

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051974.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 18:48
 Operator : YP\AJ
 Sample : Q1133-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 21 01:06:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.222	3222977	22.550 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
12) S 1-chlorooctadecane (S...	13.580	383794	3.346 ug/ml
Spiked Amount 50.000		Recovery =	6.69%
Target Compounds			
4) T n-Dodecane (C12)	7.040	165221	1.464 ug/ml
5) T A~2-methylnaphthalene...	7.693f	114486	0.959 ug/ml
6) T n-Tetradecane (C14)	8.854	186523	1.604 ug/ml
7) T n-Hexadecane (C16)	10.452	78108	0.619 ug/ml
10) T n-Eicosane (C20)	13.162	78881	0.602 ug/ml
14) T n-Tetracosane (C24)	15.448	221768	1.670 ug/ml
15) T n-Hexacosane (C26)	16.501	143057	1.082 ug/ml
16) T n-Octacosane (C28)	17.449	242978	1.841 ug/ml
17) T n-Tricontane (C30)	18.334	492711	3.614 ug/ml
18) T n-Dotriacontane (C32)	19.162	538965	4.113 ug/ml
19) T n-Tetratriacontane (C34)	19.943	307326	2.730 ug/ml
20) T n-Hexatriacontane (C36)	20.680	187934	1.979 ug/ml
22) T n-Tetracontane (C40)	22.505	1251105	15.181 ug/ml

(f)=RT Delta > 1/2 Window

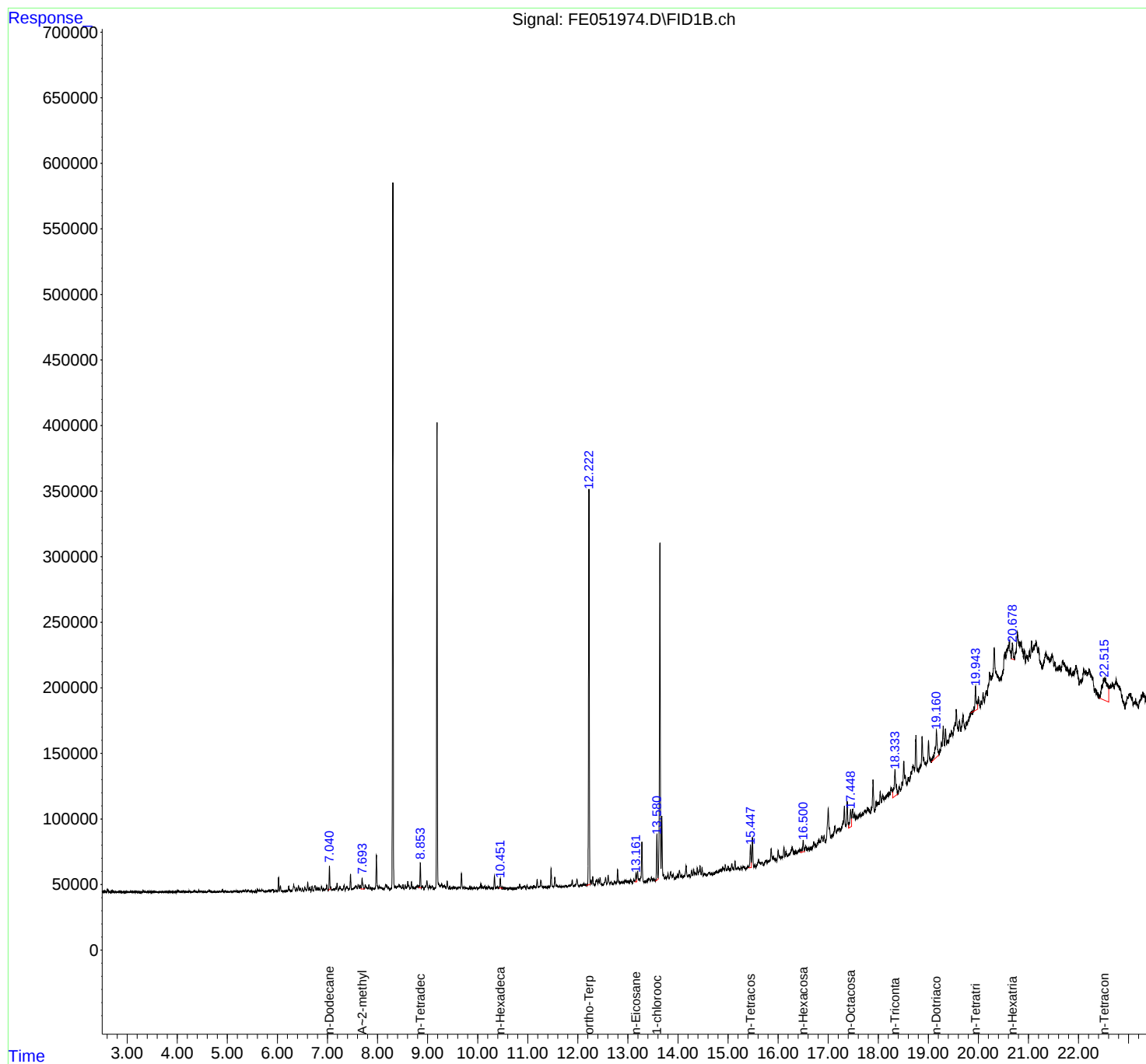
(m)=manual int.

