

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053826.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 20:04
 Operator : YP\AJ
 Sample : Q2014-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 01:36:32 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)	11.868	14043311	86.414 ug/ml
Spiked Amount 50.000		Recovery =	172.83%
12) S 1-chlorooctadecane (S...	13.319	11989559	101.136 ug/ml
Spiked Amount 50.000		Recovery =	202.27%
Target Compounds			
2) T n-Decane (C10)	4.507	897622	6.643 ug/ml
3) T A~Naphthalene (C11.7)	6.175	1000911	6.965 ug/ml
4) T n-Dodecane (C12)	6.635	135029	0.990 ug/ml
5) T A~2-methylnaphthalene...	7.281	190900	1.376 ug/ml
6) T n-Tetradecane (C14)	8.475	474434	3.516 ug/ml
7) T n-Hexadecane (C16)	10.100	971730	7.202 ug/ml
8) T n-Octadecane (C18)	11.558	1066733	7.922 ug/ml
10) T n-Eicosane (C20)	12.876	8947036	68.075 ug/ml
11) T n-Heneicosane (C21)	13.489	4292121	33.107 ug/ml
13) T n-Docosane (C22)	14.069	5784295	45.340 ug/ml
14) T n-Tetracosane (C24)	15.166	216939	1.734 ug/ml
16) T n-Octacosane (C28)	17.149	223347	1.837 ug/ml

(f)=RT Delta > 1/2 Window

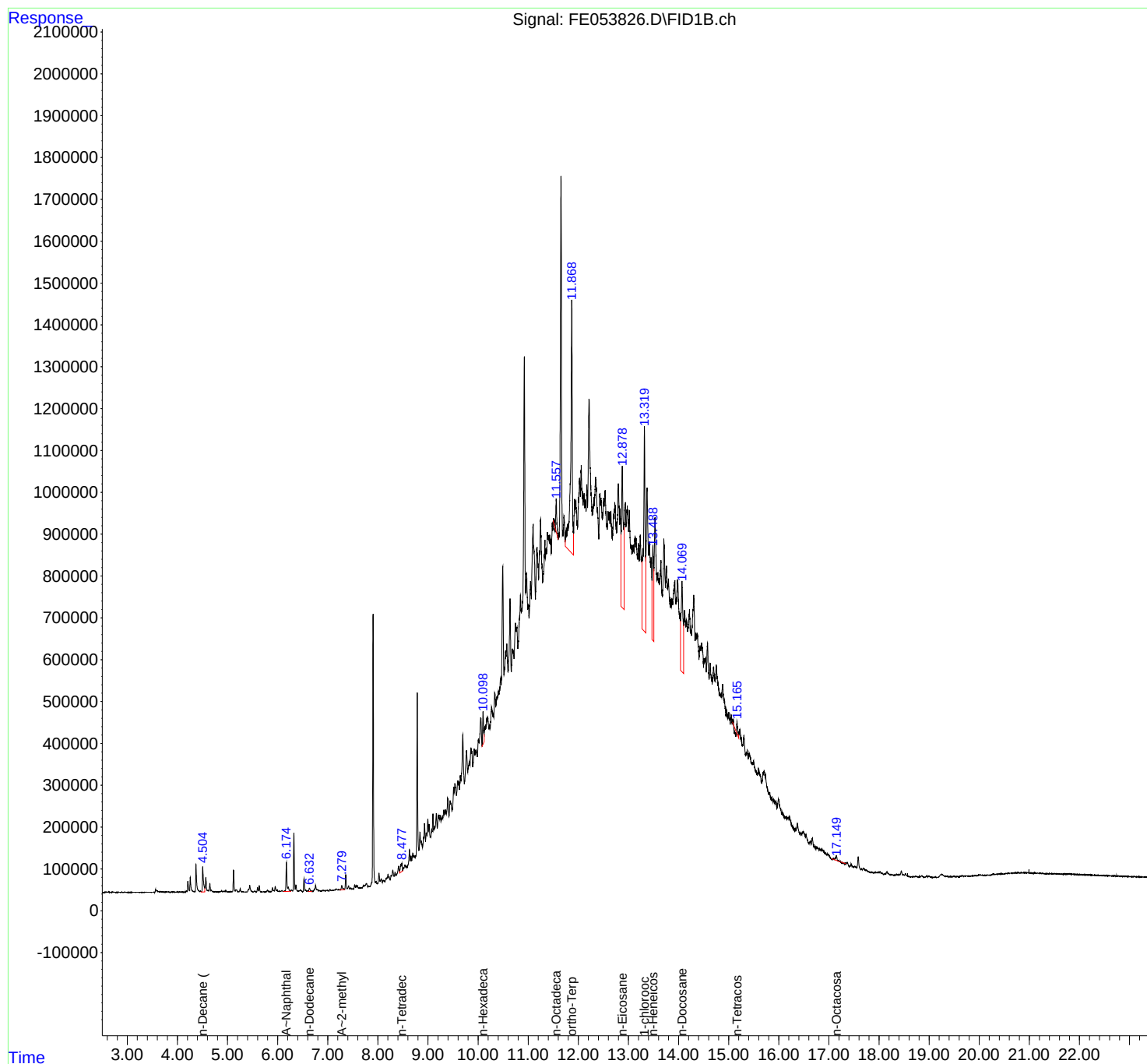
(m)=manual int.

