

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111823AL\
 Data File : FE045454.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2023 15:52
 Operator : YP\AJ
 Sample : 05468-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 20 02:57:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.875	7852649	41.129 ug/ml
Spiked Amount 50.000		Recovery =	82.26%
12) S 1-chlorooctadecane (S...	13.318	5933071	43.075 ug/ml
Spiked Amount 50.000		Recovery =	86.15%
Target Compounds			
6) T n-Tetradecane (C14)	8.468	67581	0.405 ug/ml
10) T n-Eicosane (C20)	12.932	68942	0.435 ug/ml
13) T n-Docosane (C22)	14.069	85800	0.566 ug/ml
14) T n-Tetracosane (C24)	15.173	79254	0.535 ug/ml
15) T n-Hexacosane (C26)	16.198	101011	0.693 ug/ml
16) T n-Octacosane (C28)	17.156	473360	3.239 ug/ml
17) T n-Tricontane (C30)	18.038	75997	0.500 ug/ml
18) T n-Dotriacontane (C32)	18.871	105870	0.678 ug/ml
19) T n-Tetratriacontane (C34)	19.711	144295	0.924 ug/ml
20) T n-Hexatriacontane (C36)	20.408	27577	0.170 ug/ml
21) T n-Octatriacontane (C38)	21.141	87855	0.529 ug/ml
22) T n-Tetracontane (C40)	22.135f	260005	1.522 ug/ml

(f)=RT Delta > 1/2 Window

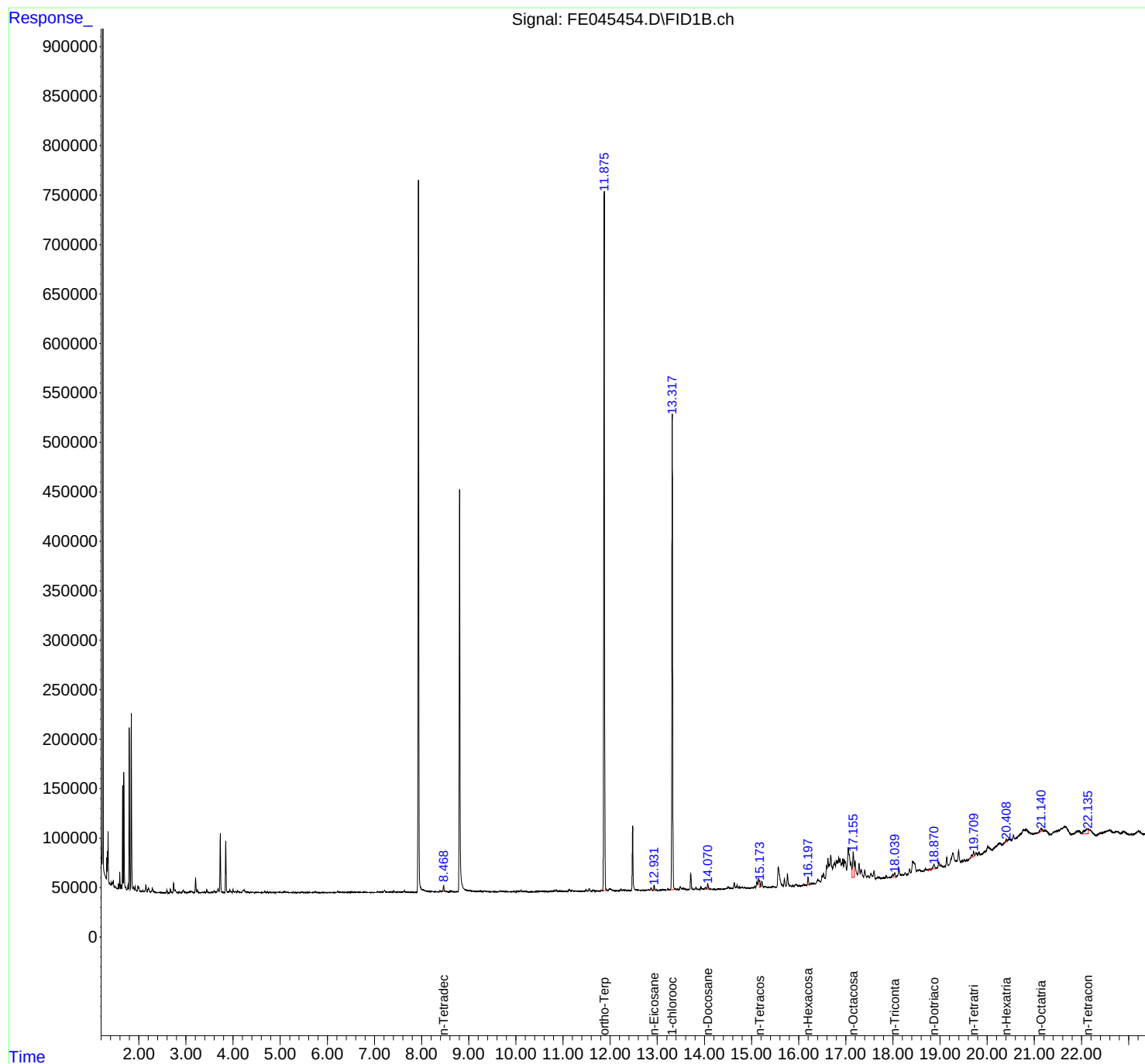
(m)=manual int.

