

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054842.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 13:55
 Operator : YP\AJ
 Sample : Q2565-02DL 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0194-0195DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:30:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.083	287290	1.769 ug/ml
Spiked Amount 50.000		Recovery =	3.54%
12) S 1-chlorooctadecane (S...	13.521	360020	2.851 ug/ml
Spiked Amount 50.000		Recovery =	5.70%
Target Compounds			
6) T n-Tetradecane (C14)	8.685	98735	0.712 ug/ml
7) T n-Hexadecane (C16)	10.323	46633	0.327 ug/ml
8) T n-Octadecane (C18)	11.757	49965	0.341 ug/ml
10) T n-Eicosane (C20)	13.072	82705	0.575 ug/ml
11) T n-Heneicosane (C21)	13.686	220004	1.540 ug/ml
13) T n-Docosane (C22)	14.274	357800	2.506 ug/ml
16) T n-Octacosane (C28)	17.355	16791	0.115 ug/ml
17) T n-Tricontane (C30)	18.245	31461	0.200 ug/ml
18) T n-Dotriacontane (C32)	19.080	54132	0.335 ug/ml
20) T n-Hexatriacontane (C36)	20.605	27087	0.201 ug/ml

(f)=RT Delta > 1/2 Window

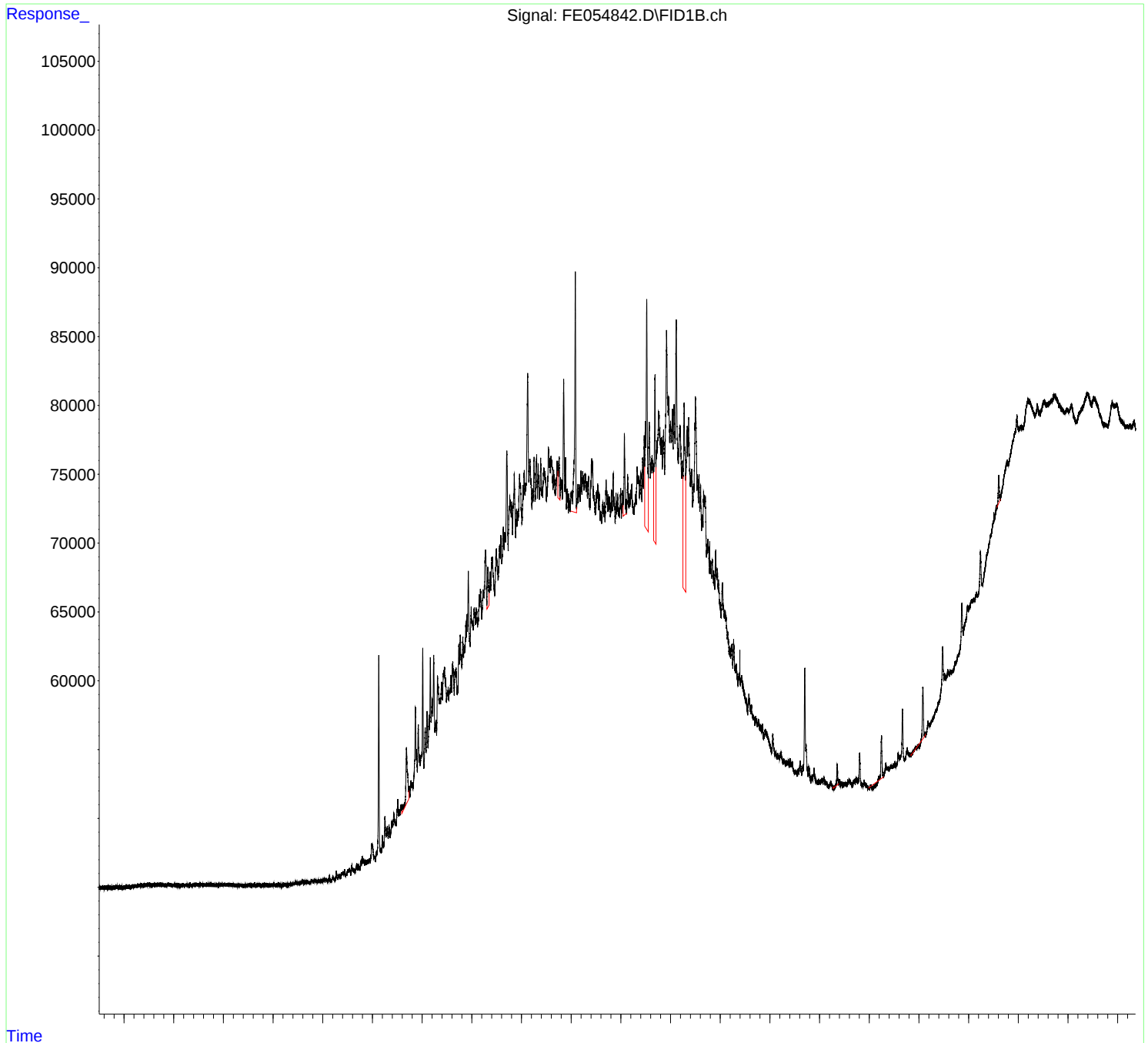
(m)=manual int.

