

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050157.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 18:45
 Operator : YP\AJ
 Sample : P4023-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 01:28:32 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)	11.874	4671969	31.402 ug/ml
Spiked Amount 50.000		Recovery =	62.80%
12) S 1-chlorooctadecane (S...	13.308	3719255	33.111 ug/ml
Spiked Amount 50.000		Recovery =	66.22%
Target Compounds			
8) T n-Octadecane (C18)	11.554	49614	0.354 ug/ml
10) T n-Eicosane (C20)	12.861	60023	0.447 ug/ml
11) T n-Heneicosane (C21)	13.472	55618	0.423 ug/ml
13) T n-Docosane (C22)	14.057	70526	0.542 ug/ml
14) T n-Tetracosane (C24)	15.159	74803	0.573 ug/ml
15) T n-Hexacosane (C26)	16.179	72451	0.566 ug/ml
16) T n-Octacosane (C28)	17.127	243412	1.890 ug/ml
17) T n-Tricontane (C30)	18.014	247474	1.851 ug/ml
18) T n-Dotriacontane (C32)	18.846	168823	1.267 ug/ml
19) T n-Tetratriacontane (C34)	19.630	170206	1.378 ug/ml
20) T n-Hexatriacontane (C36)	20.367	109324	0.985 ug/ml
21) T n-Octatriacontane (C38)	21.095	68609	0.622 ug/ml

(f)=RT Delta > 1/2 Window

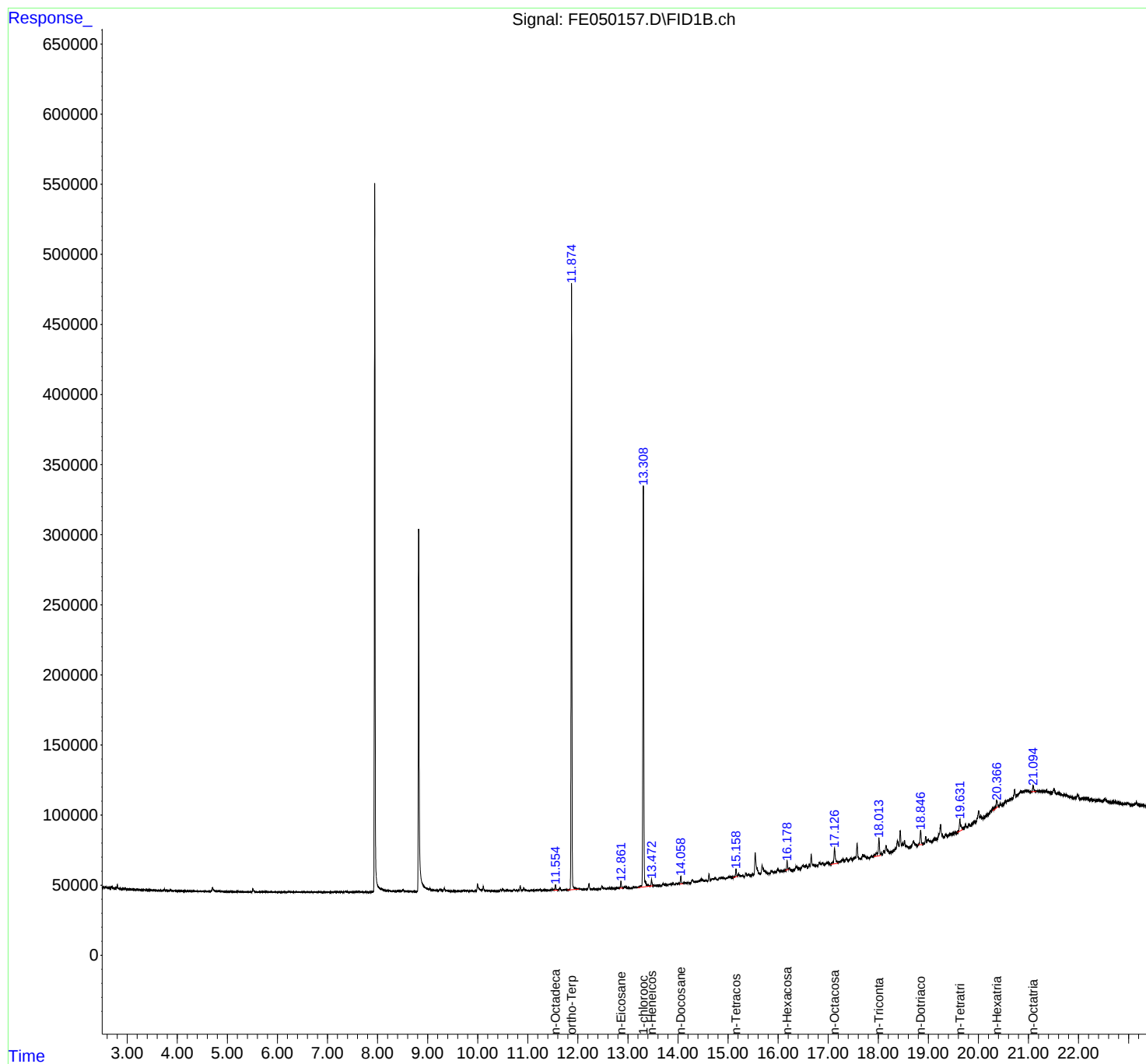
(m)=manual int.

