

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052471.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 17:20
 Operator : YP\AJ
 Sample : Q1411-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 00:28:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.919	6138063	32.836 ug/ml
Spiked Amount 50.000		Recovery =	65.67%
12) S 1-chlorooctadecane (S...	13.365	4995918	35.943 ug/ml
Spiked Amount 50.000		Recovery =	71.89%
Target Compounds			
7) T n-Hexadecane (C16)	10.152	141823	0.868 ug/ml
8) T n-Octadecane (C18)	11.601	87538	0.529 ug/ml
10) T n-Eicosane (C20)	12.916	151614	0.951 ug/ml
11) T n-Heneicosane (C21)	13.537	109073	0.696 ug/ml
13) T n-Docosane (C22)	14.120	147144	0.940 ug/ml
14) T n-Tetracosane (C24)	15.198	488366	3.105 ug/ml
15) T n-Hexacosane (C26)	16.254	118650	0.766 ug/ml
16) T n-Octacosane (C28)	17.206	282654	1.848 ug/ml
17) T n-Tricontane (C30)	18.095	396166	2.538 ug/ml
18) T n-Dotriacontane (C32)	18.930	118241	0.773 ug/ml
19) T n-Tetratriacontane (C34)	19.749	207764	1.460 ug/ml
20) T n-Hexatriacontane (C36)	20.464	81827	0.657 ug/ml

(f)=RT Delta > 1/2 Window

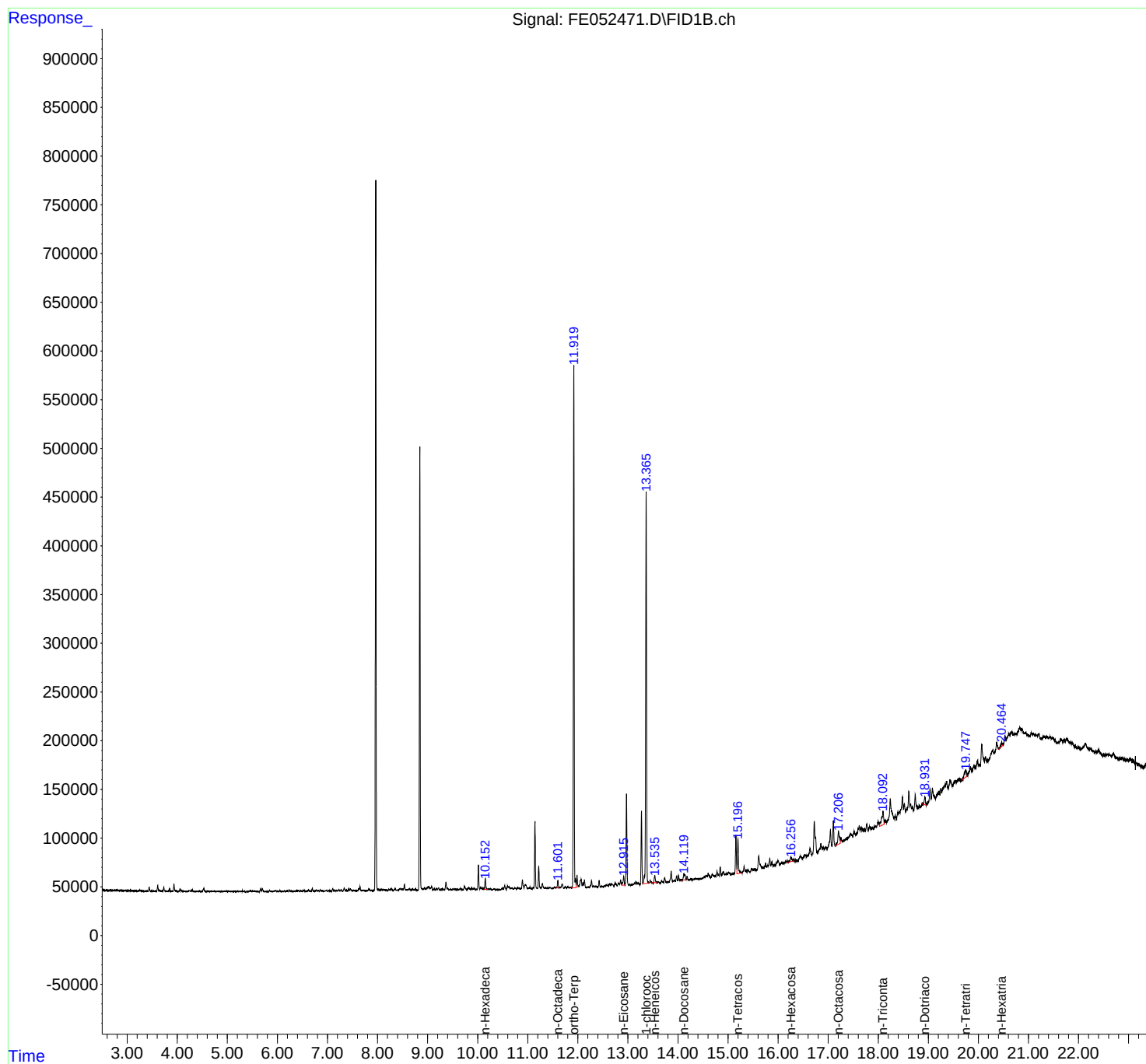
(m)=manual int.

