

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054860.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 19:57
 Operator : YP\AJ
 Sample : Q2597-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT-26899-E2

Integration File: autoint1.e
 Quant Time: Jul 16 04:08:35 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)	12.088	6286247	38.710 ug/ml
Spiked Amount 50.000		Recovery =	77.42%
12) S 1-chlorooctadecane (S...	13.524	4528774	35.859 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
7) T n-Hexadecane (C16)	10.327	23137	0.162 ug/ml
8) T n-Octadecane (C18)	11.780	155286	1.060 ug/ml
10) T n-Eicosane (C20)	13.066	33052	0.230 ug/ml
11) T n-Heneicosane (C21)	13.740f	447136	3.130 ug/ml
13) T n-Docosane (C22)	14.301	887186	6.213 ug/ml
14) T n-Tetracosane (C24)	15.372	132245	0.910 ug/ml
16) T n-Octacosane (C28)	17.404	119233	0.818 ug/ml
17) T n-Tricontane (C30)	18.242	54544	0.346 ug/ml
18) T n-Dotriacontane (C32)	19.074	107165	0.662 ug/ml
19) T n-Tetratriacontane (C34)	19.864	45431	0.298 ug/ml

(f)=RT Delta > 1/2 Window

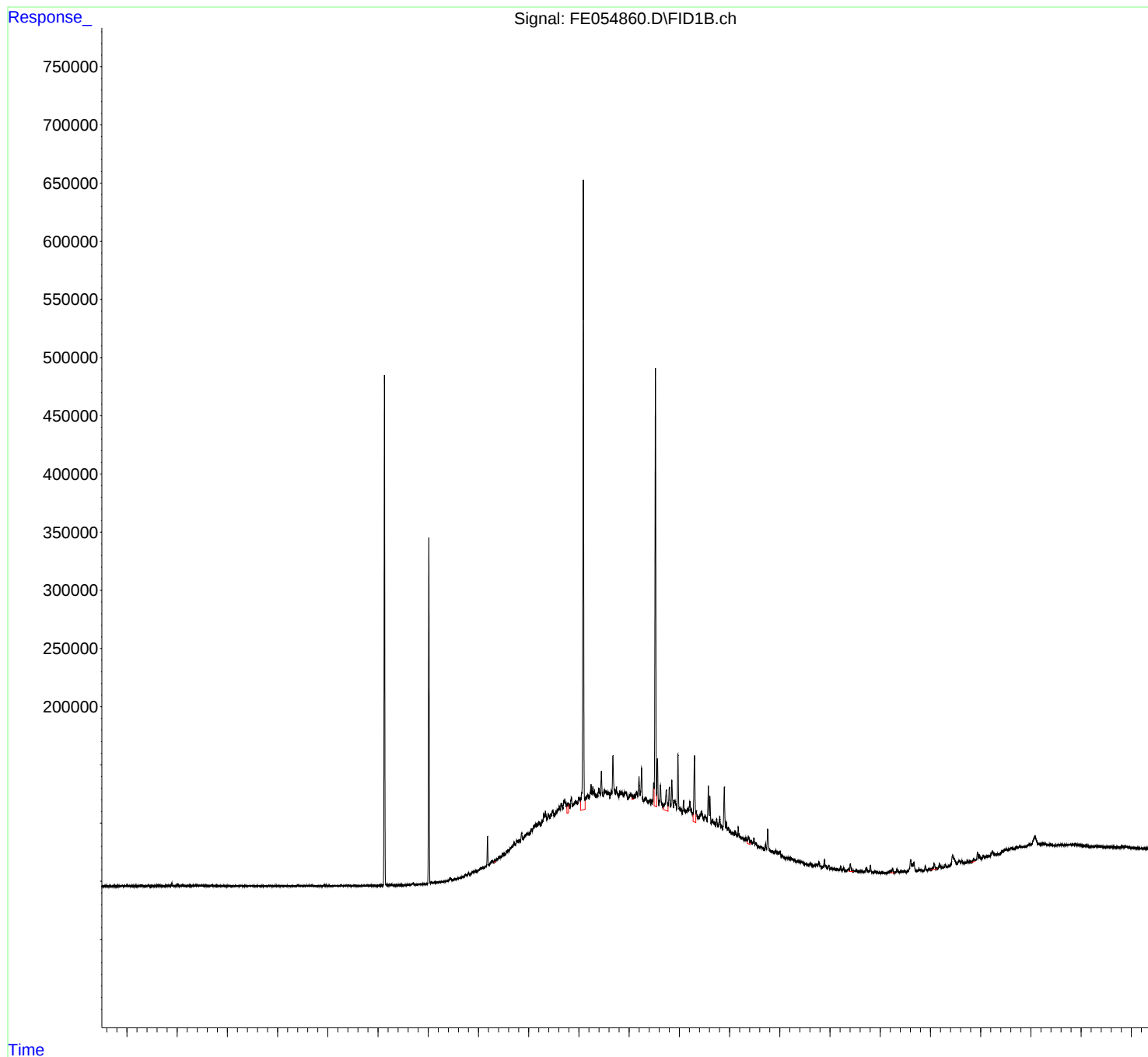
(m)=manual int.