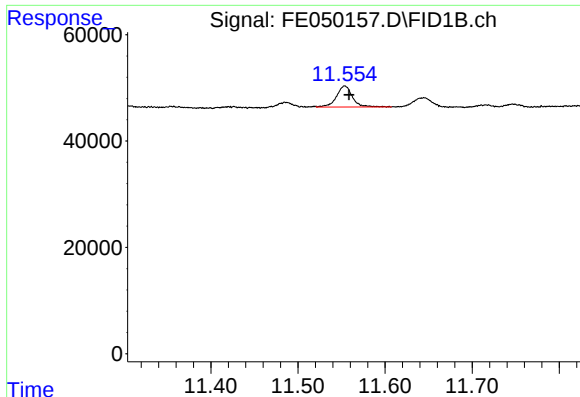
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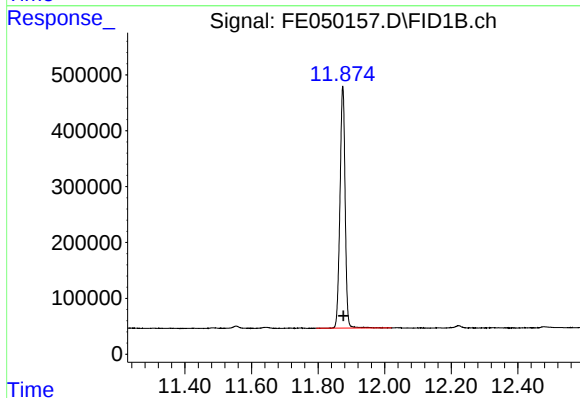




#8 n-Octadecane (C18)

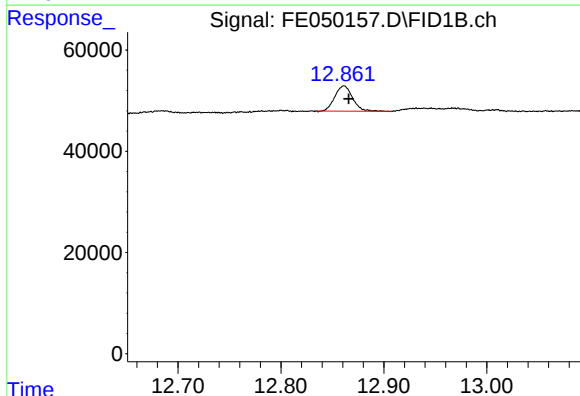
R.T.: 11.554 min
Delta R.T.: -0.005 min
Response: 49614
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



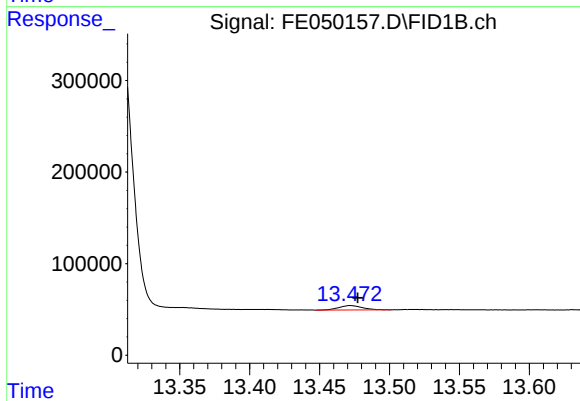
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 4671969
Conc: 31.40 ug/ml



