

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044811.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 10:39
 Operator : YP\AJ
 Sample : 04830-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 11:59:52 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)	11.912	3732644	18.620 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
12) S 1-chlorooctadecane (S...	13.354	2976211	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
6) T n-Tetradecane (C14)	8.502	473129	2.759 ug/ml
10) T n-Eicosane (C20)	12.963	462248	2.767 ug/ml
13) T n-Docosane (C22)	14.110	18737	0.117 ug/ml
14) T n-Tetracosane (C24)	15.183	417661	2.691 ug/ml
15) T n-Hexacosane (C26)	16.237	90834	0.605 ug/ml
16) T n-Octacosane (C28)	17.188	176274	1.200 ug/ml
17) T n-Tricontane (C30)	18.079	384218	2.583 ug/ml
18) T n-Dotriacontane (C32)	18.913	134770	0.898 ug/ml
19) T n-Tetratriacontane (C34)	19.699	119571	0.803 ug/ml
20) T n-Hexatriacontane (C36)	20.447	188325	1.225 ug/ml
21) T n-Octatriacontane (C38)	21.135	201168	1.288 ug/ml
22) T n-Tetracontane (C40)	22.107	520975	3.117 ug/ml

(f)=RT Delta > 1/2 Window

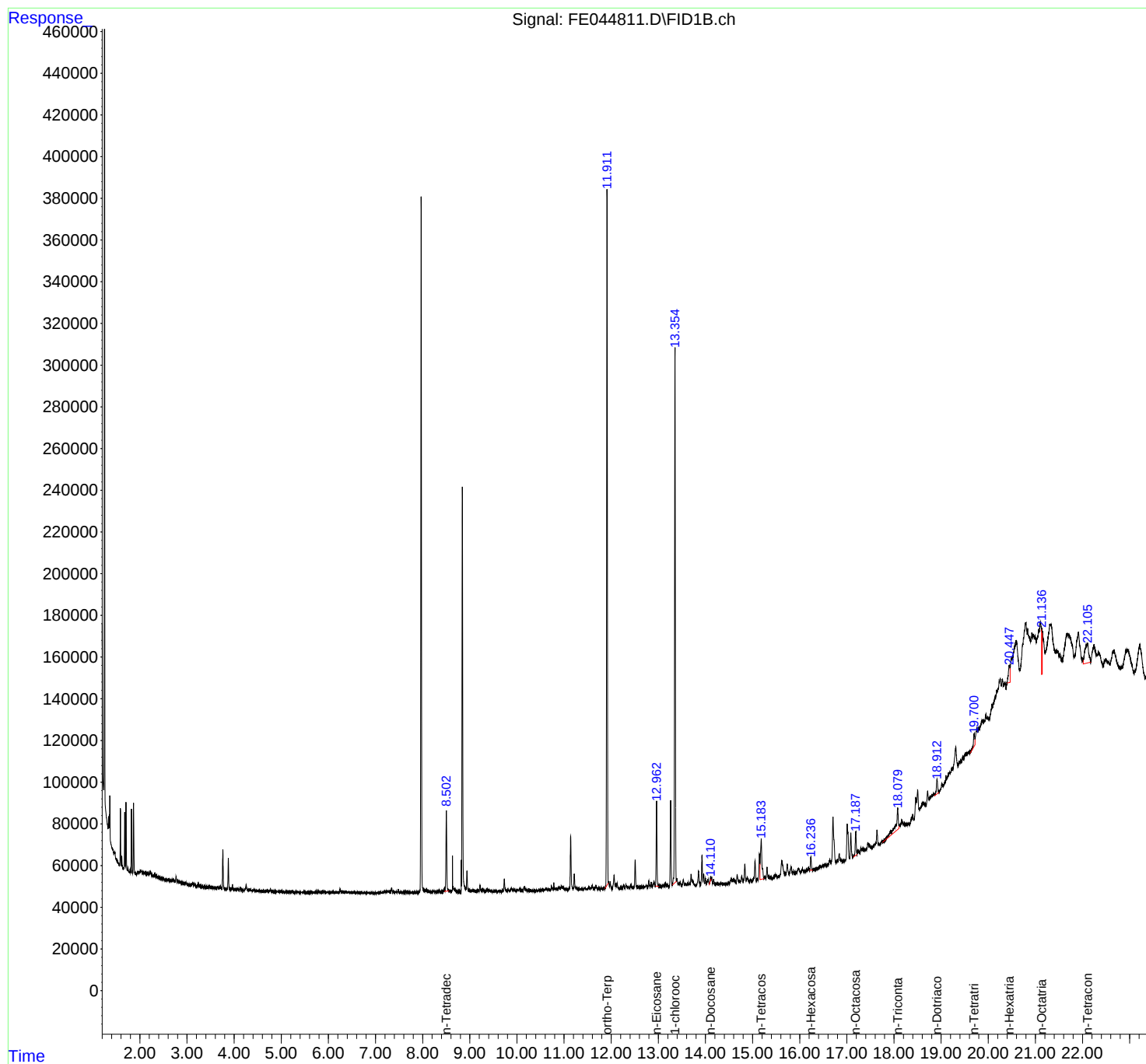
(m)=manual int.

