

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054952.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 07:25
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 23 04:27:02 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)	12.117	77858	0.479 ug/ml
Spiked Amount 50.000		Recovery =	0.96%
12) S 1-chlorooctadecane (S...	13.521	79664	0.631 ug/ml
Spiked Amount 50.000		Recovery =	1.26%
Target Compounds			
10) T n-Eicosane (C20)	13.062	249081	1.732 ug/ml
11) T n-Heneicosane (C21)	13.687	295697	2.070 ug/ml
13) T n-Docosane (C22)	14.277	253644	1.776 ug/ml
14) T n-Tetracosane (C24)	15.381	295518	2.033 ug/ml
15) T n-Hexacosane (C26)	16.410	201880	1.395 ug/ml
16) T n-Octacosane (C28)	17.362	308258	2.115 ug/ml
17) T n-Tricontane (C30)	18.252	614159	3.897 ug/ml
18) T n-Dotriacontane (C32)	19.087	604726	3.738 ug/ml
19) T n-Tetratriacontane (C34)	19.871	360187	2.364 ug/ml
20) T n-Hexatriacontane (C36)	20.614	244008	1.815 ug/ml
21) T n-Octatriacontane (C38)	21.397	303330	2.586 ug/ml
22) T n-Tetracontane (C40)	22.388	126824	1.170 ug/ml

(f)=RT Delta > 1/2 Window

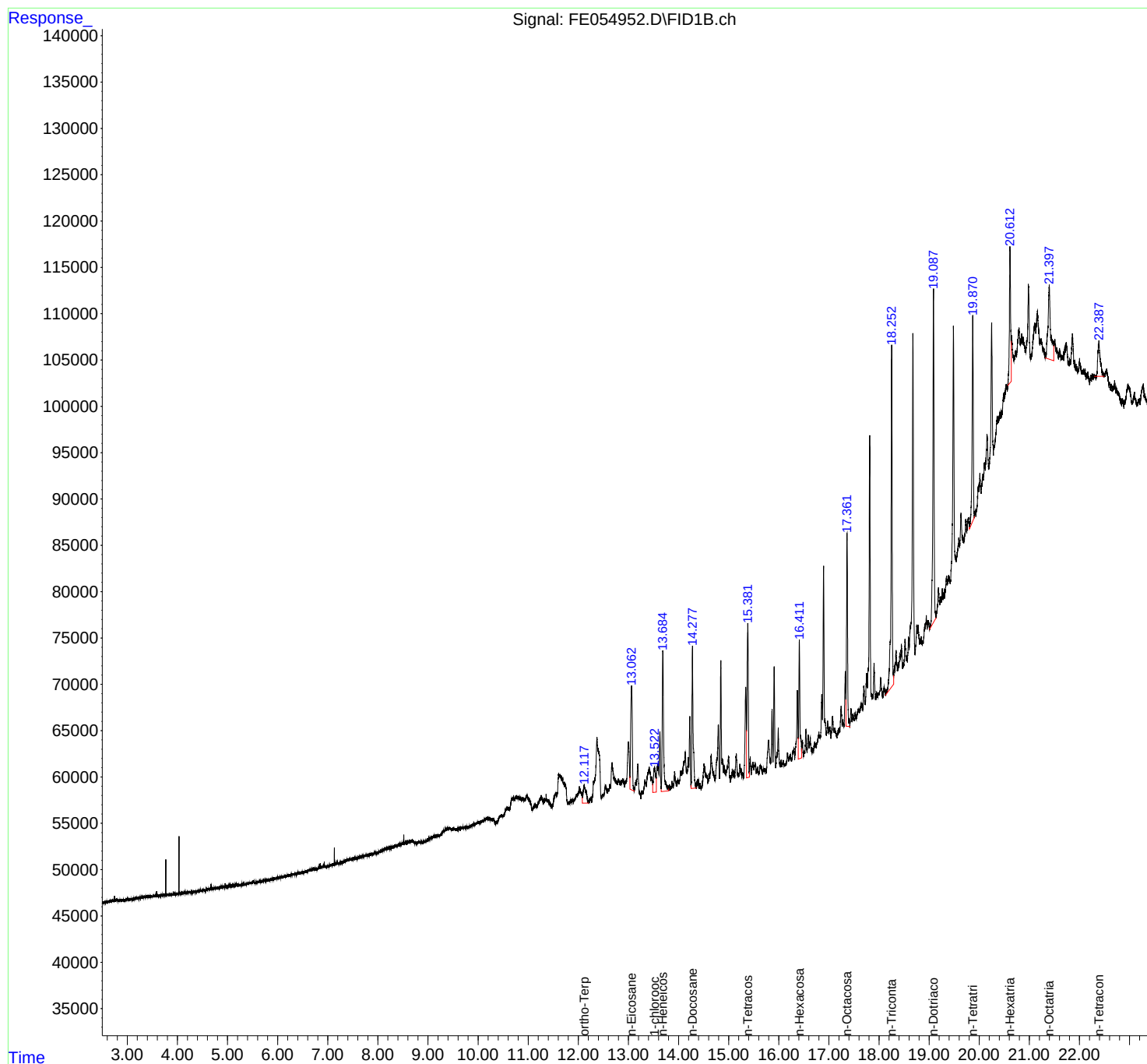
(m)=manual int.

