

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042925AL\
 Data File : FE053568.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2025 14:43
 Operator : YP\AJ
 Sample : Q1902-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 343

Integration File: autoint1.e
 Quant Time: Apr 30 02:41:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.871	6087501	33.752 ug/ml
Spiked Amount 50.000		Recovery =	67.50%
12) S 1-chlorooctadecane (S...	13.316	6046273	44.729 ug/ml
Spiked Amount 50.000		Recovery =	89.46%
Target Compounds			
5) T A~2-methylnaphthalene...	7.295	130062	0.871 ug/ml
6) T n-Tetradecane (C14)	8.440f	296331	2.112 ug/ml
7) T n-Hexadecane (C16)	10.116	542860	3.788 ug/ml
8) T n-Octadecane (C18)	11.636f	291304	1.999 ug/ml
10) T n-Eicosane (C20)	12.872	345451	2.374 ug/ml
11) T n-Heneicosane (C21)	13.499	272596	1.882 ug/ml
13) T n-Docosane (C22)	14.095	402445	2.789 ug/ml
14) T n-Tetracosane (C24)	15.153	791385	5.509 ug/ml
16) T n-Octacosane (C28)	17.161	214165	1.539 ug/ml

(f)=RT Delta > 1/2 Window

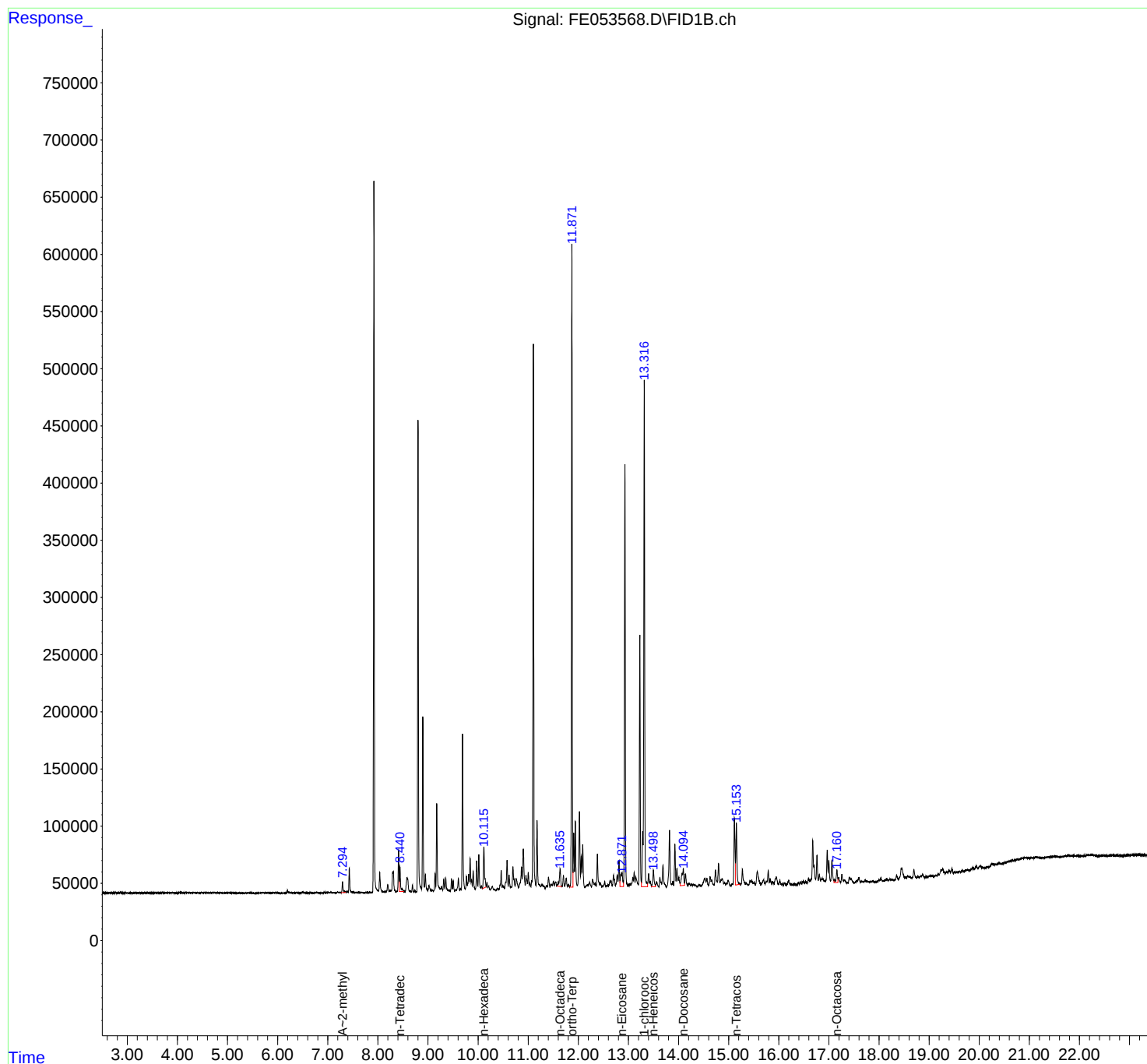
(m)=manual int.

