

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051625AL\
 Data File : FE053874.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2025 14:38
 Operator : YP\AJ
 Sample : Q2038-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11991

Integration File: autoint1.e
 Quant Time: May 17 05:08:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.853	6018040	37.031 ug/ml
Spiked Amount 50.000		Recovery =	74.06%
12) S 1-chlorooctadecane (S...	13.298	5168847	43.601 ug/ml
Spiked Amount 50.000		Recovery =	87.20%
Target Compounds			
5) T A~2-methylnaphthalene...	7.282	150550	1.085 ug/ml
7) T n-Hexadecane (C16)	10.105	372183	2.758 ug/ml
10) T n-Eicosane (C20)	12.911f	3113883	23.693 ug/ml
13) T n-Docosane (C22)	13.988f	104666	0.820 ug/ml
14) T n-Tetracosane (C24)	15.140	500563	4.001 ug/ml
19) T n-Tetratriacontane (C34)	19.705f	246160	2.066 ug/ml

(f)=RT Delta > 1/2 Window

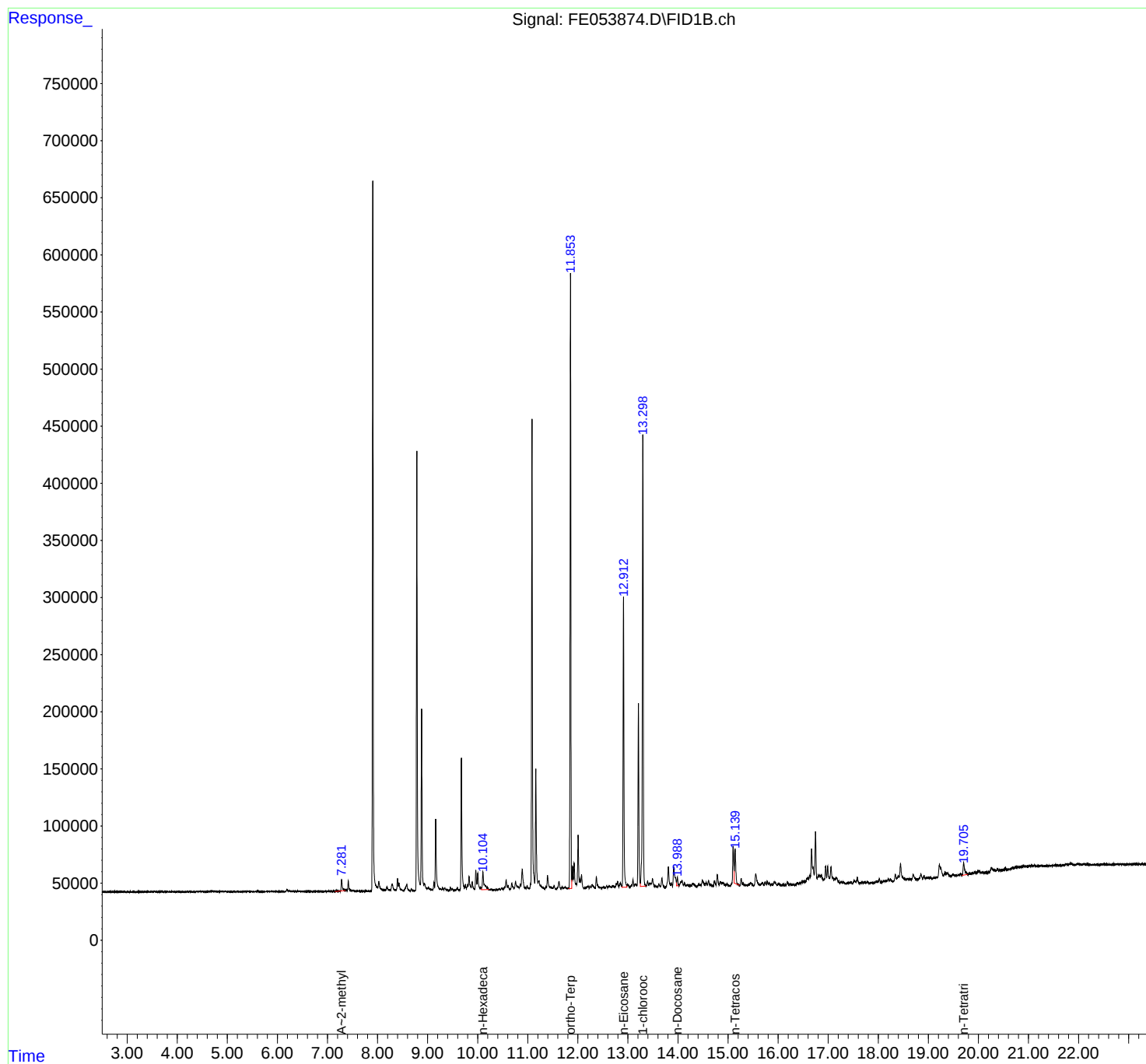
(m)=manual int.

