

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054506.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 05:45
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jun 20 23:20:53 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)	11.823	87074	0.527 ug/ml
Spiked Amount 50.000		Recovery =	1.05%
12) S 1-chlorooctadecane (S...	13.272	64433	0.528 ug/ml
Spiked Amount 50.000		Recovery =	1.06%
Target Compounds			
10) T n-Eicosane (C20)	12.813	319193	2.386 ug/ml
11) T n-Heneicosane (C21)	13.434	277781	2.089 ug/ml
13) T n-Docosane (C22)	14.024	276182	2.106 ug/ml
14) T n-Tetracosane (C24)	15.131	211432	1.639 ug/ml
15) T n-Hexacosane (C26)	16.157	134014	1.068 ug/ml
16) T n-Octacosane (C28)	17.108	81973	0.668 ug/ml
17) T n-Tricontane (C30)	17.997	120619	0.973 ug/ml
18) T n-Dotriacontane (C32)	18.831	161405	1.285 ug/ml
20) T n-Hexatriacontane (C36)	20.358	79350	0.616 ug/ml
21) T n-Octatriacontane (C38)	21.085	9064	0.069 ug/ml

(f)=RT Delta > 1/2 Window

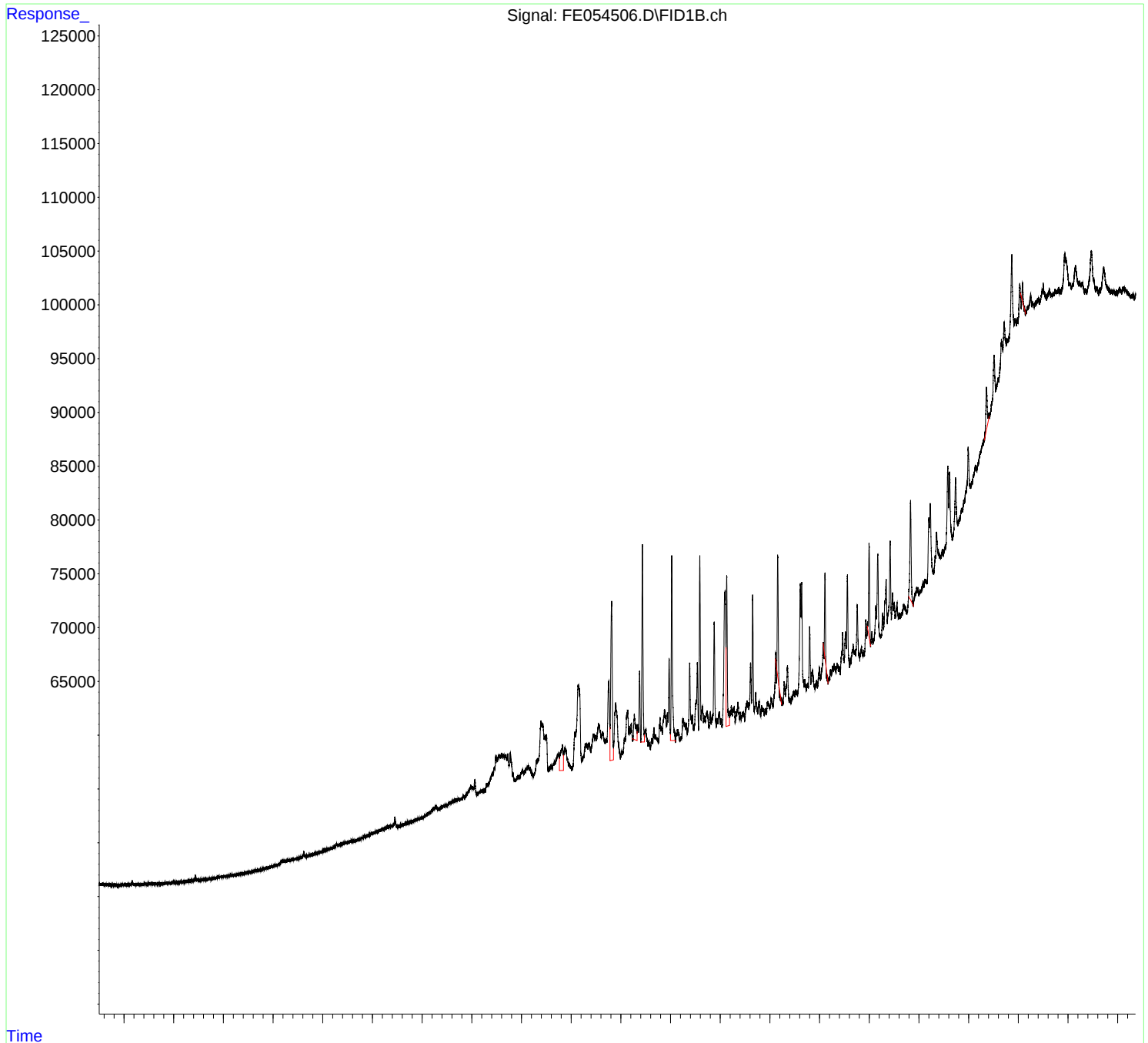
(m)=manual int.

