

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054644.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 07:09
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 02 02:19:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.071	943215	5.808 ug/ml
Spiked Amount 50.000		Recovery =	11.62%
12) S 1-chlorooctadecane (S...	13.509	64221	0.509 ug/ml
Spiked Amount 50.000		Recovery =	1.02%
Target Compounds			
10) T n-Eicosane (C20)	13.046	217272	1.511 ug/ml
11) T n-Heneicosane (C21)	13.684	185837	1.301 ug/ml
13) T n-Docosane (C22)	14.265	87308	0.611 ug/ml
14) T n-Tetracosane (C24)	15.360	207086	1.425 ug/ml
15) T n-Hexacosane (C26)	16.395	45644	0.315 ug/ml
17) T n-Tricontane (C30)	18.236	382115	2.425 ug/ml
18) T n-Dotriacontane (C32)	19.070	572107	3.536 ug/ml
19) T n-Tetratriacontane (C34)	19.853	466314	3.060 ug/ml
20) T n-Hexatriacontane (C36)	20.594	405486	3.016 ug/ml
21) T n-Octatriacontane (C38)	21.373	503651	4.294 ug/ml
22) T n-Tetracontane (C40)	22.365	242736	2.240 ug/ml

(f)=RT Delta > 1/2 Window

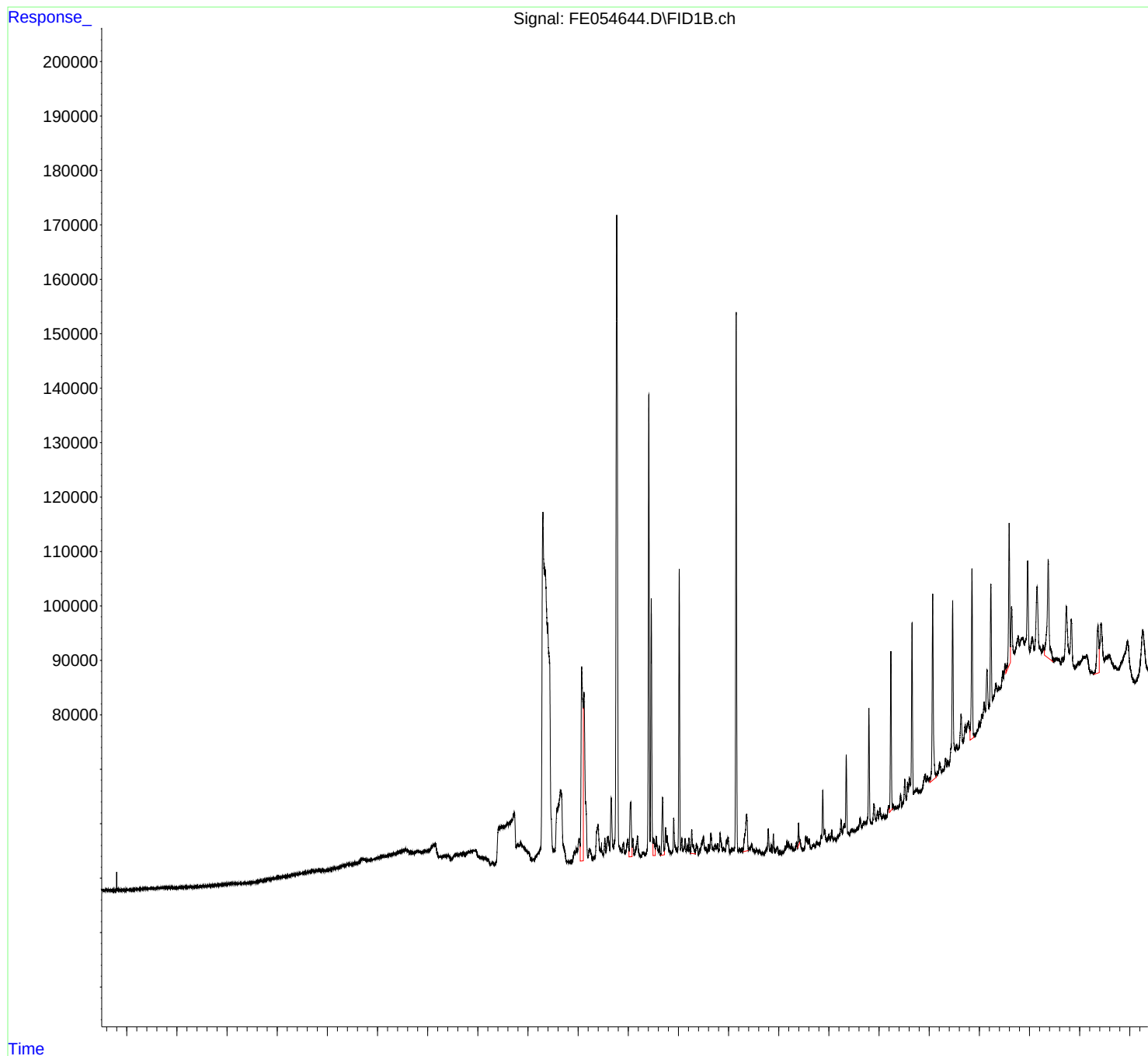
(m)=manual int.