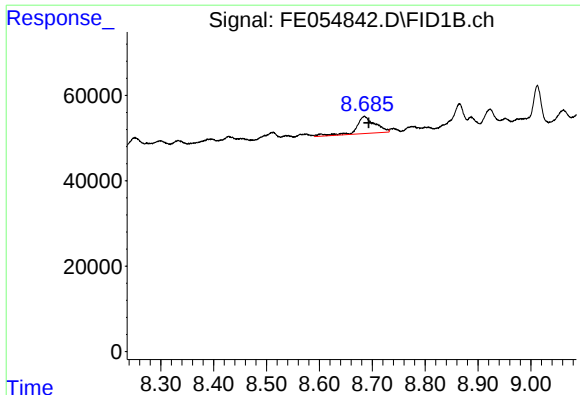
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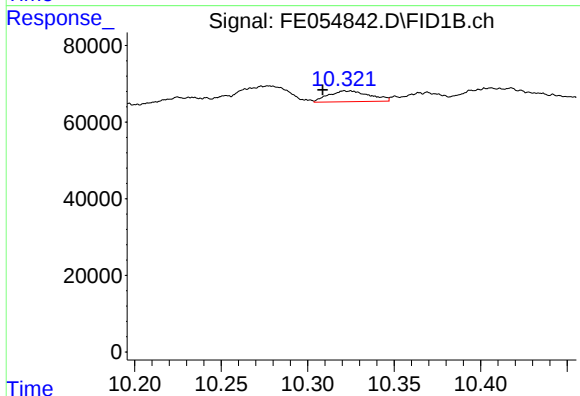




#6 n-Tetradecane (C14)

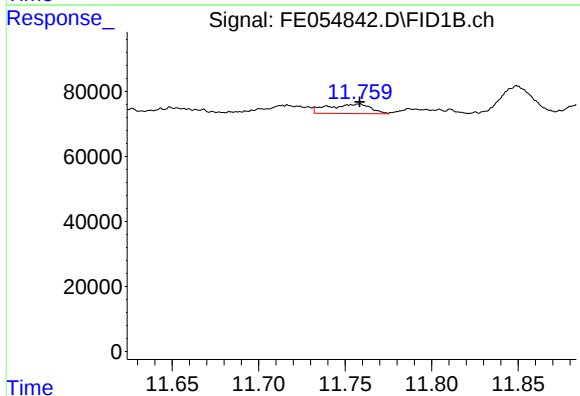
R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 98735
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0194-0195DL