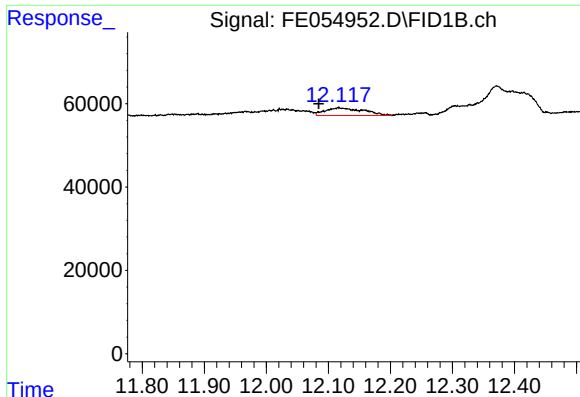
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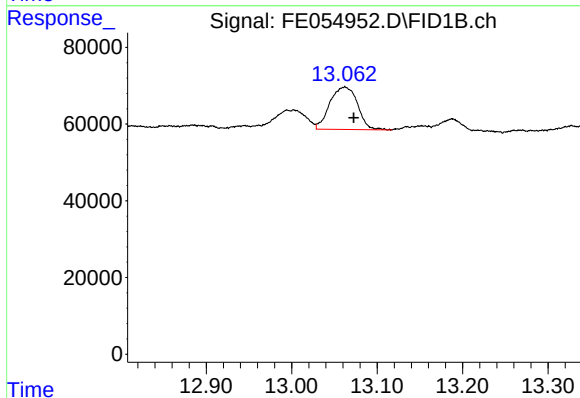




#9 ortho-Terphenyl (SURR)

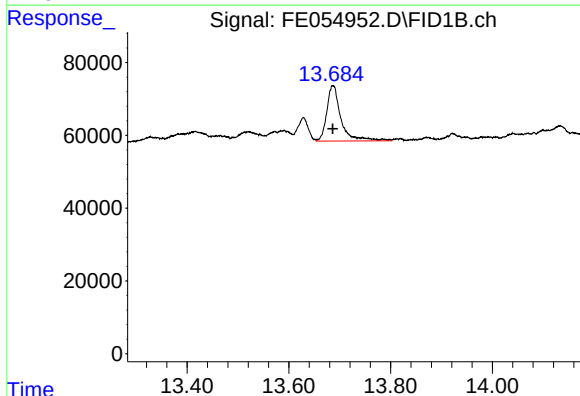
R.T.: 12.117 min
Delta R.T.: 0.032 min
Response: 77858
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



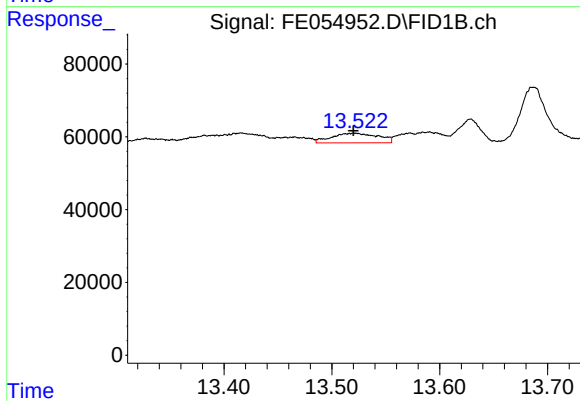
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.011 min
Response: 249081
Conc: 1.73 ug/ml