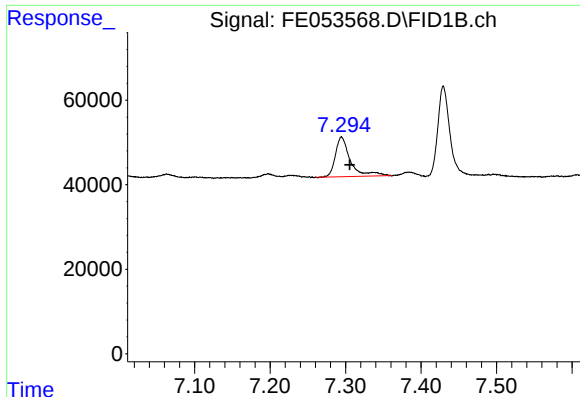
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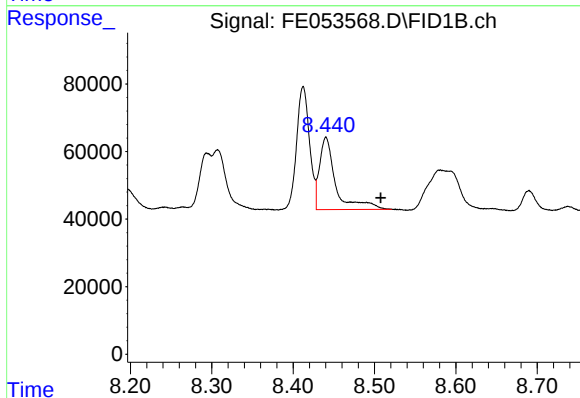




#5 A~2-methylnaphthalene (C12.89)

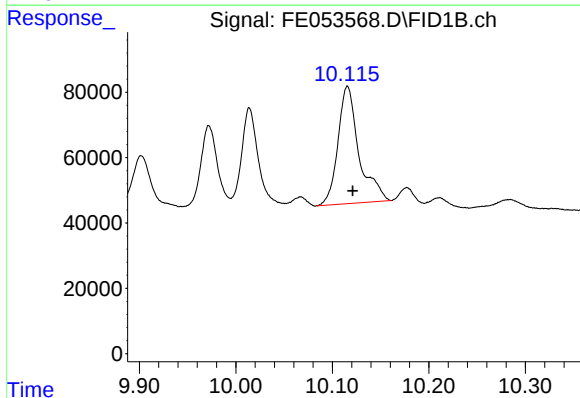
R.T.: 7.295 min
Delta R.T.: -0.011 min
Response: 130062
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :
343