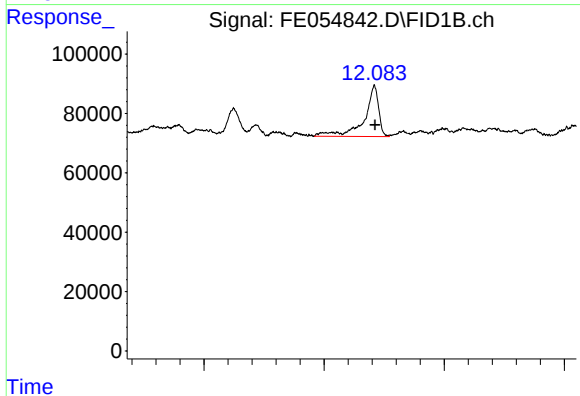
#7 n-Hexadecane (C16)

R.T.: 10.323 min
Delta R.T.: 0.015 min
Response: 46633
Conc: 0.33 ug/ml



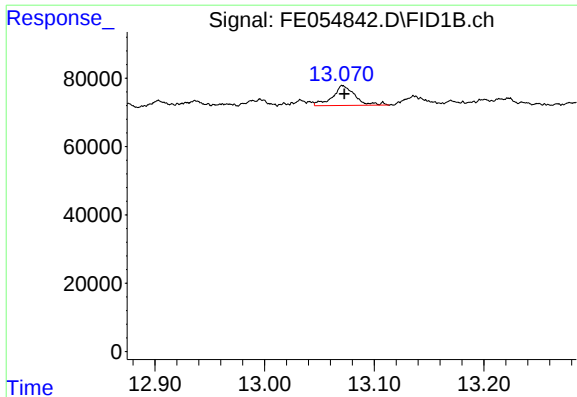
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: -0.002 min
Response: 49965
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURR)

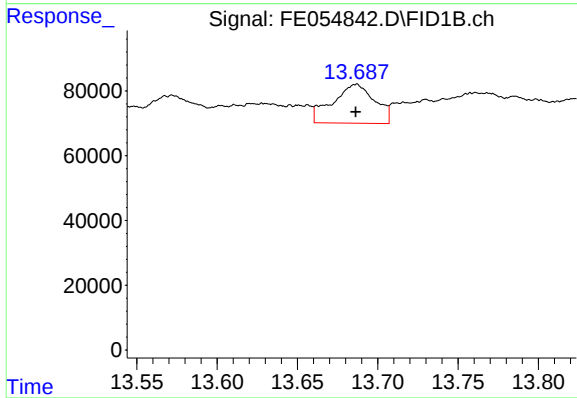
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 287290
Conc: 1.77 ug/ml



#10 n-Eicosane (C20)

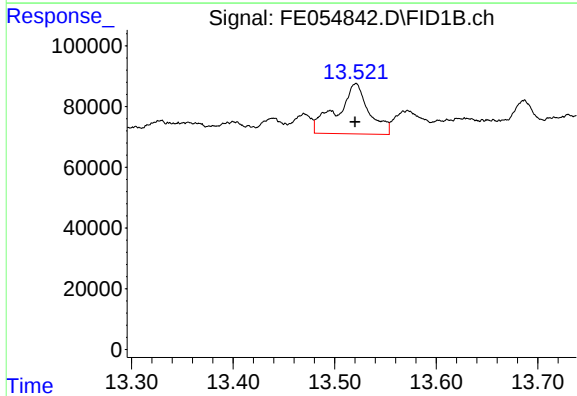
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 82705
Conc: 0.58 ug/ml

Instrument :
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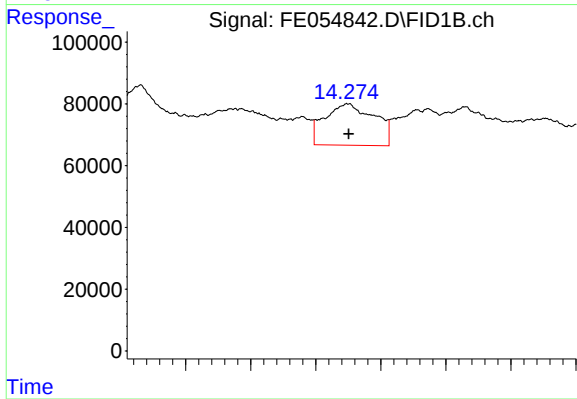
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 220004
Conc: 1.54 ug/ml



