

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051925AL\
 Data File : FE053902.D
 Signal(s) : FID1B.ch
 Acq On : 19 May 2025 19:30
 Operator : YP\AJ
 Sample : Q2062-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 L1-WC-6-EPH

Integration File: autoint1.e
 Quant Time: May 20 01:26:08 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)	11.871	14848463	91.368 ug/ml
Spiked Amount 50.000		Recovery =	182.74%
12) S 1-chlorooctadecane (S...	13.331	22842613	192.684 ug/ml
Spiked Amount 50.000		Recovery =	385.37%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.193	298230	2.075 ug/ml
4) T n-Dodecane (C12)	6.640	591664	4.338 ug/ml
5) T A~2-methylnaphthalene...	7.265	442922	3.193 ug/ml
6) T n-Tetradecane (C14)	8.478	1077436	7.984 ug/ml
7) T n-Hexadecane (C16)	10.096	2353156	17.439 ug/ml
8) T n-Octadecane (C18)	11.521	576995	4.285 ug/ml
10) T n-Eicosane (C20)	12.844	6376434	48.516 ug/ml
11) T n-Heneicosane (C21)	13.431	13769571	106.211 ug/ml
13) T n-Docosane (C22)	14.083	11047980	86.599 ug/ml
15) T n-Hexacosane (C26)	16.179	140850	1.150 ug/ml
16) T n-Octacosane (C28)	17.142	268682	2.210 ug/ml
17) T n-Tricontane (C30)	18.028	351718	2.824 ug/ml
19) T n-Tetratriacontane (C34)	19.669	415363	3.487 ug/ml

(f)=RT Delta > 1/2 Window

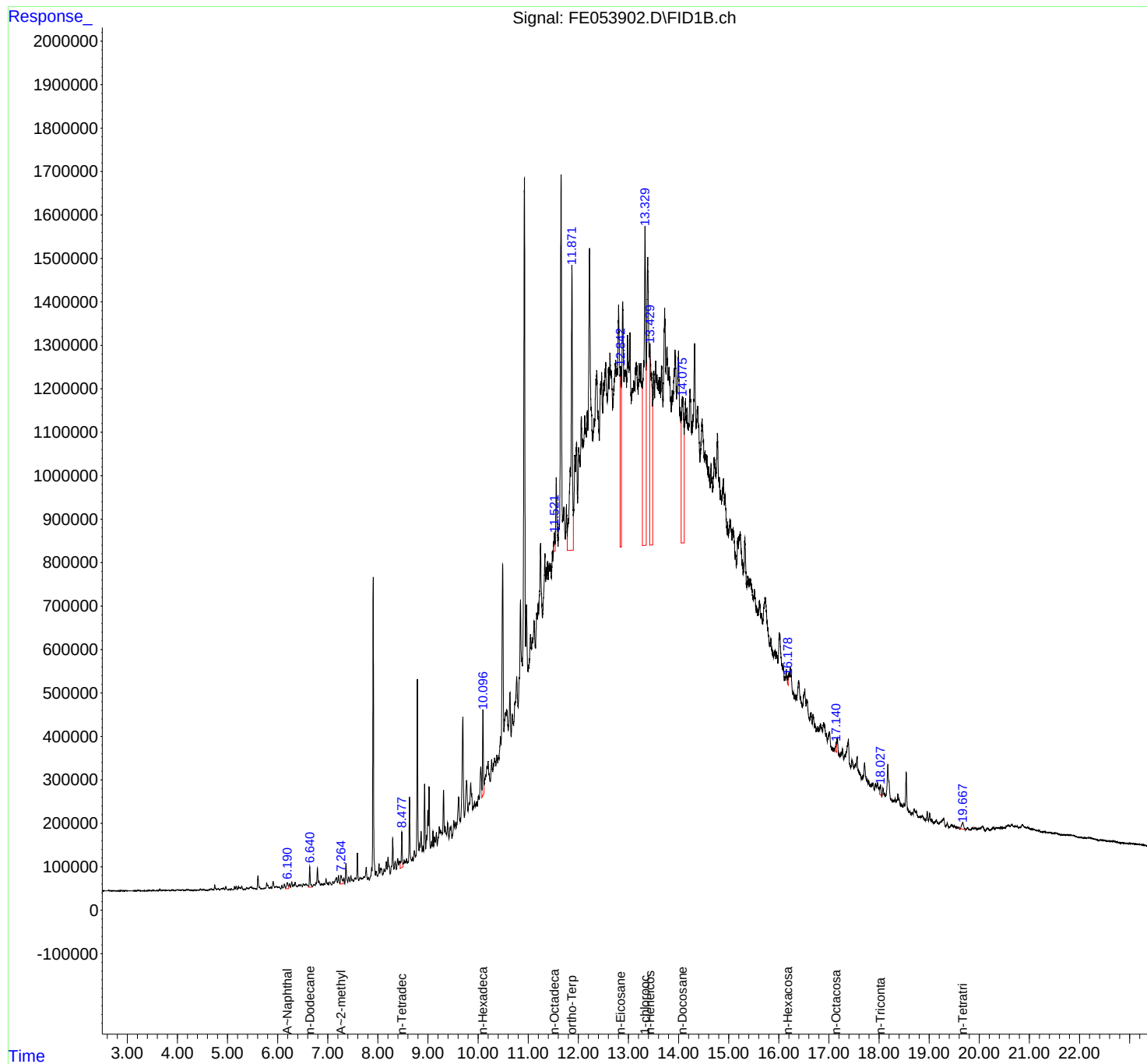
(m)=manual int.