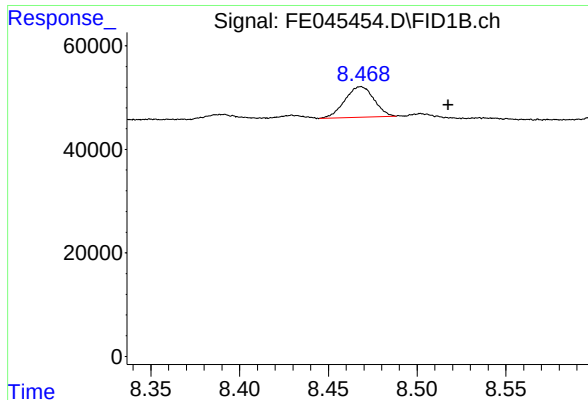
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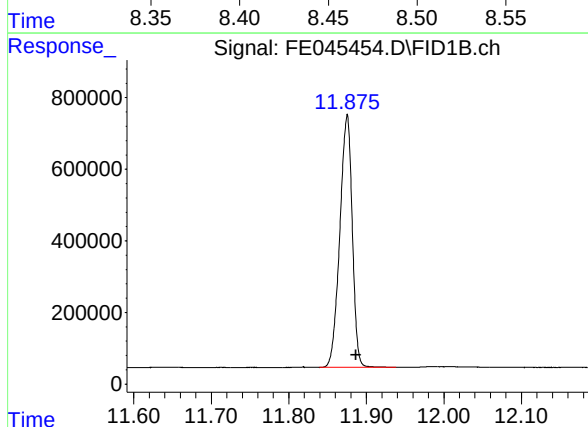




#6 n-Tetradecane (C14)

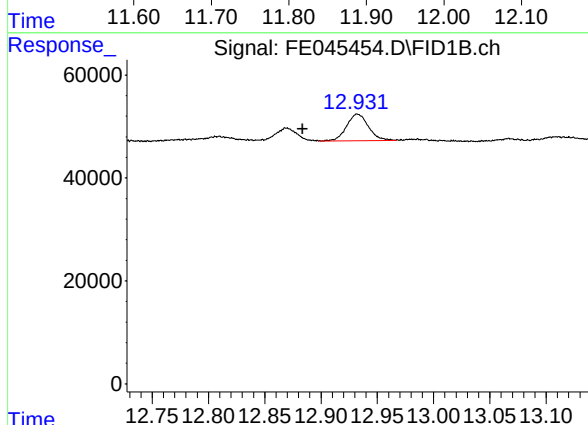
R.T.: 8.468 min
Delta R.T.: -0.049 min
Response: 67581
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



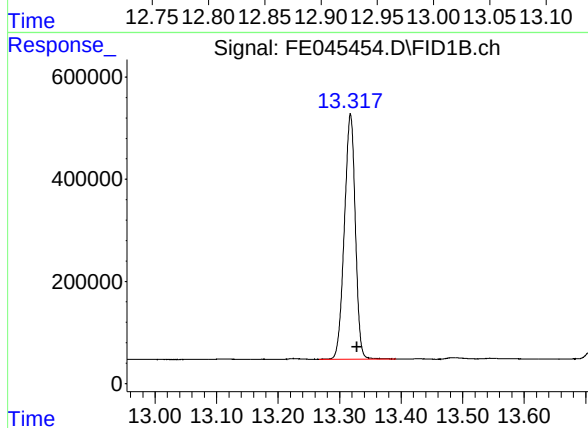
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.011 min
Response: 7852649
Conc: 41.13 ug/ml



