

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041151.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 11:17
 Operator : YP\AJ
 Sample : 02166-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 23:51:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.850	1186801	6.315 ug/ml
Spiked Amount 50.000		Recovery =	12.63%
12) S 1-chlorooctadecane (S...	13.288	1552720	10.792 ug/ml
Spiked Amount 50.000		Recovery =	21.58%
Target Compounds			
8) T n-Octadecane (C18)	11.535	21578	0.121 ug/ml
10) T n-Eicosane (C20)	12.845	33959	0.199 ug/ml
11) T n-Heneicosane (C21)	13.458	26909	0.159 ug/ml
13) T n-Docosane (C22)	14.043	30435	0.184 ug/ml
14) T n-Tetracosane (C24)	15.148	117626	0.727 ug/ml
15) T n-Hexacosane (C26)	16.170	63158	0.407 ug/ml
16) T n-Octacosane (C28)	17.123	102289	0.668 ug/ml
17) T n-Tricontane (C30)	18.009	172187	1.126 ug/ml
18) T n-Dotriacontane (C32)	18.844	164318	1.052 ug/ml
19) T n-Tetratriacontane (C34)	19.629	151811	0.980 ug/ml
20) T n-Hexatriacontane (C36)	20.386	32418	0.213 ug/ml
21) T n-Octatriacontane (C38)	21.125	16456	0.105 ug/ml
22) T n-Tetracontane (C40)	21.984	100465	0.629 ug/ml

(f)=RT Delta > 1/2 Window

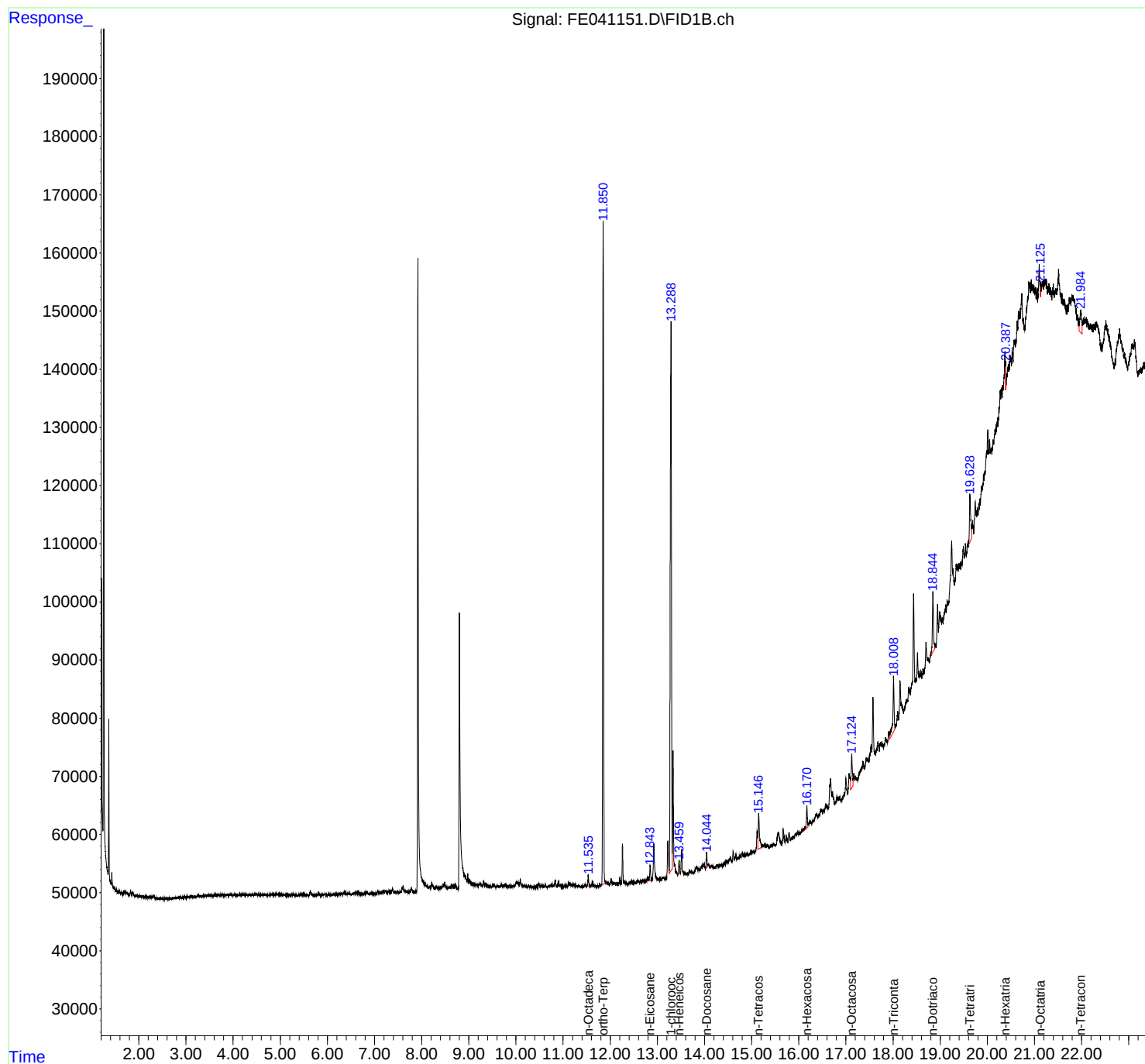
(m)=manual int.

