

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040750.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2023 02:47
 Operator : YP\AJ
 Sample : 01848-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 03:20:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.879	1303871	6.980 ug/ml
Spiked Amount 50.000		Recovery =	13.96%
12) S 1-chlorooctadecane (S...	13.318	1057908	7.148 ug/ml
Spiked Amount 50.000		Recovery =	14.30%
Target Compounds			
6) T n-Tetradecane (C14)	8.515	20507	0.133 ug/ml
7) T n-Hexadecane (C16)	10.123	23598	0.146 ug/ml
8) T n-Octadecane (C18)	11.564	25597	0.151 ug/ml
10) T n-Eicosane (C20)	12.873	26386	0.156 ug/ml
13) T n-Docosane (C22)	14.071	18928	0.110 ug/ml
14) T n-Tetracosane (C24)	15.176	70493	0.409 ug/ml
15) T n-Hexacosane (C26)	16.197	43647	0.257 ug/ml
16) T n-Octacosane (C28)	17.169	102282	0.610 ug/ml
17) T n-Tricontane (C30)	18.038	104928	0.643 ug/ml
18) T n-Dotriacontane (C32)	18.872	102337	0.598 ug/ml
19) T n-Tetratriacontane (C34)	19.654	70561	0.456 ug/ml
20) T n-Hexatriacontane (C36)	20.404	77135	0.531 ug/ml
21) T n-Octatriacontane (C38)	21.135	187658	1.365 ug/ml
22) T n-Tetracontane (C40)	22.009	51940	0.336 ug/ml

(f)=RT Delta > 1/2 Window

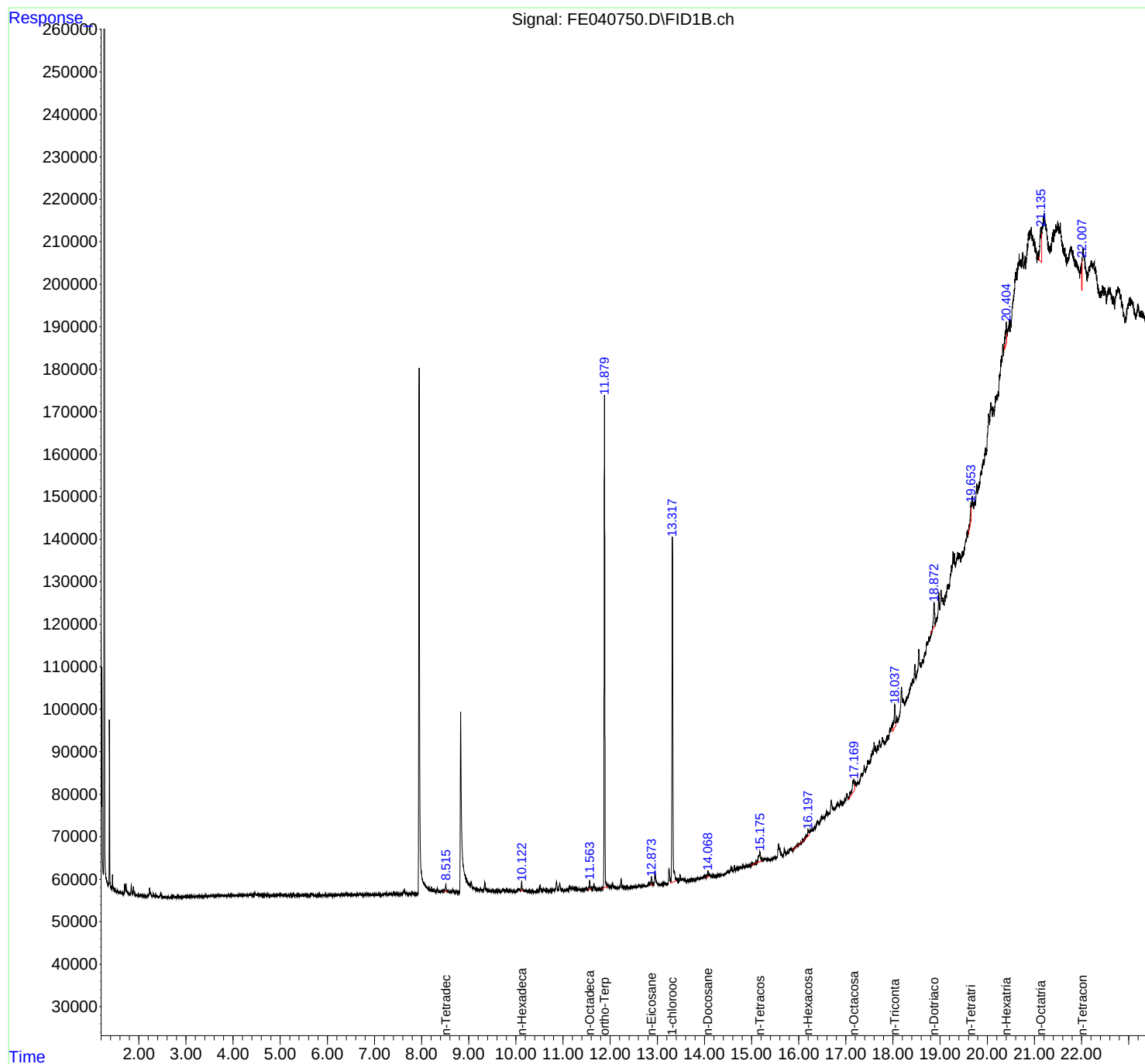
(m)=manual int.