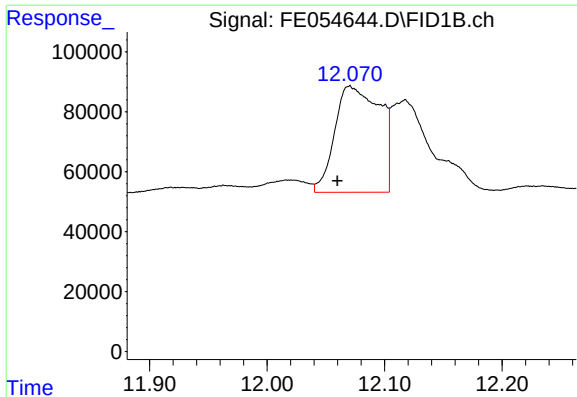
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Signal Info : 20M x 0.18mm x 0.18um

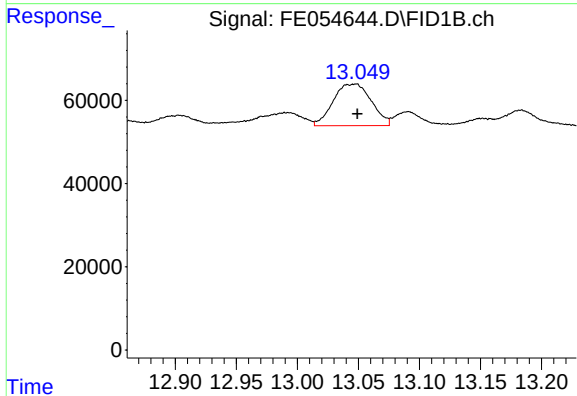




#9 ortho-Terphenyl (SURR)

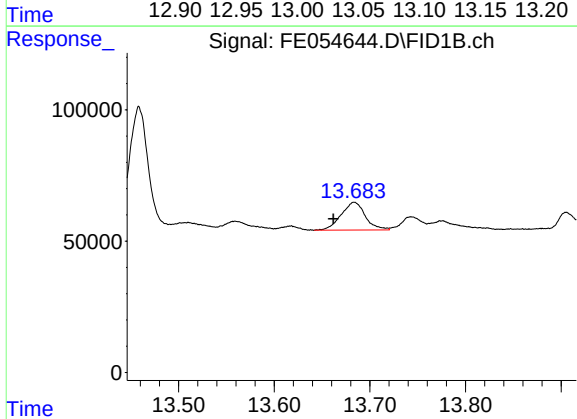
R.T.: 12.071 min
Delta R.T.: 0.011 min
Response: 943215
Conc: 5.81 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



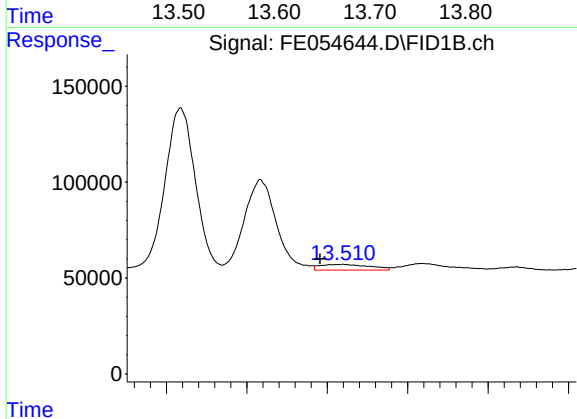
#10 n-Eicosane (C20)

