

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054094.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 12:01
 Operator : YP\AJ
 Sample : Q2137-01DL 250X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0151-E2DL

Integration File: autoint1.e
 Quant Time: May 30 22:54:03 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)	11.842	46810	0.288 ug/ml
Spiked Amount 50.000		Recovery =	0.58%
12) S 1-chlorooctadecane (S...	13.289	95313	0.804 ug/ml
Spiked Amount 50.000		Recovery =	1.61%
Target Compounds			
6) T n-Tetradecane (C14)	8.468	92210	0.683 ug/ml
7) T n-Hexadecane (C16)	10.080	141008	1.045 ug/ml
8) T n-Octadecane (C18)	11.527	62533	0.464 ug/ml
10) T n-Eicosane (C20)	12.841	57639	0.439 ug/ml
11) T n-Heneicosane (C21)	13.454	22250	0.172 ug/ml
13) T n-Docosane (C22)	14.043	45784	0.359 ug/ml
14) T n-Tetracosane (C24)	15.194	39406	0.315 ug/ml
15) T n-Hexacosane (C26)	16.214	17073	0.139 ug/ml
16) T n-Octacosane (C28)	17.104	72963	0.600 ug/ml
17) T n-Tricontane (C30)	18.013	18934	0.152 ug/ml
18) T n-Dotriacontane (C32)	18.875	75997	0.608 ug/ml
20) T n-Hexatriacontane (C36)	20.412	162535	1.404 ug/ml
21) T n-Octatriacontane (C38)	21.080	403288	3.706 ug/ml

(f)=RT Delta > 1/2 Window

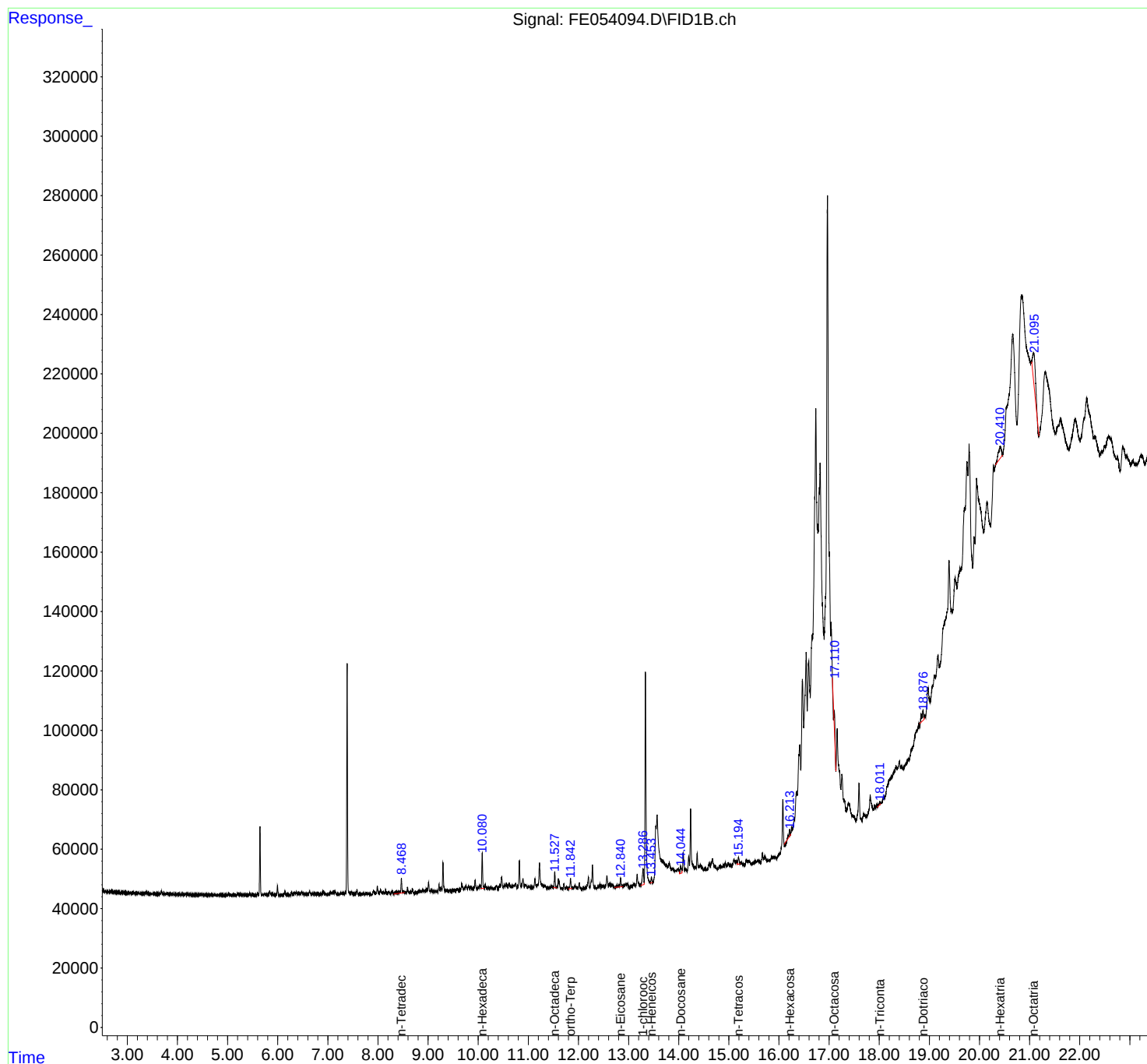
(m)=manual int.