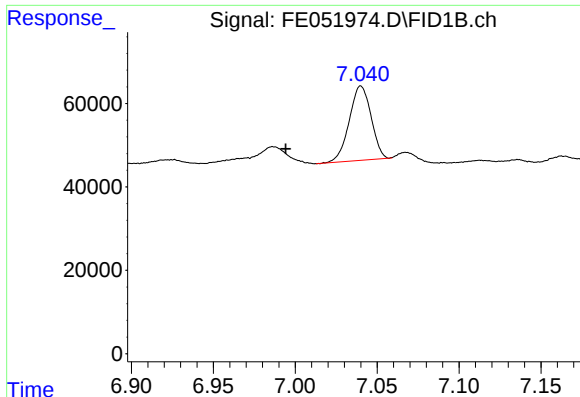
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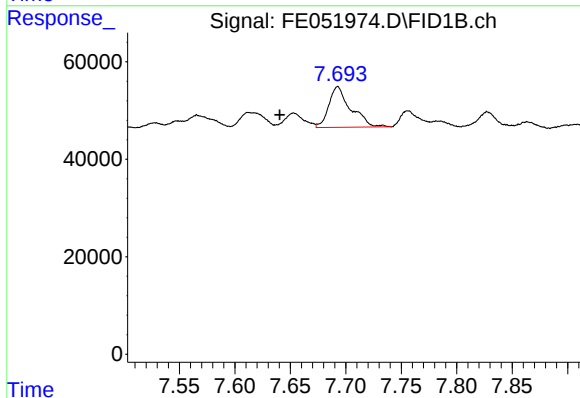




#4 n-Dodecane (C12)

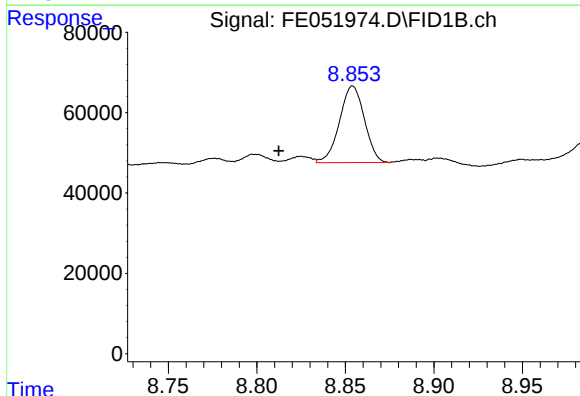
R.T.: 7.040 min
Delta R.T.: 0.046 min
Response: 165221
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :



