

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053594.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 18:43
 Operator : YP\AJ
 Sample : Q1912-05D
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-F

Integration File: autoint1.e
 Quant Time: May 01 01:49:21 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)	11.870	6976562	38.681 ug/ml
Spiked Amount 50.000		Recovery =	77.36%
12) S 1-chlorooctadecane (S...	13.314	5972821	44.186 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.192	127031	0.842 ug/ml
5) T A~2-methylnaphthalene...	7.290	609623	4.083 ug/ml
7) T n-Hexadecane (C16)	10.113	465182	3.246 ug/ml
8) T n-Octadecane (C18)	11.625f	840312	5.766 ug/ml
10) T n-Eicosane (C20)	12.873	674017	4.632 ug/ml
11) T n-Heneicosane (C21)	13.506	623950	4.308 ug/ml
13) T n-Docosane (C22)	14.095	1418501	9.830 ug/ml
14) T n-Tetracosane (C24)	15.152	1970959	13.721 ug/ml
16) T n-Octacosane (C28)	17.160	508498	3.655 ug/ml

(f)=RT Delta > 1/2 Window

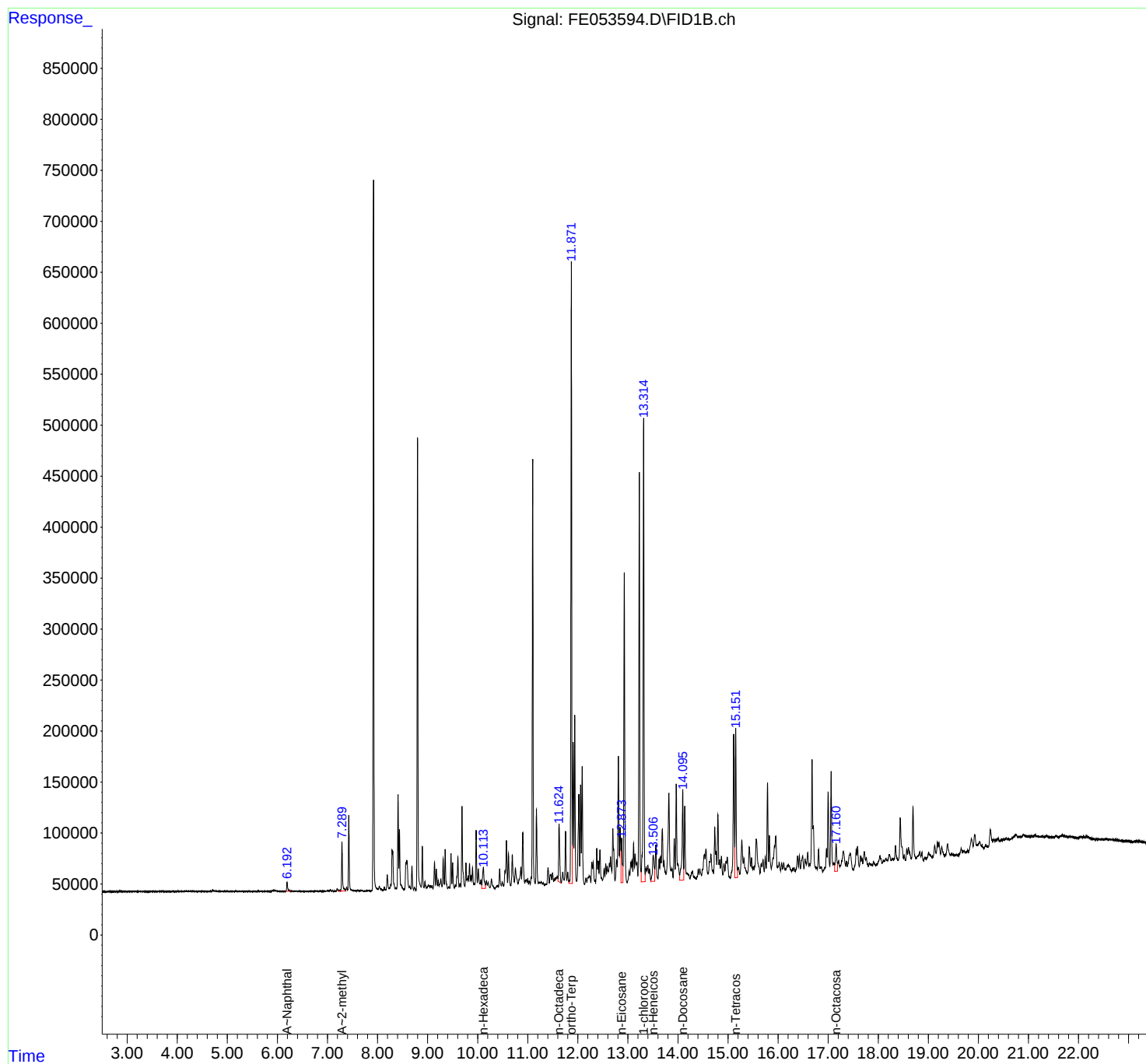
(m)=manual int.