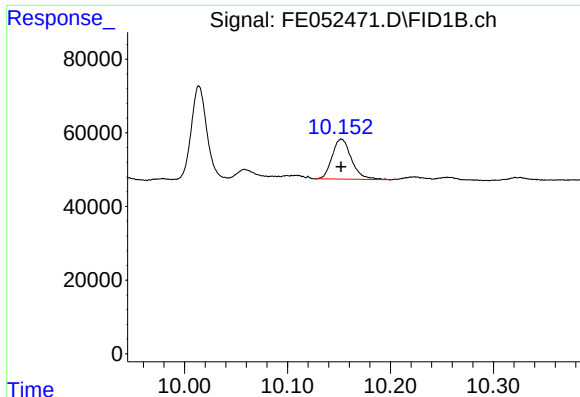
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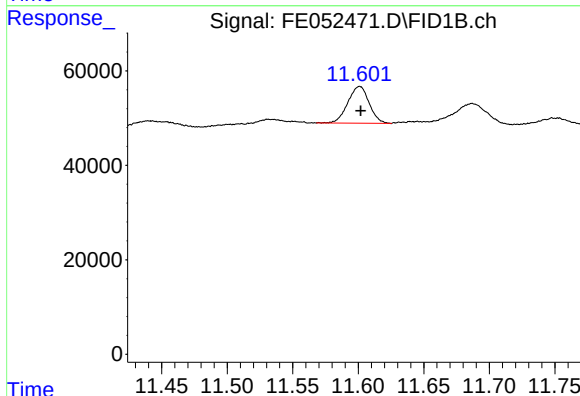




#7 n-Hexadecane (C16)

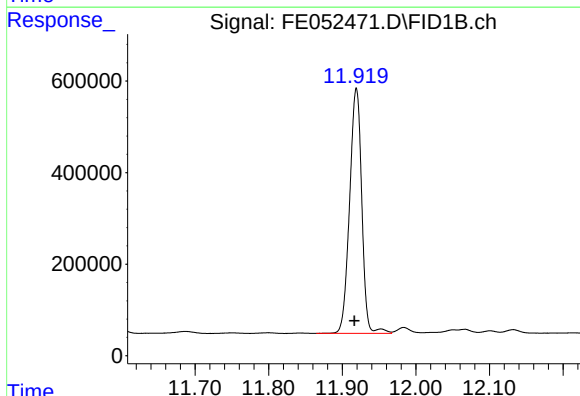
R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 141823
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



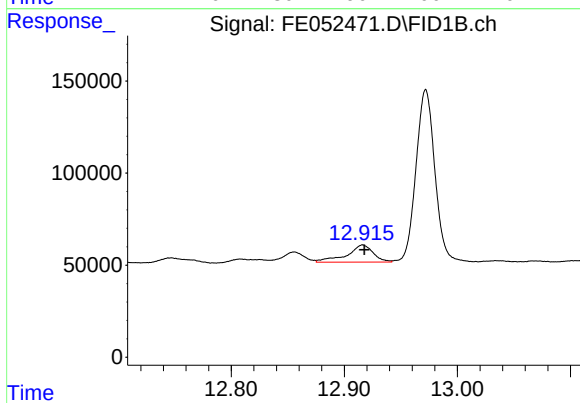
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.001 min
Response: 87538
Conc: 0.53 ug/ml