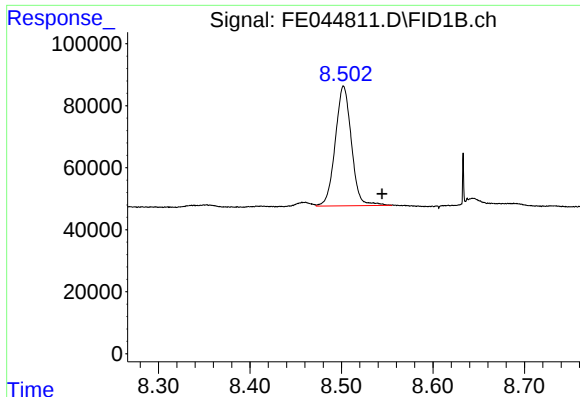
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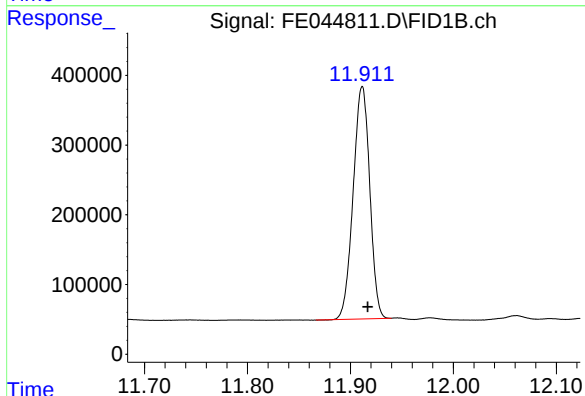




#6 n-Tetradecane (C14)

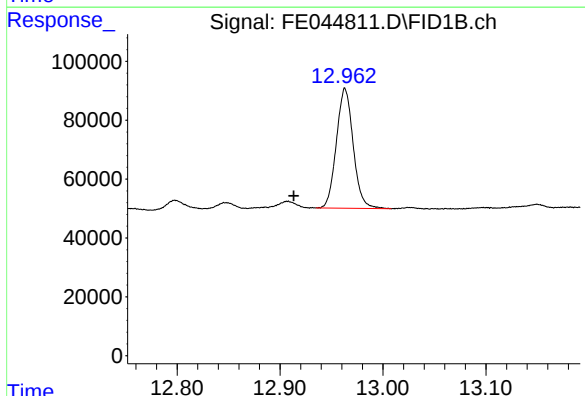
R.T.: 8.502 min
Delta R.T.: -0.042 min
Response: 473129
Conc: 2.76 ug/ml

Instrument :
FID_E
ClientSampleId :



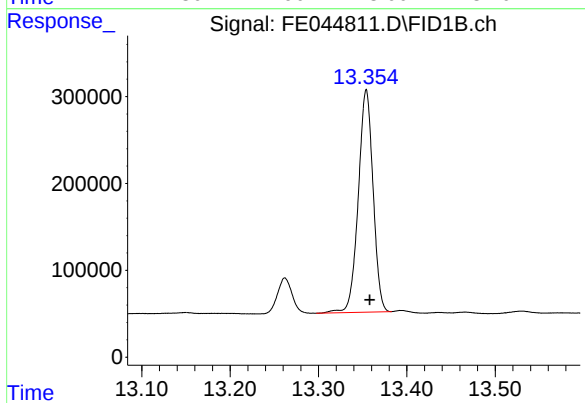
#9 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 3732644
Conc: 18.62 ug/ml



