

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054664.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 06:12
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 03 05:07:53 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)	12.026	319183	1.965 ug/ml
Spiked Amount 50.000		Recovery =	3.93%
12) S 1-chlorooctadecane (S...	13.457	1541630	12.207 ug/ml
Spiked Amount 50.000		Recovery =	24.41%
Target Compounds			
7) T n-Hexadecane (C16)	10.309	250985	1.761 ug/ml
10) T n-Eicosane (C20)	13.042	255629	1.778 ug/ml
11) T n-Heneicosane (C21)	13.679	246306	1.724 ug/ml
13) T n-Docosane (C22)	14.266	126862	0.888 ug/ml
14) T n-Tetracosane (C24)	15.368	341508	2.349 ug/ml
15) T n-Hexacosane (C26)	16.358	39149	0.271 ug/ml
16) T n-Octacosane (C28)	17.350	212498	1.458 ug/ml
17) T n-Tricontane (C30)	18.239	463486	2.941 ug/ml
18) T n-Dotriacontane (C32)	19.075	439380	2.716 ug/ml
19) T n-Tetratriacontane (C34)	19.857	225658	1.481 ug/ml
20) T n-Hexatriacontane (C36)	20.598	197006	1.465 ug/ml
21) T n-Octatriacontane (C38)	21.377	114135	0.973 ug/ml
22) T n-Tetracontane (C40)	22.364	46253	0.427 ug/ml

(f)=RT Delta > 1/2 Window

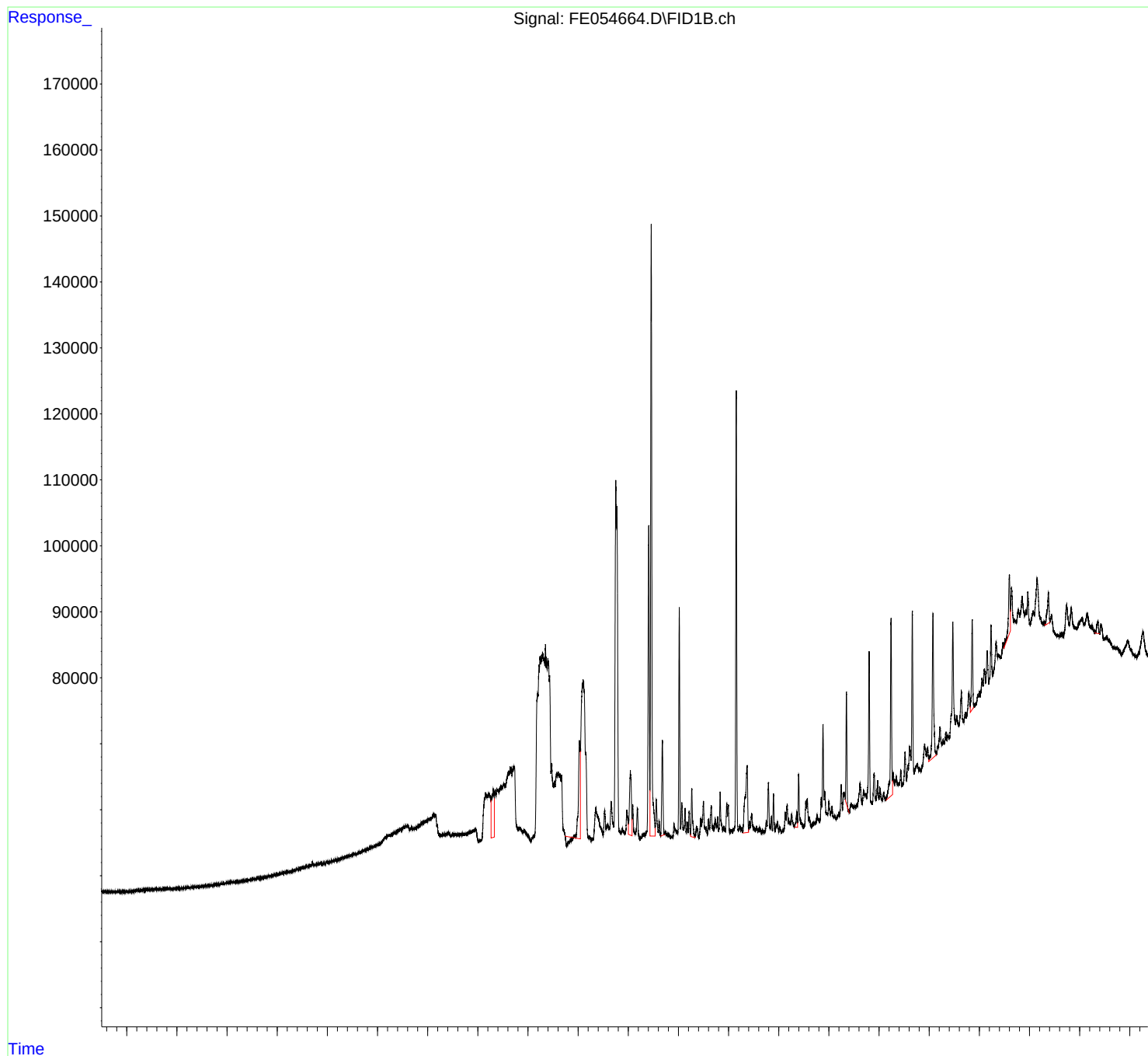
(m)=manual int.

