

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052569.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 18:17
 Operator : YP\AJ
 Sample : Q1457-02DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 22:11:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.915	582162	3.114 ug/ml
Spiked Amount 50.000		Recovery =	6.23%
12) S 1-chlorooctadecane (S...	13.361	408207	2.937 ug/ml
Spiked Amount 50.000		Recovery =	5.87%
Target Compounds			
4) T n-Dodecane (C12)	6.697	296879	1.881 ug/ml
5) T A~2-methylnaphthalene...	7.337	224632	1.337 ug/ml
6) T n-Tetradecane (C14)	8.535	687874	4.367 ug/ml
7) T n-Hexadecane (C16)	10.151	690287	4.224 ug/ml
8) T n-Octadecane (C18)	11.600	590556	3.569 ug/ml
10) T n-Eicosane (C20)	12.915	391049	2.453 ug/ml
11) T n-Heneicosane (C21)	13.530	269819	1.722 ug/ml
13) T n-Docosane (C22)	14.118	179229	1.145 ug/ml
17) T n-Tricontane (C30)	18.091	423656	2.714 ug/ml
18) T n-Dotriacontane (C32)	18.928	174122	1.138 ug/ml
19) T n-Tetratriacontane (C34)	19.712	150228	1.056 ug/ml
20) T n-Hexatriacontane (C36)	20.455	96677	0.776 ug/ml
22) T n-Tetracontane (C40)	22.125	302030	3.003 ug/ml

(f)=RT Delta > 1/2 Window

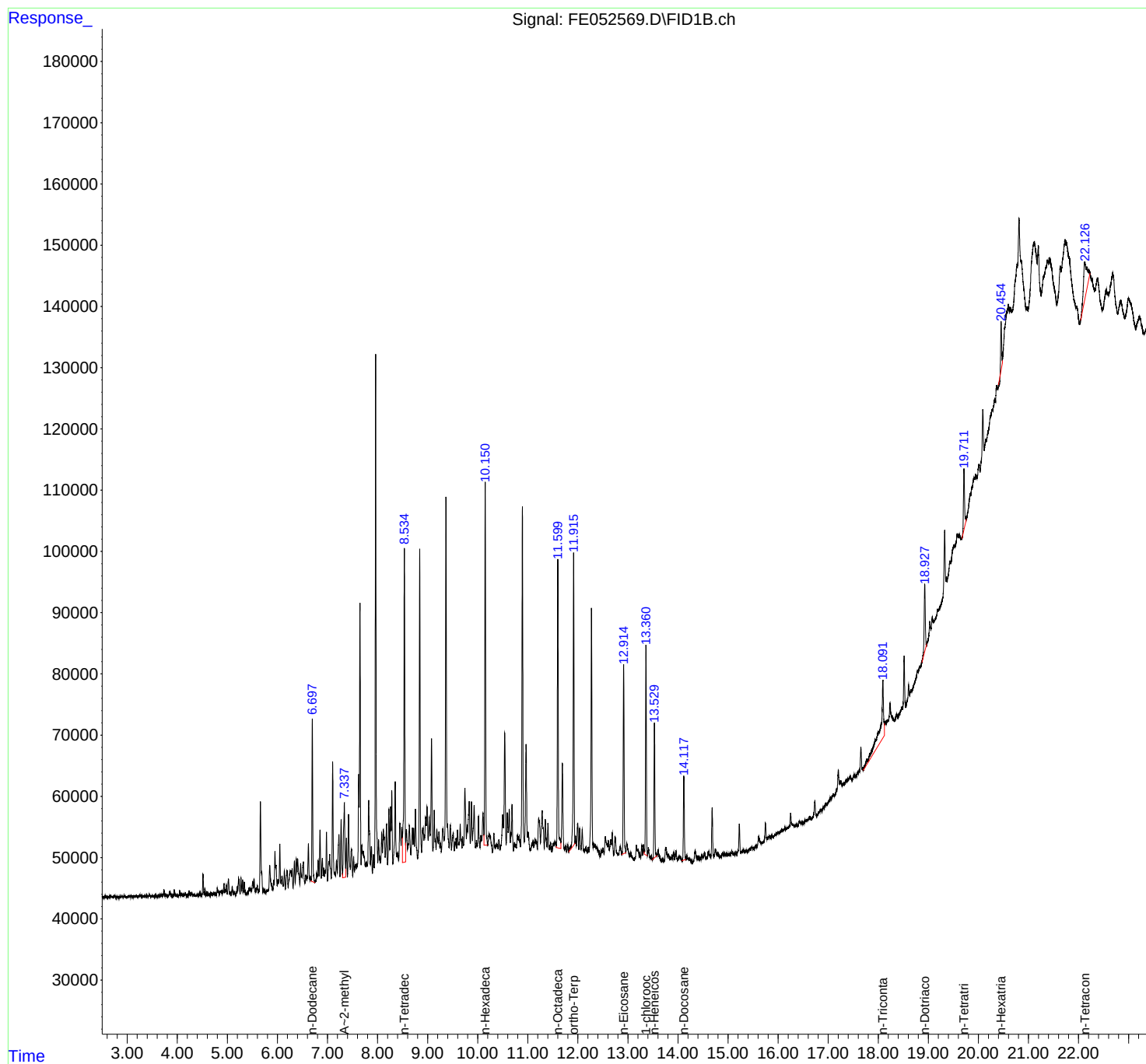
(m)=manual int.