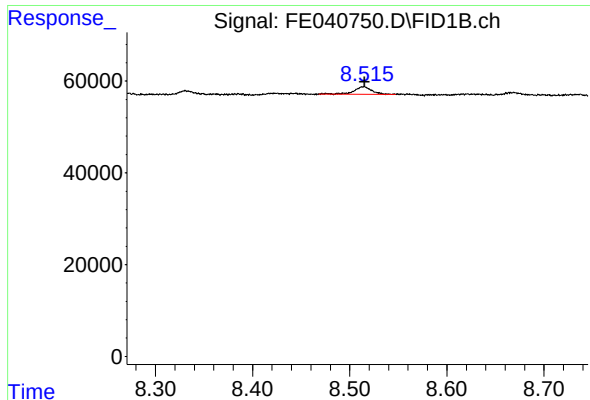
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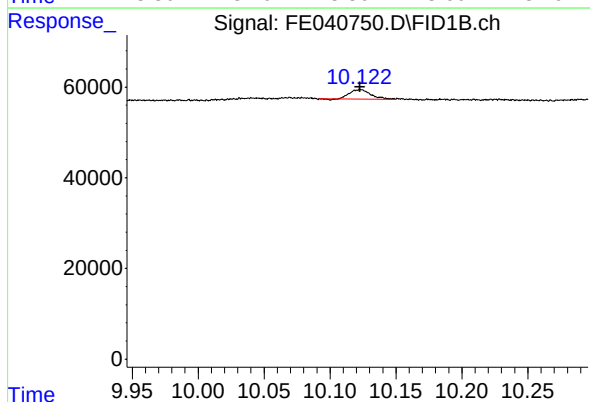




#6 n-Tetradecane (C14)

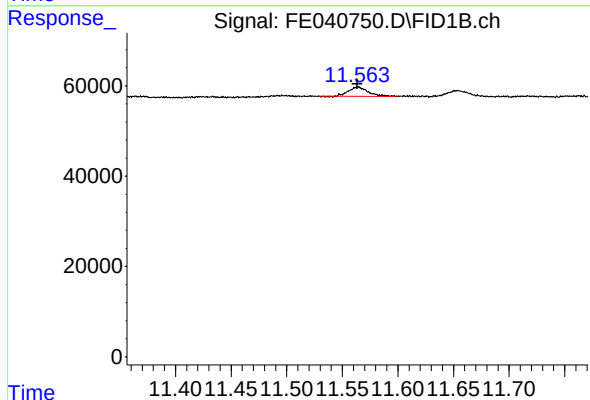
R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 20507
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :