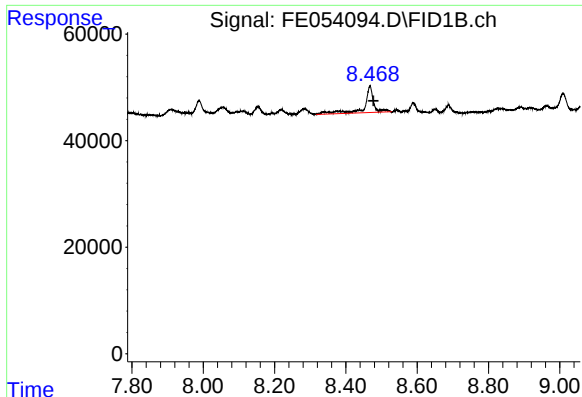
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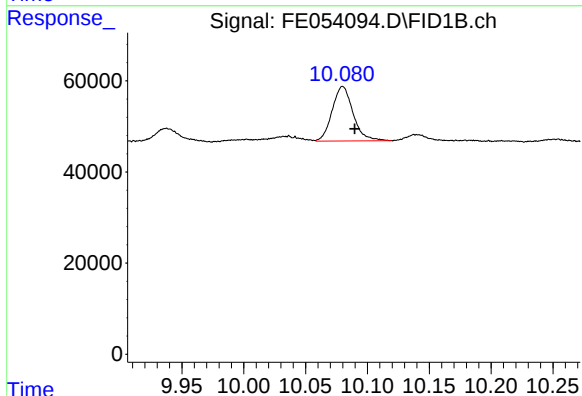




#6 n-Tetradecane (C14)

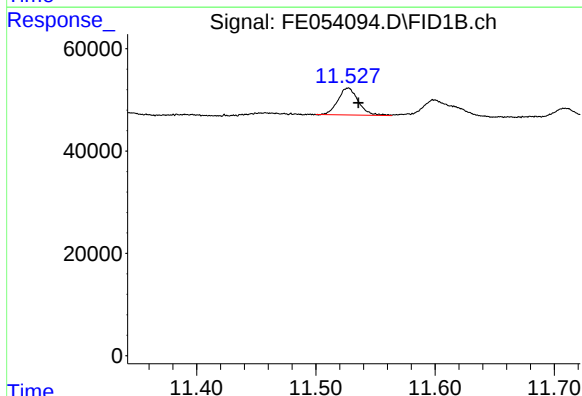
R.T.: 8.468 min
Delta R.T.: -0.010 min
Response: 92210
Conc: 0.68 ug/ml

Instrument :
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MOO-25-0151-E2DL



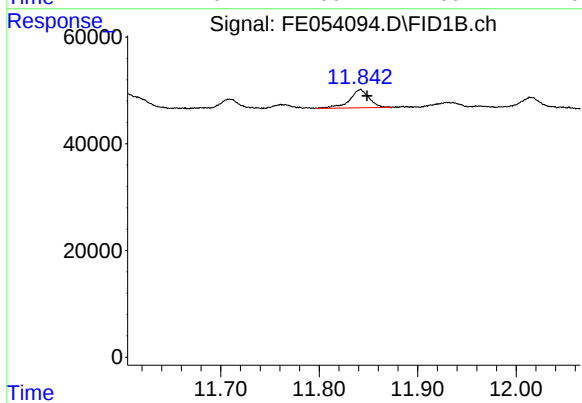
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.010 min
Response: 141008
Conc: 1.05 ug/ml



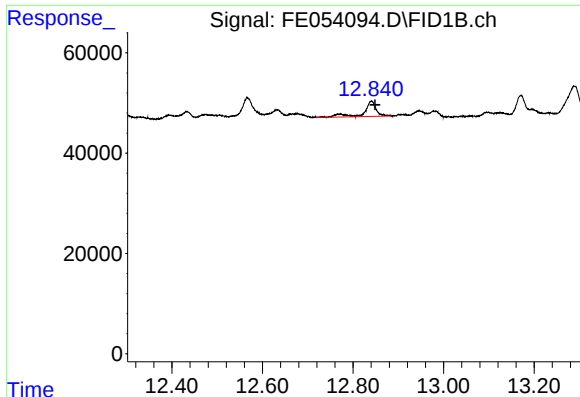
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.009 min
Response: 62533
Conc: 0.46 ug/ml