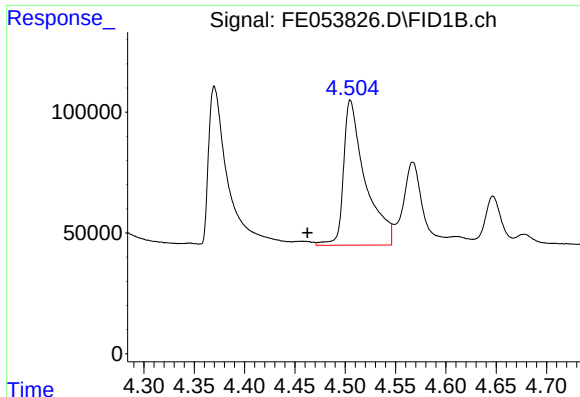
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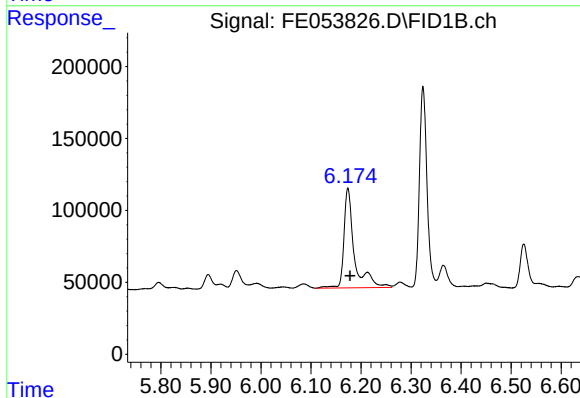




#2 n-Decane (C10)

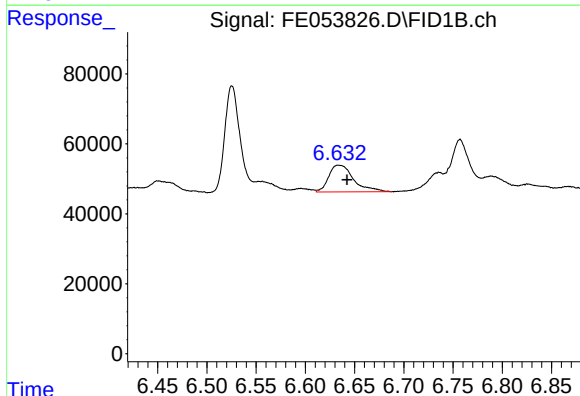
R.T.: 4.507 min
Delta R.T.: 0.045 min
Response: 897622
Conc: 6.64 ug/ml

Instrument :
FID_E
ClientSampleId :



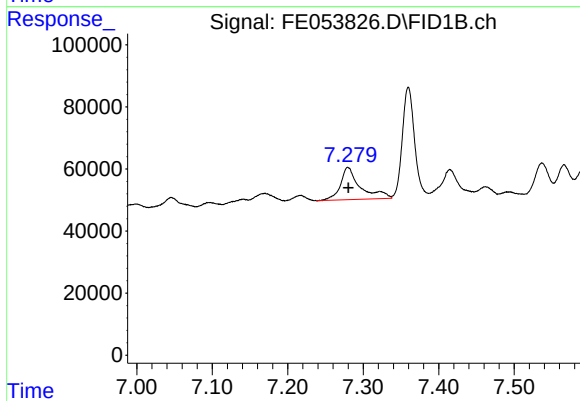
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 1000911
Conc: 6.96 ug/ml