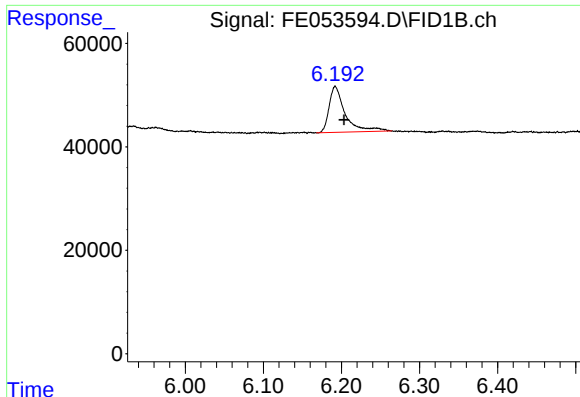
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Signal Info : 20M x 0.18mm x 0.18um

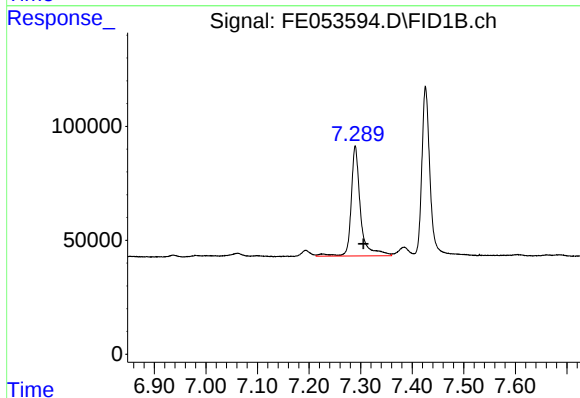




#3 A~Naphthalene (C11.7)

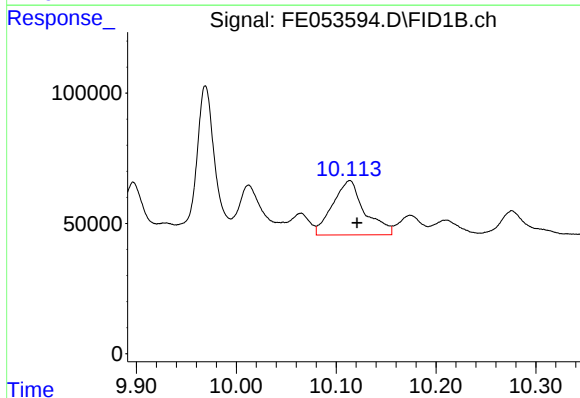
R.T.: 6.192 min
Delta R.T.: -0.011 min
Response: 127031
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



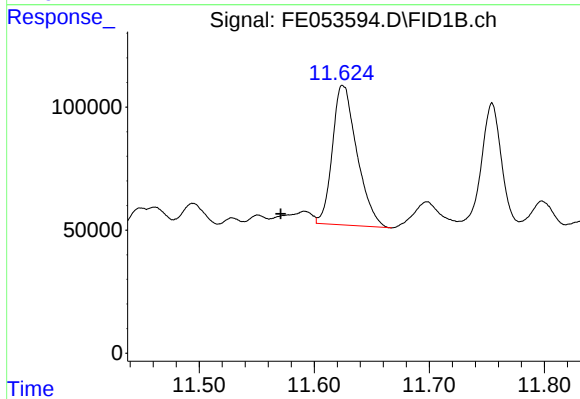
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: -0.016 min
Response: 609623
Conc: 4.08 ug/ml



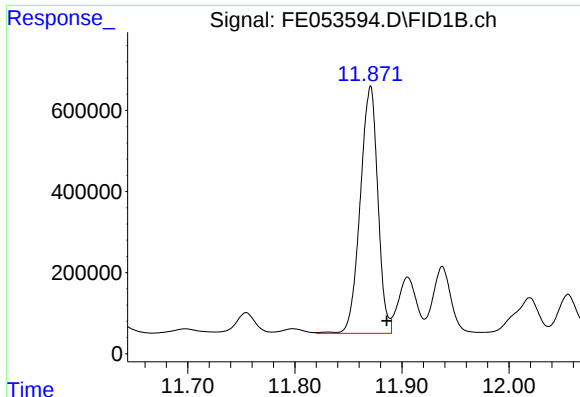
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.008 min
Response: 465182
Conc: 3.25 ug/ml



#8 n-Octadecane (C18)

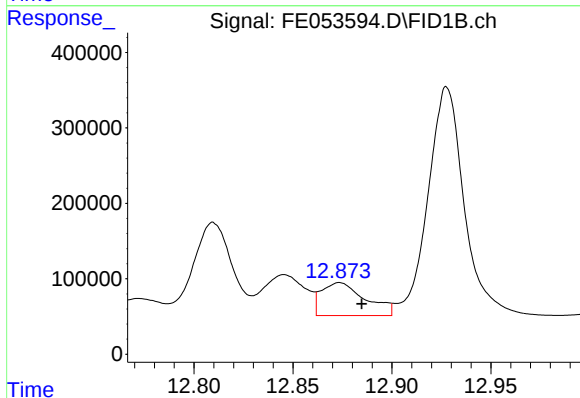
R.T.: 11.625 min
Delta R.T.: 0.054 min
Response: 840312
Conc: 5.77 ug/ml