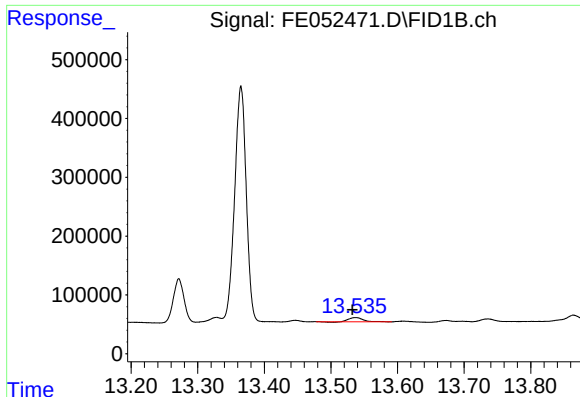
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.003 min
Response: 6138063
Conc: 32.84 ug/ml



#10 n-Eicosane (C20)

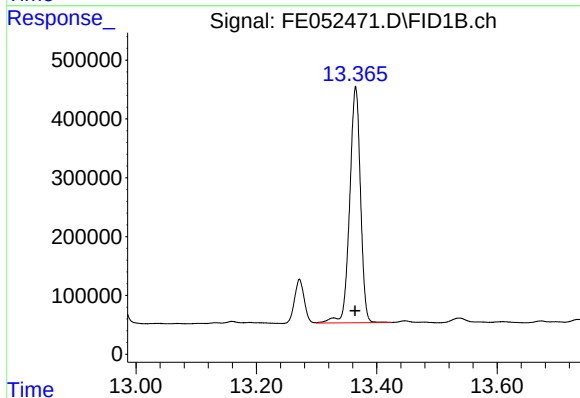
R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 151614
Conc: 0.95 ug/ml



#11 n-Heneicosane (C21)

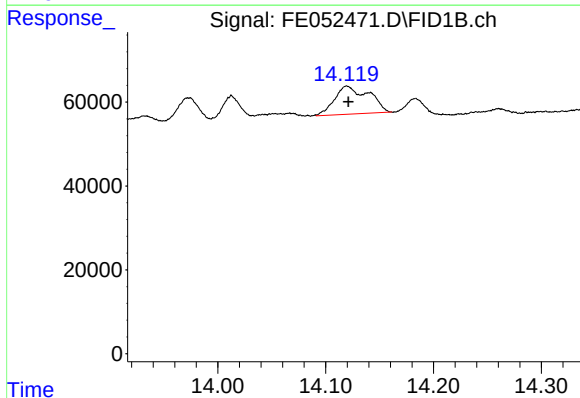
R.T.: 13.537 min
Delta R.T.: 0.005 min
Response: 109073
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



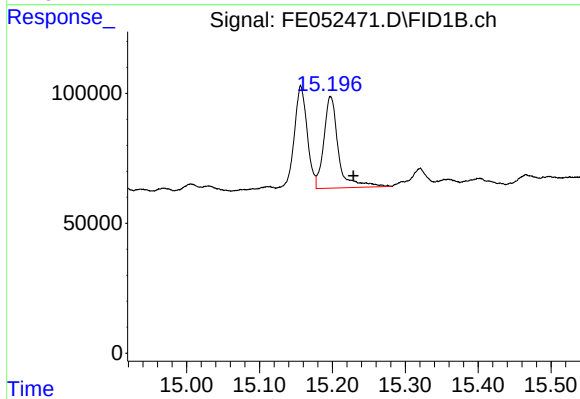
#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 4995918
Conc: 35.94 ug/ml



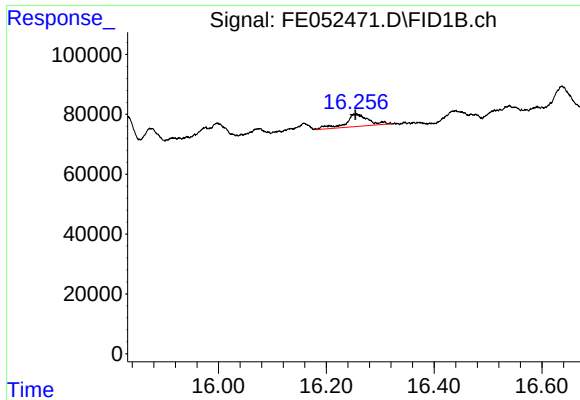
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.001 min
Response: 147144
Conc: 0.94 ug/ml



#14 n-Tetracosane (C24)

