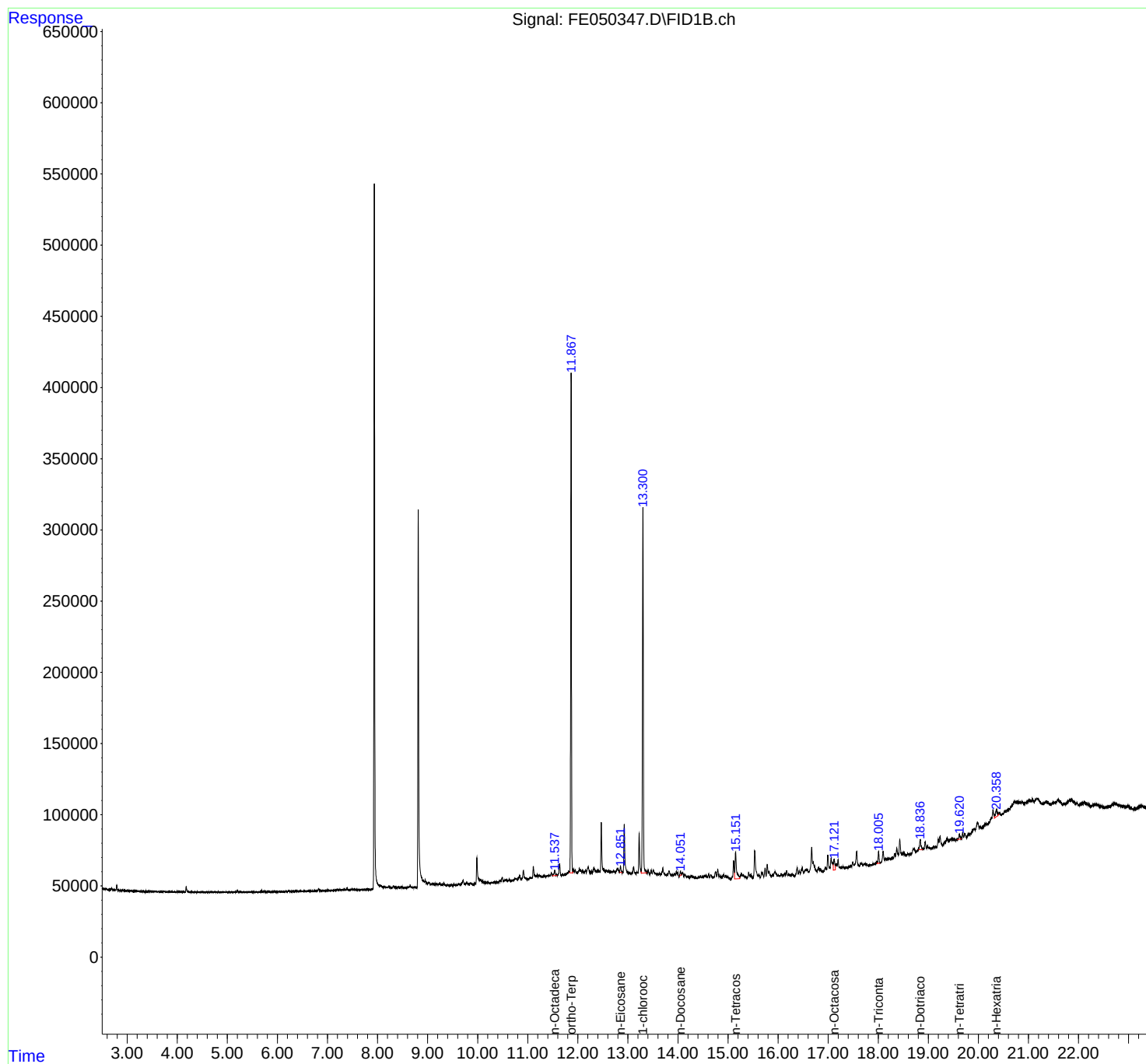
(m)=manual int.