#9 ortho-Terphenyl (SURR)

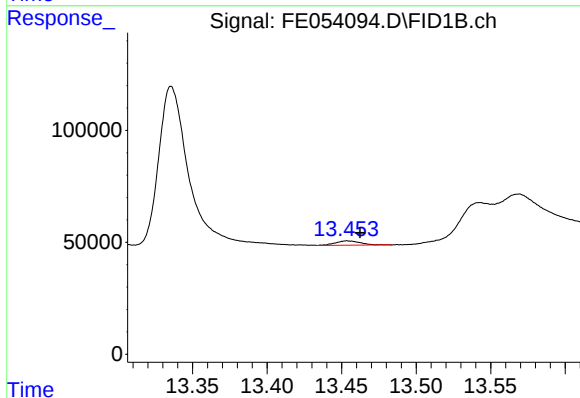
R.T.: 11.842 min
Delta R.T.: -0.007 min
Response: 46810
Conc: 0.29 ug/ml



#10 n-Eicosane (C20)

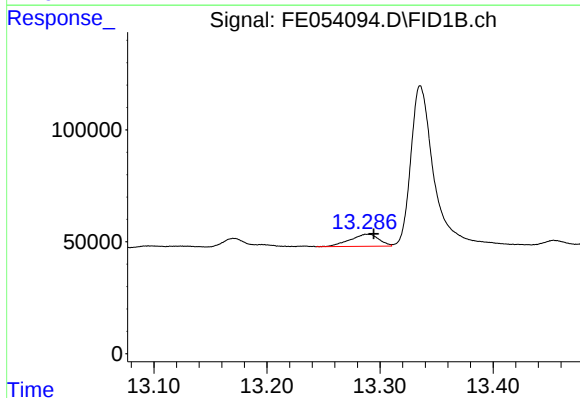
R.T.: 12.841 min
Delta R.T.: -0.008 min
Response: 57639
Conc: 0.44 ug/ml

Instrument :
FID_E
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MOO-25-0151-E2DL



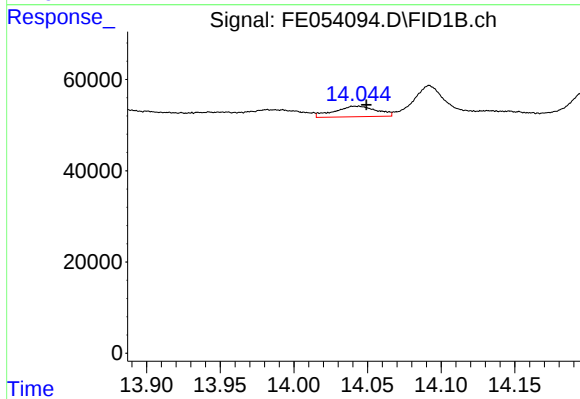
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.008 min
Response: 22250
Conc: 0.17 ug/ml



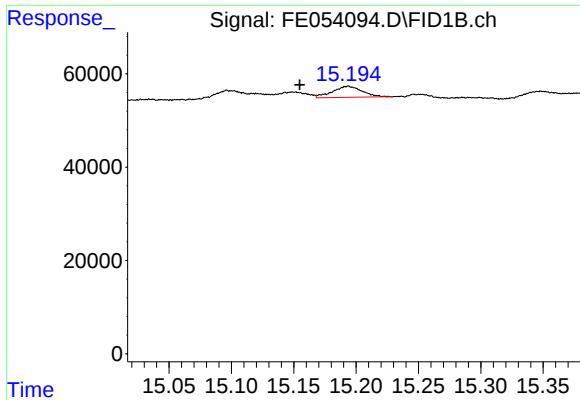
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.006 min
Response: 95313
Conc: 0.80 ug/ml



#13 n-Docosane (C22)

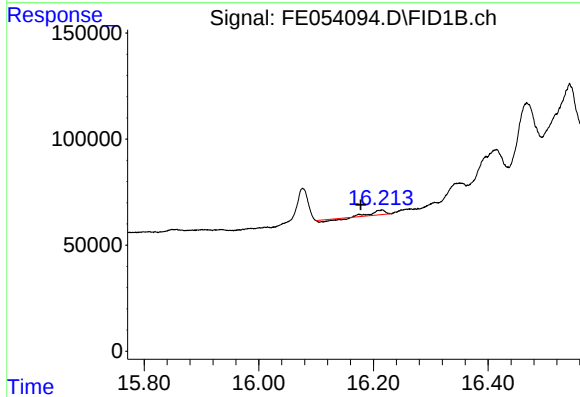
R.T.: 14.043 min
Delta R.T.: -0.007 min
Response: 45784
Conc: 0.36 ug/ml