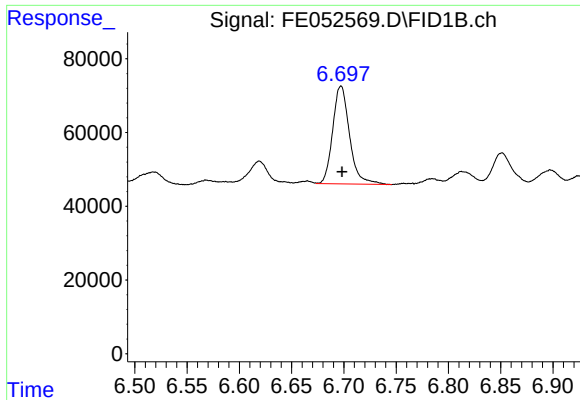
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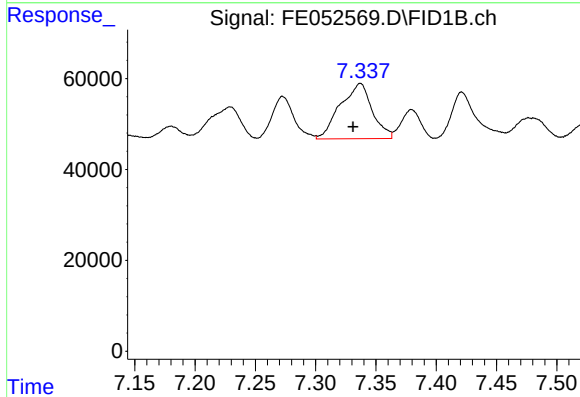




#4 n-Dodecane (C12)

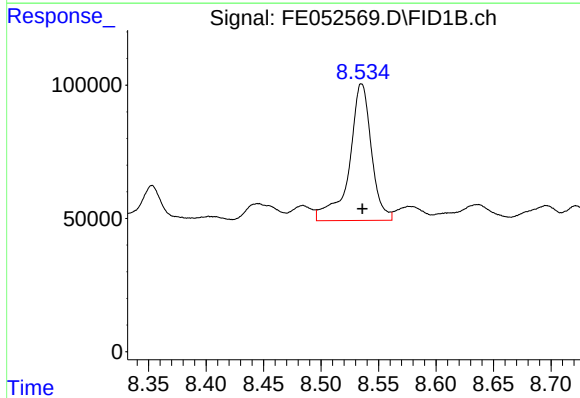
R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 296879
Conc: 1.88 ug/ml

Instrument :
FID_E
ClientSampleId :



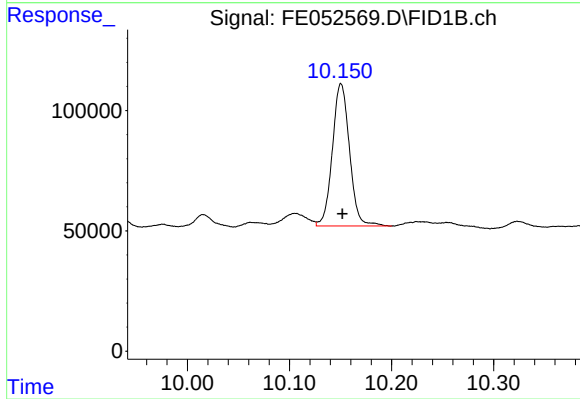
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 224632
Conc: 1.34 ug/ml



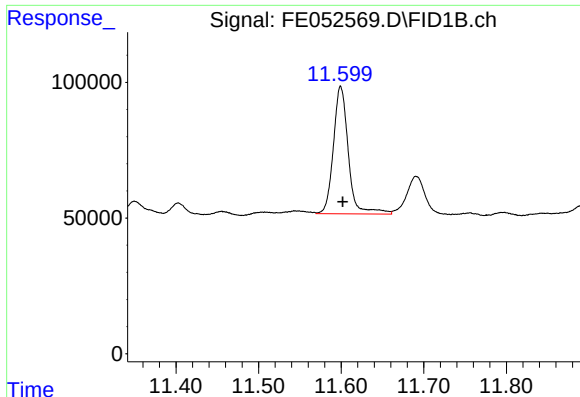
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 687874
Conc: 4.37 ug/ml