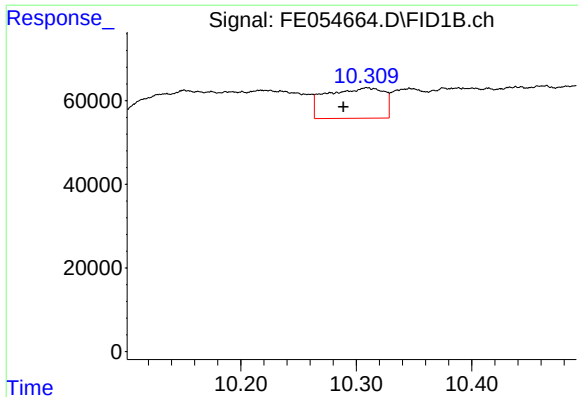
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

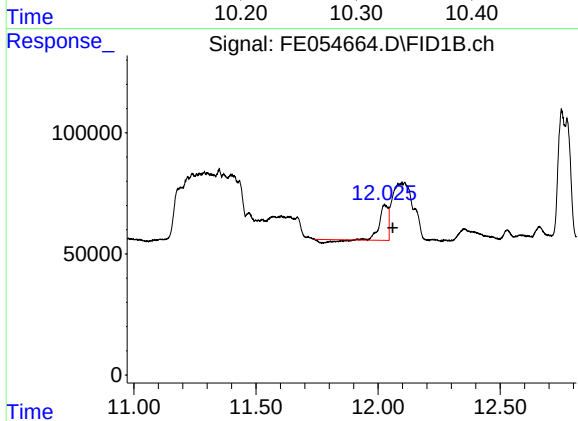




#7 n-Hexadecane (C16)

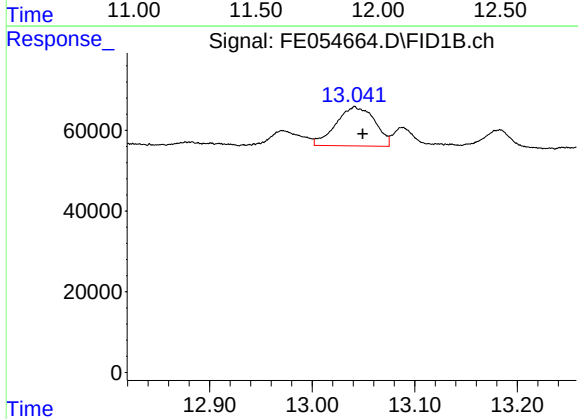
R.T.: 10.309 min
Delta R.T.: 0.020 min
Response: 250985
Conc: 1.76 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



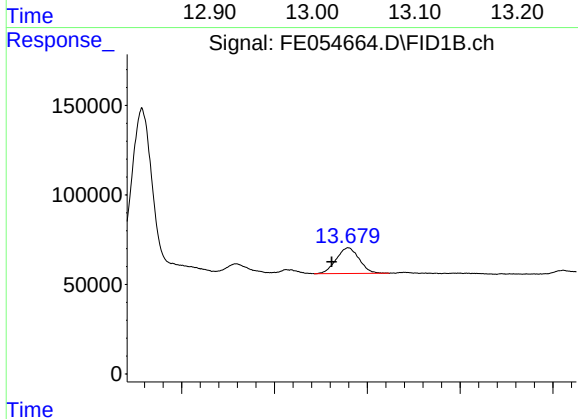
#9 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.034 min
Response: 319183
Conc: 1.97 ug/ml



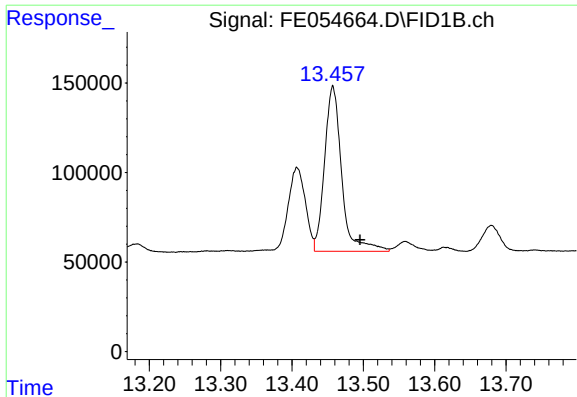
#10 n-Eicosane (C20)

