

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091725AL\
 Data File : FE055867.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2025 07:47
 Operator : YP\AJ
 Sample : Q3106-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-07-09152025DL

Integration File: autoint1.e
 Quant Time: Sep 17 10:47:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.073	1322863	8.052 ug/ml
Spiked Amount 50.000		Recovery =	16.10%
12) S 1-chlorooctadecane (S...	13.510	984629	7.874 ug/ml
Spiked Amount 50.000		Recovery =	15.75%
Target Compounds			
5) T A~2-methylnaphthalene...	7.497	136252	0.969 ug/ml
6) T n-Tetradecane (C14)	8.681	183662	1.395 ug/ml
7) T n-Hexadecane (C16)	10.298	295760	2.135 ug/ml
8) T n-Octadecane (C18)	11.747	374578	2.568 ug/ml
10) T n-Eicosane (C20)	13.062	315831	2.194 ug/ml
11) T n-Heneicosane (C21)	13.676	180861	1.266 ug/ml
13) T n-Docosane (C22)	14.264	112473	0.786 ug/ml
14) T n-Tetracosane (C24)	15.368	135756	0.938 ug/ml
16) T n-Octacosane (C28)	17.348	63478	0.446 ug/ml
17) T n-Tricontane (C30)	18.237	385136	2.605 ug/ml
18) T n-Dotriacontane (C32)	19.071	277499	1.891 ug/ml
19) T n-Tetratriacontane (C34)	19.857	174968	1.238 ug/ml
20) T n-Hexatriacontane (C36)	20.600	141338	1.071 ug/ml

(f)=RT Delta > 1/2 Window

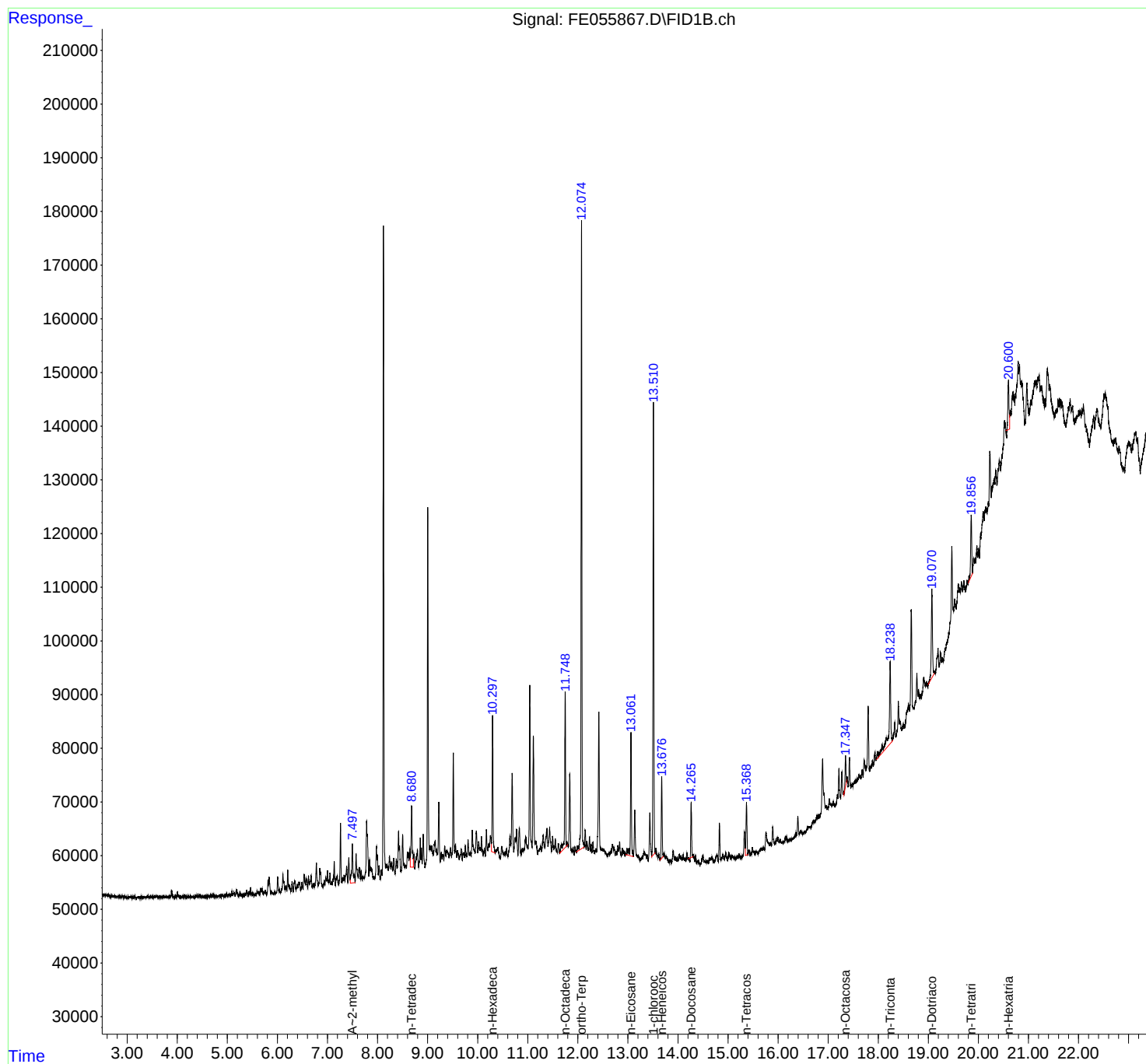
(m)=manual int.

