

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053593.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 18:13
 Operator : YP\AJ
 Sample : Q1912-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-F

Integration File: autoint1.e
 Quant Time: May 01 01:49:03 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	6715092	37.231 ug/ml
Spiked Amount 50.000		Recovery =	74.46%
12) S 1-chlorooctadecane (S...	13.315	5776916	42.736 ug/ml
Spiked Amount 50.000		Recovery =	85.47%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.193	120640	0.799 ug/ml
5) T A~2-methylnaphthalene...	7.291	595685	3.990 ug/ml
6) T n-Tetradecane (C14)	8.438f	739761	5.273 ug/ml
7) T n-Hexadecane (C16)	10.113	450989	3.147 ug/ml
8) T n-Octadecane (C18)	11.626f	811488	5.568 ug/ml
10) T n-Eicosane (C20)	12.874	653762	4.493 ug/ml
11) T n-Heneicosane (C21)	13.506	606630	4.188 ug/ml
13) T n-Docosane (C22)	14.095	1363590	9.449 ug/ml
14) T n-Tetracosane (C24)	15.153	1903538	13.252 ug/ml
16) T n-Octacosane (C28)	17.159	501139	3.602 ug/ml
17) T n-Tricontane (C30)	18.032	136707	0.982 ug/ml
19) T n-Tetratriacontane (C34)	19.656	103353	0.793 ug/ml

(f)=RT Delta > 1/2 Window

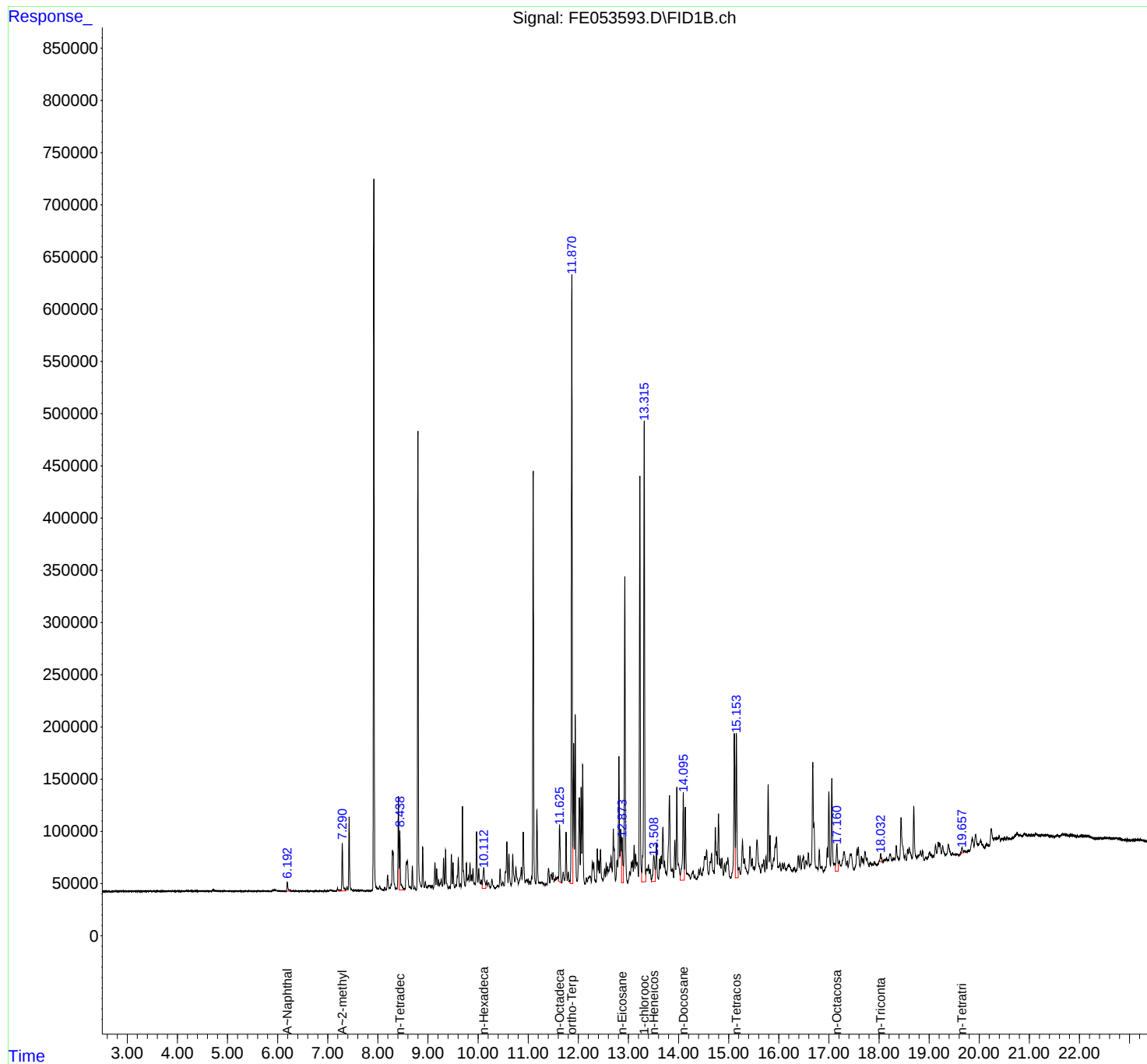
(m)=manual int.