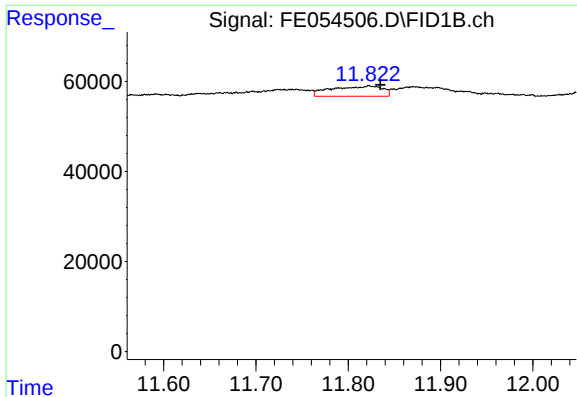
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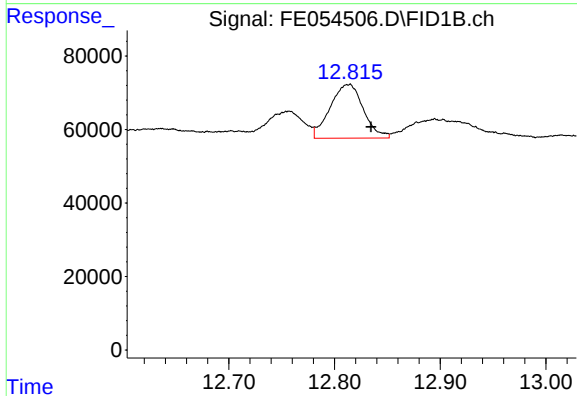




#9 ortho-Terphenyl (SURR)

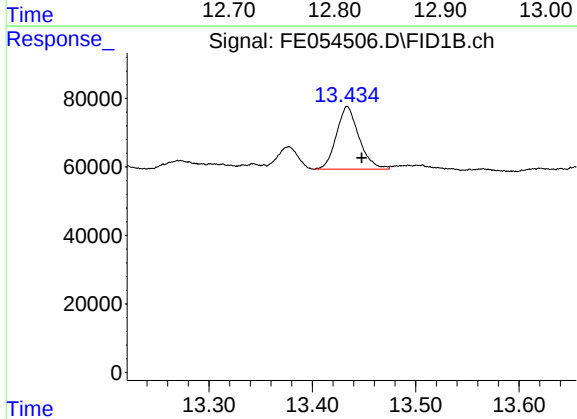
R.T.: 11.823 min
Delta R.T.: -0.011 min
Response: 87074
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



