

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
 Data File : FE054725.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2025 06:03
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 08 12:27:50 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)	12.029f	48285	0.297 ug/ml
Spiked Amount 50.000		Recovery =	0.59%
12) S 1-chlorooctadecane (S...	13.474	68354	0.541 ug/ml
Spiked Amount 50.000		Recovery =	1.08%
Target Compounds			
8) T n-Octadecane (C18)	11.723	100583	0.686 ug/ml
10) T n-Eicosane (C20)	13.068	116554	0.811 ug/ml
11) T n-Heneicosane (C21)	13.687	107075	0.750 ug/ml
13) T n-Docosane (C22)	14.274	91137	0.638 ug/ml
14) T n-Tetracosane (C24)	15.381	92808	0.638 ug/ml
15) T n-Hexacosane (C26)	16.406	70782	0.489 ug/ml
16) T n-Octacosane (C28)	17.358	95818	0.657 ug/ml
17) T n-Tricontane (C30)	18.247	192809	1.224 ug/ml
18) T n-Dotriacontane (C32)	19.082	281801	1.742 ug/ml
19) T n-Tetratriacontane (C34)	19.868	99790	0.655 ug/ml
20) T n-Hexatriacontane (C36)	20.608	912634	6.788 ug/ml
21) T n-Octatriacontane (C38)	21.388	786165	6.703 ug/ml

(f)=RT Delta > 1/2 Window

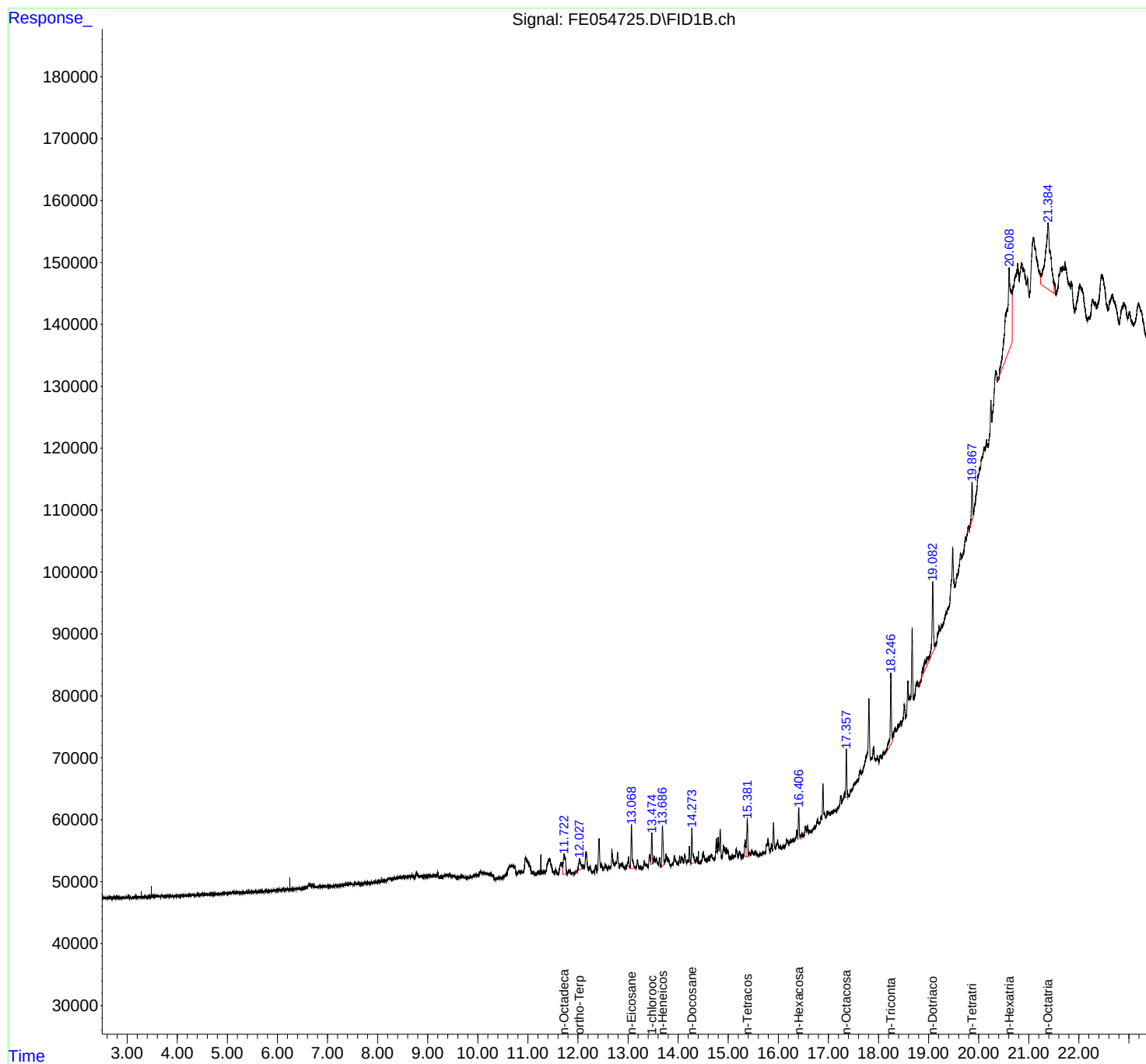
(m)=manual int.