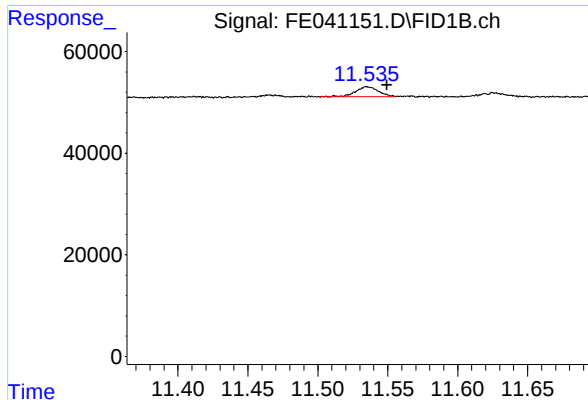
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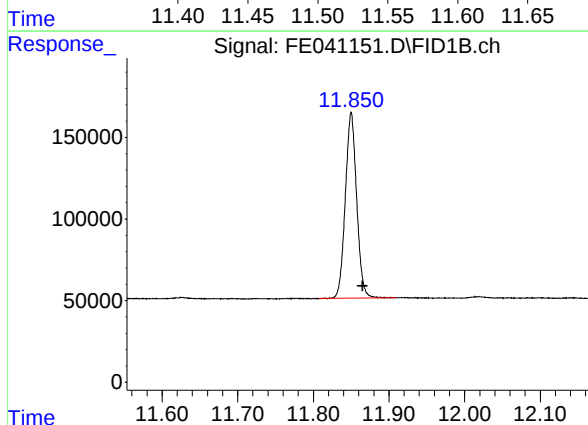




#8 n-Octadecane (C18)

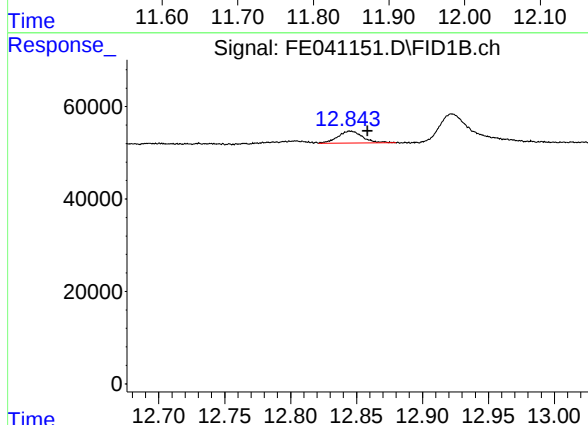
R.T.: 11.535 min
Delta R.T.: -0.014 min
Response: 21578
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