#9 ortho-Terphenyl (SURR)

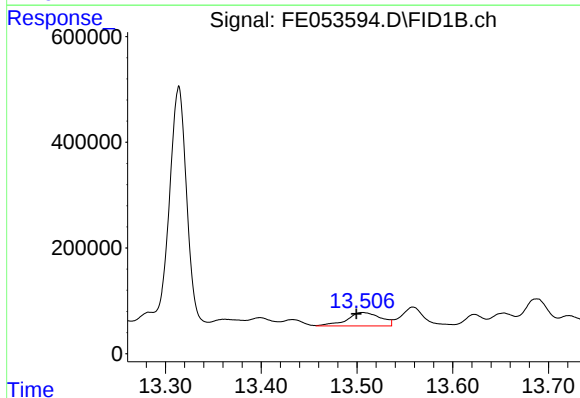
R.T.: 11.870 min
Delta R.T.: -0.016 min
Response: 6976562
Conc: 38.68 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



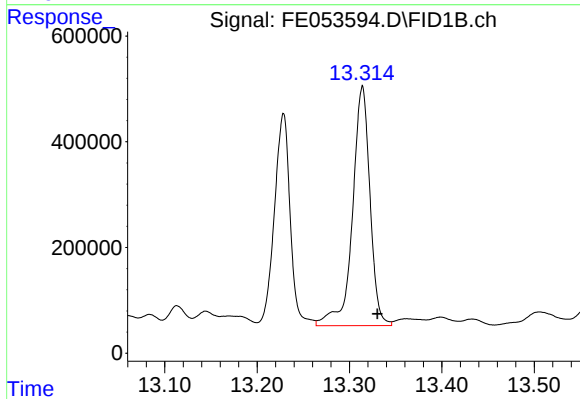
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 674017
Conc: 4.63 ug/ml



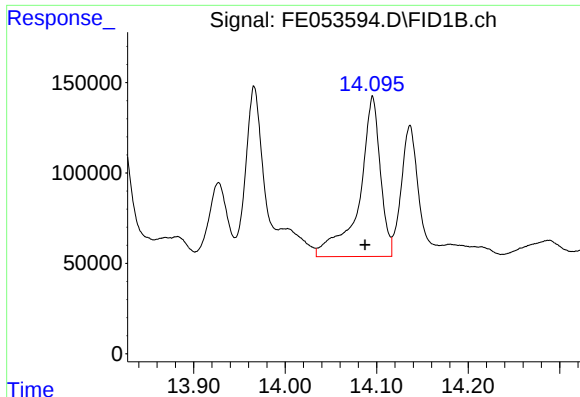
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: 0.007 min
Response: 623950
Conc: 4.31 ug/ml



#12 1-chlorooctadecane (SURR)

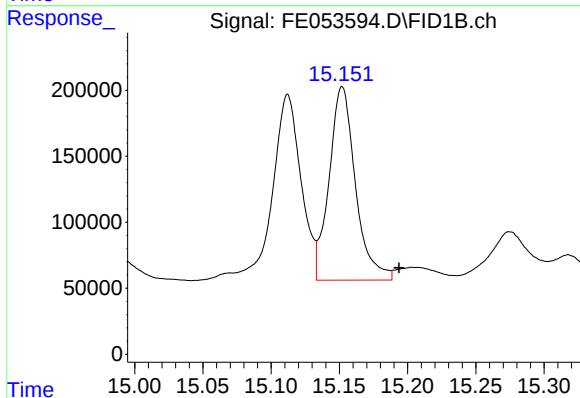
R.T.: 13.314 min
Delta R.T.: -0.016 min
Response: 5972821
Conc: 44.19 ug/ml



#13 n-Docosane (C22)

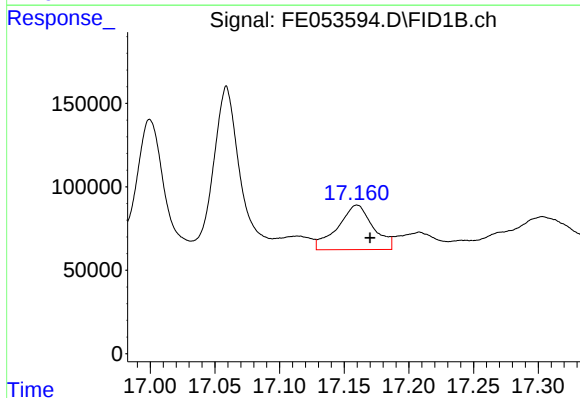
R.T.: 14.095 min
Delta R.T.: 0.008 min
Response: 1418501
Conc: 9.83 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.042 min
Response: 1970959
Conc: 13.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.010 min
Response: 508498
Conc: 3.65 ug/ml