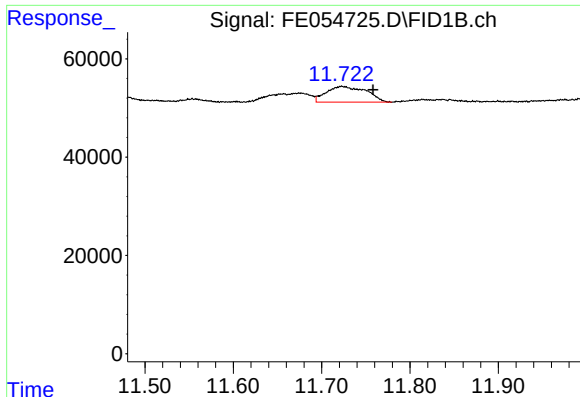
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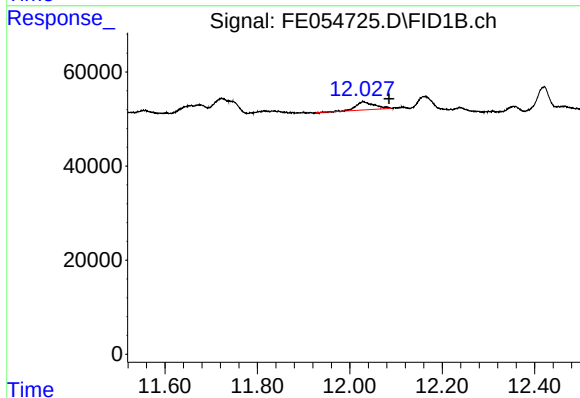




#8 n-Octadecane (C18)

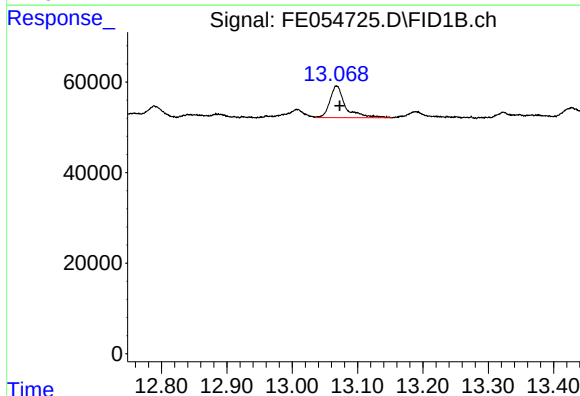
R.T.: 11.723 min
Delta R.T.: -0.035 min
Response: 100583
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



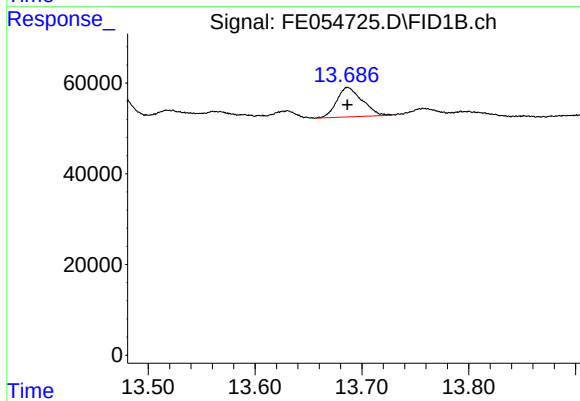
#9 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: -0.055 min
Response: 48285
Conc: 0.30 ug/ml