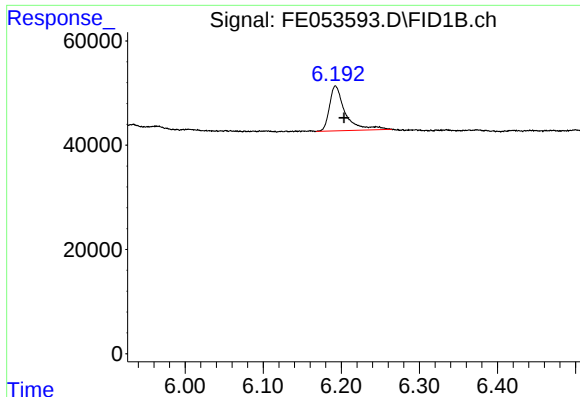
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Operator : YP\AJ
Sample : Q1912-05
Misc :
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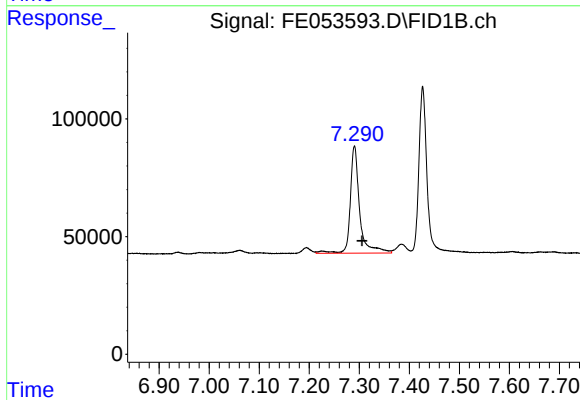




#3 A~Naphthalene (C11.7)

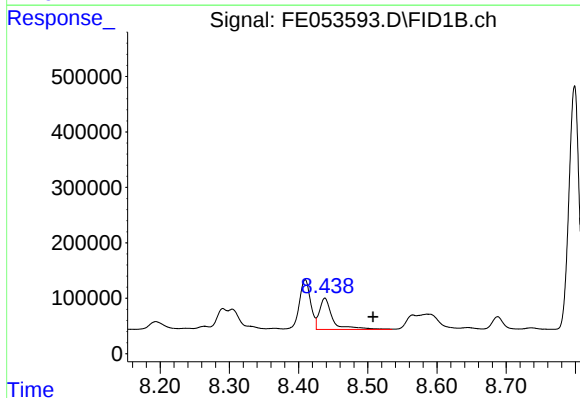
R.T.: 6.193 min
Delta R.T.: -0.010 min
Response: 120640
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



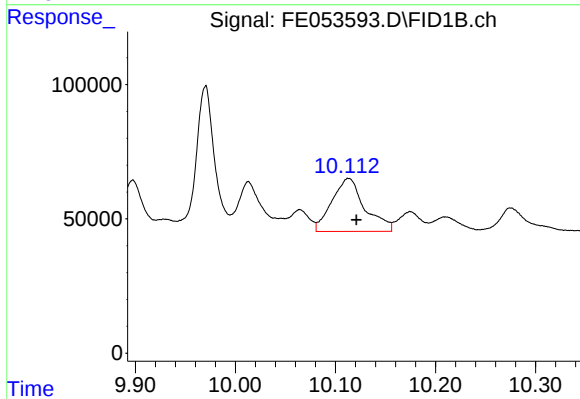
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: -0.015 min
Response: 595685
Conc: 3.99 ug/ml