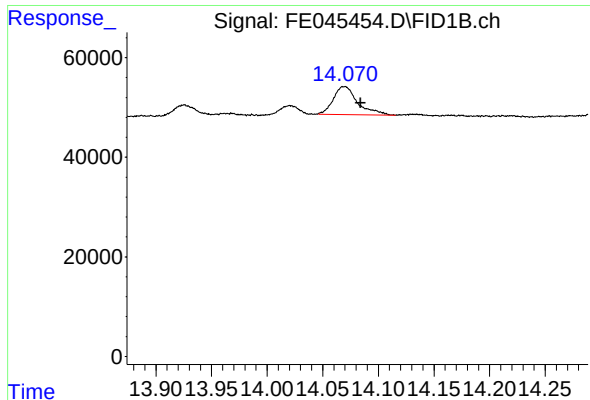
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: 0.048 min
Response: 68942
Conc: 0.44 ug/ml



#12 1-chlorooctadecane (SURR)

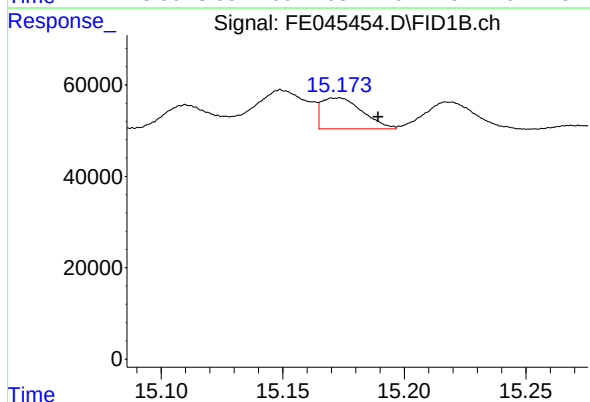
R.T.: 13.318 min
Delta R.T.: -0.010 min
Response: 5933071
Conc: 43.07 ug/ml



#13 n-Docosane (C22)

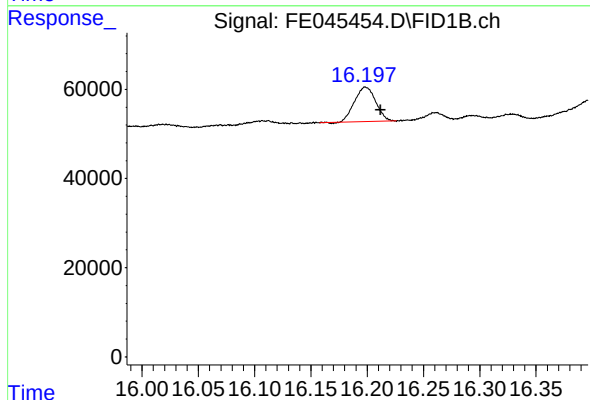
R.T.: 14.069 min
Delta R.T.: -0.015 min
Response: 85800
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :



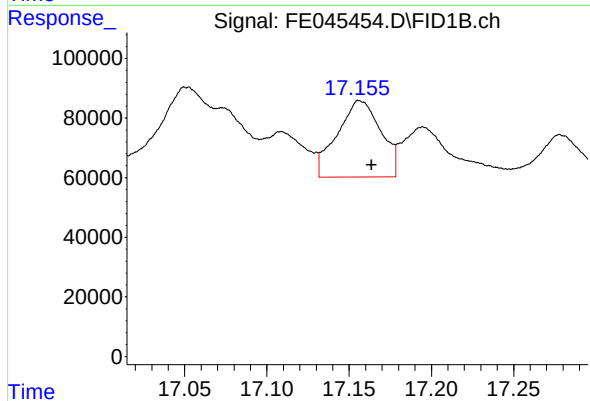
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.017 min
Response: 79254
Conc: 0.54 ug/ml



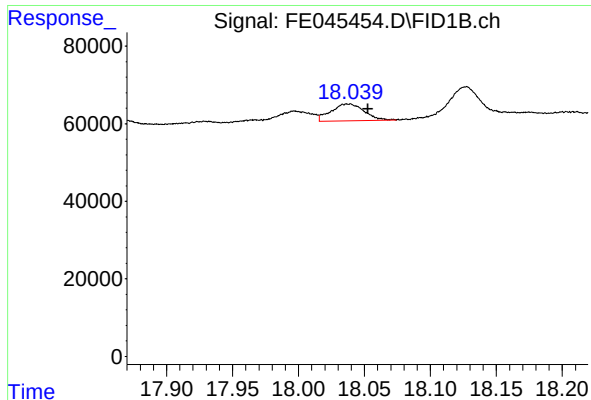
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.013 min
Response: 101011
Conc: 0.69 ug/ml



#16 n-Octacosane (C28)