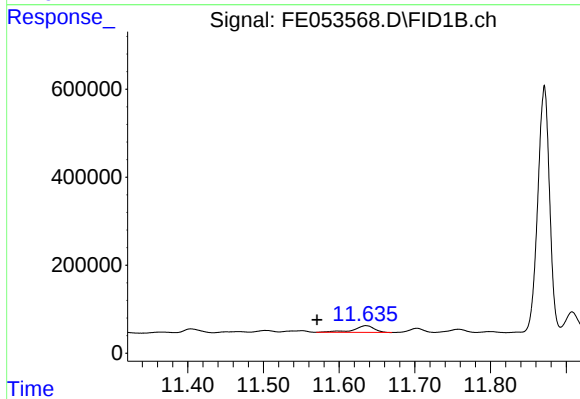
#6 n-Tetradecane (C14)

R.T.: 8.440 min
Delta R.T.: -0.067 min
Response: 296331
Conc: 2.11 ug/ml



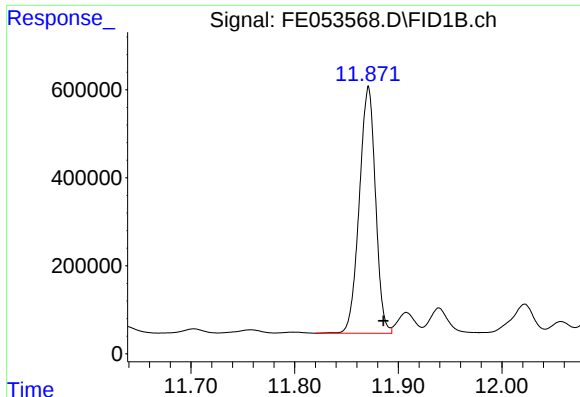
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.005 min
Response: 542860
Conc: 3.79 ug/ml



#8 n-Octadecane (C18)

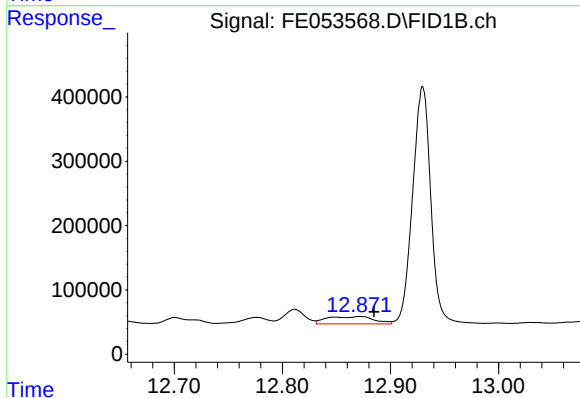
R.T.: 11.636 min
Delta R.T.: 0.065 min
Response: 291304
Conc: 2.00 ug/ml



#9 ortho-Terphenyl (SURR)

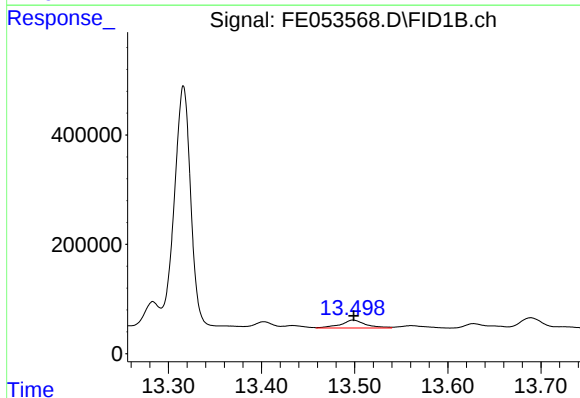
R.T.: 11.871 min
Delta R.T.: -0.015 min
Response: 6087501
Conc: 33.75 ug/ml