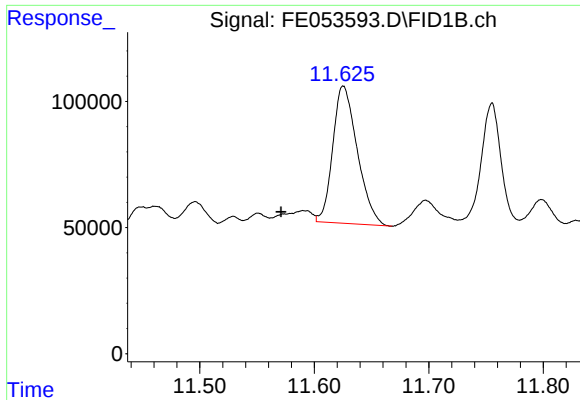
#6 n-Tetradecane (C14)

R.T.: 8.438 min
Delta R.T.: -0.070 min
Response: 739761
Conc: 5.27 ug/ml



#7 n-Hexadecane (C16)

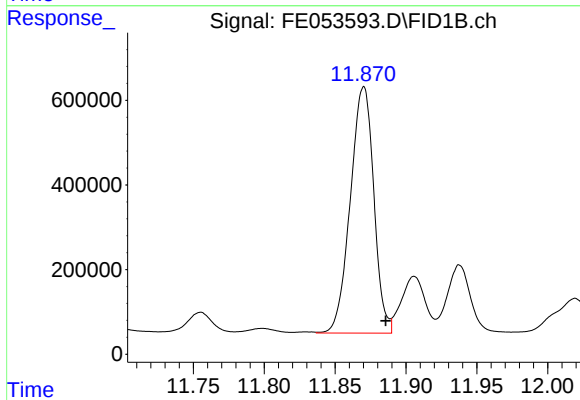
R.T.: 10.113 min
Delta R.T.: -0.008 min
Response: 450989
Conc: 3.15 ug/ml



#8 n-Octadecane (C18)

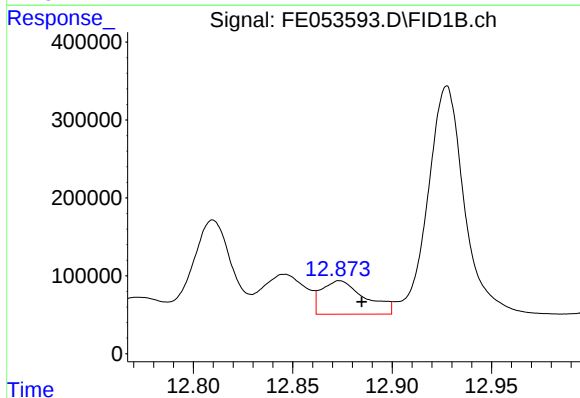
R.T.: 11.626 min
Delta R.T.: 0.055 min
Response: 811488
Conc: 5.57 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



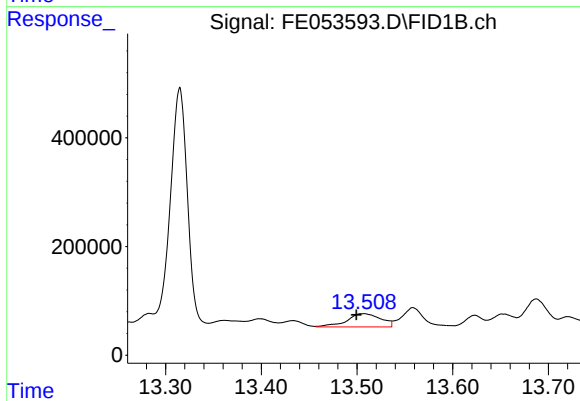
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.016 min
Response: 6715092
Conc: 37.23 ug/ml



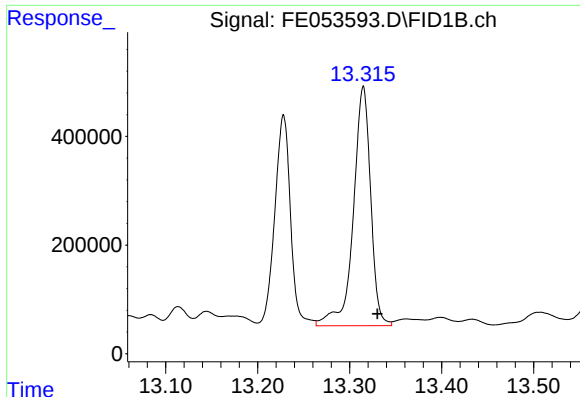
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.011 min
Response: 653762
Conc: 4.49 ug/ml



#11 n-Heneicosane (C21)