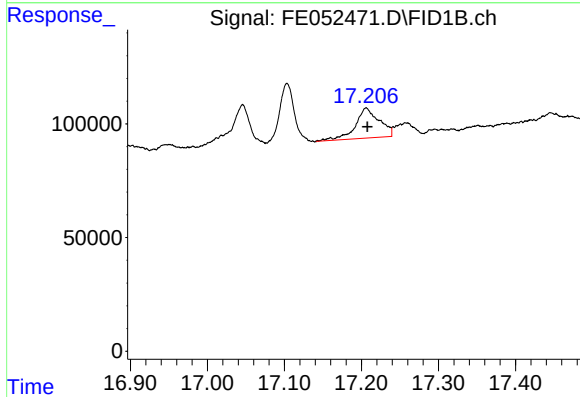
R.T.: 15.198 min
Delta R.T.: -0.031 min
Response: 488366
Conc: 3.11 ug/ml



#15 n-Hexacosane (C26)

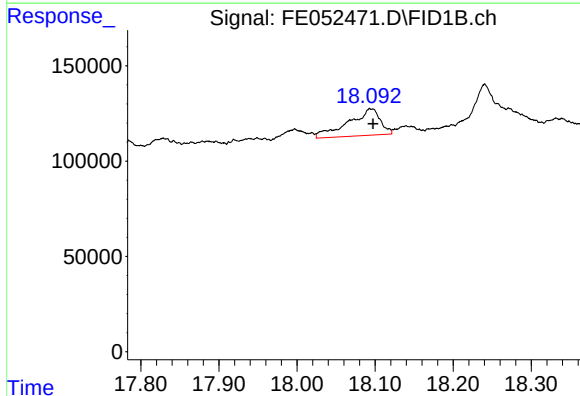
R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 118650
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



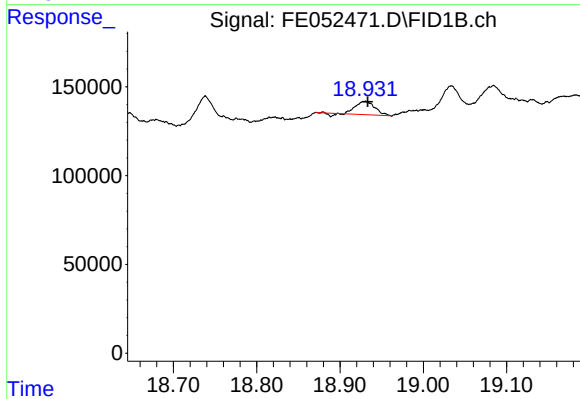
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.001 min
Response: 282654
Conc: 1.85 ug/ml



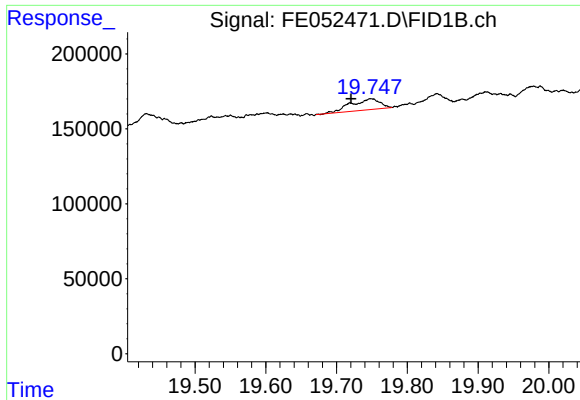
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 396166
Conc: 2.54 ug/ml



#18 n-Dotriacontane (C32)

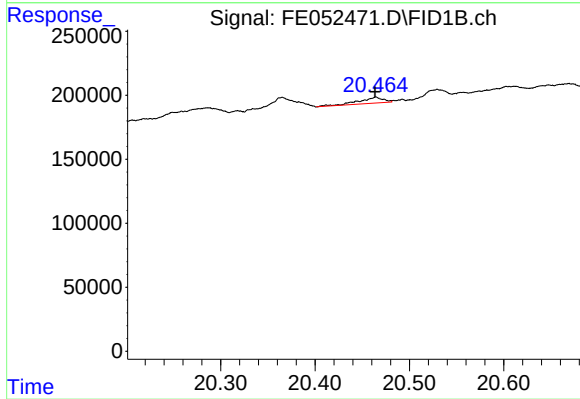
R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 118241
Conc: 0.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.749 min
Delta R.T.: 0.028 min
Response: 207764
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.000 min
Response: 81827
Conc: 0.66 ug/ml