#7 n-Hexadecane (C16)

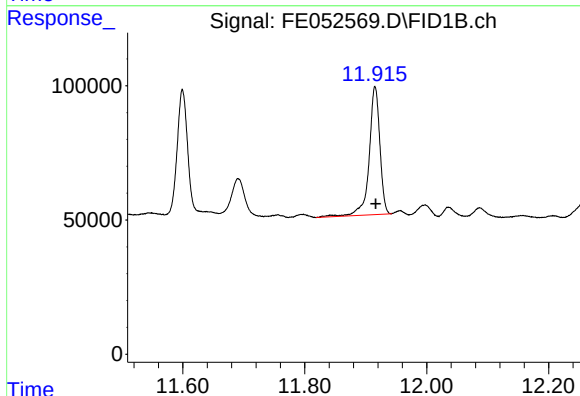
R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 690287
Conc: 4.22 ug/ml



#8 n-Octadecane (C18)

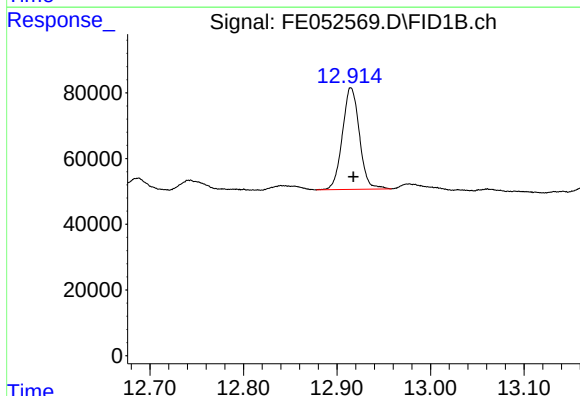
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 590556
Conc: 3.57 ug/ml

Instrument :
FID_E
ClientSampleId :



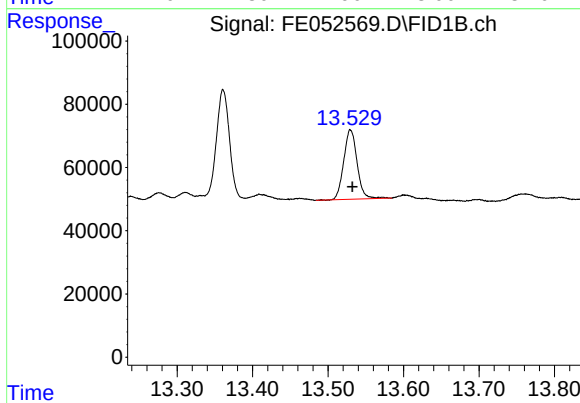
#9 ortho-Terphenyl (SURR)

R.T.: 11.915 min
Delta R.T.: -0.001 min
Response: 582162
Conc: 3.11 ug/ml



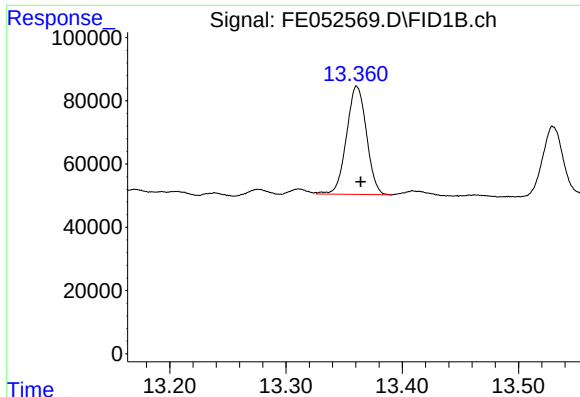
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 391049
Conc: 2.45 ug/ml



#11 n-Heneicosane (C21)

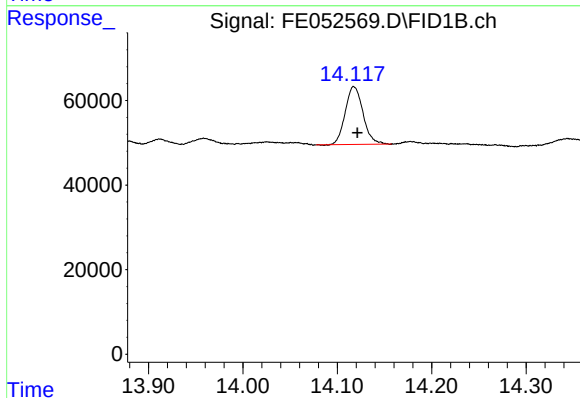
R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 269819
Conc: 1.72 ug/ml