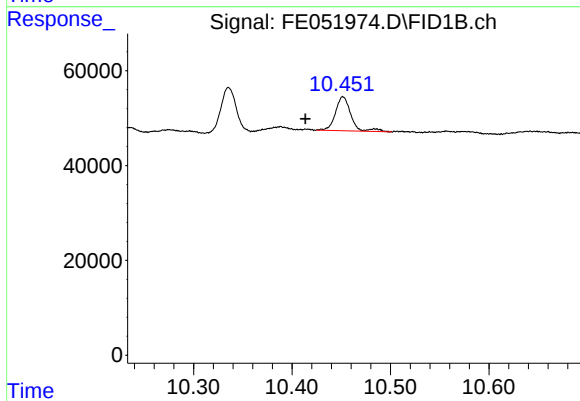
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.693 min
Delta R.T.: 0.052 min
Response: 114486
Conc: 0.96 ug/ml



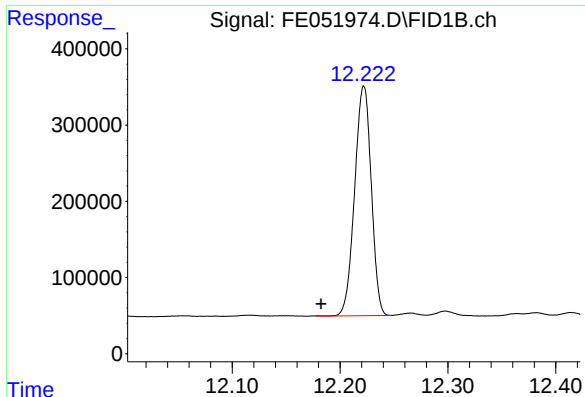
#6 n-Tetradecane (C14)

R.T.: 8.854 min
Delta R.T.: 0.042 min
Response: 186523
Conc: 1.60 ug/ml



#7 n-Hexadecane (C16)

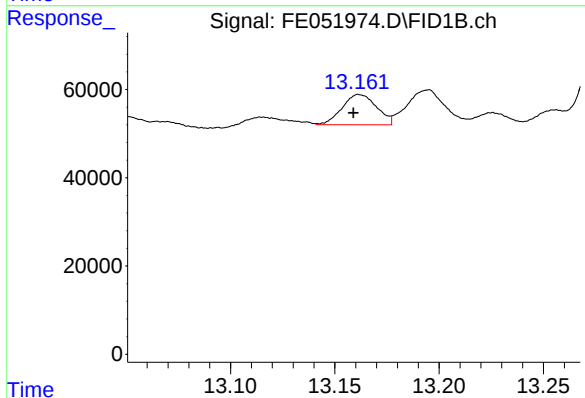
R.T.: 10.452 min
Delta R.T.: 0.038 min
Response: 78108
Conc: 0.62 ug/ml



#9 ortho-Terphenyl (SURR)

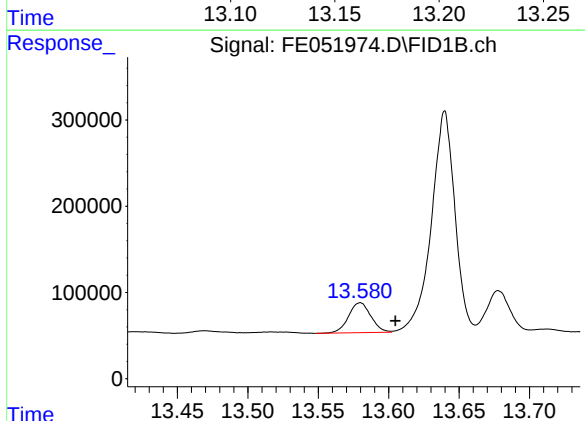
R.T.: 12.222 min
Delta R.T.: 0.040 min
Response: 3222977
Conc: 22.55 ug/ml

Instrument :
FID_E
ClientSampleId :