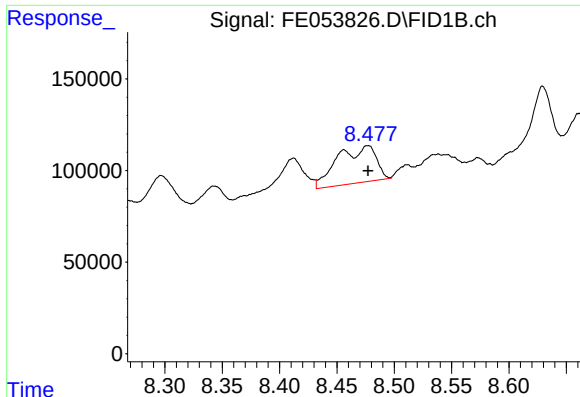
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 135029
Conc: 0.99 ug/ml



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

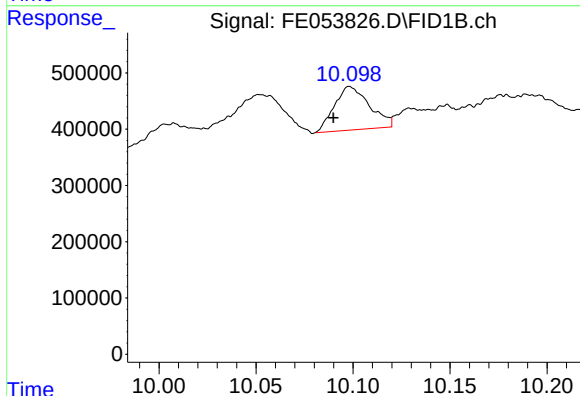
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 190900
Conc: 1.38 ug/ml



#6 n-Tetradecane (C14)

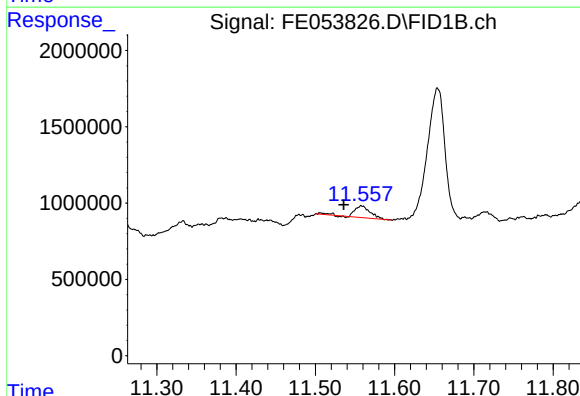
R.T.: 8.475 min
Delta R.T.: -0.002 min
Response: 474434
Conc: 3.52 ug/ml

Instrument :
FID_E
ClientSampleId :



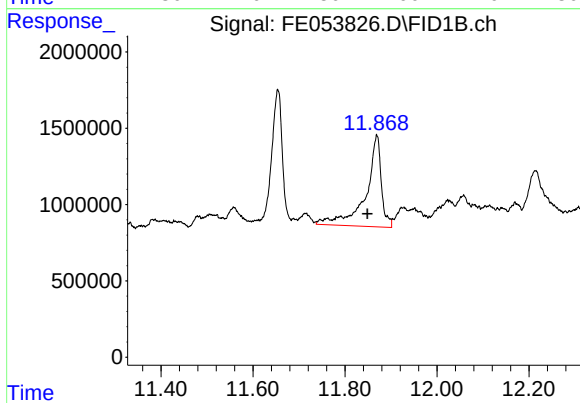
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.010 min
Response: 971730
Conc: 7.20 ug/ml



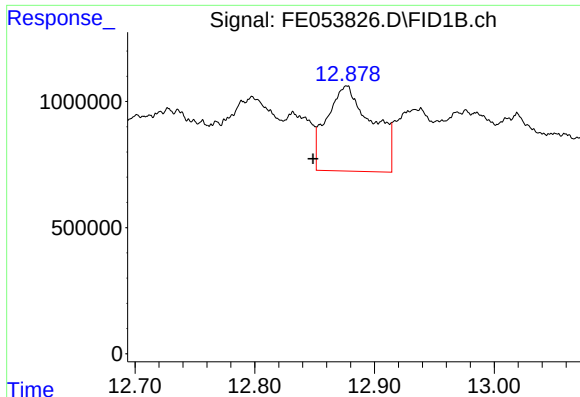
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.022 min
Response: 1066733
Conc: 7.92 ug/ml



#9 ortho-Terphenyl (SURR)