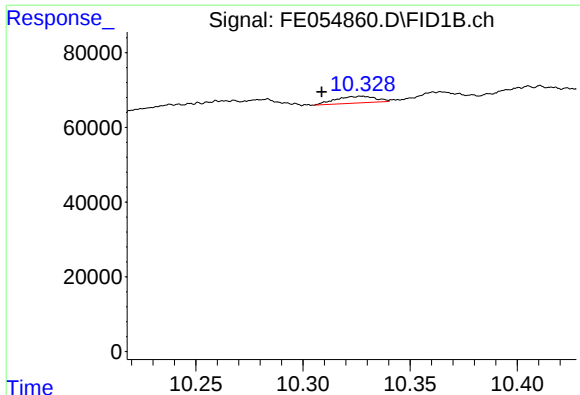
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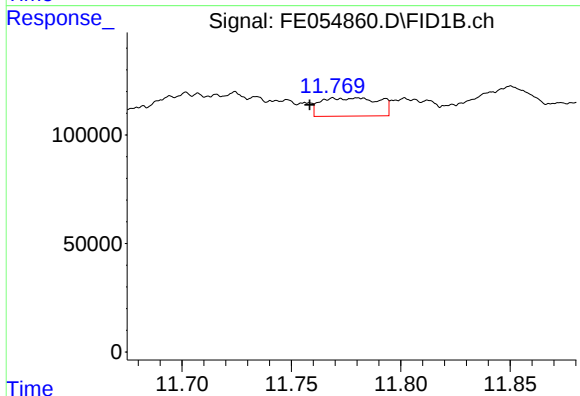




#7 n-Hexadecane (C16)

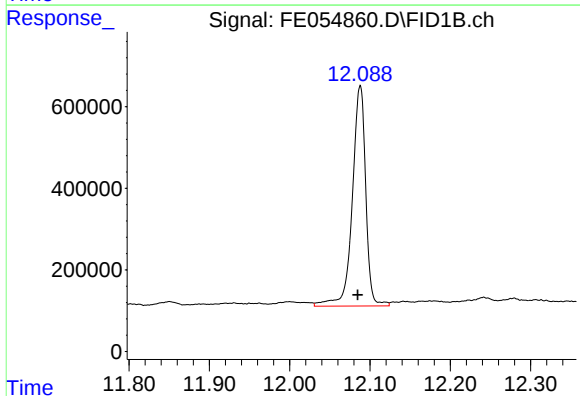
R.T.: 10.327 min
Delta R.T.: 0.018 min
Response: 23137
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899-E2