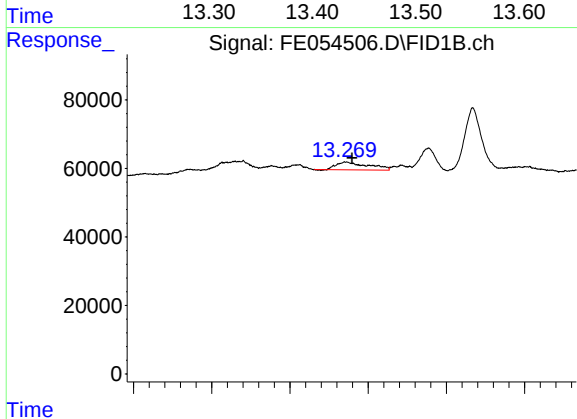
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.022 min
Response: 319193
Conc: 2.39 ug/ml



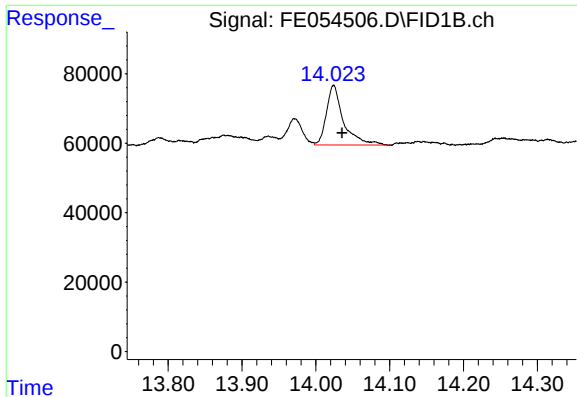
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 277781
Conc: 2.09 ug/ml



#12 1-chlorooctadecane (SURR)

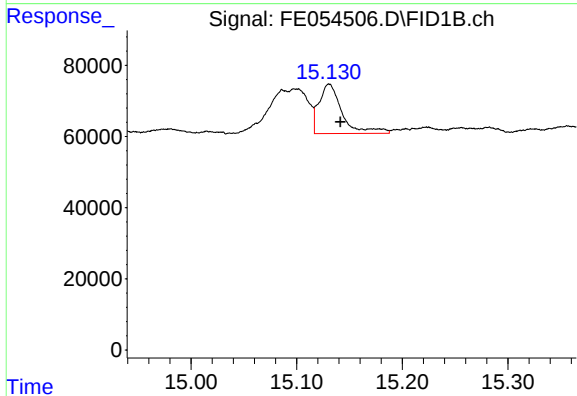
R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 64433
Conc: 0.53 ug/ml



#13 n-Docosane (C22)

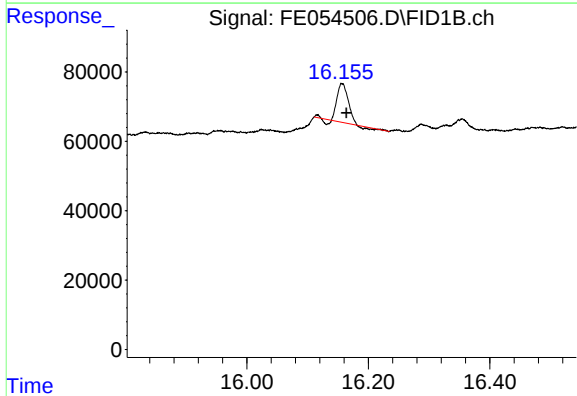
R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 276182
Conc: 2.11 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



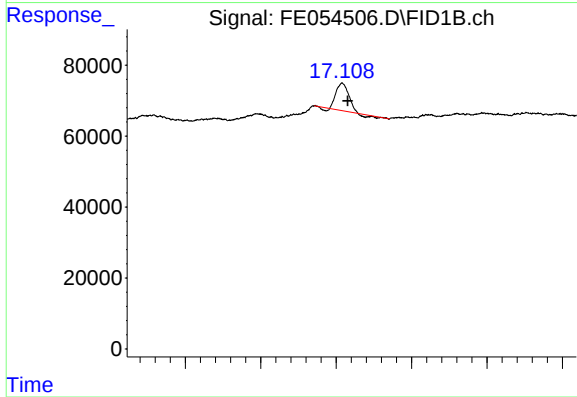
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.011 min
Response: 211432
Conc: 1.64 ug/ml