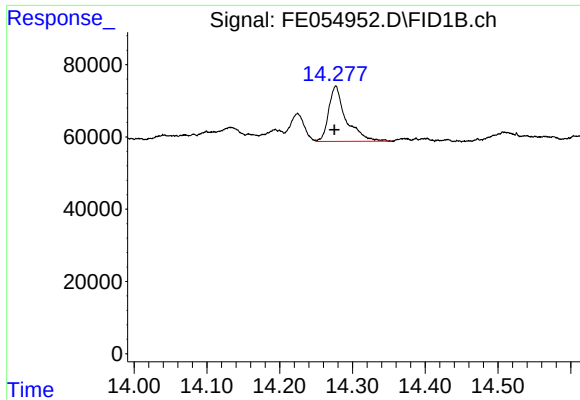
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 295697
Conc: 2.07 ug/ml



#12 1-chlorooctadecane (SURR)

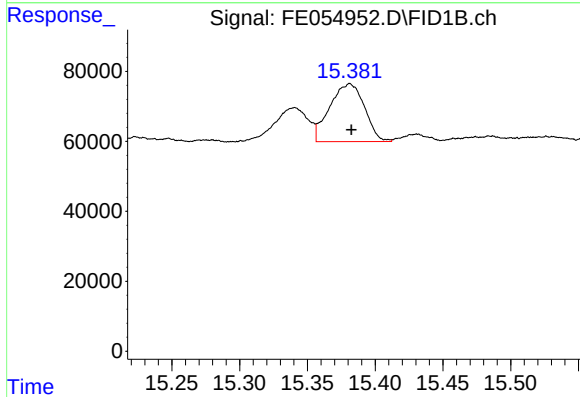
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 79664
Conc: 0.63 ug/ml



#13 n-Docosane (C22)

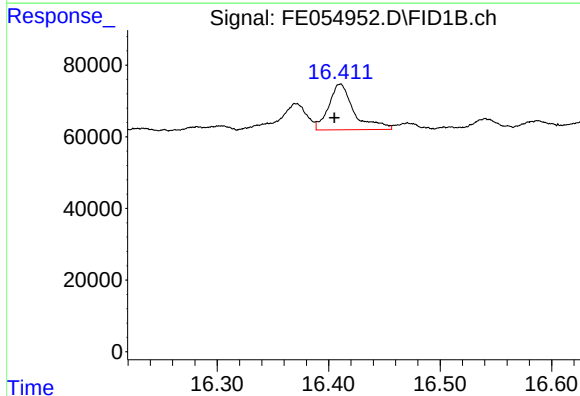
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 253644
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



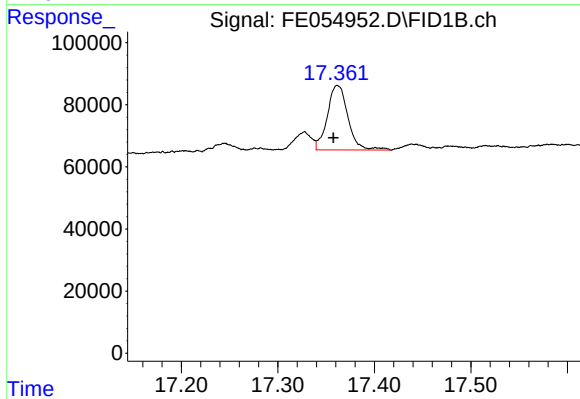
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.001 min
Response: 295518
Conc: 2.03 ug/ml



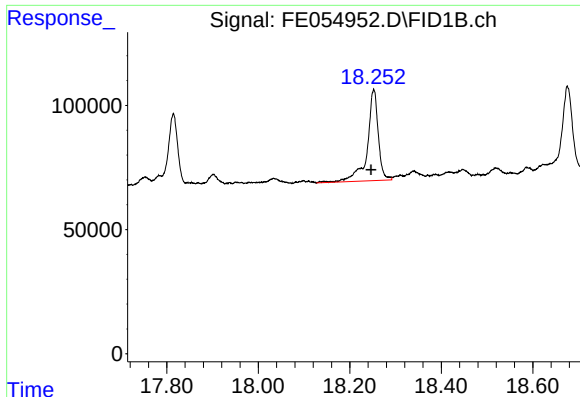
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 201880
Conc: 1.40 ug/ml



#16 n-Octacosane (C28)