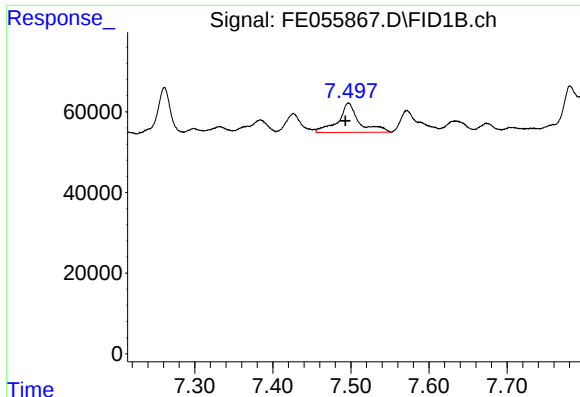
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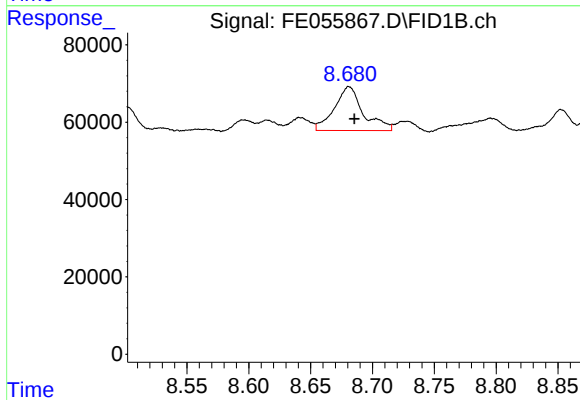




#5 A~2-methylnaphthalene (C12.89)

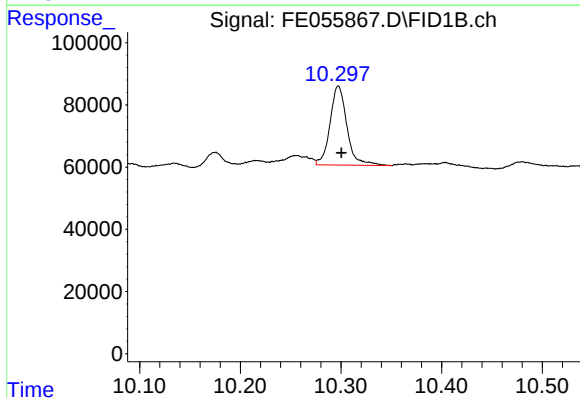
R.T.: 7.497 min
Delta R.T.: 0.004 min
Response: 136252
Conc: 0.97 ug/ml

Instrument :
FID_E
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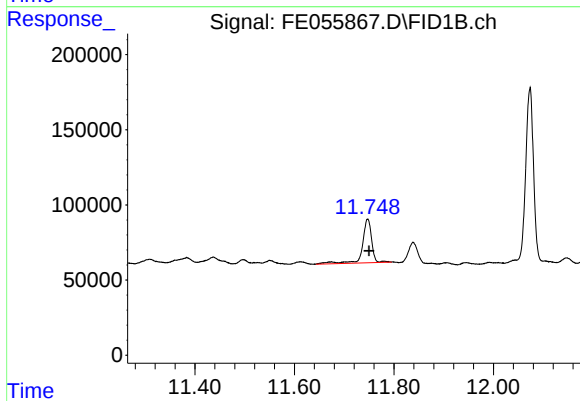
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 183662
Conc: 1.39 ug/ml



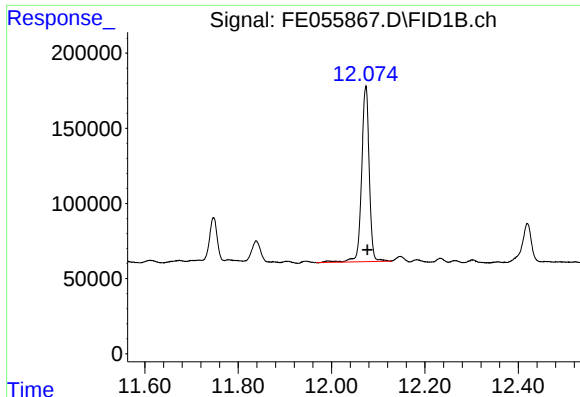
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 295760
Conc: 2.14 ug/ml



