

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044902.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 17:58
 Operator : YP\AJ
 Sample : 04907-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 01:23:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.905	5136650	25.624 ug/ml
Spiked Amount 50.000		Recovery =	51.25%
12) S 1-chlorooctadecane (S...	13.346	4067814	27.488 ug/ml
Spiked Amount 50.000		Recovery =	54.98%
Target Compounds			
8) T n-Octadecane (C18)	11.670f	114273	0.655 ug/ml
10) T n-Eicosane (C20)	12.902	74835	0.448 ug/ml
11) T n-Heneicosane (C21)	13.522	135703	0.832 ug/ml
13) T n-Docosane (C22)	14.120	255607	1.598 ug/ml
14) T n-Tetracosane (C24)	15.175	1094238	7.051 ug/ml
15) T n-Hexacosane (C26)	16.234	70901	0.472 ug/ml
16) T n-Octacosane (C28)	17.179	376828	2.566 ug/ml
17) T n-Tricontane (C30)	18.068	286651	1.927 ug/ml
18) T n-Dotriacontane (C32)	18.905	156274	1.041 ug/ml
19) T n-Tetratriacontane (C34)	19.717	247748	1.664 ug/ml
20) T n-Hexatriacontane (C36)	20.433	68075	0.443 ug/ml
22) T n-Tetracontane (C40)	22.069	1240882	7.425 ug/ml

(f)=RT Delta > 1/2 Window

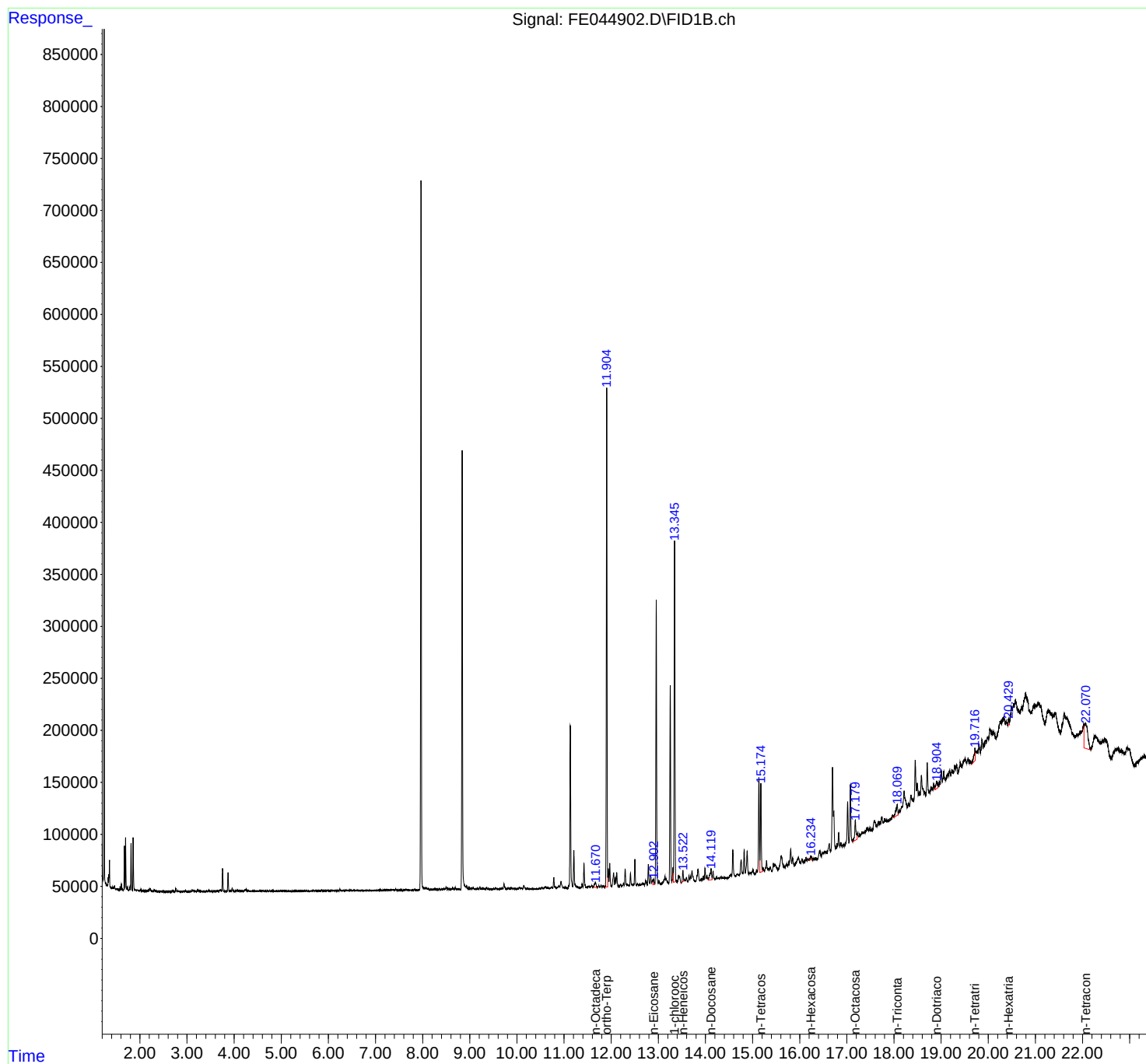
(m)=manual int.