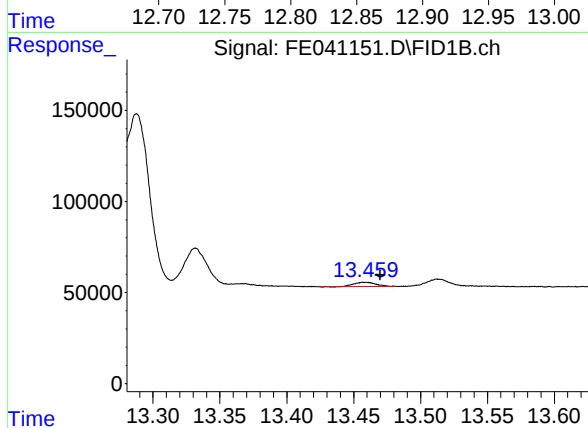
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: -0.015 min
Response: 1186801
Conc: 6.31 ug/ml



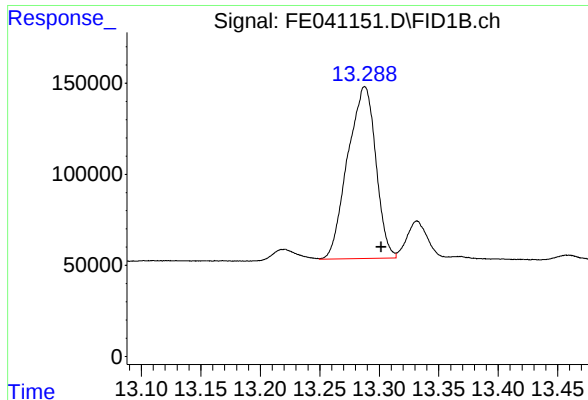
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.013 min
Response: 33959
Conc: 0.20 ug/ml



#11 n-Heneicosane (C21)

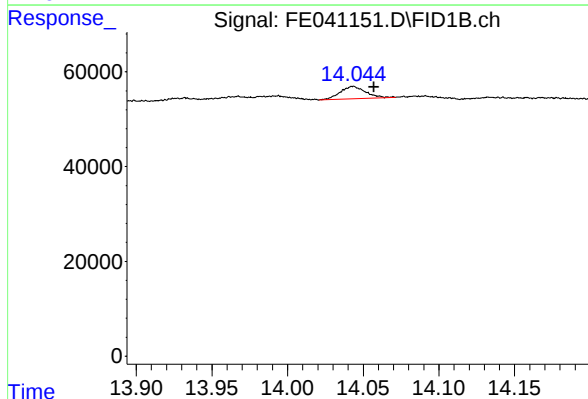
R.T.: 13.458 min
Delta R.T.: -0.012 min
Response: 26909
Conc: 0.16 ug/ml



#12 1-chlorooctadecane (SURR)

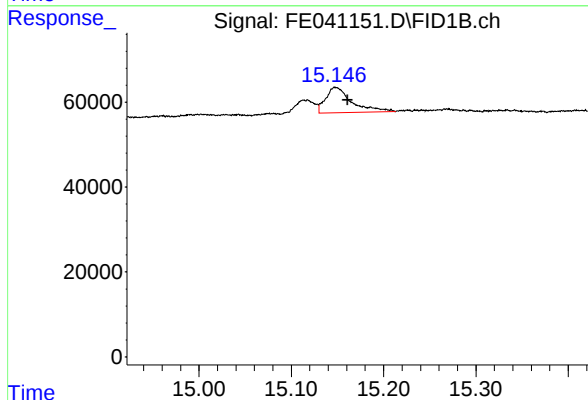
R.T.: 13.288 min
Delta R.T.: -0.014 min
Response: 1552720
Conc: 10.79 ug/ml