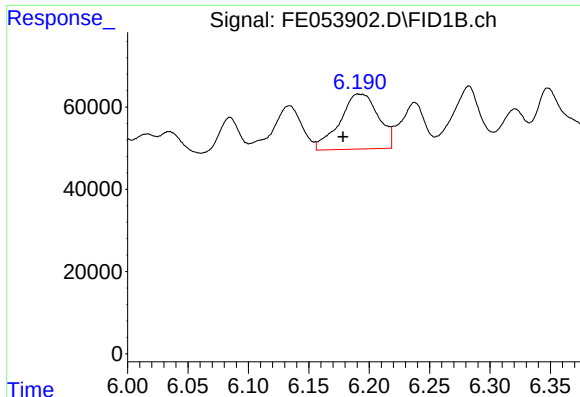
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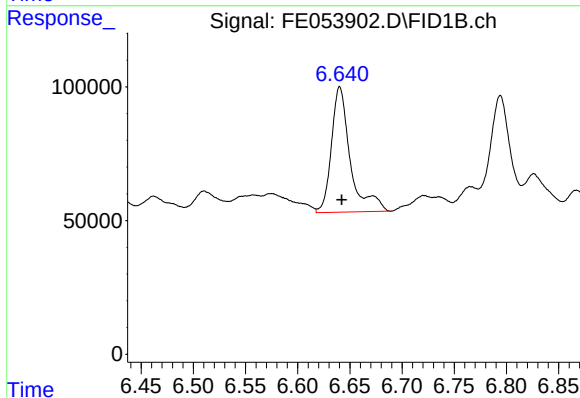




#3 A~Naphthalene (C11.7)

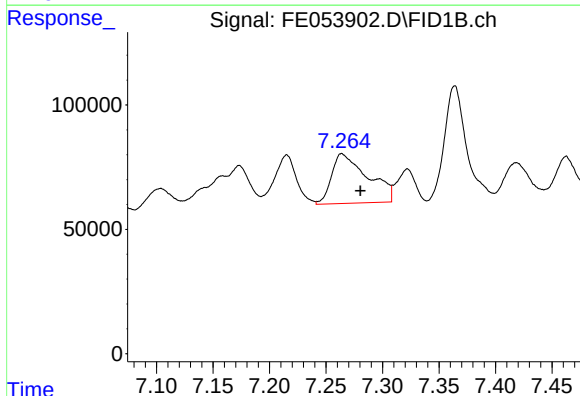
R.T.: 6.193 min
Delta R.T.: 0.014 min
Response: 298230
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :
L1-WC-6-EPH



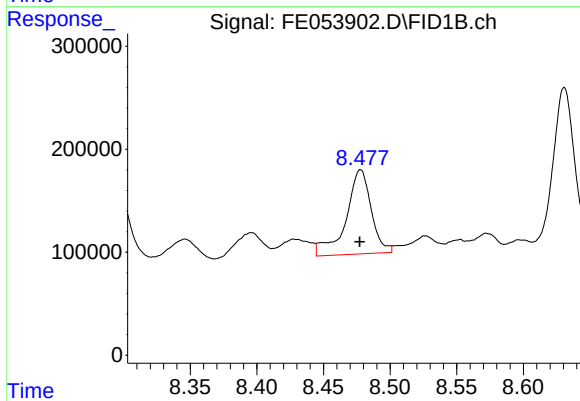
#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 591664
Conc: 4.34 ug/ml



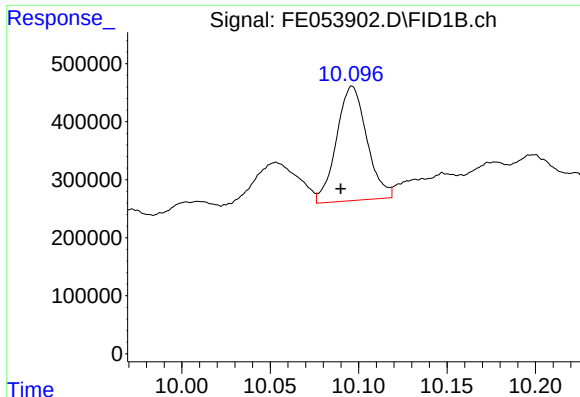
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: -0.015 min
Response: 442922
Conc: 3.19 ug/ml