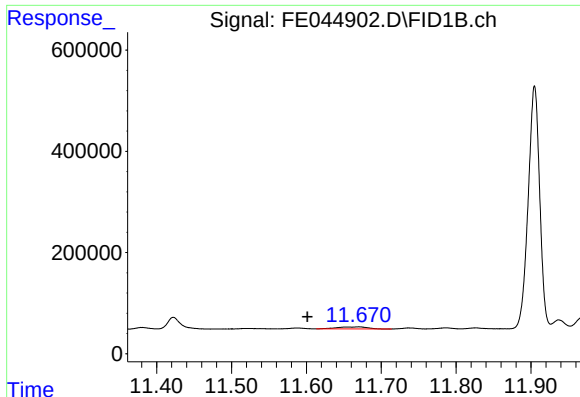
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

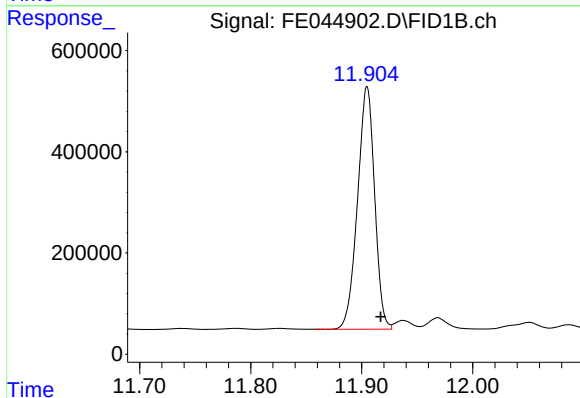




#8 n-Octadecane (C18)

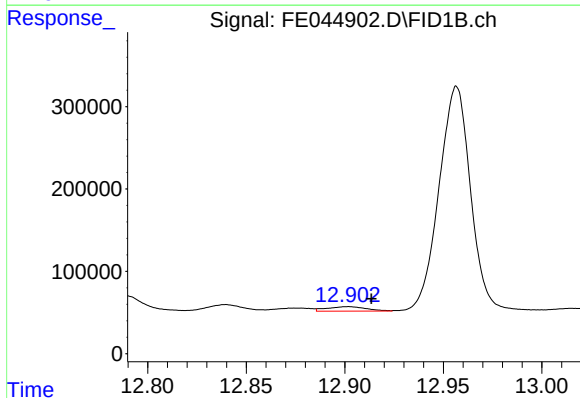
R.T.: 11.670 min
Delta R.T.: 0.069 min
Response: 114273
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



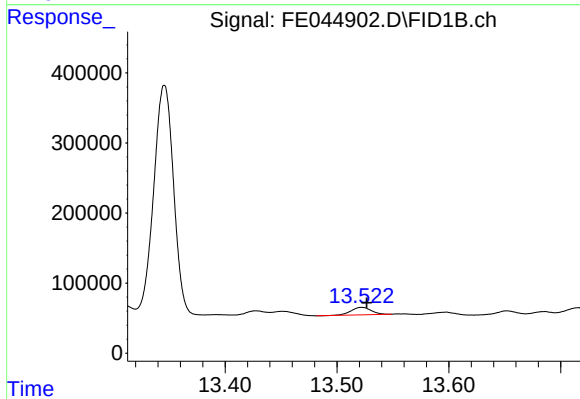
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.012 min
Response: 5136650
Conc: 25.62 ug/ml