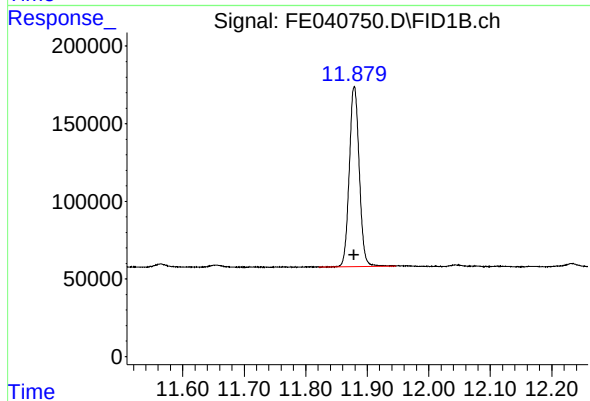
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 23598
Conc: 0.15 ug/ml



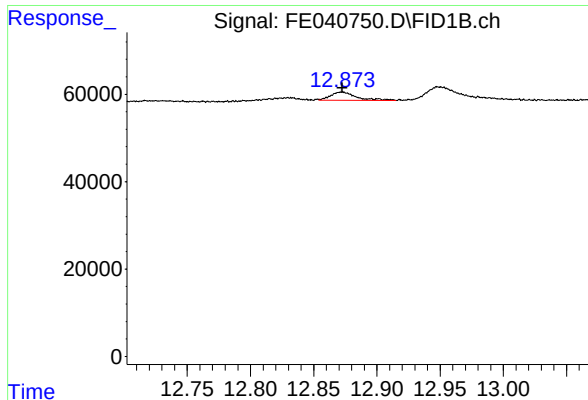
#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 25597
Conc: 0.15 ug/ml



#9 ortho-Terphenyl (SURR)

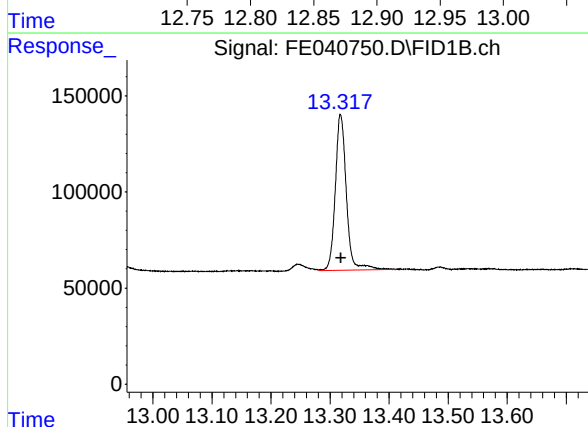
R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 1303871
Conc: 6.98 ug/ml



#10 n-Eicosane (C20)

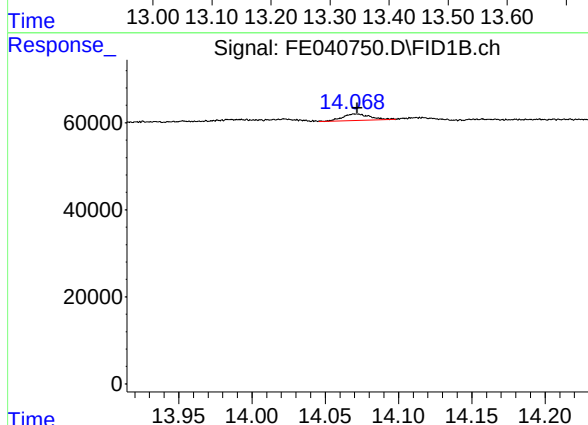
R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 26386
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :



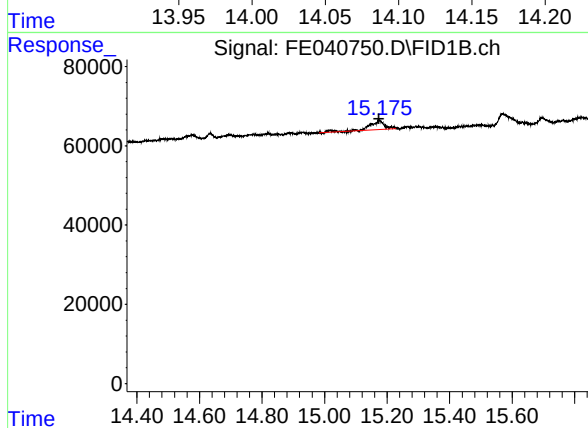
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1057908
Conc: 7.15 ug/ml



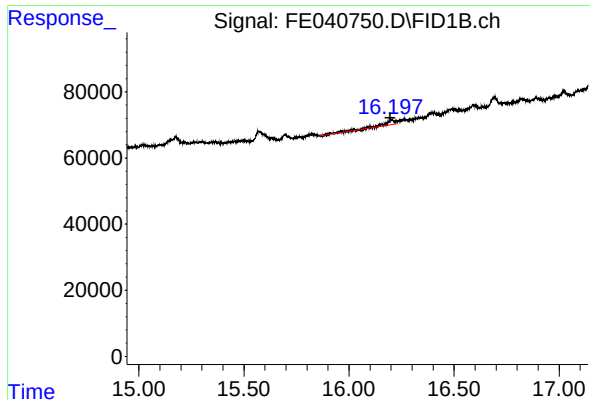
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.000 min
Response: 18928
Conc: 0.11 ug/ml



#14 n-Tetracosane (C24)

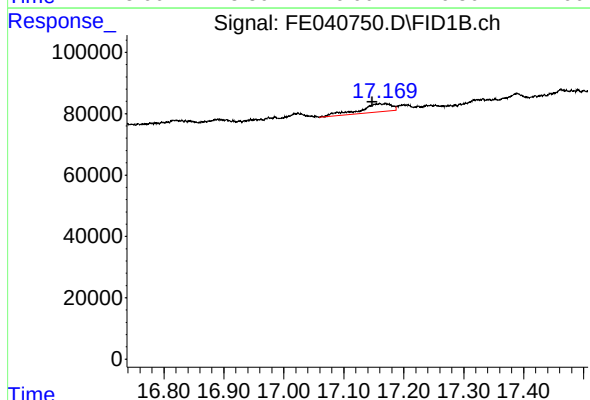
R.T.: 15.176 min
Delta R.T.: 0.002 min
Response: 70493
Conc: 0.41 ug/ml



#15 n-Hexacosane (C26)

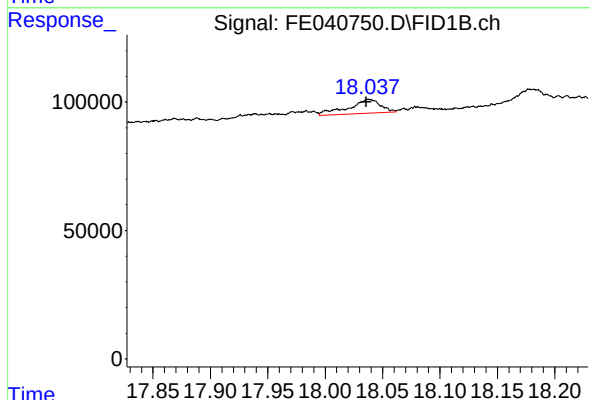
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 43647
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :



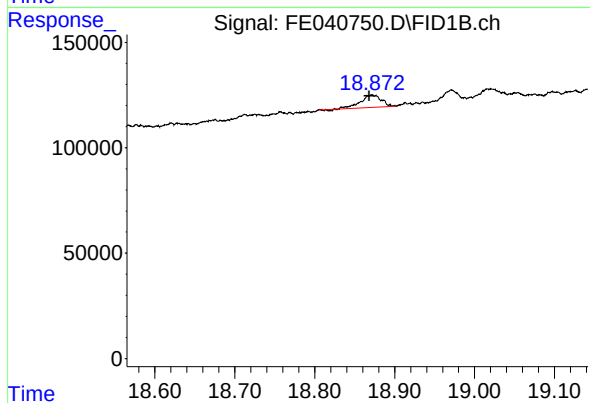
#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: 0.022 min
Response: 102282
Conc: 0.61 ug/ml