R.T.: 13.042 min
Delta R.T.: -0.007 min
Response: 255629
Conc: 1.78 ug/ml



#11 n-Heneicosane (C21)

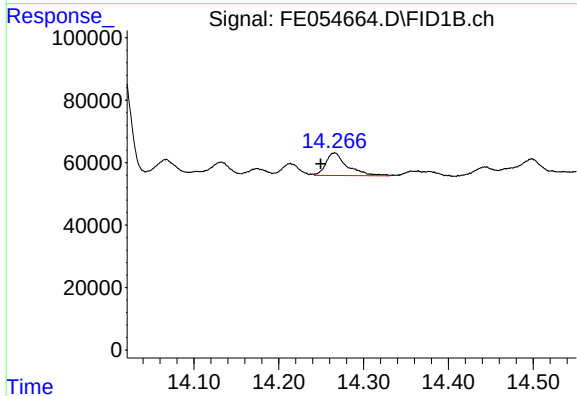
R.T.: 13.679 min
Delta R.T.: 0.018 min
Response: 246306
Conc: 1.72 ug/ml



#12 1-chlorooctadecane (SURR)

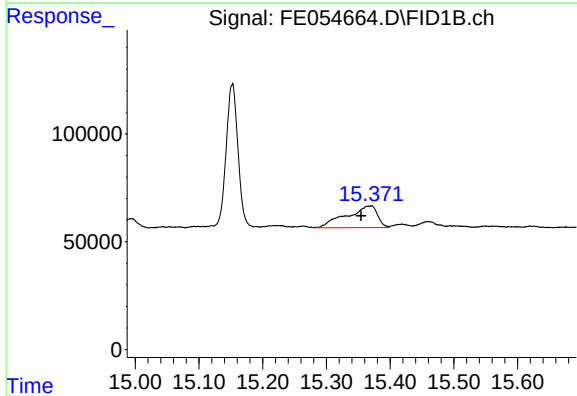
R.T.: 13.457 min
Delta R.T.: -0.038 min
Response: 1541630
Conc: 12.21 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



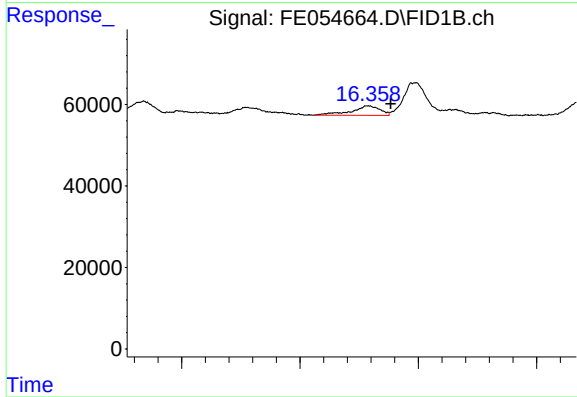
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: 0.016 min
Response: 126862
Conc: 0.89 ug/ml



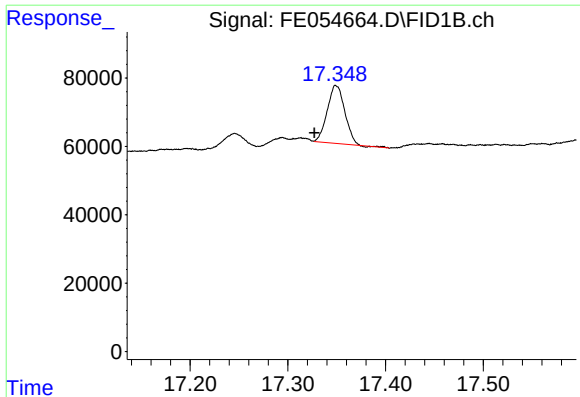
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: 0.014 min
Response: 341508
Conc: 2.35 ug/ml



#15 n-Hexacosane (C26)

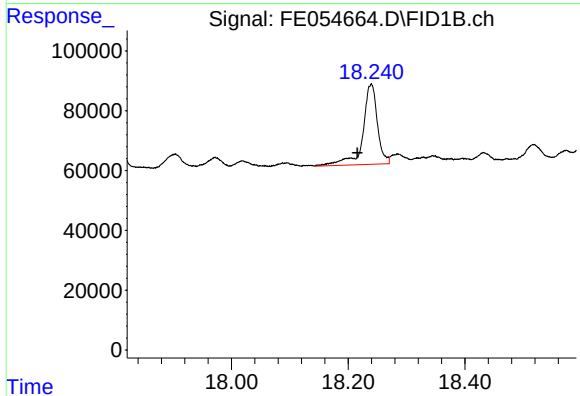
R.T.: 16.358 min
Delta R.T.: -0.018 min
Response: 39149
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