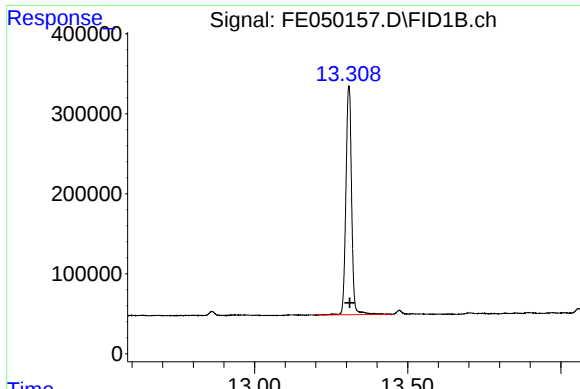
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.005 min
Response: 60023
Conc: 0.45 ug/ml



#11 n-Heneicosane (C21)

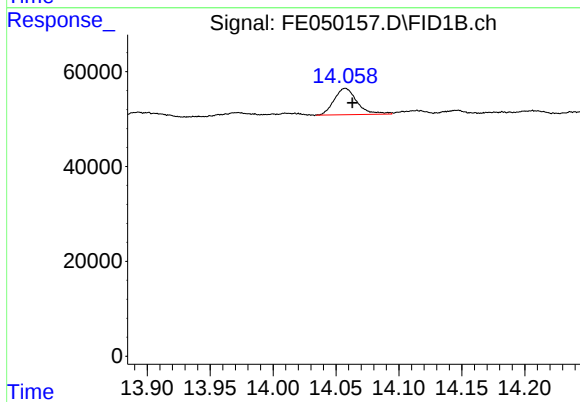
R.T.: 13.472 min
Delta R.T.: -0.005 min
Response: 55618
Conc: 0.42 ug/ml



#12 1-chlorooctadecane (SURR)

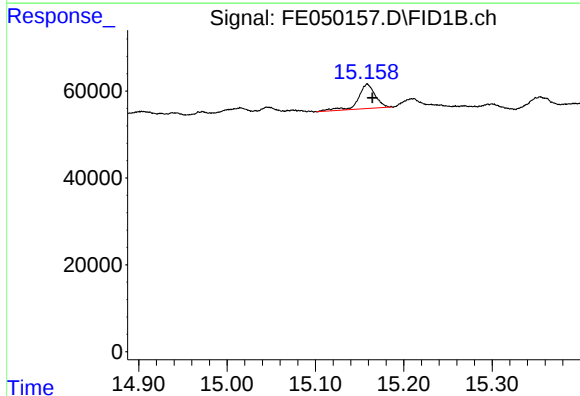
R.T.: 13.308 min
Delta R.T.: -0.004 min
Response: 3719255
Conc: 33.11 ug/ml

Instrument :
FID_E
ClientSampleId :



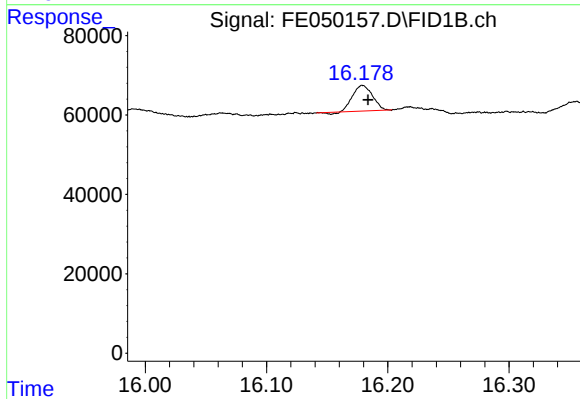
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: -0.005 min
Response: 70526
Conc: 0.54 ug/ml



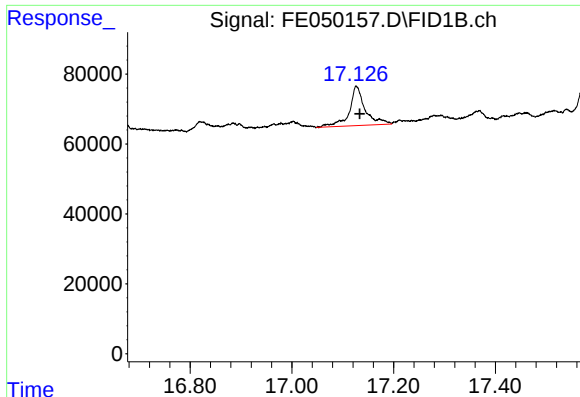
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.006 min
Response: 74803
Conc: 0.57 ug/ml



#15 n-Hexacosane (C26)