#6 n-Tetradecane (C14)

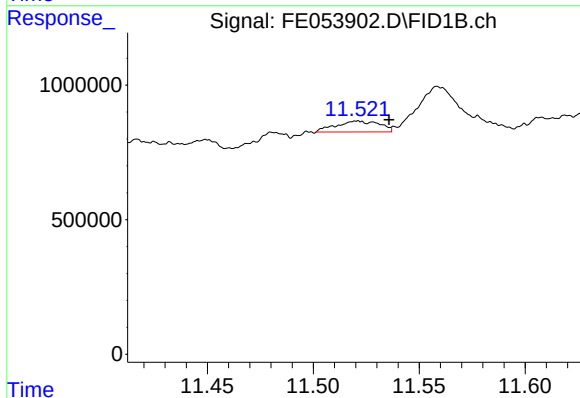
R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 1077436
Conc: 7.98 ug/ml



#7 n-Hexadecane (C16)

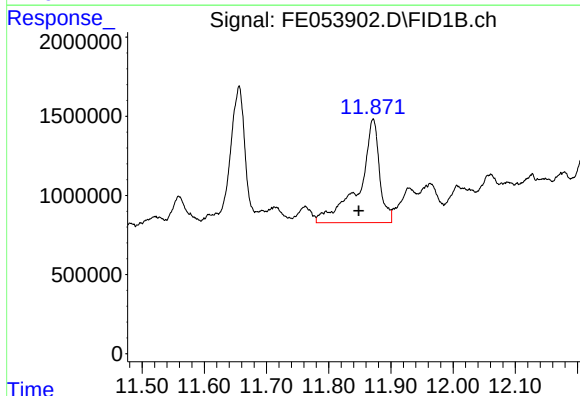
R.T.: 10.096 min
Delta R.T.: 0.007 min
Response: 2353156
Conc: 17.44 ug/ml

Instrument :
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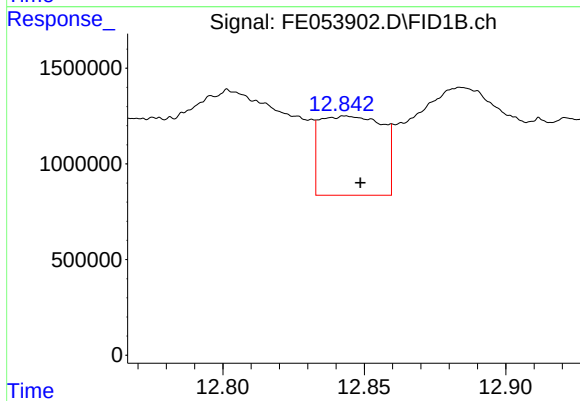
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 576995
Conc: 4.28 ug/ml



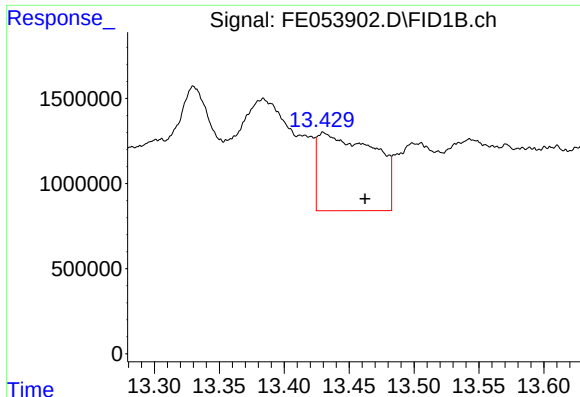
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.023 min
Response: 14848463
Conc: 91.37 ug/ml



#10 n-Eicosane (C20)

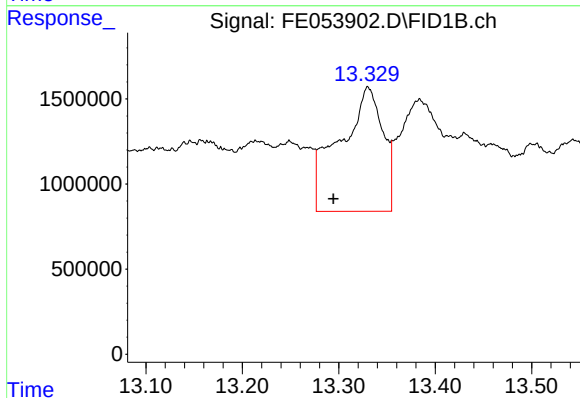
R.T.: 12.844 min
Delta R.T.: -0.005 min
Response: 6376434
Conc: 48.52 ug/ml