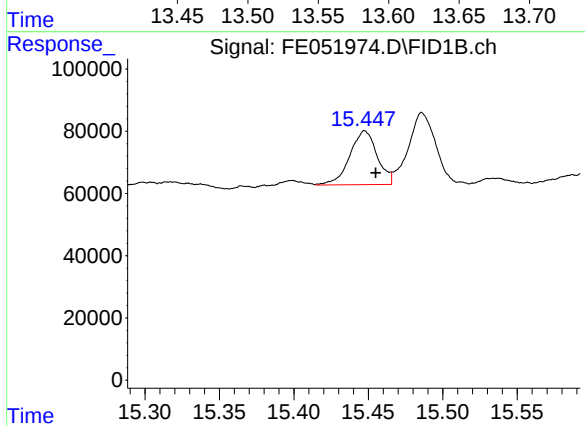
#10 n-Eicosane (C20)

R.T.: 13.162 min
Delta R.T.: 0.003 min
Response: 78881
Conc: 0.60 ug/ml



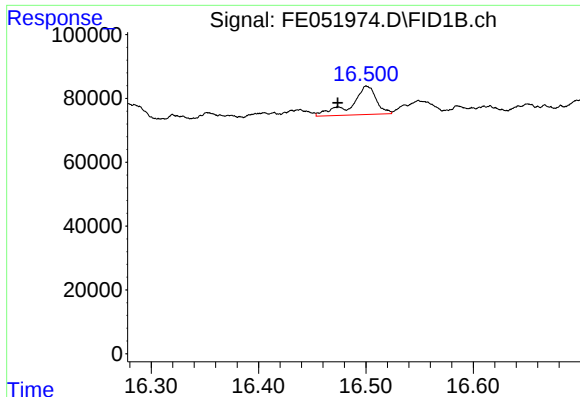
#12 1-chlorooctadecane (SURR)

R.T.: 13.580 min
Delta R.T.: -0.025 min
Response: 383794
Conc: 3.35 ug/ml



#14 n-Tetracosane (C24)

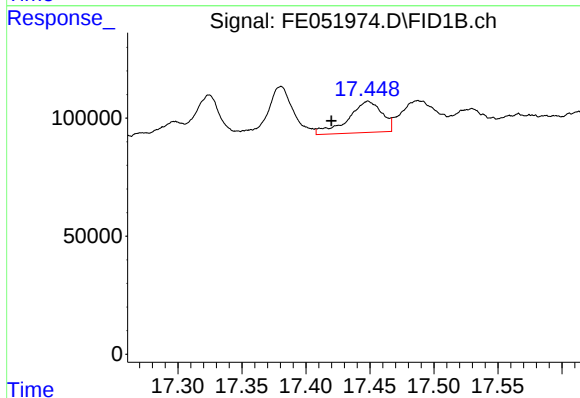
R.T.: 15.448 min
Delta R.T.: -0.007 min
Response: 221768
Conc: 1.67 ug/ml



#15 n-Hexacosane (C26)

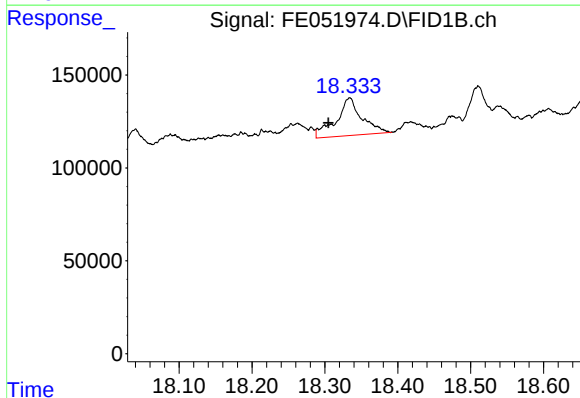
R.T.: 16.501 min
Delta R.T.: 0.027 min
Response: 143057
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :