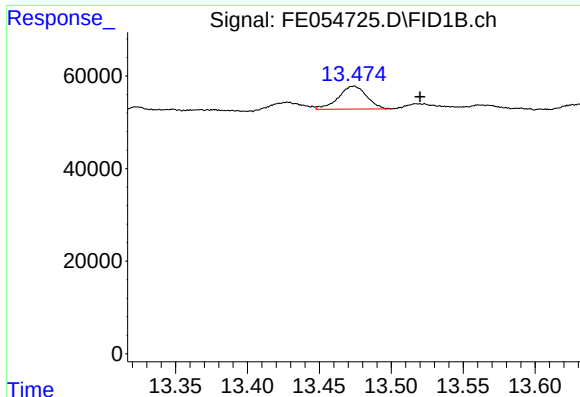
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 116554
Conc: 0.81 ug/ml



#11 n-Heneicosane (C21)

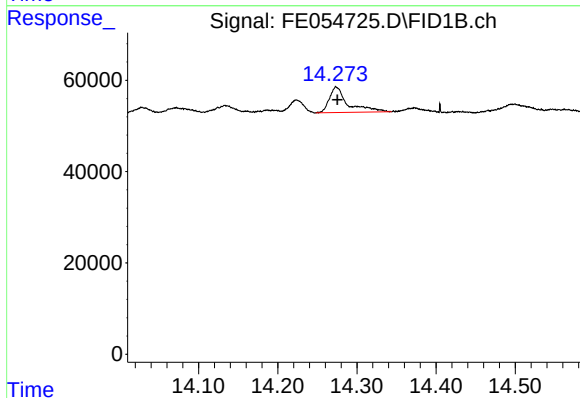
R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 107075
Conc: 0.75 ug/ml



#12 1-chlorooctadecane (SURR)

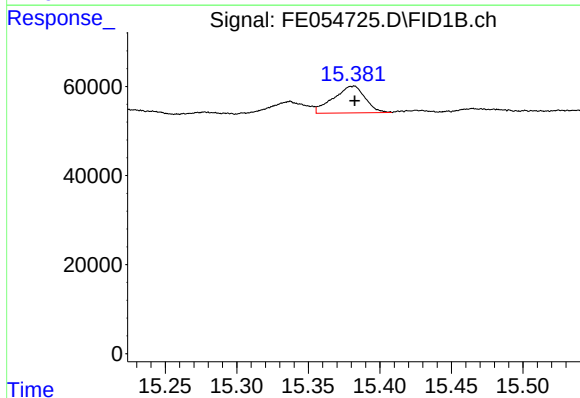
R.T.: 13.474 min
Delta R.T.: -0.046 min
Response: 68354
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



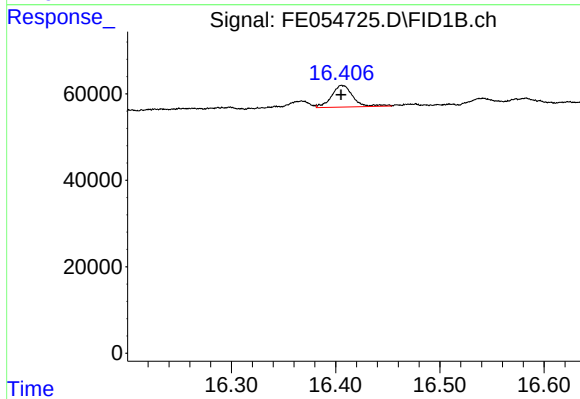
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 91137
Conc: 0.64 ug/ml



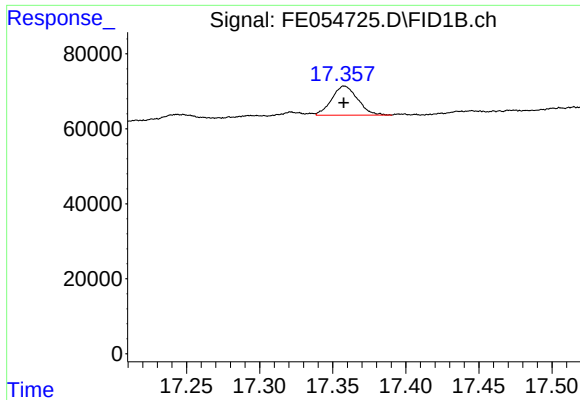
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.002 min
Response: 92808
Conc: 0.64 ug/ml



#15 n-Hexacosane (C26)