#11 n-Heneicosane (C21)

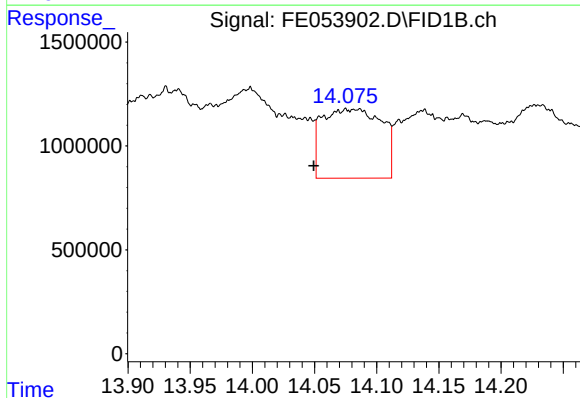
R.T.: 13.431 min
Delta R.T.: -0.032 min
Response: 13769571
Conc: 106.21 ug/ml

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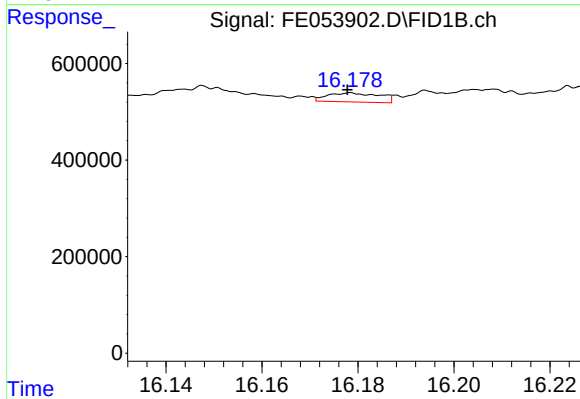
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: 0.036 min
Response: 22842613
Conc: 192.68 ug/ml



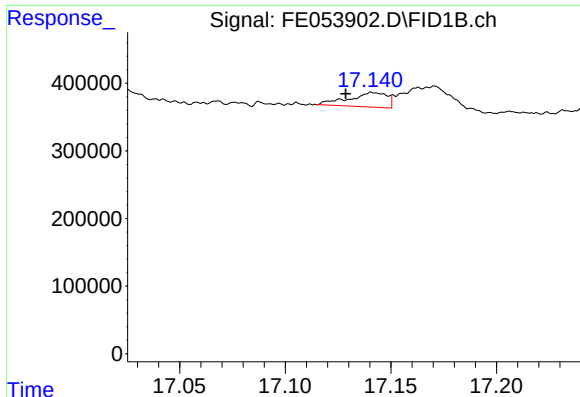
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: 0.034 min
Response: 11047980
Conc: 86.60 ug/ml



#15 n-Hexacosane (C26)

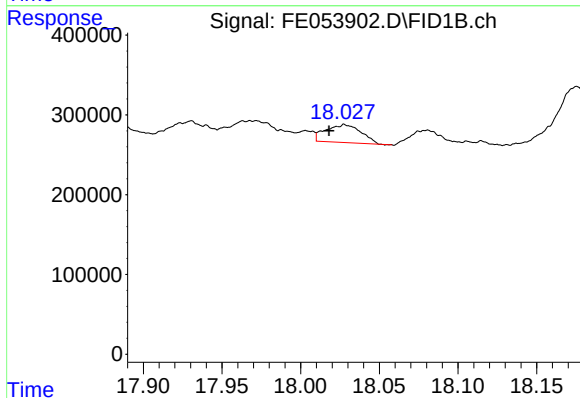
R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 140850
Conc: 1.15 ug/ml



#16 n-Octacosane (C28)

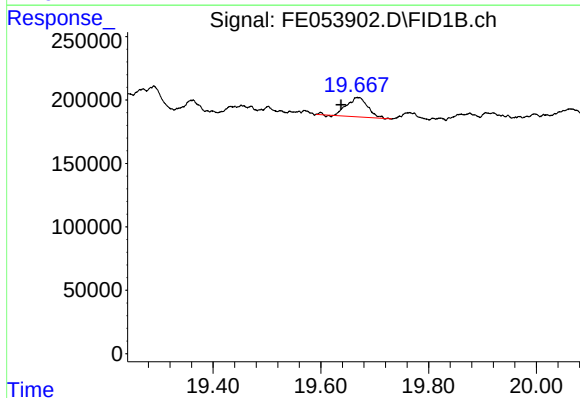
R.T.: 17.142 min
Delta R.T.: 0.014 min
Response: 268682
Conc: 2.21 ug/ml

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#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.010 min
Response: 351718
Conc: 2.82 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.031 min
Response: 415363
Conc: 3.49 ug/ml