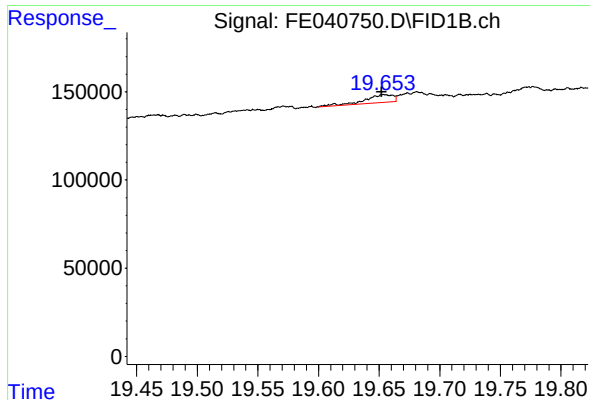
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 104928
Conc: 0.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.003 min
Response: 102337
Conc: 0.60 ug/ml



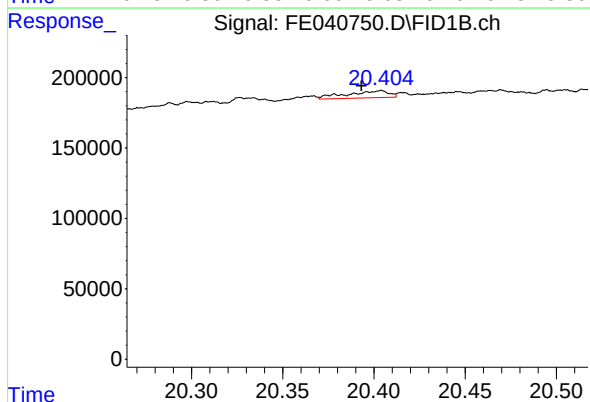
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.002 min
Response: 70561
Conc: 0.46 ug/ml

Instrument :

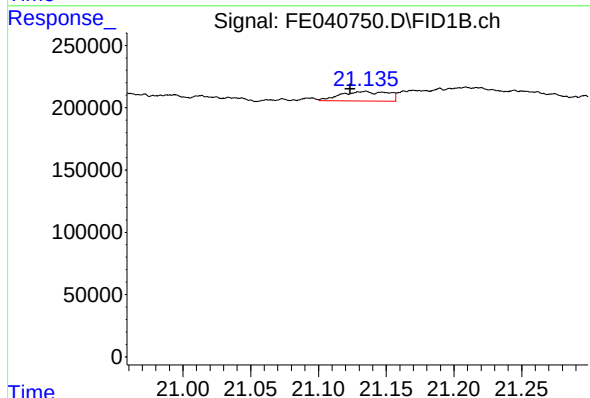
FID_E

ClientSampleId :



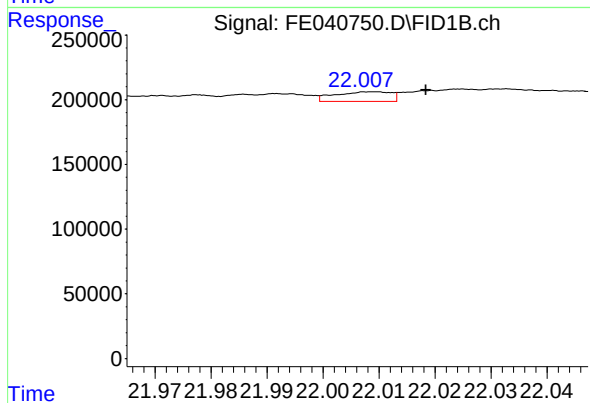
#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: 0.010 min
Response: 77135
Conc: 0.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.011 min
Response: 187658
Conc: 1.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.009 min
Response: 51940
Conc: 0.34 ug/ml