Instrument :
FID_E
ClientSampleId :



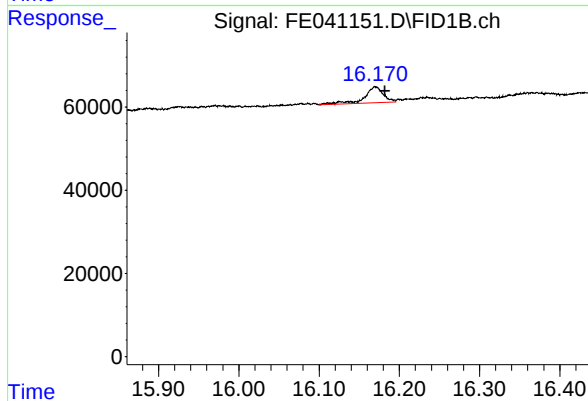
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 30435
Conc: 0.18 ug/ml



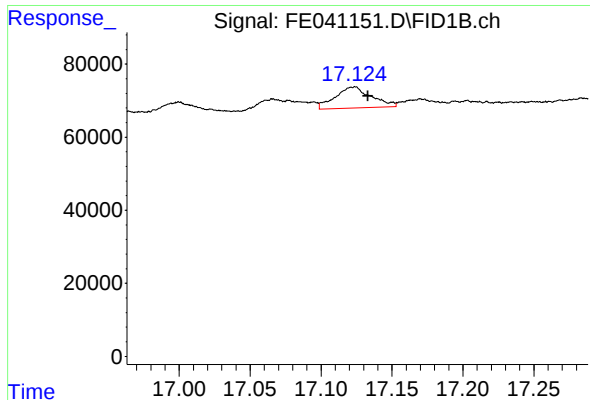
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.013 min
Response: 117626
Conc: 0.73 ug/ml



#15 n-Hexacosane (C26)

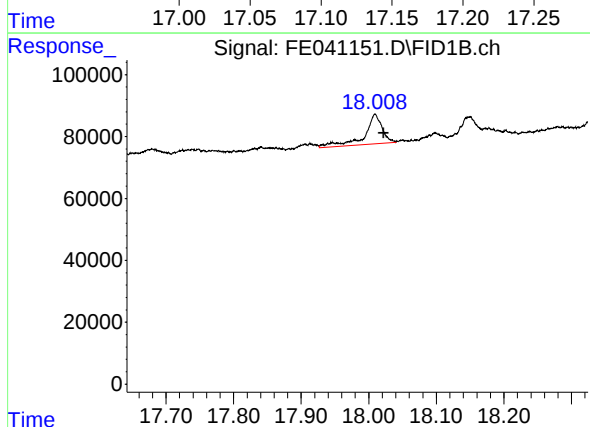
R.T.: 16.170 min
Delta R.T.: -0.012 min
Response: 63158
Conc: 0.41 ug/ml



#16 n-Octacosane (C28)

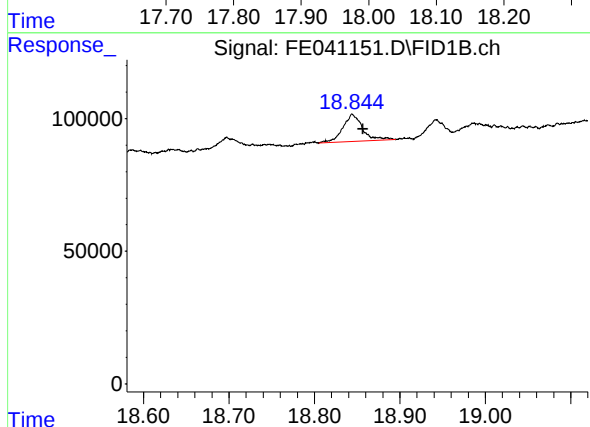
R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 102289
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :



