

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054418.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 21:48
 Operator : YP\AJ
 Sample : Q2323-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-06132025-E2

Integration File: sample.E
 Quant Time: Jun 17 03:29:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	5538681	33.520 ug/ml
Spiked Amount 50.000		Recovery =	67.04%
12) S 1-chlorooctadecane (S...	13.271	4960859	40.680 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
10) T n-Eicosane (C20)	12.812	203492	1.521 ug/ml
11) T n-Heneicosane (C21)	13.435	123344	0.928 ug/ml
13) T n-Docosane (C22)	14.060	599760	4.574 ug/ml
14) T n-Tetracosane (C24)	15.119	1949887	15.116 ug/ml
15) T n-Hexacosane (C26)	16.182	1688124	13.448 ug/ml
16) T n-Octacosane (C28)	17.137	1992076	16.244 ug/ml
17) T n-Tricontane (C30)	17.989	3812303	30.759 ug/ml
18) T n-Dotriacontane (C32)	18.822	5708760	45.436 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6286144	50.529 ug/ml
20) T n-Hexatriacontane (C36)	20.373	4588916	35.647 ug/ml
21) T n-Octatriacontane (C38)	21.079	7155585	54.192 ug/ml
22) T n-Tetracontane (C40)	22.027	1816428	13.484 ug/ml

(f)=RT Delta > 1/2 Window

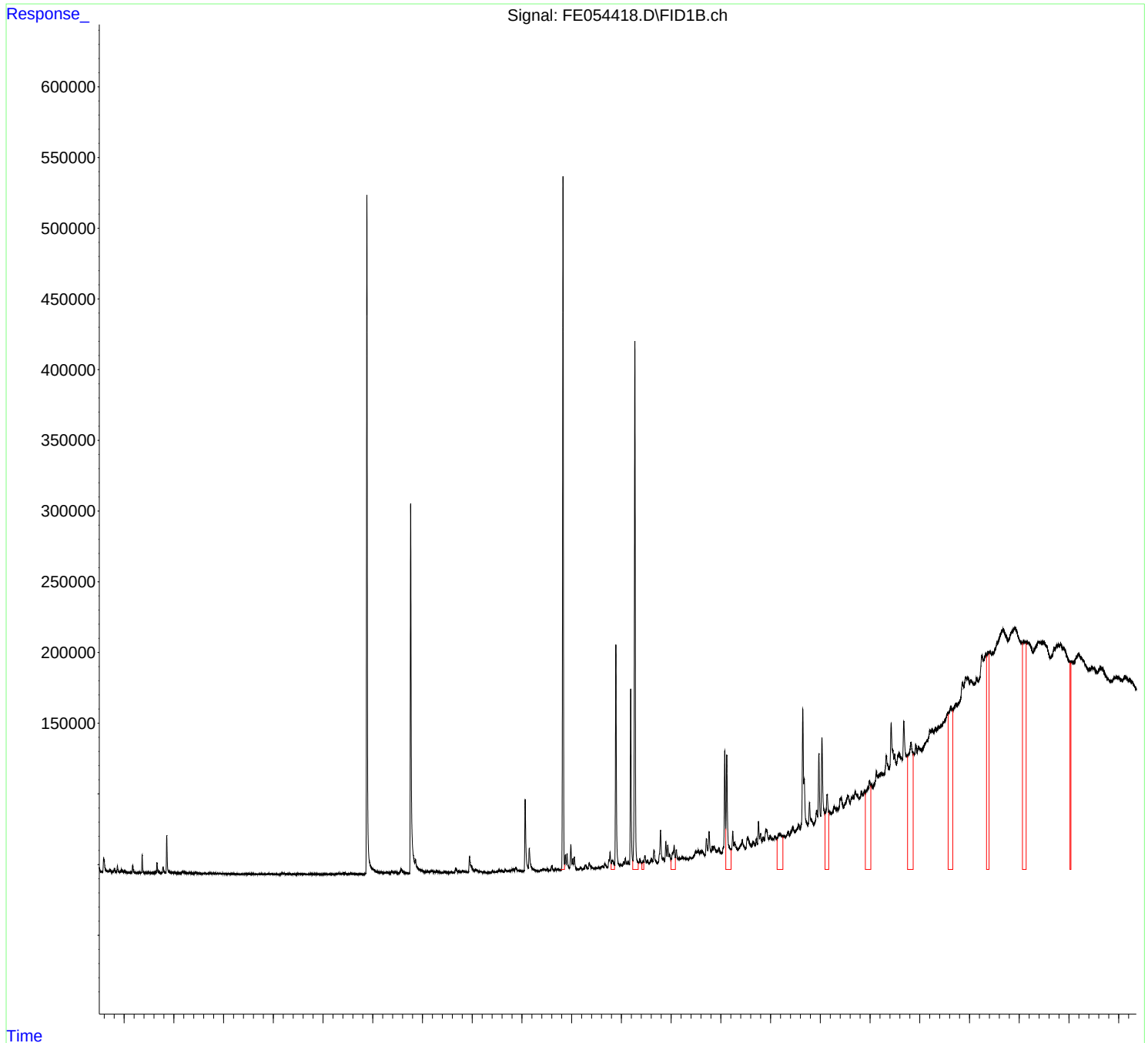
(m)=manual int.