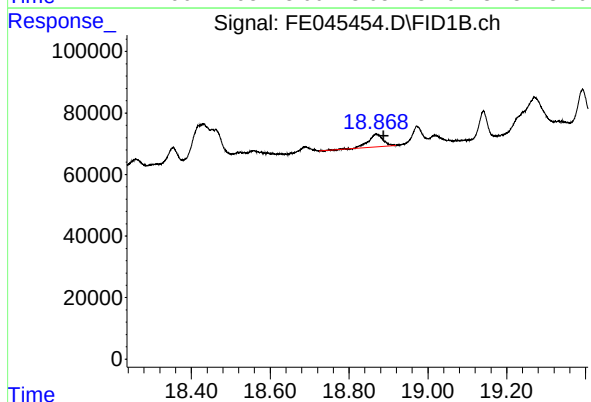
R.T.: 17.156 min
Delta R.T.: -0.007 min
Response: 473360
Conc: 3.24 ug/ml



#17 n-Tricontane (C30)

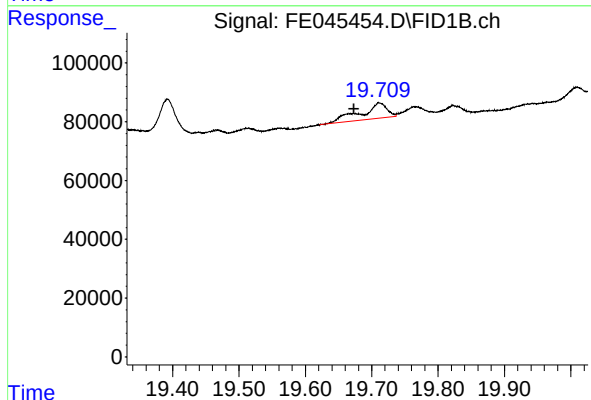
R.T.: 18.038 min
Delta R.T.: -0.014 min
Response: 75997
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



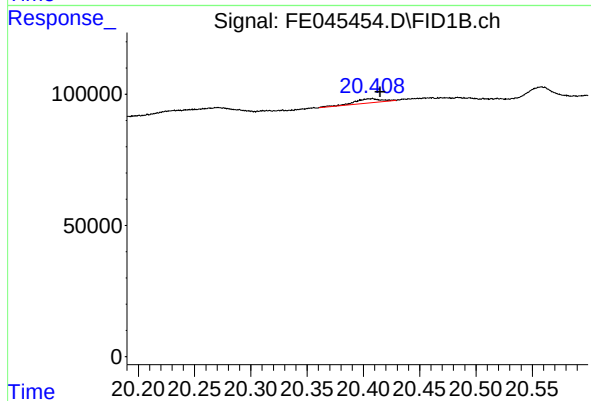
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 105870
Conc: 0.68 ug/ml



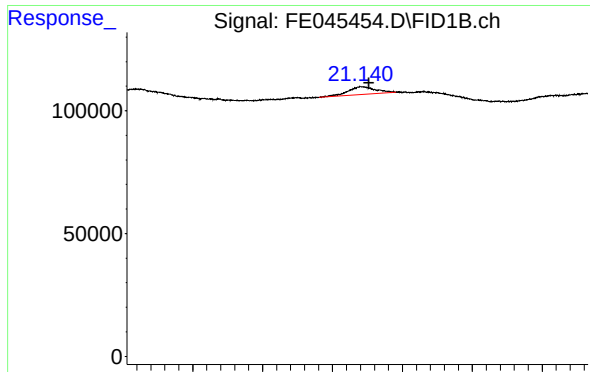
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.038 min
Response: 144295
Conc: 0.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.007 min
Response: 27577
Conc: 0.17 ug/ml



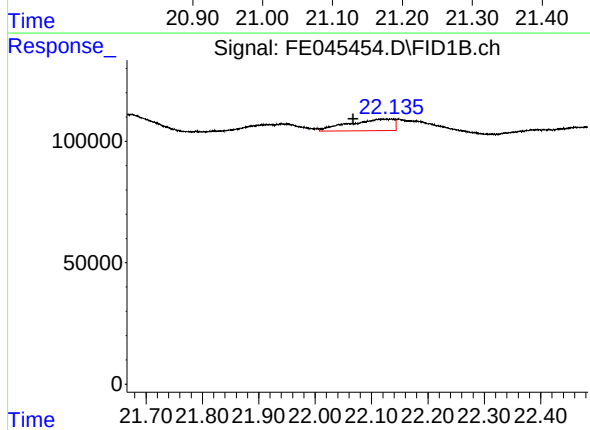
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: -0.011 min
Response: 87855
Conc: 0.53 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.067 min
Response: 260005
Conc: 1.52 ug/ml