#8 n-Octadecane (C18)

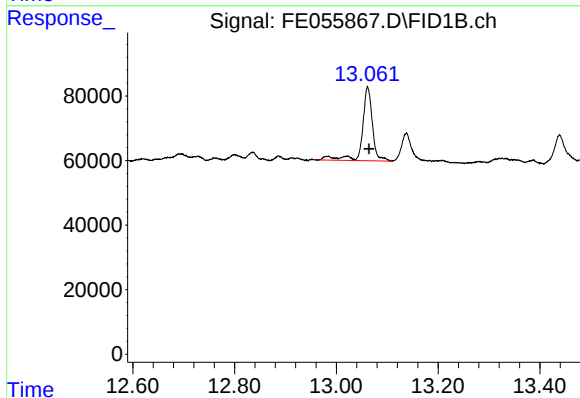
R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 374578
Conc: 2.57 ug/ml



#9 ortho-Terphenyl (SURR)

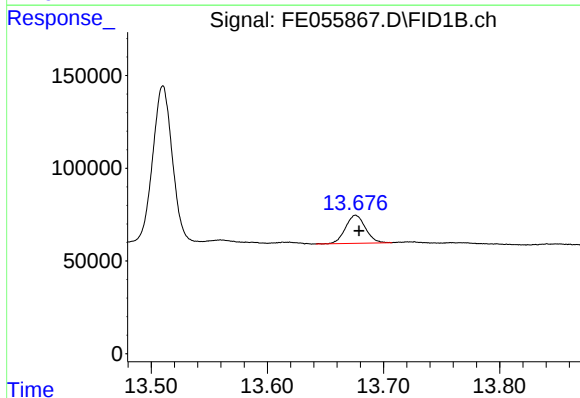
R.T.: 12.073 min
Delta R.T.: -0.003 min
Response: 1322863
Conc: 8.05 ug/ml

Instrument :
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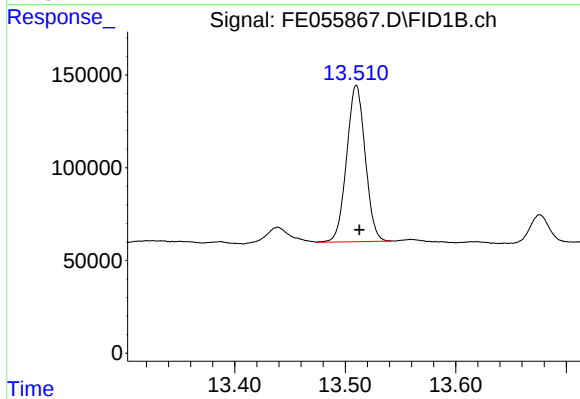
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.003 min
Response: 315831
Conc: 2.19 ug/ml



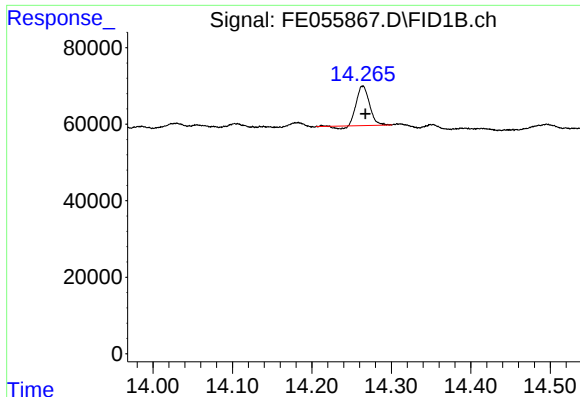
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.003 min
Response: 180861
Conc: 1.27 ug/ml



#12 1-chlorooctadecane (SURR)

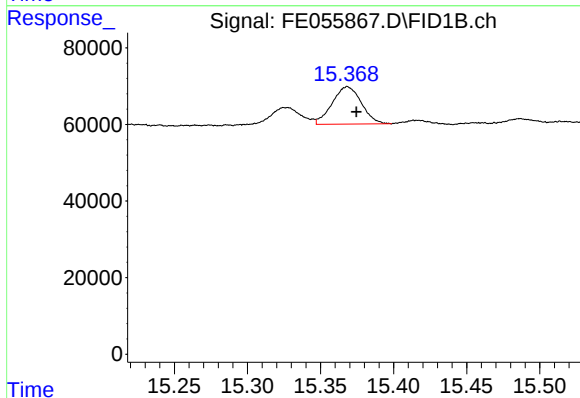
R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 984629
Conc: 7.87 ug/ml