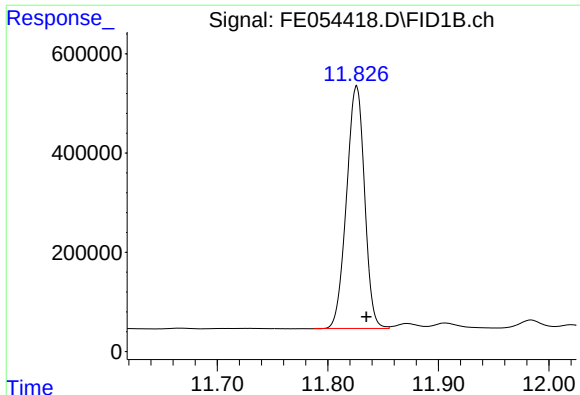
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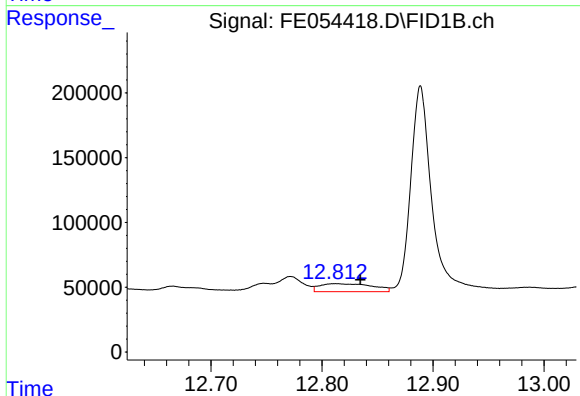




#9 ortho-Terphenyl (SURR)

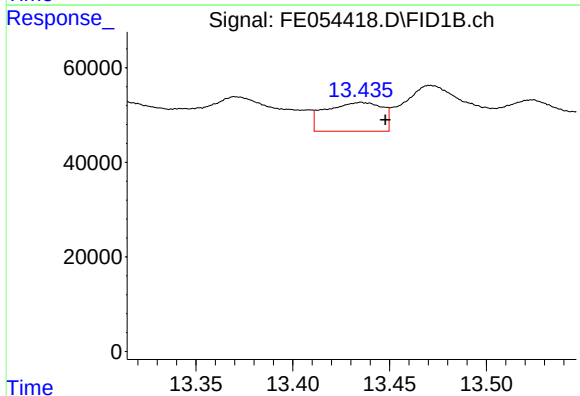
R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 5538681
Conc: 33.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-01-06132025-E2



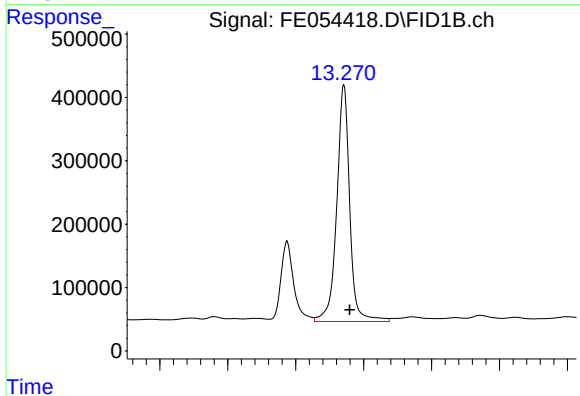
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.022 min
Response: 203492
Conc: 1.52 ug/ml