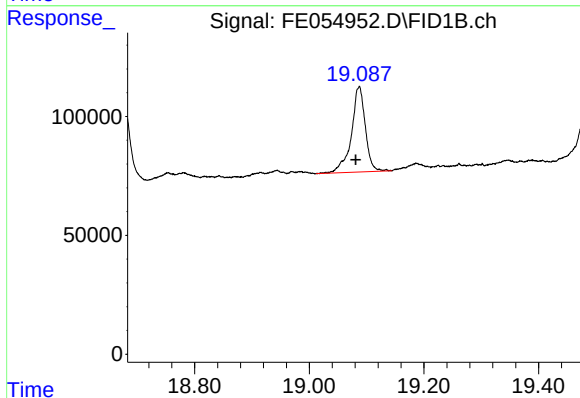
R.T.: 17.362 min
Delta R.T.: 0.004 min
Response: 308258
Conc: 2.12 ug/ml



#17 n-Tricontane (C30)

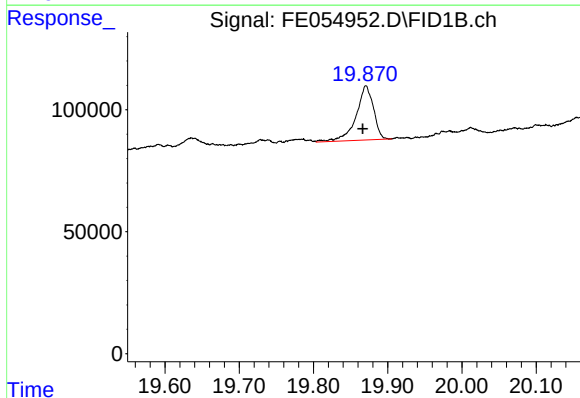
R.T.: 18.252 min
Delta R.T.: 0.006 min
Response: 614159
Conc: 3.90 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



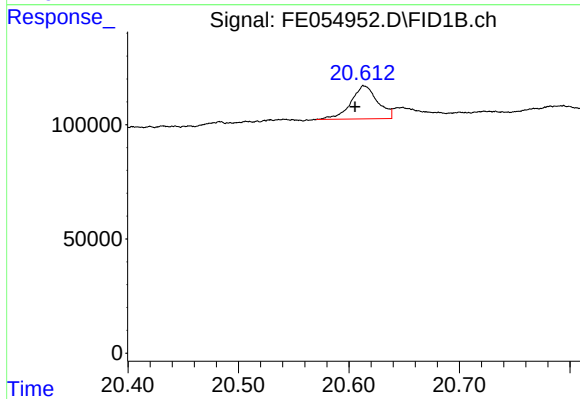
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 604726
Conc: 3.74 ug/ml



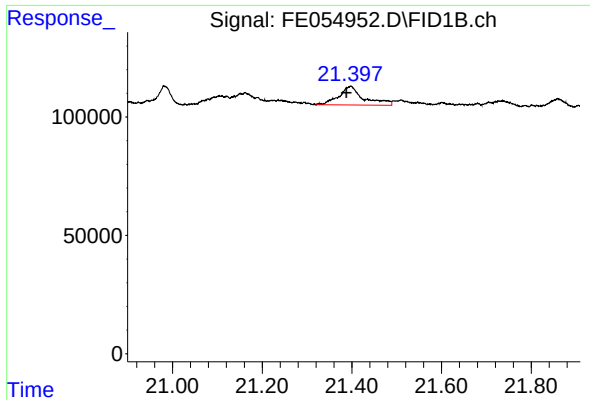
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 360187
Conc: 2.36 ug/ml



#20 n-Hexatriacontane (C36)

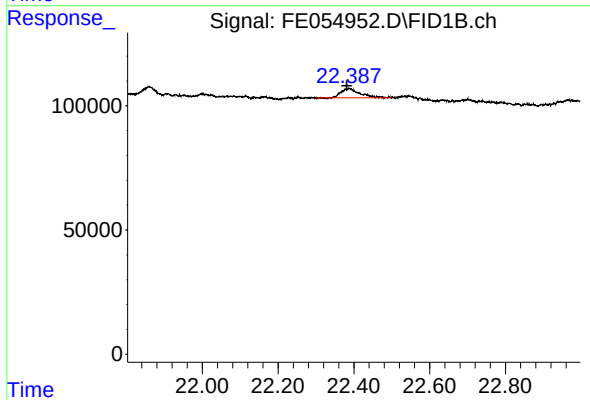
R.T.: 20.614 min
Delta R.T.: 0.009 min
Response: 244008
Conc: 1.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.009 min
Response: 303330
Conc: 2.59 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: 0.007 min
Response: 126824
Conc: 1.17 ug/ml