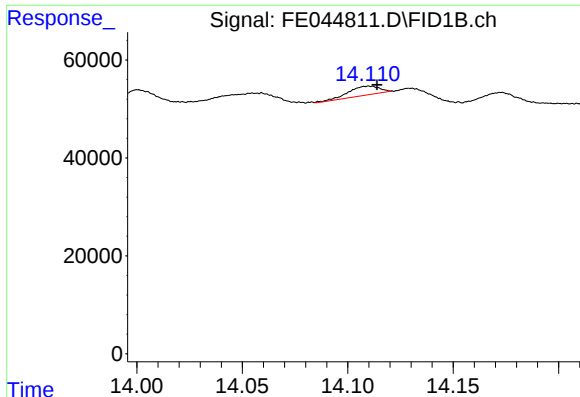
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.050 min
Response: 462248
Conc: 2.77 ug/ml



#12 1-chlorooctadecane (SURR)

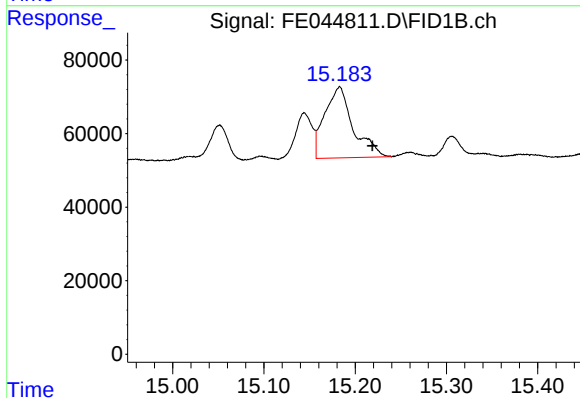
R.T.: 13.354 min
Delta R.T.: -0.004 min
Response: 2976211
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

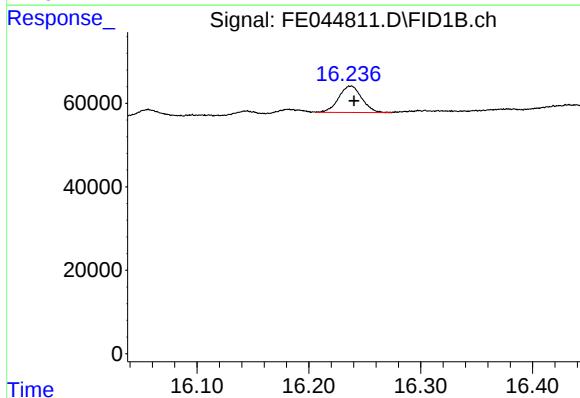
R.T.: 14.110 min
Delta R.T.: -0.004 min
Response: 18737
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



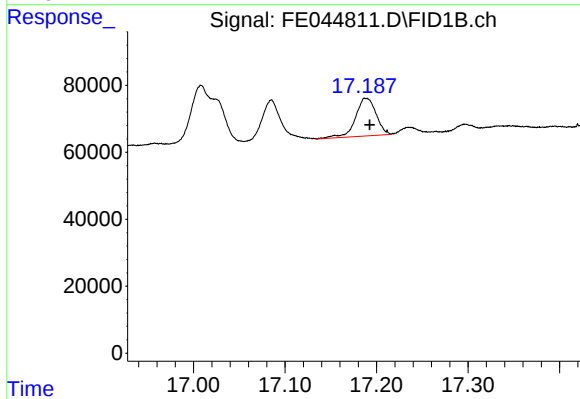
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.036 min
Response: 417661
Conc: 2.69 ug/ml



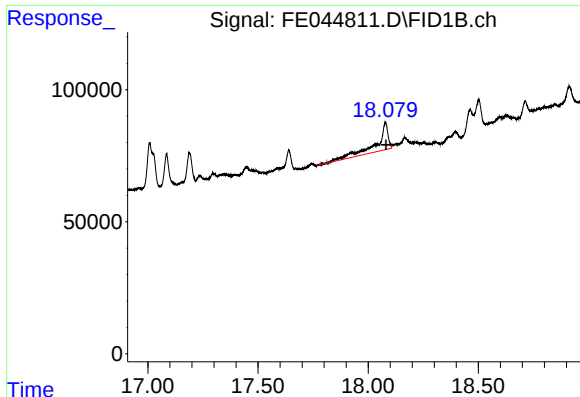
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 90834
Conc: 0.61 ug/ml



#16 n-Octacosane (C28)