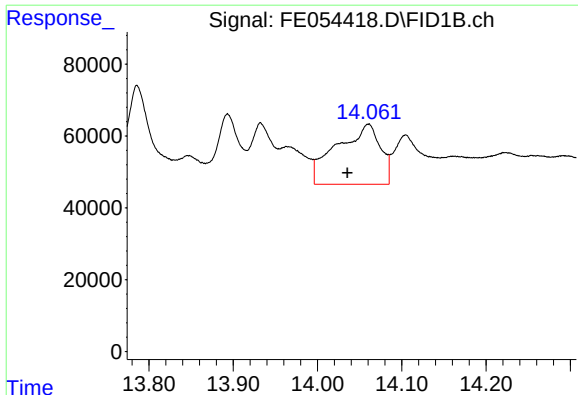
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 123344
Conc: 0.93 ug/ml



#12 1-chlorooctadecane (SURR)

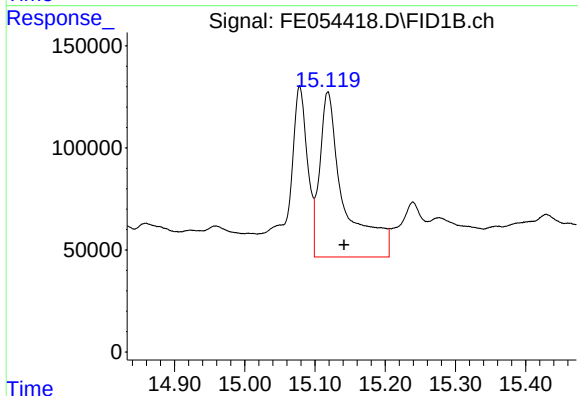
R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 4960859
Conc: 40.68 ug/ml



#13 n-Docosane (C22)

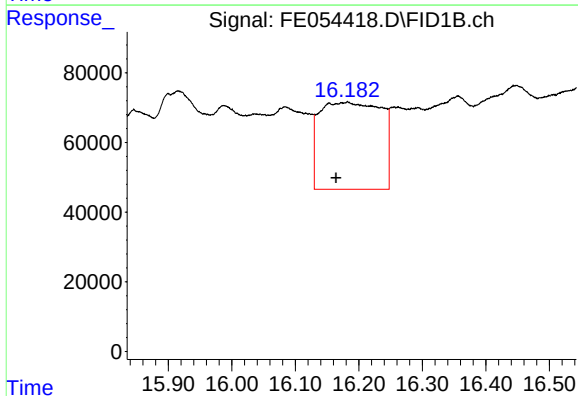
R.T.: 14.060 min
Delta R.T.: 0.025 min
Response: 599760
Conc: 4.57 ug/ml

Instrument :
FID_E
ClientSampleId :
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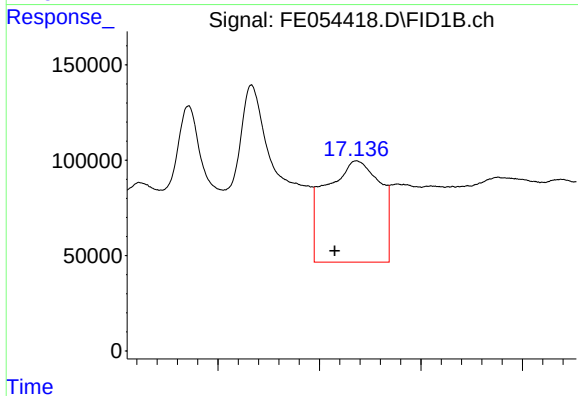
#14 n-Tetracosane (C24)

R.T.: 15.119 min
Delta R.T.: -0.023 min
Response: 1949887
Conc: 15.12 ug/ml



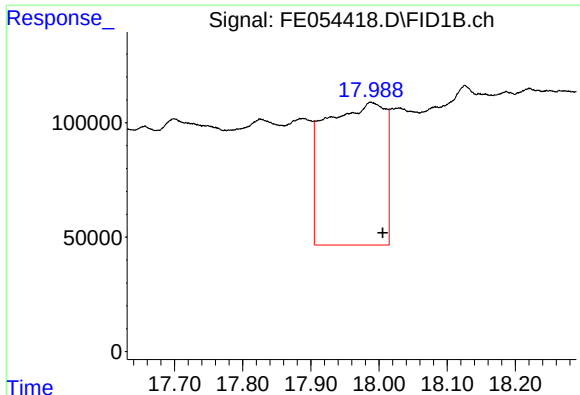
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: 0.017 min
Response: 1688124
Conc: 13.45 ug/ml



#16 n-Octacosane (C28)