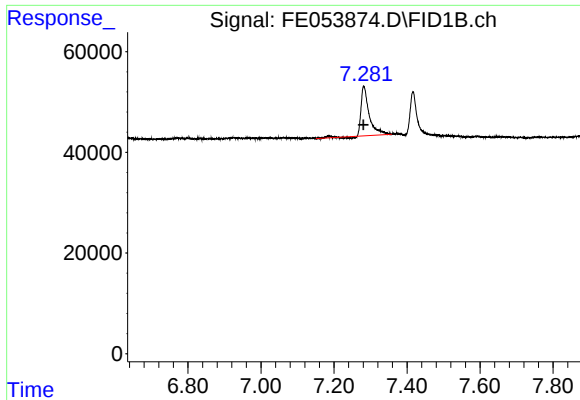
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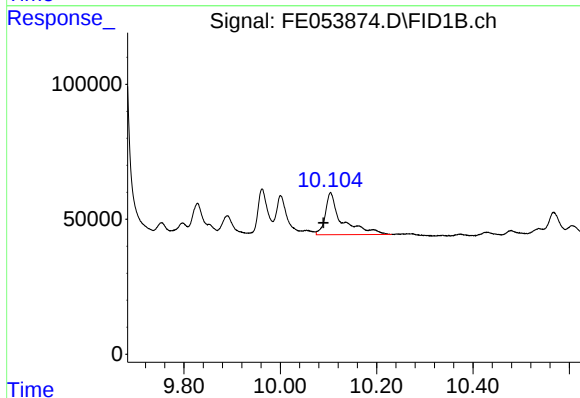




#5 A~2-methylnaphthalene (C12.89)

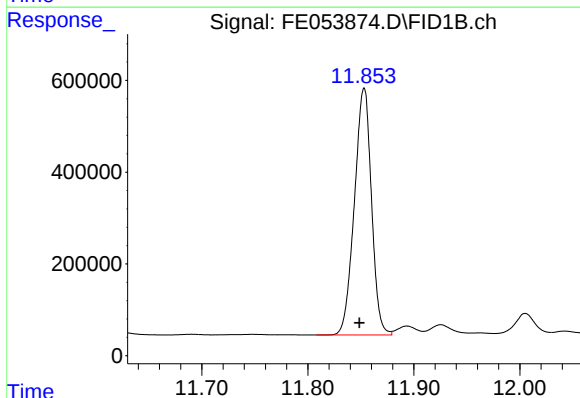
R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 150550
Conc: 1.09 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11991



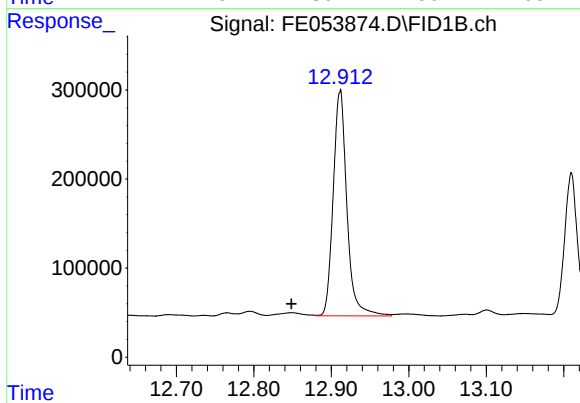
#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.015 min
Response: 372183
Conc: 2.76 ug/ml