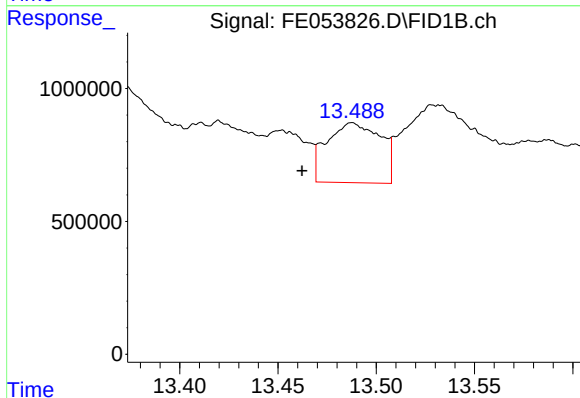
R.T.: 11.868 min
Delta R.T.: 0.019 min
Response: 14043311
Conc: 86.41 ug/ml



#10 n-Eicosane (C20)

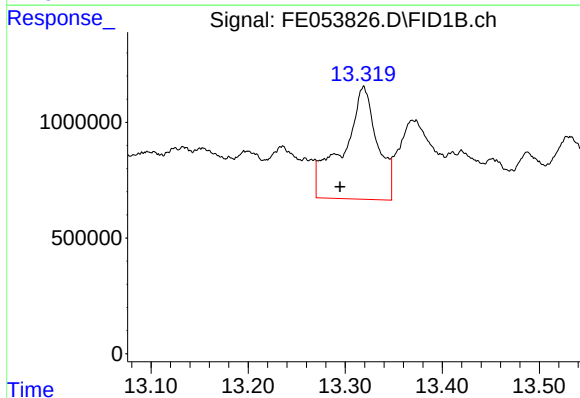
R.T.: 12.876 min
Delta R.T.: 0.027 min
Response: 8947036
Conc: 68.08 ug/ml

Instrument :
FID_E
ClientSampleId :



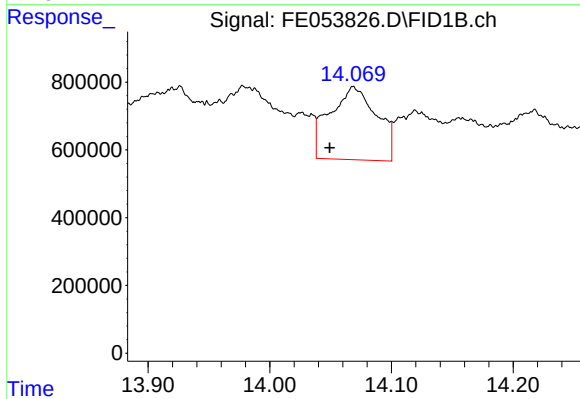
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.027 min
Response: 4292121
Conc: 33.11 ug/ml



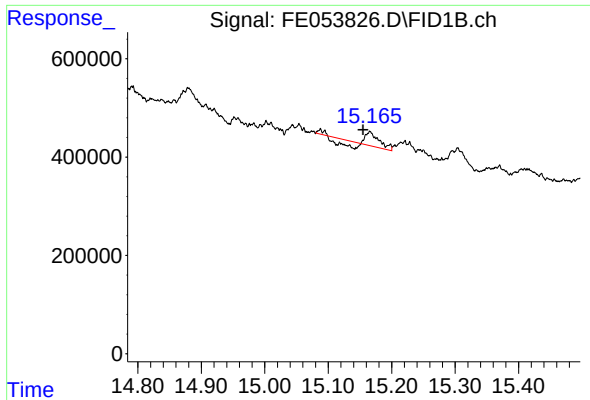
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.024 min
Response: 11989559
Conc: 101.14 ug/ml



#13 n-Docosane (C22)

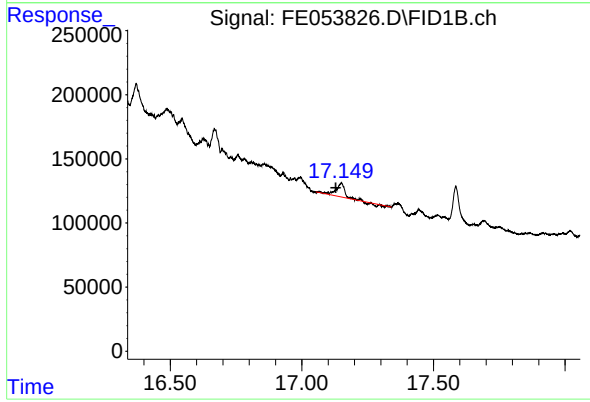
R.T.: 14.069 min
Delta R.T.: 0.020 min
Response: 5784295
Conc: 45.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.011 min
Response: 216939
Conc: 1.73 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.021 min
Response: 223347
Conc: 1.84 ug/ml