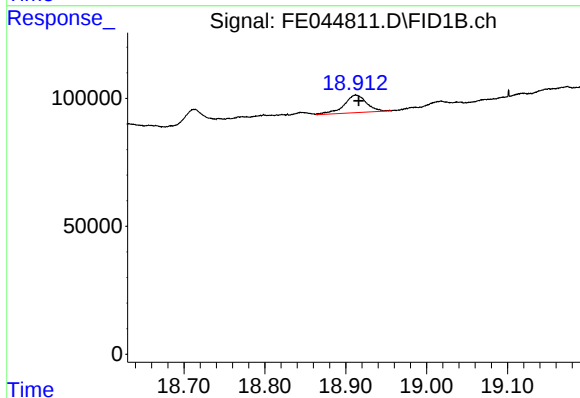
R.T.: 17.188 min
Delta R.T.: -0.004 min
Response: 176274
Conc: 1.20 ug/ml



#17 n-Tricontane (C30)

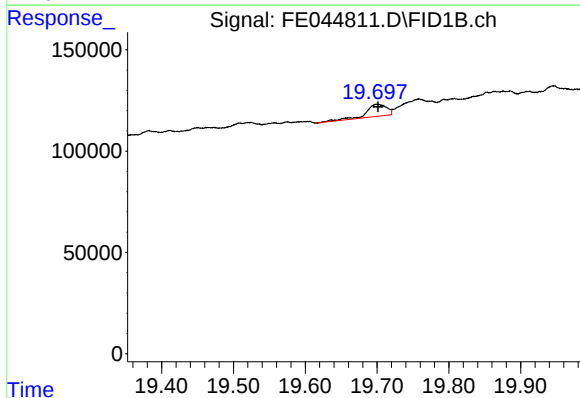
R.T.: 18.079 min
Delta R.T.: -0.003 min
Response: 384218
Conc: 2.58 ug/ml

Instrument :
FID_E
ClientSampleId :



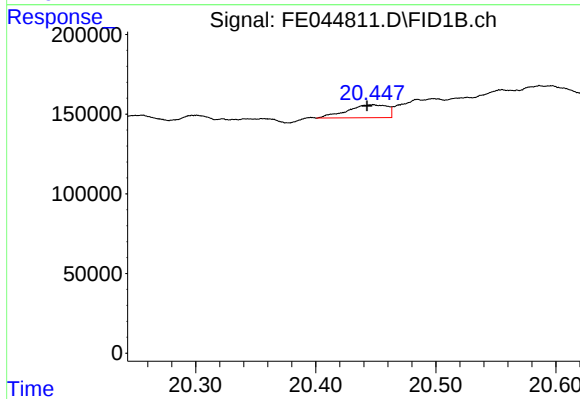
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.004 min
Response: 134770
Conc: 0.90 ug/ml



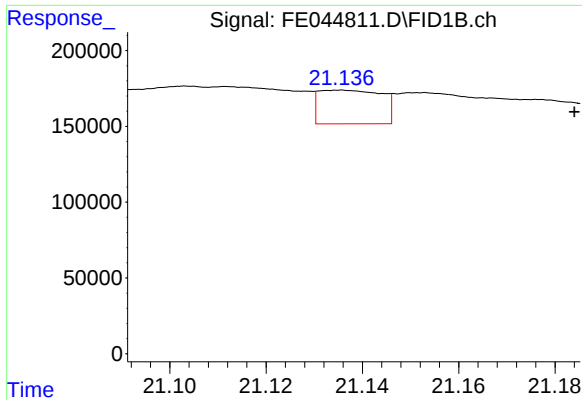
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.002 min
Response: 119571
Conc: 0.80 ug/ml



#20 n-Hexatriacontane (C36)

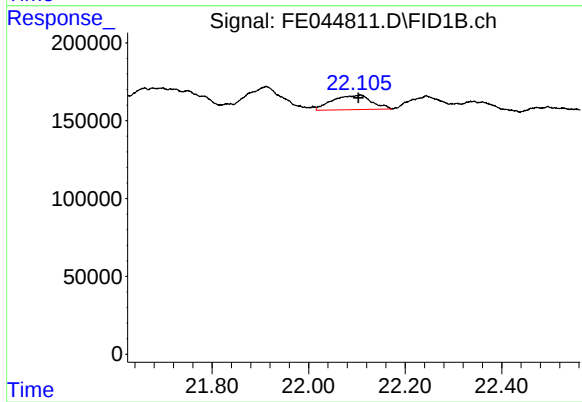
R.T.: 20.447 min
Delta R.T.: 0.004 min
Response: 188325
Conc: 1.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.049 min
Response: 201168
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.004 min
Response: 520975
Conc: 3.12 ug/ml