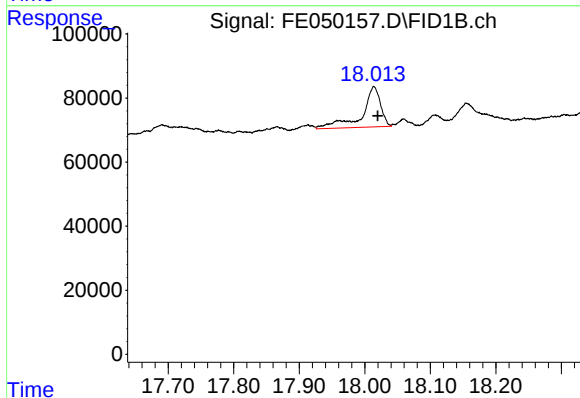
R.T.: 16.179 min
Delta R.T.: -0.004 min
Response: 72451
Conc: 0.57 ug/ml



#16 n-Octacosane (C28)

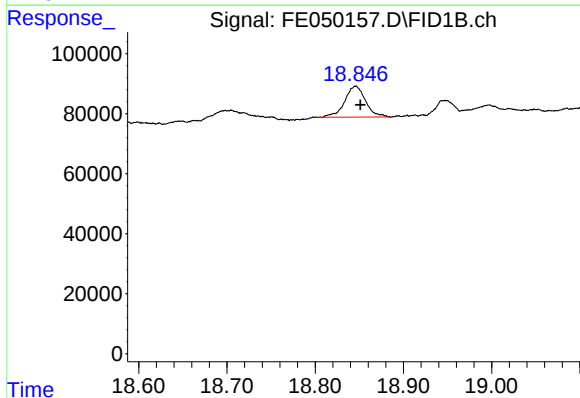
R.T.: 17.127 min
Delta R.T.: -0.006 min
Response: 243412
Conc: 1.89 ug/ml

Instrument :
FID_E
ClientSampleId :



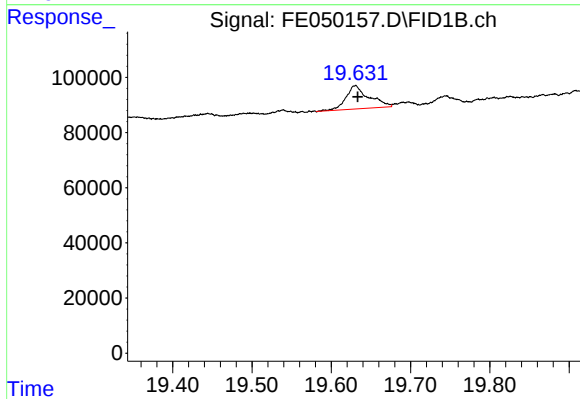
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.006 min
Response: 247474
Conc: 1.85 ug/ml



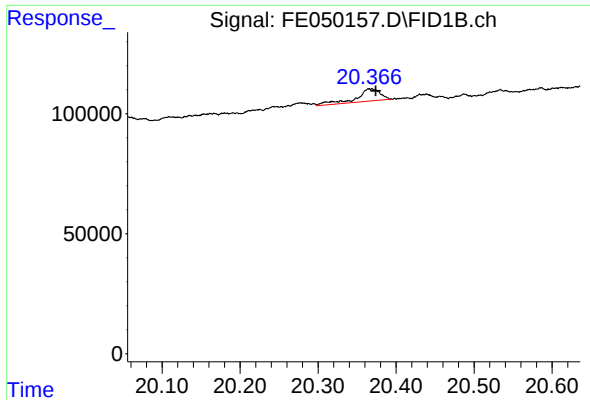
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.005 min
Response: 168823
Conc: 1.27 ug/ml



#19 n-Tetratriacontane (C34)

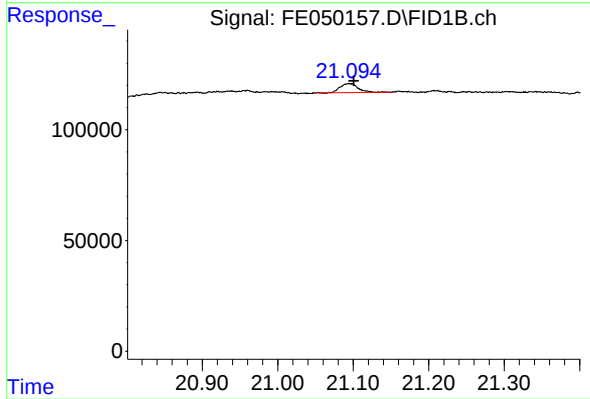
R.T.: 19.630 min
Delta R.T.: -0.003 min
Response: 170206
Conc: 1.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min
Delta R.T.: -0.006 min
Response: 109324
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.006 min
Response: 68609
Conc: 0.62 ug/ml