R.T.: 13.046 min
Delta R.T.: -0.003 min
Response: 217272
Conc: 1.51 ug/ml



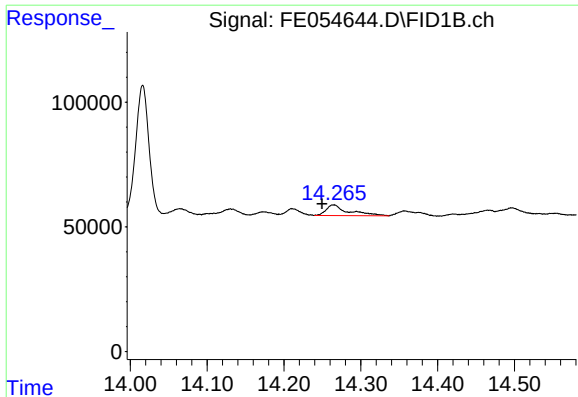
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: 0.022 min
Response: 185837
Conc: 1.30 ug/ml



#12 1-chlorooctadecane (SURR)

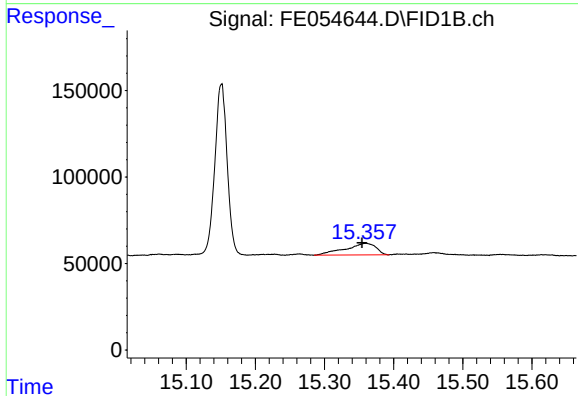
R.T.: 13.509 min
Delta R.T.: 0.013 min
Response: 64221
Conc: 0.51 ug/ml



#13 n-Docosane (C22)

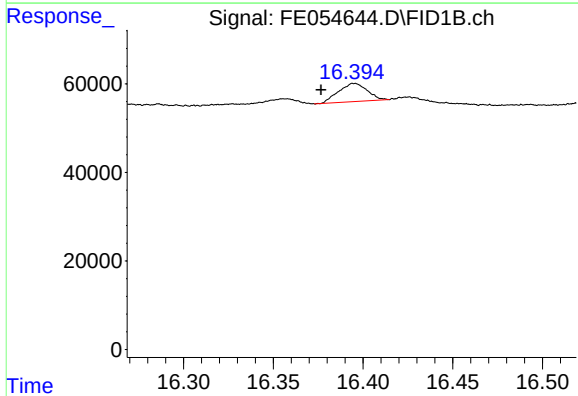
R.T.: 14.265 min
Delta R.T.: 0.015 min
Response: 87308
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



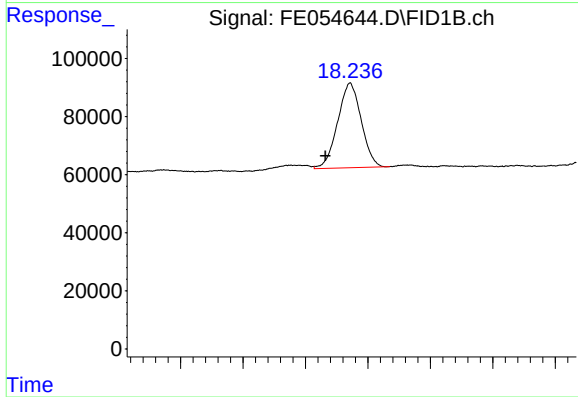
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: 0.006 min
Response: 207086
Conc: 1.42 ug/ml