#14 n-Tetracosane (C24)

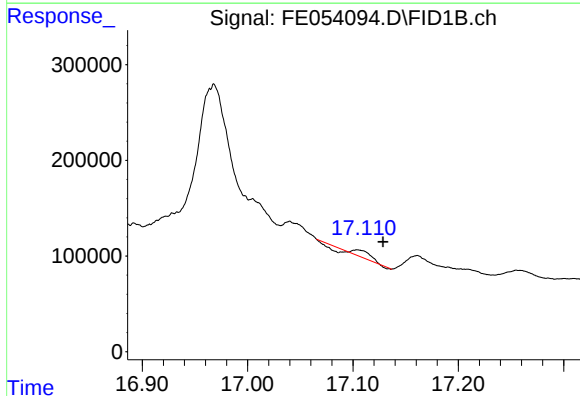
R.T.: 15.194 min
Delta R.T.: 0.039 min
Response: 39406
Conc: 0.31 ug/ml

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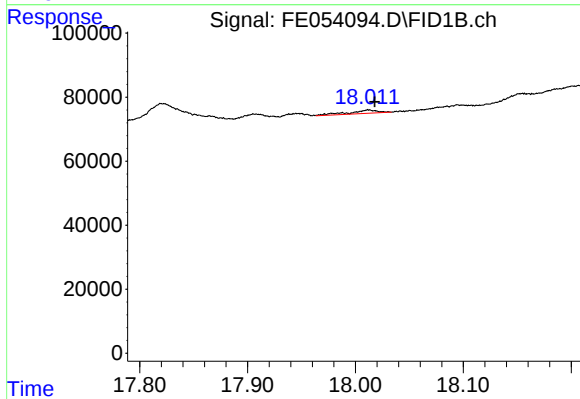
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: 0.036 min
Response: 17073
Conc: 0.14 ug/ml



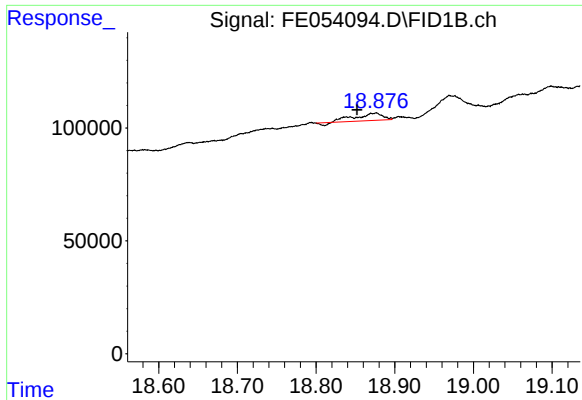
#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.024 min
Response: 72963
Conc: 0.60 ug/ml



#17 n-Tricontane (C30)

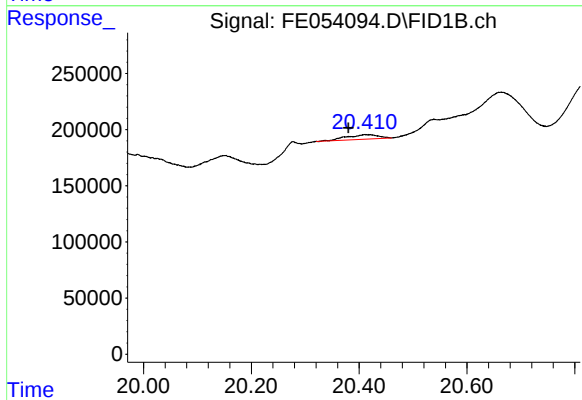
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 18934
Conc: 0.15 ug/ml



#18 n-Dotriacontane (C32)

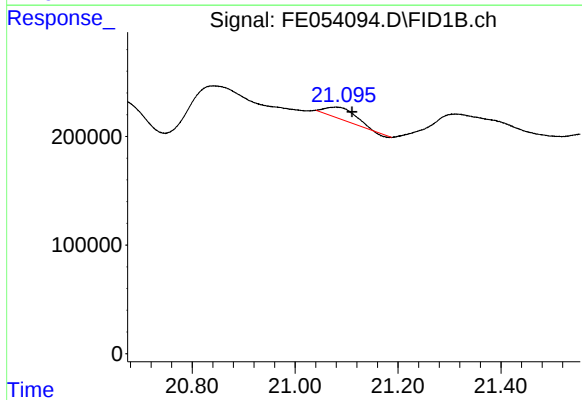
R.T.: 18.875 min
Delta R.T.: 0.023 min
Response: 75997
Conc: 0.61 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.031 min
Response: 162535
Conc: 1.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.031 min
Response: 403288
Conc: 3.71 ug/ml