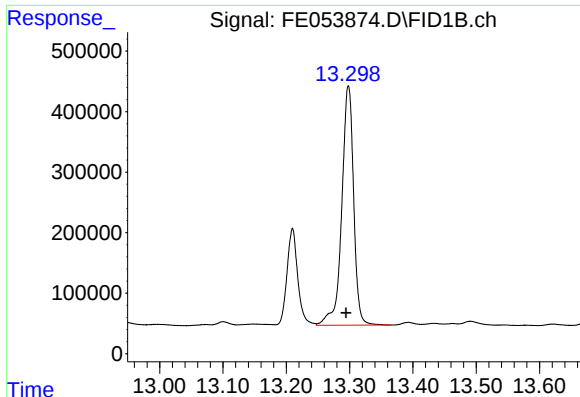
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: 0.004 min
Response: 6018040
Conc: 37.03 ug/ml



#10 n-Eicosane (C20)

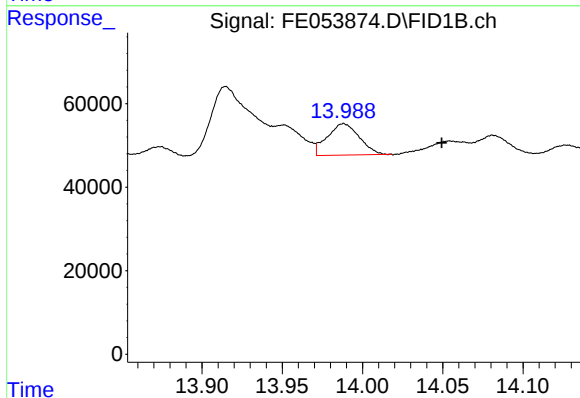
R.T.: 12.911 min
Delta R.T.: 0.063 min
Response: 3113883
Conc: 23.69 ug/ml



#12 1-chlorooctadecane (SURR)

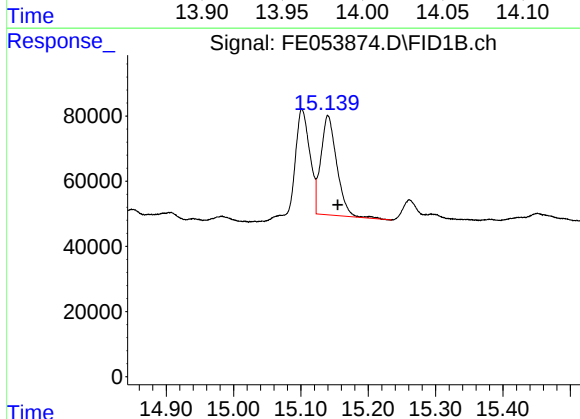
R.T.: 13.298 min
Delta R.T.: 0.004 min
Response: 5168847
Conc: 43.60 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11991



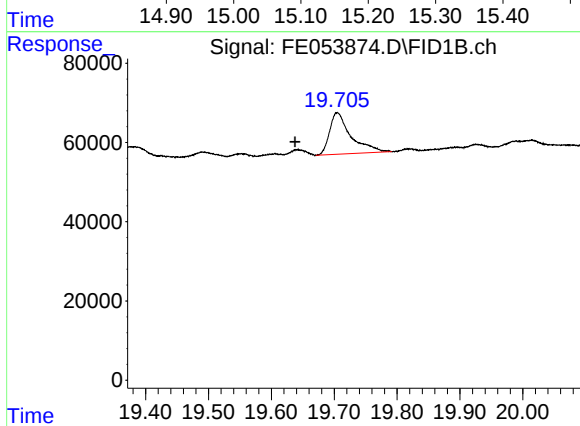
#13 n-Docosane (C22)

R.T.: 13.988 min
Delta R.T.: -0.061 min
Response: 104666
Conc: 0.82 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.014 min
Response: 500563
Conc: 4.00 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.067 min
Response: 246160
Conc: 2.07 ug/ml