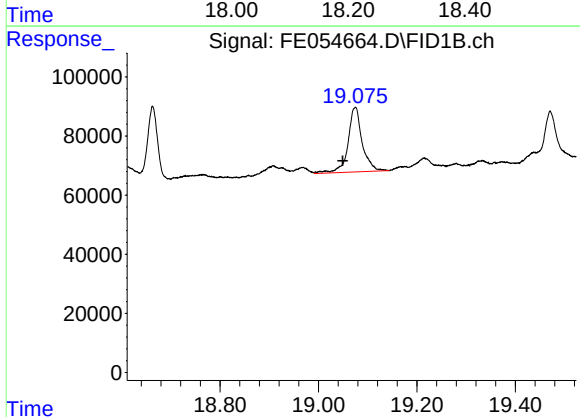
R.T.: 17.350 min
Delta R.T.: 0.022 min
Response: 212498
Conc: 1.46 ug/ml

Instrument :
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MECL2



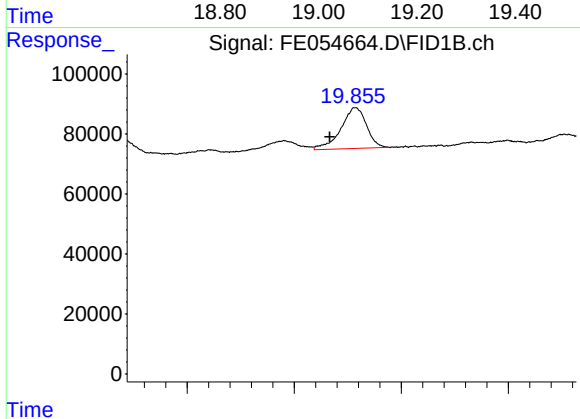
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.023 min
Response: 463486
Conc: 2.94 ug/ml



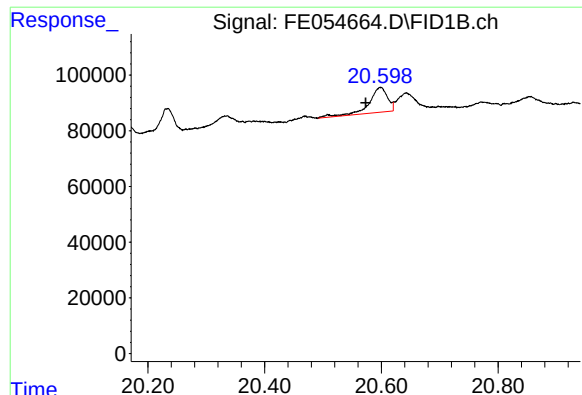
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: 0.026 min
Response: 439380
Conc: 2.72 ug/ml



#19 n-Tetratriacontane (C34)

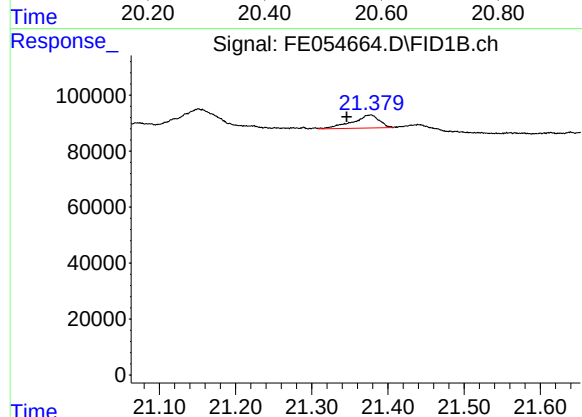
R.T.: 19.857 min
Delta R.T.: 0.024 min
Response: 225658
Conc: 1.48 ug/ml



#20 n-Hexatriacontane (C36)

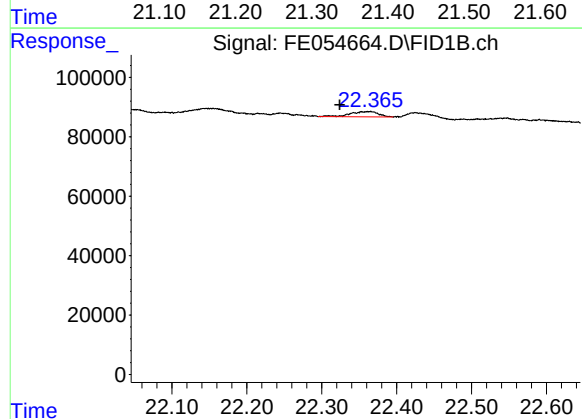
R.T.: 20.598 min
Delta R.T.: 0.025 min
Response: 197006
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.031 min
Response: 114135
Conc: 0.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.040 min
Response: 46253
Conc: 0.43 ug/ml