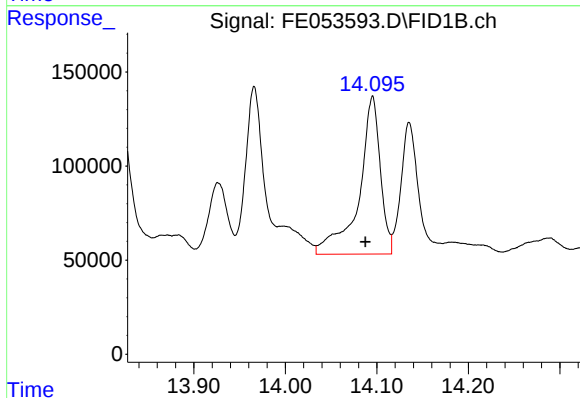
R.T.: 13.506 min
Delta R.T.: 0.007 min
Response: 606630
Conc: 4.19 ug/ml



#12 1-chlorooctadecane (SURR)

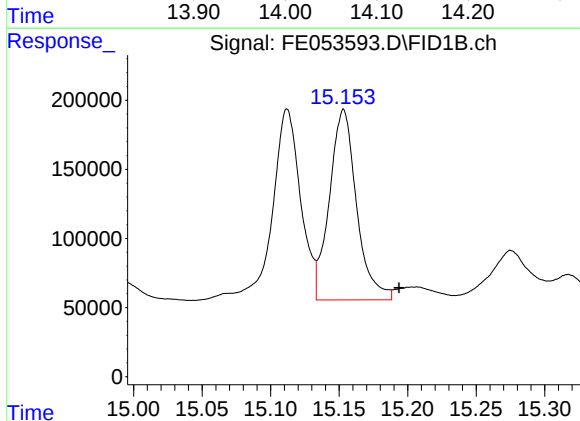
R.T.: 13.315 min
Delta R.T.: -0.016 min
Response: 5776916
Conc: 42.74 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



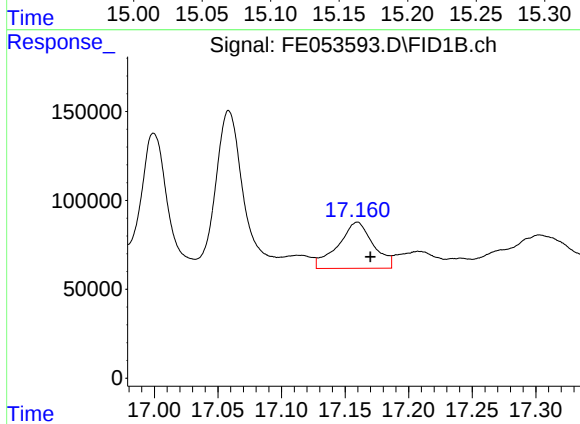
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: 0.008 min
Response: 1363590
Conc: 9.45 ug/ml



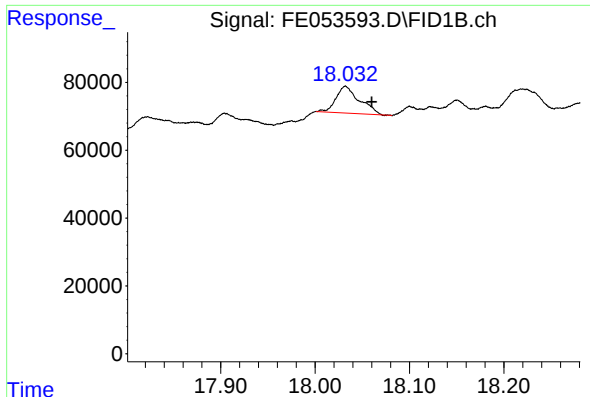
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.041 min
Response: 1903538
Conc: 13.25 ug/ml



#16 n-Octacosane (C28)

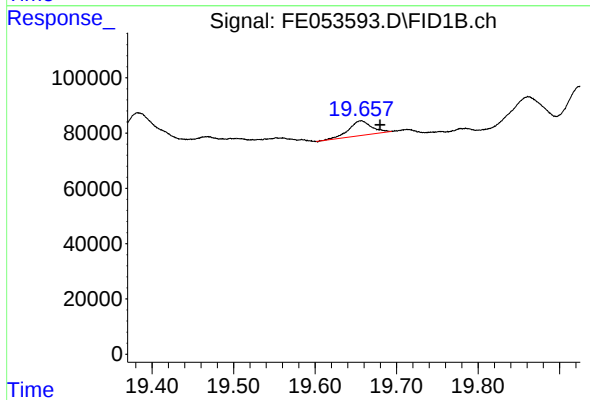
R.T.: 17.159 min
Delta R.T.: -0.011 min
Response: 501139
Conc: 3.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.028 min
Response: 136707
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F



#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.023 min
Response: 103353
Conc: 0.79 ug/ml