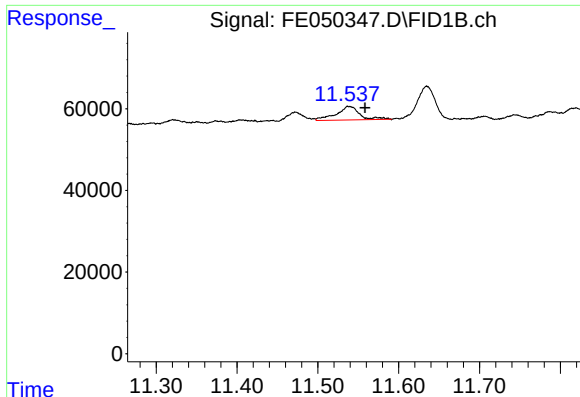
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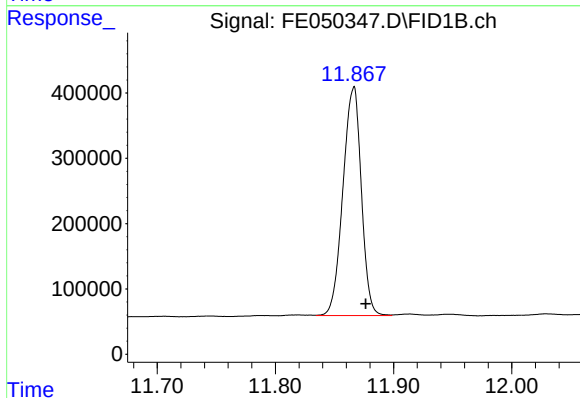




#8 n-Octadecane (C18)

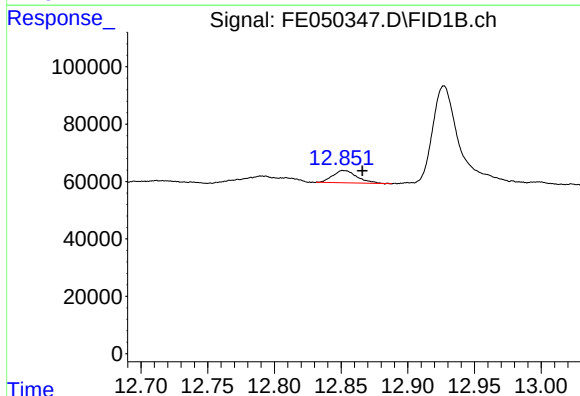
R.T.: 11.539 min
Delta R.T.: -0.019 min
Response: 67104
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



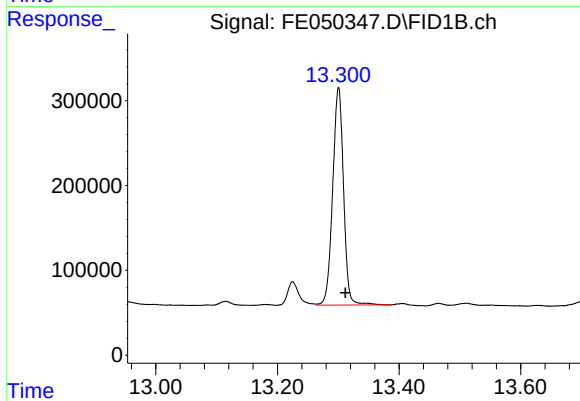
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.011 min
Response: 3794808
Conc: 25.51 ug/ml



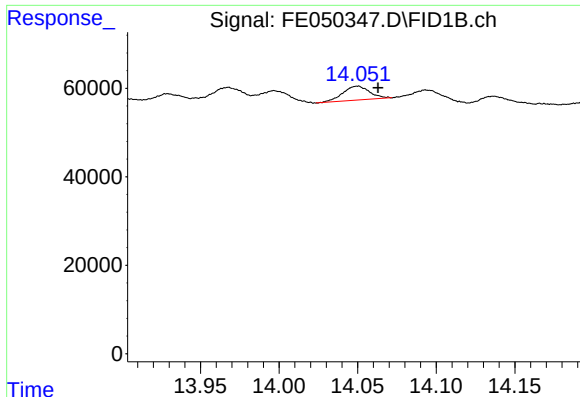
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.013 min
Response: 54490
Conc: 0.41 ug/ml



#12 1-chlorooctadecane (SURR)

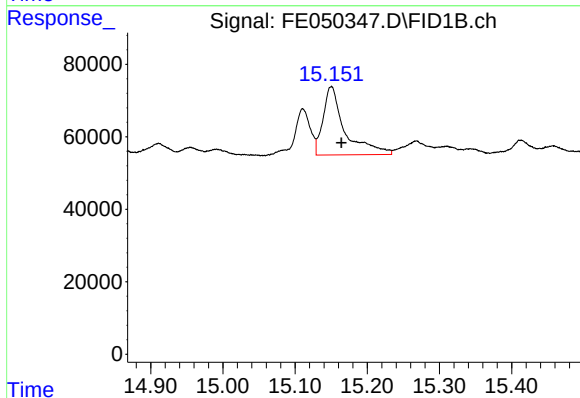
R.T.: 13.300 min
Delta R.T.: -0.011 min
Response: 3186193
Conc: 28.37 ug/ml