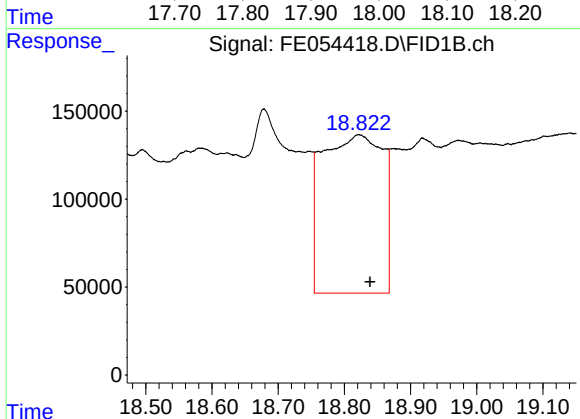
R.T.: 17.137 min
Delta R.T.: 0.022 min
Response: 1992076
Conc: 16.24 ug/ml



#17 n-Tricontane (C30)

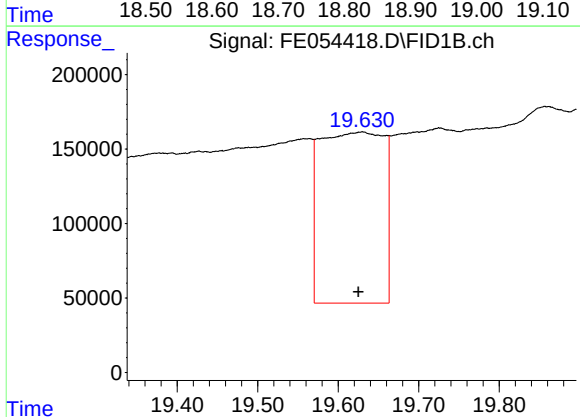
R.T.: 17.989 min
Delta R.T.: -0.017 min
Response: 3812303
Conc: 30.76 ug/ml

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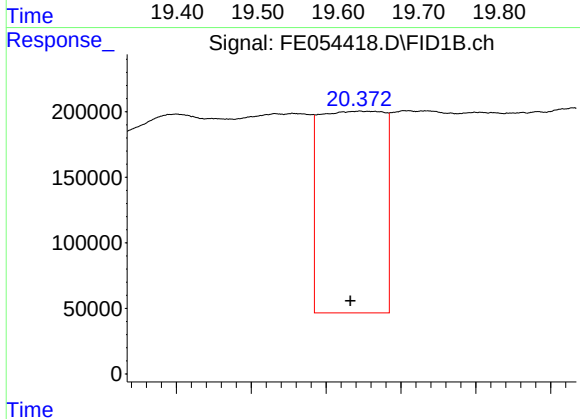
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.017 min
Response: 5708760
Conc: 45.44 ug/ml



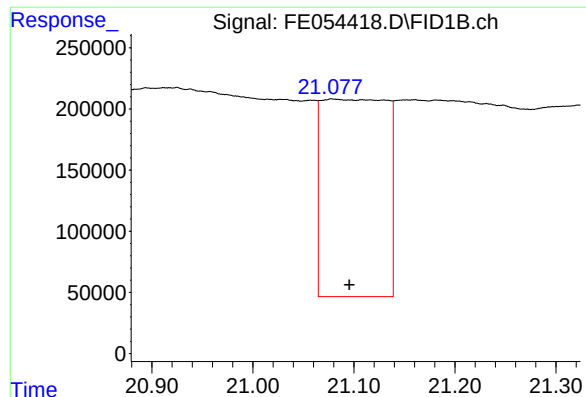
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.004 min
Response: 6286144
Conc: 50.53 ug/ml



#20 n-Hexatriacontane (C36)

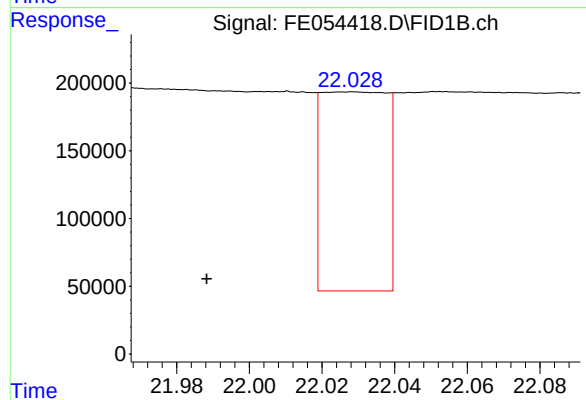
R.T.: 20.373 min
Delta R.T.: 0.007 min
Response: 4588916
Conc: 35.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.016 min
Response: 7155585
Conc: 54.19 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.039 min
Response: 1816428
Conc: 13.48 ug/ml