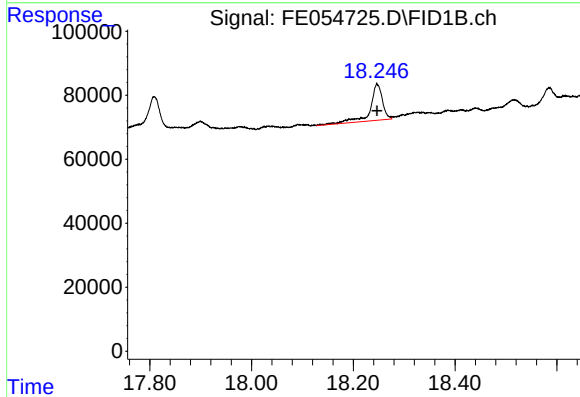
R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 70782
Conc: 0.49 ug/ml



#16 n-Octacosane (C28)

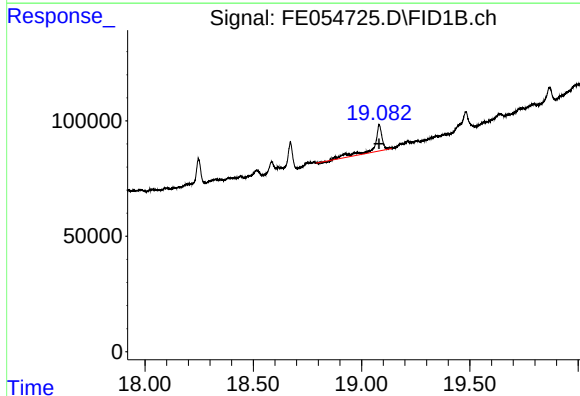
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 95818
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



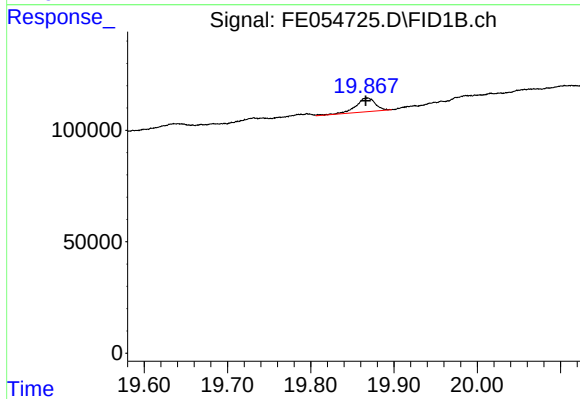
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 192809
Conc: 1.22 ug/ml



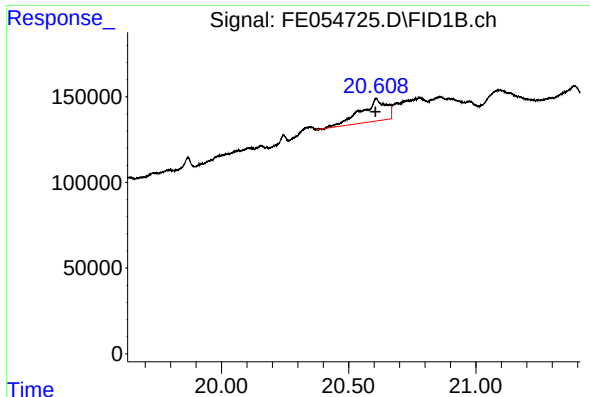
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 281801
Conc: 1.74 ug/ml



#19 n-Tetratriacontane (C34)

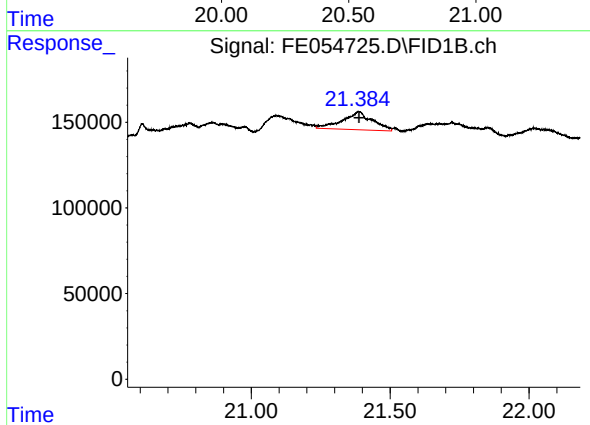
R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 99790
Conc: 0.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 912634
Conc: 6.79 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 786165
Conc: 6.70 ug/ml