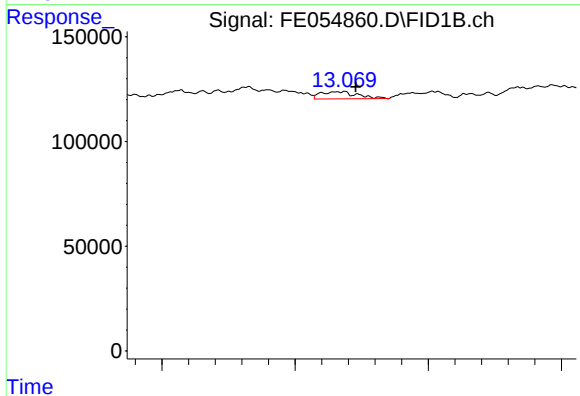
#8 n-Octadecane (C18)

R.T.: 11.780 min
Delta R.T.: 0.022 min
Response: 155286
Conc: 1.06 ug/ml



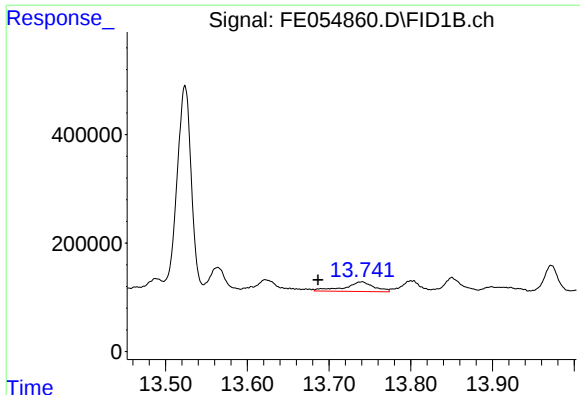
#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.003 min
Response: 6286247
Conc: 38.71 ug/ml



#10 n-Eicosane (C20)

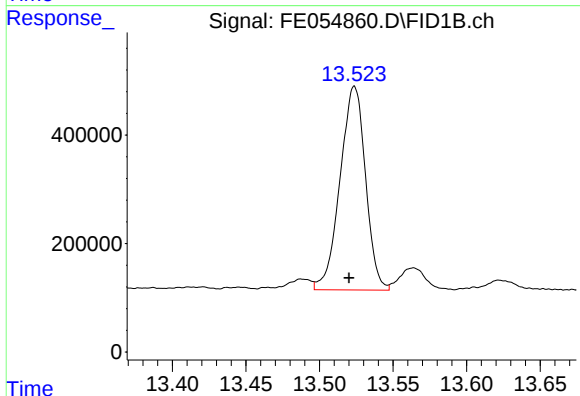
R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 33052
Conc: 0.23 ug/ml



#11 n-Heneicosane (C21)

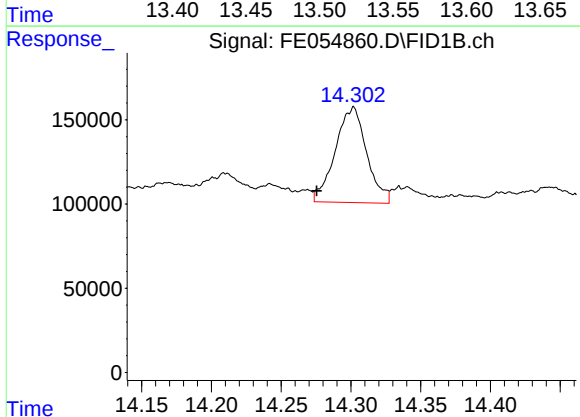
R.T.: 13.740 min
Delta R.T.: 0.053 min
Response: 447136
Conc: 3.13 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899-E2



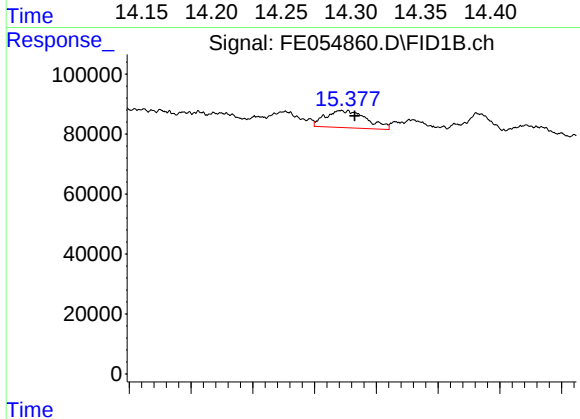
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4528774
Conc: 35.86 ug/ml