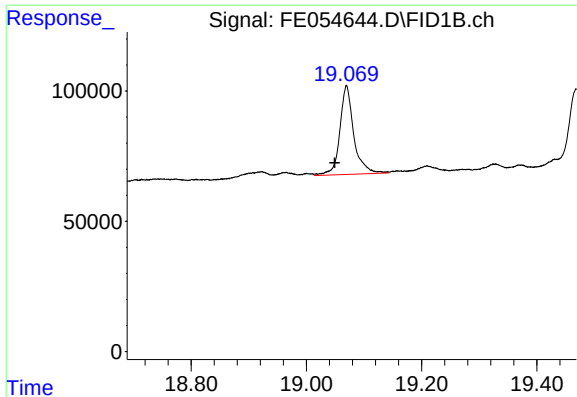
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: 0.019 min
Response: 45644
Conc: 0.32 ug/ml



#17 n-Tricontane (C30)

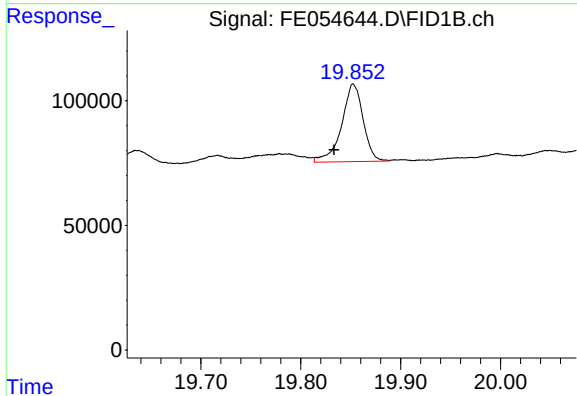
R.T.: 18.236 min
Delta R.T.: 0.020 min
Response: 382115
Conc: 2.42 ug/ml



#18 n-Dotriacontane (C32)

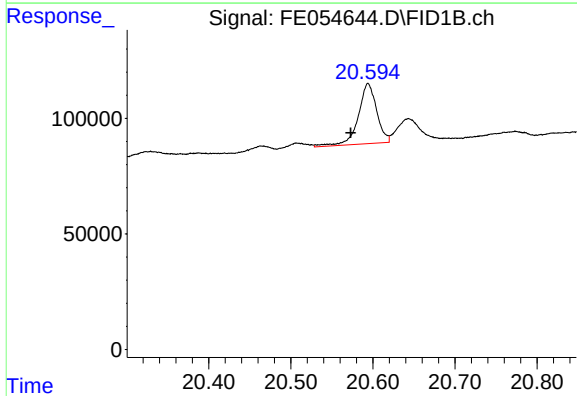
R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 572107
Conc: 3.54 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



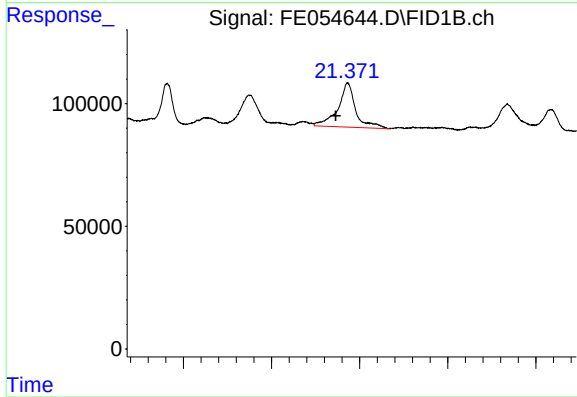
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 466314
Conc: 3.06 ug/ml



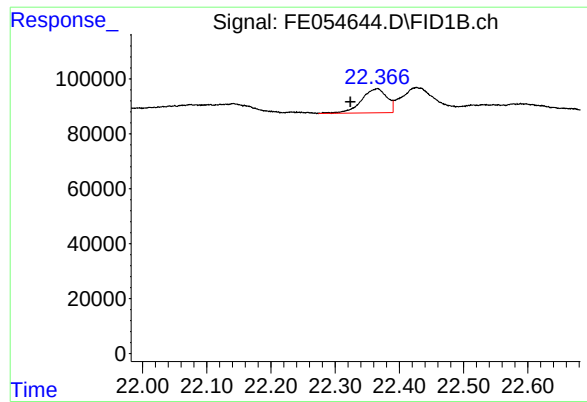
#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: 0.021 min
Response: 405486
Conc: 3.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.027 min
Response: 503651
Conc: 4.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: 0.041 min
Response: 242736
Conc: 2.24 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2