#13 n-Docosane (C22)

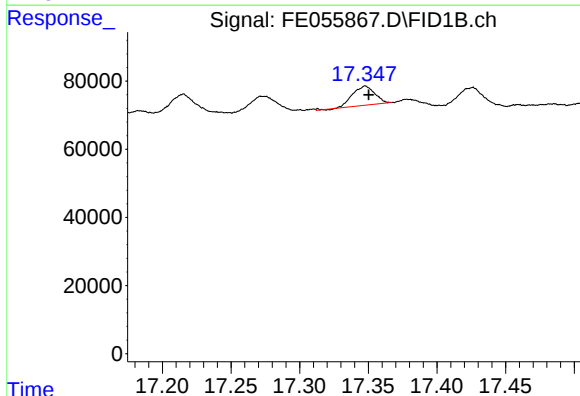
R.T.: 14.264 min
Delta R.T.: -0.003 min
Response: 112473
Conc: 0.79 ug/ml

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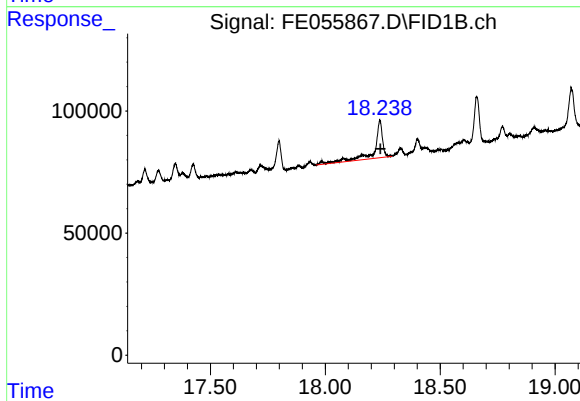
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.006 min
Response: 135756
Conc: 0.94 ug/ml



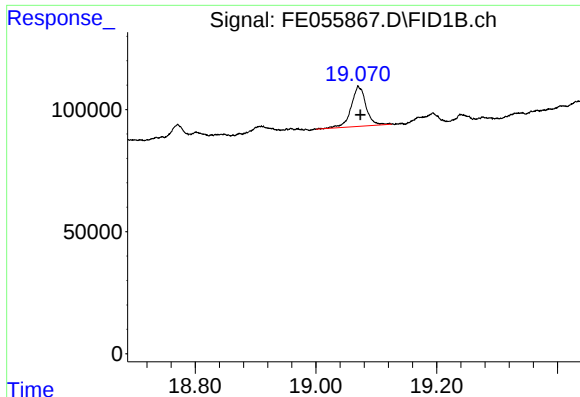
#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: -0.003 min
Response: 63478
Conc: 0.45 ug/ml



#17 n-Tricontane (C30)

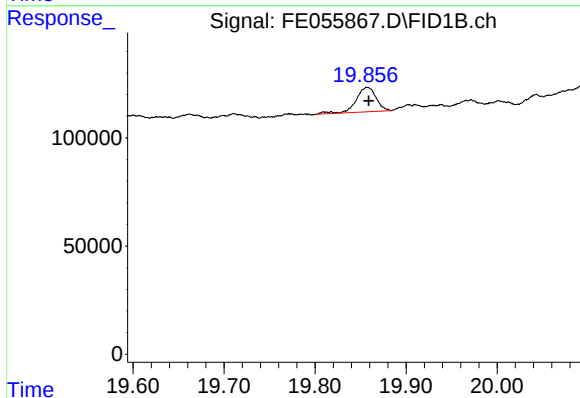
R.T.: 18.237 min
Delta R.T.: -0.002 min
Response: 385136
Conc: 2.61 ug/ml



#18 n-Dotriacontane (C32)

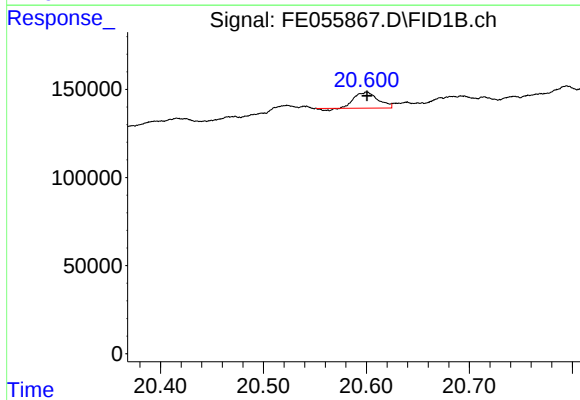
R.T.: 19.071 min
Delta R.T.: -0.003 min
Response: 277499
Conc: 1.89 ug/ml

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#19 n-Tetatriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 174968
Conc: 1.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 141338
Conc: 1.07 ug/ml