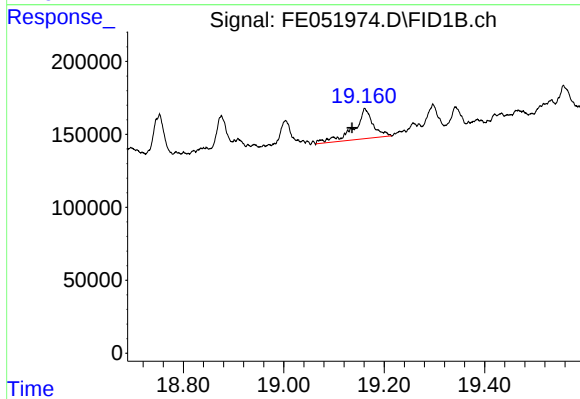
#16 n-Octacosane (C28)

R.T.: 17.449 min
Delta R.T.: 0.029 min
Response: 242978
Conc: 1.84 ug/ml



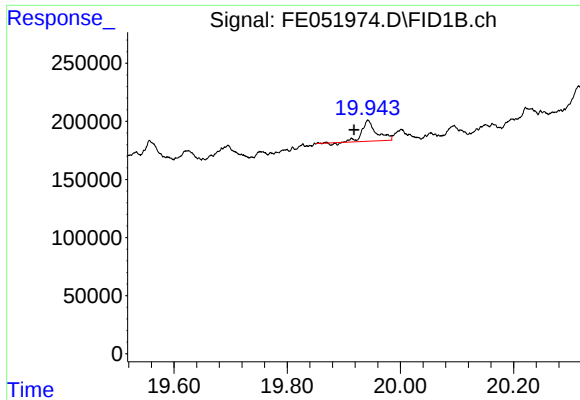
#17 n-Tricontane (C30)

R.T.: 18.334 min
Delta R.T.: 0.029 min
Response: 492711
Conc: 3.61 ug/ml



#18 n-Dotriacontane (C32)

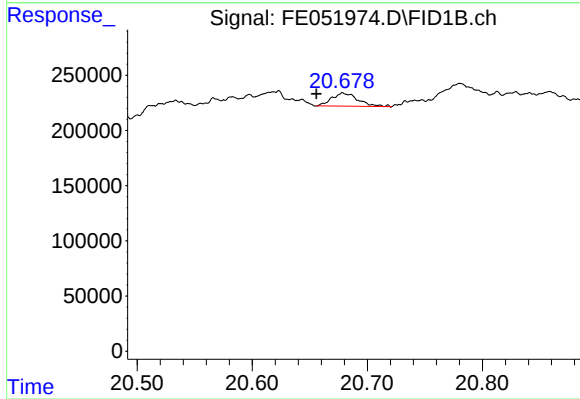
R.T.: 19.162 min
Delta R.T.: 0.026 min
Response: 538965
Conc: 4.11 ug/ml



#19 n-Tetratriacontane (C34)

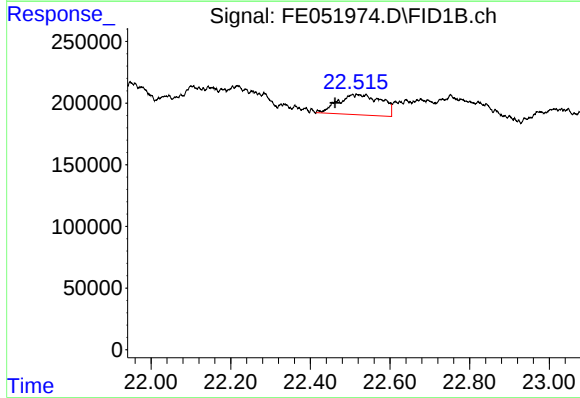
R.T.: 19.943 min
Delta R.T.: 0.025 min
Response: 307326
Conc: 2.73 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.680 min
Delta R.T.: 0.024 min
Response: 187934
Conc: 1.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.505 min
Delta R.T.: 0.043 min
Response: 1251105
Conc: 15.18 ug/ml