Instrument :
FID_E
ClientSampleId :
343



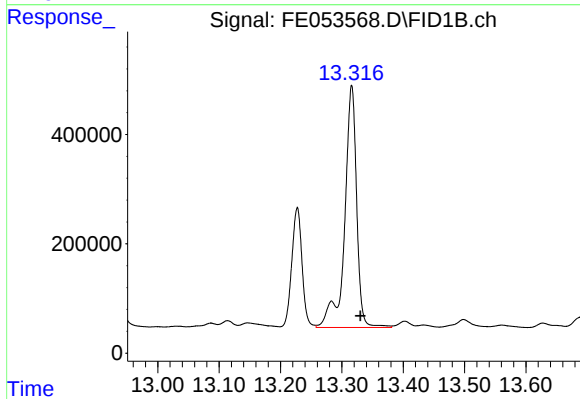
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.013 min
Response: 345451
Conc: 2.37 ug/ml



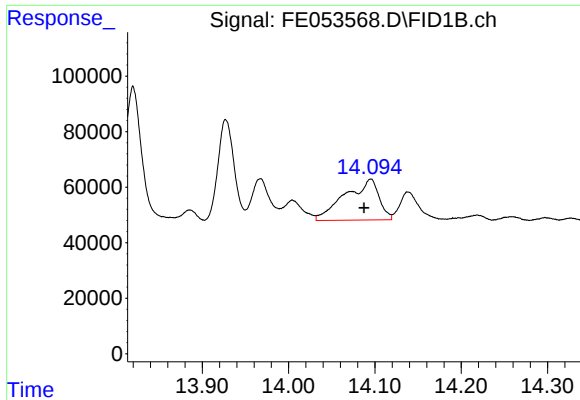
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: 0.000 min
Response: 272596
Conc: 1.88 ug/ml



#12 1-chlorooctadecane (SURR)

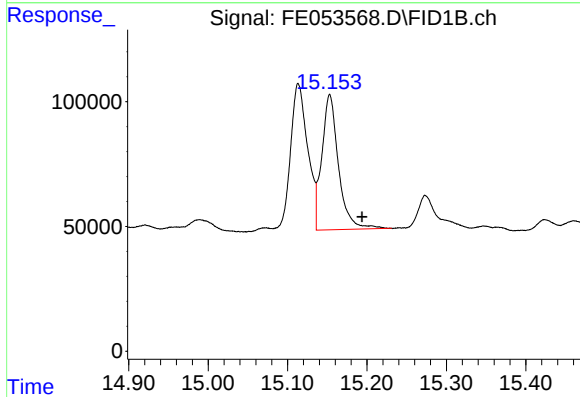
R.T.: 13.316 min
Delta R.T.: -0.014 min
Response: 6046273
Conc: 44.73 ug/ml



#13 n-Docosane (C22)

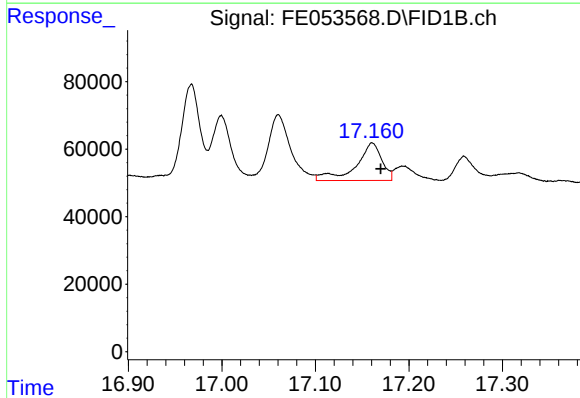
R.T.: 14.095 min
Delta R.T.: 0.008 min
Response: 402445
Conc: 2.79 ug/ml

Instrument :
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ClientSampleId :
343



#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.041 min
Response: 791385
Conc: 5.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.161 min
Delta R.T.: -0.009 min
Response: 214165
Conc: 1.54 ug/ml