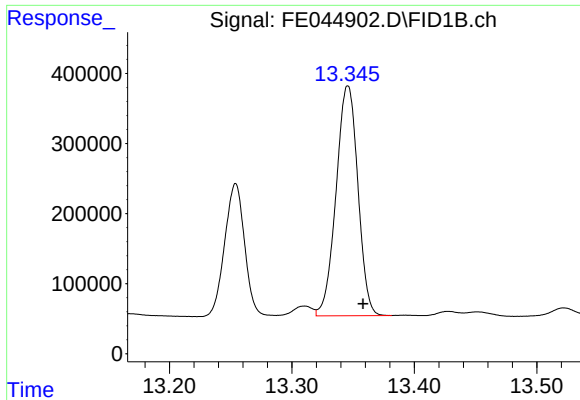
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: -0.012 min
Response: 74835
Conc: 0.45 ug/ml



#11 n-Heneicosane (C21)

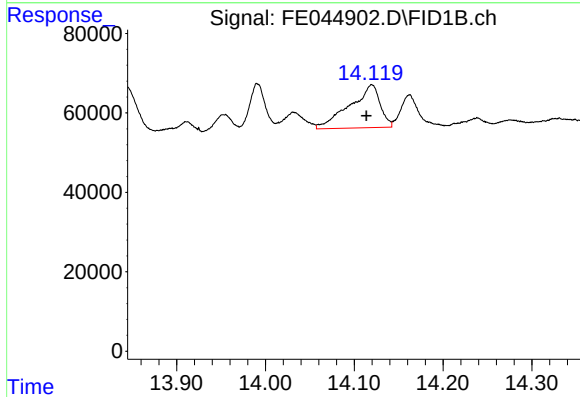
R.T.: 13.522 min
Delta R.T.: -0.005 min
Response: 135703
Conc: 0.83 ug/ml



#12 1-chlorooctadecane (SURR)

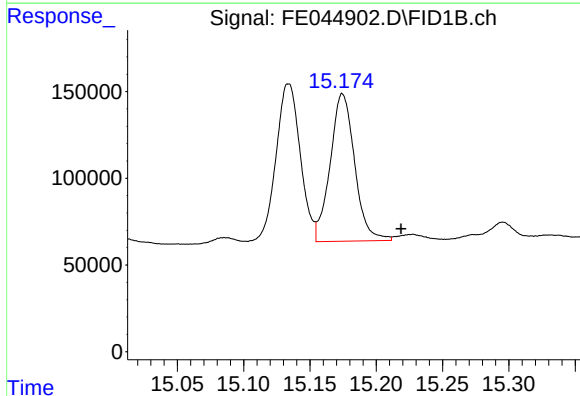
R.T.: 13.346 min
Delta R.T.: -0.012 min
Response: 4067814
Conc: 27.49 ug/ml

Instrument :
FID_E
ClientSampleId :



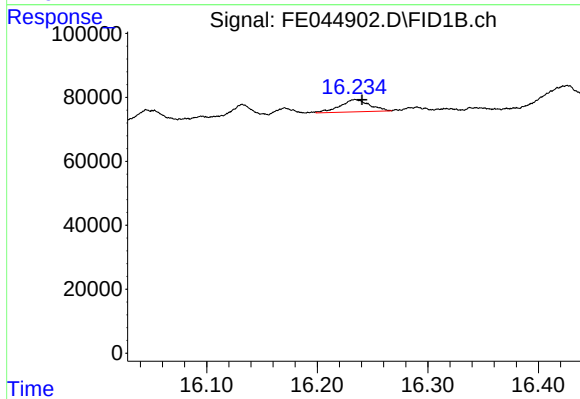
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.006 min
Response: 255607
Conc: 1.60 ug/ml



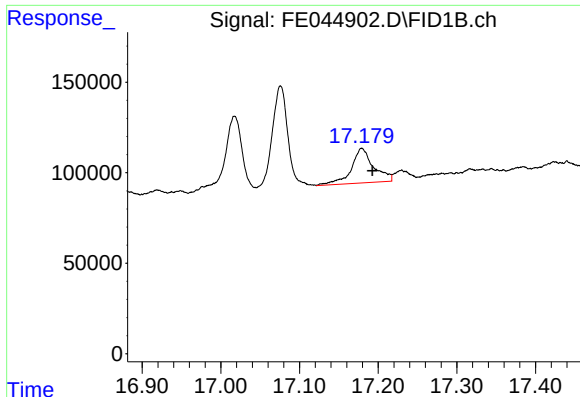
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.044 min
Response: 1094238
Conc: 7.05 ug/ml



#15 n-Hexacosane (C26)