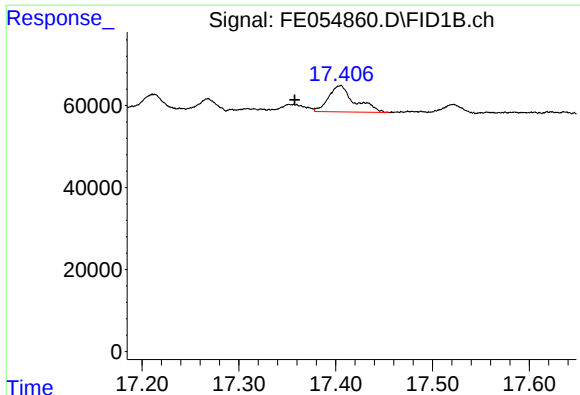
#13 n-Docosane (C22)

R.T.: 14.301 min
Delta R.T.: 0.026 min
Response: 887186
Conc: 6.21 ug/ml



#14 n-Tetracosane (C24)

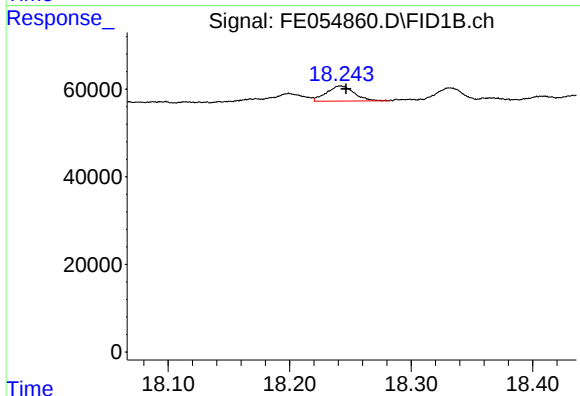
R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 132245
Conc: 0.91 ug/ml



#16 n-Octacosane (C28)

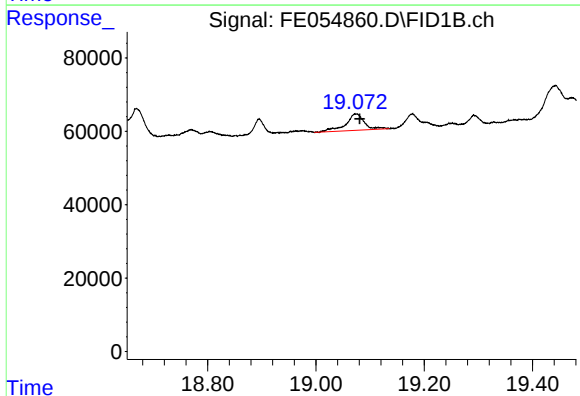
R.T.: 17.404 min
Delta R.T.: 0.047 min
Response: 119233
Conc: 0.82 ug/ml

Instrument :
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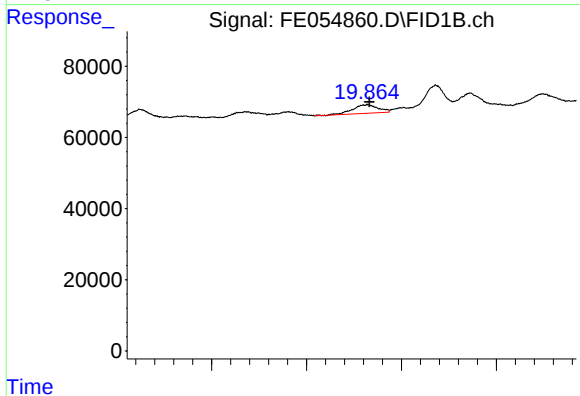
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 54544
Conc: 0.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.007 min
Response: 107165
Conc: 0.66 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 45431
Conc: 0.30 ug/ml