#12 1-chlorooctadecane (SURR)

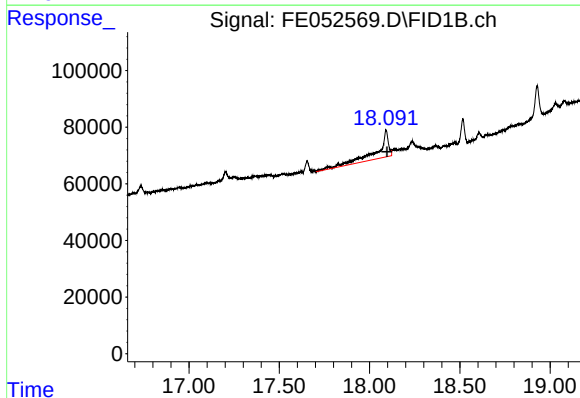
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 408207
Conc: 2.94 ug/ml

Instrument :
FID_E
ClientSampleId :



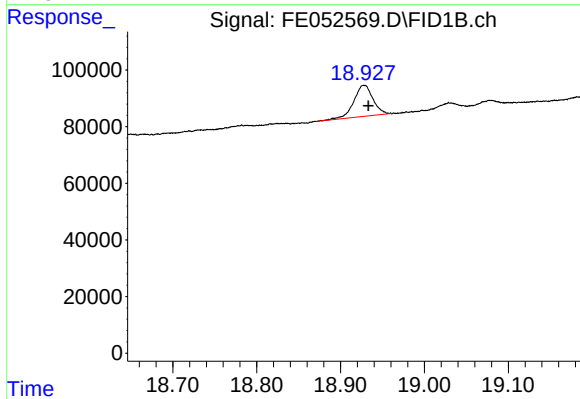
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 179229
Conc: 1.15 ug/ml



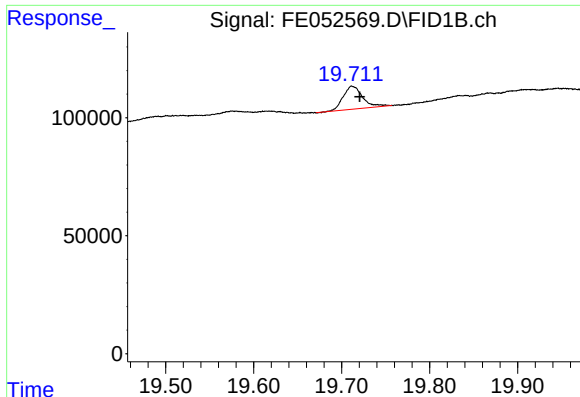
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 423656
Conc: 2.71 ug/ml



#18 n-Dotriacontane (C32)

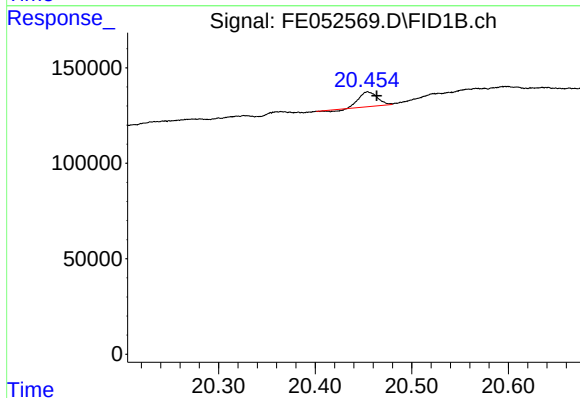
R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 174122
Conc: 1.14 ug/ml



#19 n-Tetratriacontane (C34)

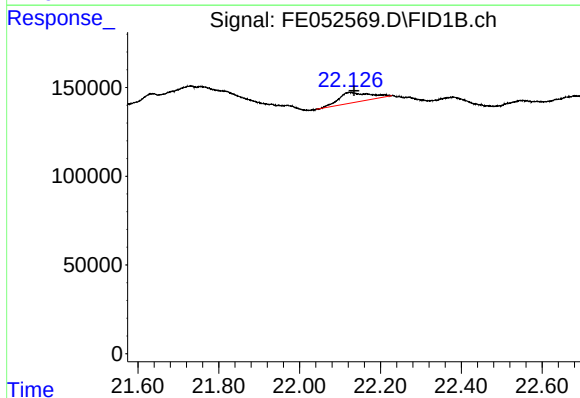
R.T.: 19.712 min
Delta R.T.: -0.008 min
Response: 150228
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 96677
Conc: 0.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.011 min
Response: 302030
Conc: 3.00 ug/ml