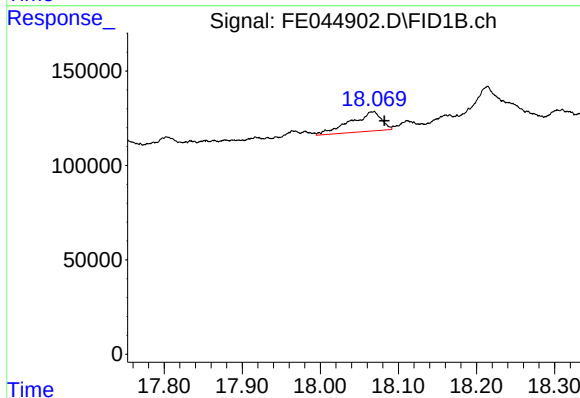
R.T.: 16.234 min
Delta R.T.: -0.006 min
Response: 70901
Conc: 0.47 ug/ml



#16 n-Octacosane (C28)

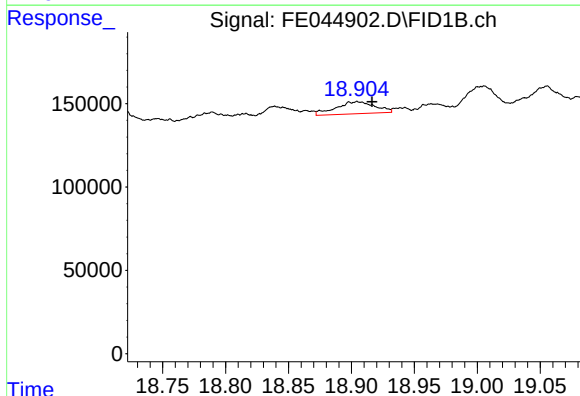
R.T.: 17.179 min
Delta R.T.: -0.013 min
Response: 376828
Conc: 2.57 ug/ml

Instrument :
FID_E
ClientSampleId :



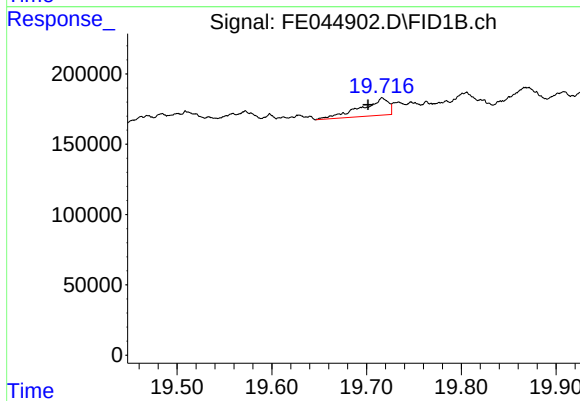
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 286651
Conc: 1.93 ug/ml



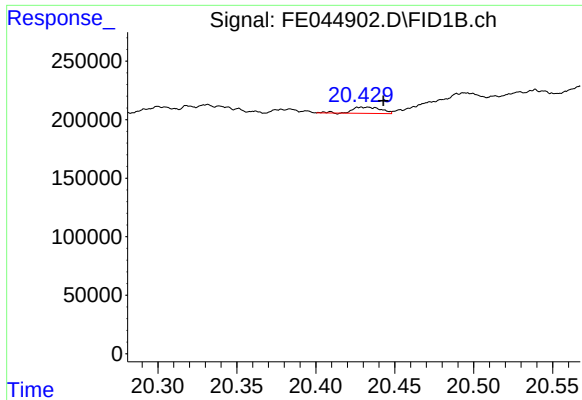
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.011 min
Response: 156274
Conc: 1.04 ug/ml



#19 n-Tetratriacontane (C34)

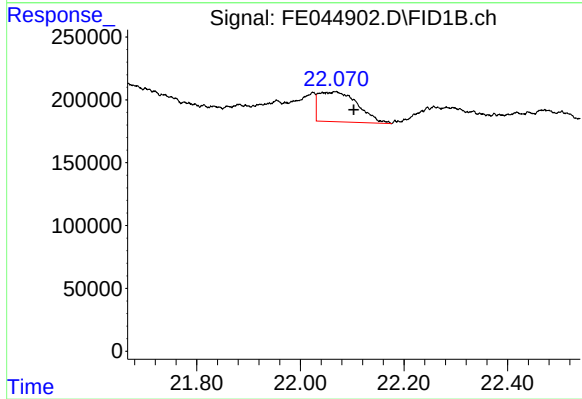
R.T.: 19.717 min
Delta R.T.: 0.015 min
Response: 247748
Conc: 1.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.010 min
Response: 68075
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: -0.034 min
Response: 1240882
Conc: 7.43 ug/ml