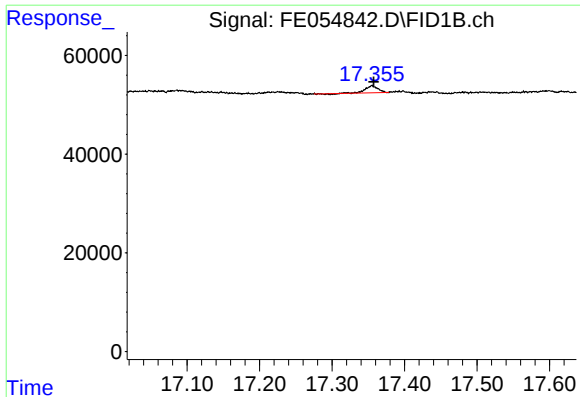
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 360020
Conc: 2.85 ug/ml



#13 n-Docosane (C22)

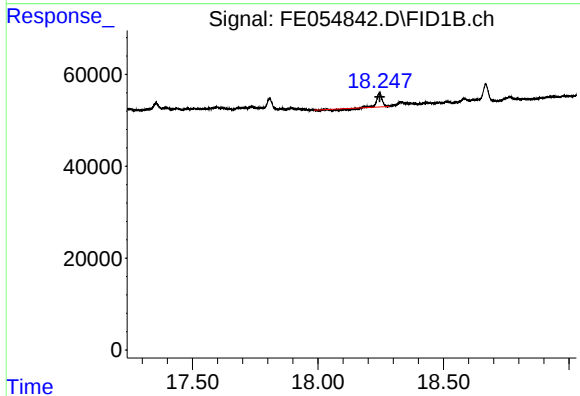
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 357800
Conc: 2.51 ug/ml



#16 n-Octacosane (C28)

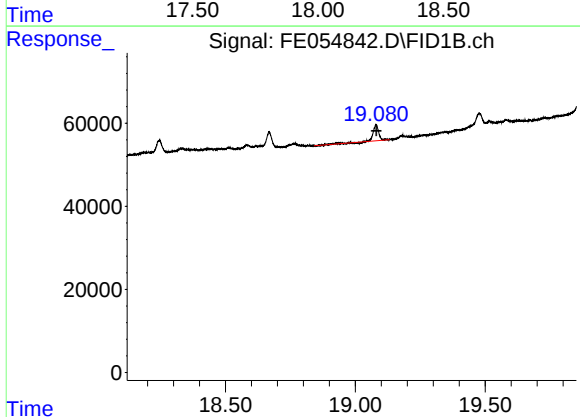
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 16791
Conc: 0.12 ug/ml

Instrument :
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ClientSampleId :
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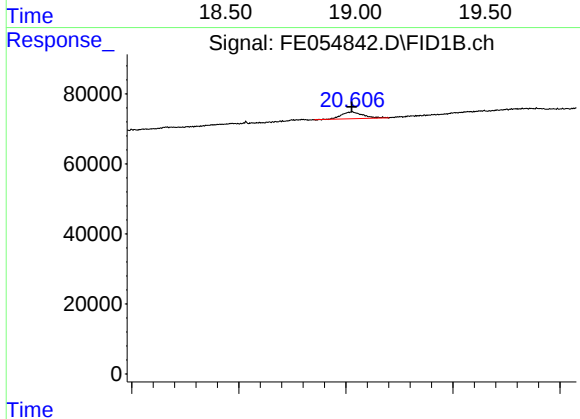
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 31461
Conc: 0.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 54132
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 27087
Conc: 0.20 ug/ml