#13 n-Docosane (C22)

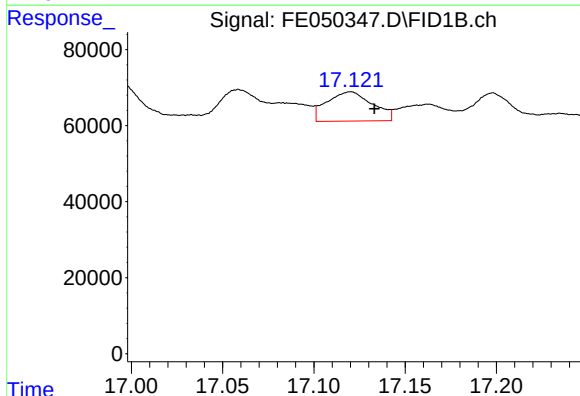
R.T.: 14.050 min
Delta R.T.: -0.013 min
Response: 36814
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



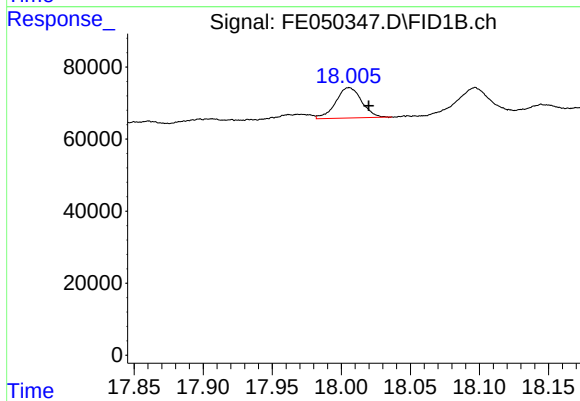
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.014 min
Response: 395092
Conc: 3.03 ug/ml



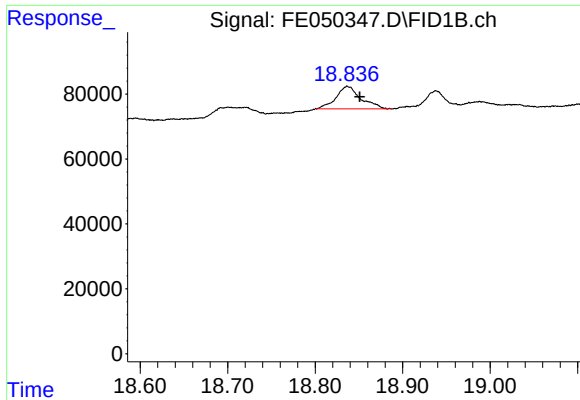
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.013 min
Response: 134376
Conc: 1.04 ug/ml



#17 n-Tricontane (C30)

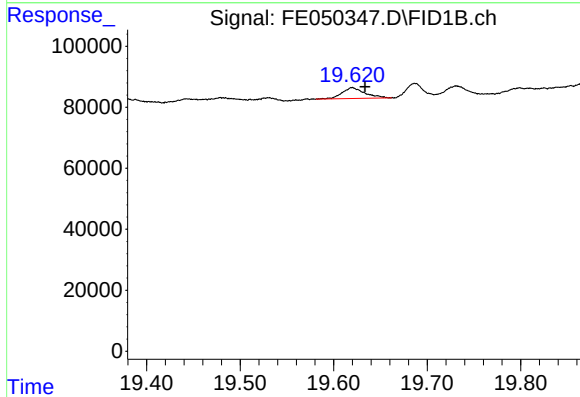
R.T.: 18.006 min
Delta R.T.: -0.014 min
Response: 110722
Conc: 0.83 ug/ml



#18 n-Dotriacontane (C32)

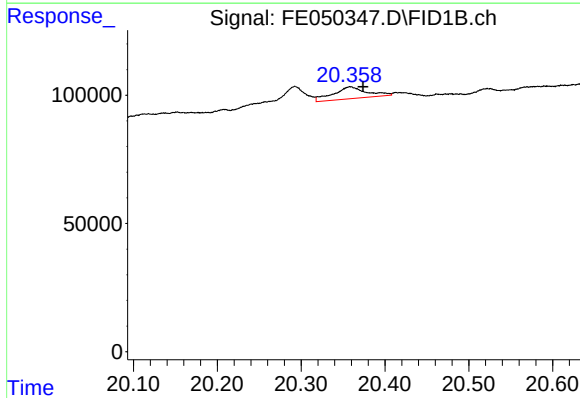
R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 137059
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.014 min
Response: 59925
Conc: 0.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.015 min
Response: 128294
Conc: 1.16 ug/ml