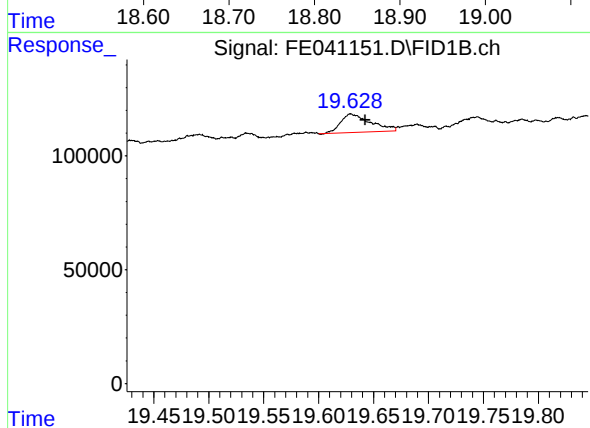
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.013 min
Response: 172187
Conc: 1.13 ug/ml



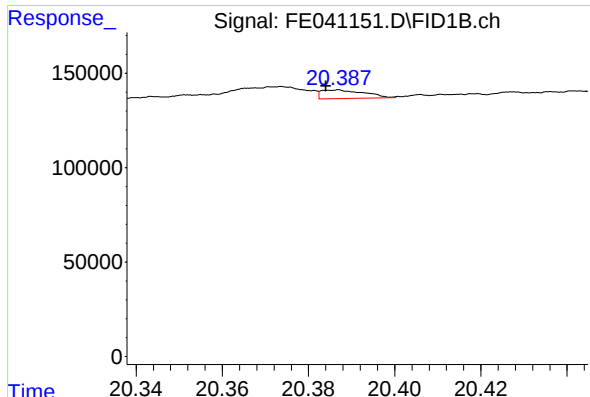
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.012 min
Response: 164318
Conc: 1.05 ug/ml



#19 n-Tetratriacontane (C34)

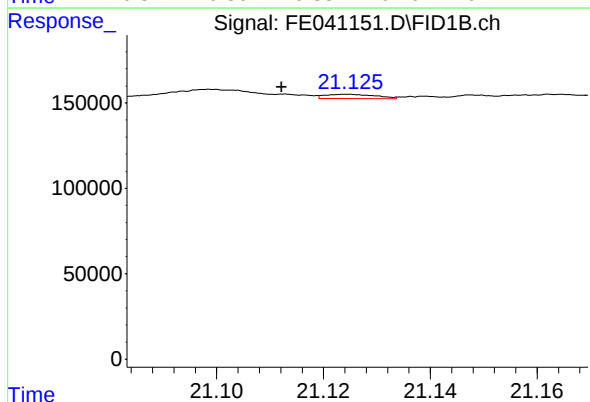
R.T.: 19.629 min
Delta R.T.: -0.013 min
Response: 151811
Conc: 0.98 ug/ml



#20 n-Hexatriacontane (C36)

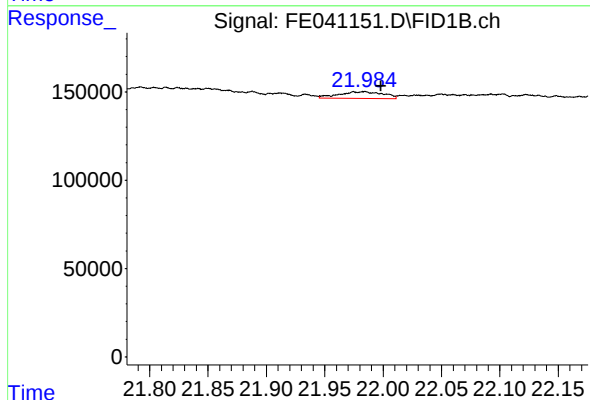
R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 32418
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.012 min
Response: 16456
Conc: 0.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.014 min
Response: 100465
Conc: 0.63 ug/ml