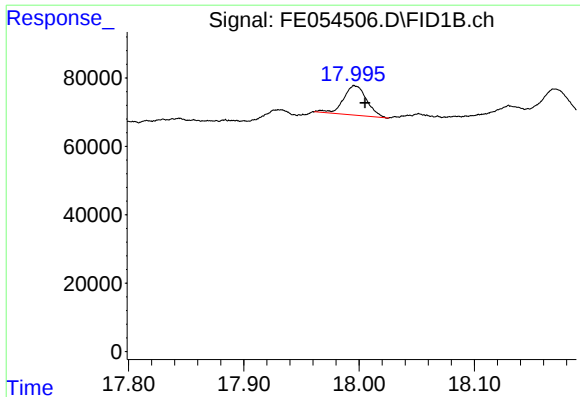
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 134014
Conc: 1.07 ug/ml



#16 n-Octacosane (C28)

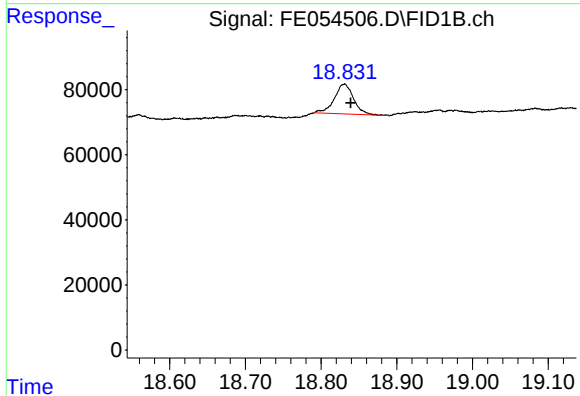
R.T.: 17.108 min
Delta R.T.: -0.007 min
Response: 81973
Conc: 0.67 ug/ml



#17 n-Tricontane (C30)

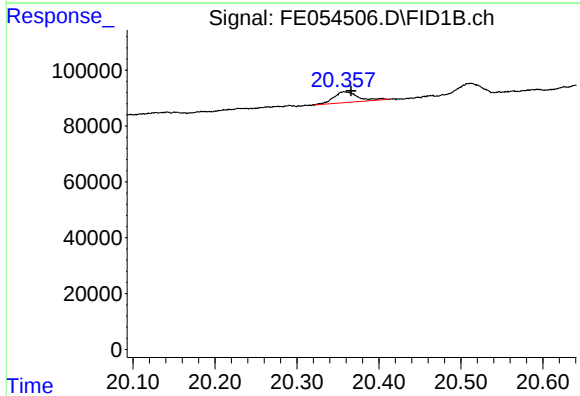
R.T.: 17.997 min
Delta R.T.: -0.009 min
Response: 120619
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



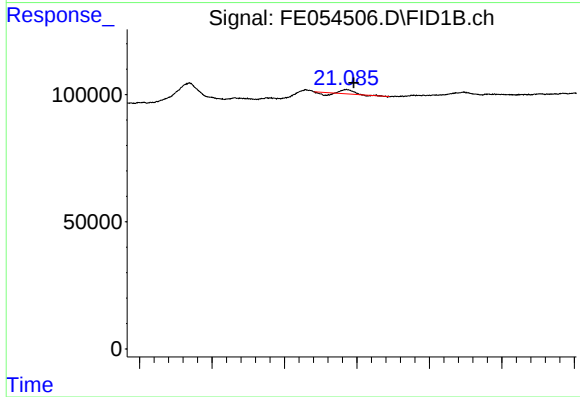
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 161405
Conc: 1.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.008 min
Response: 79350
Conc: 0.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.010 min
Response: 9064
Conc: 0.07 ug/ml