

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055164.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 07:22
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Aug 08 01:00:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.026f	154183	1.080 ug/ml
Spiked Amount 50.000		Recovery =	2.16%
12) S 1-chlorooctadecane (S...	13.518	57979	0.539 ug/ml
Spiked Amount 50.000		Recovery =	1.08%
Target Compounds			
8) T n-Octadecane (C18)	11.721	11206	0.086 ug/ml
10) T n-Eicosane (C20)	13.064	265051	2.112 ug/ml
11) T n-Heneicosane (C21)	13.687	269851	2.189 ug/ml
13) T n-Docosane (C22)	14.276	233273	1.910 ug/ml
14) T n-Tetracosane (C24)	15.379	267240	2.197 ug/ml
15) T n-Hexacosane (C26)	16.409	180957	1.512 ug/ml
16) T n-Octacosane (C28)	17.361	355176	2.994 ug/ml
17) T n-Tricontane (C30)	18.251	809628	6.580 ug/ml
18) T n-Dotriacontane (C32)	19.085	857041	7.024 ug/ml
19) T n-Tetratriacontane (C34)	19.870	462603	3.957 ug/ml
20) T n-Hexatriacontane (C36)	20.612	354532	3.244 ug/ml
21) T n-Octatriacontane (C38)	21.392	253316	2.344 ug/ml
22) T n-Tetracontane (C40)	22.382	102875	0.984 ug/ml

(f)=RT Delta > 1/2 Window

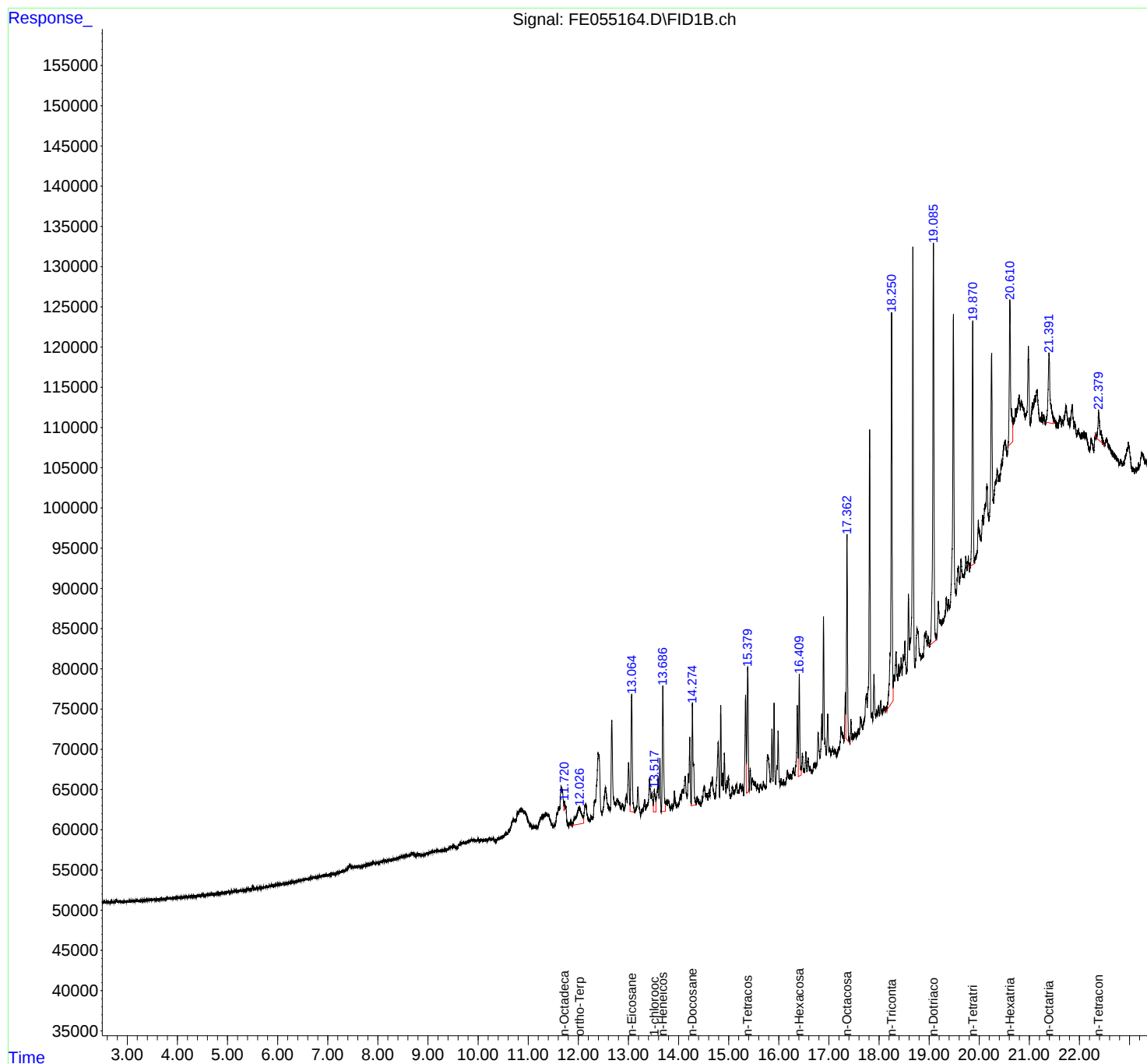
(m)=manual int.

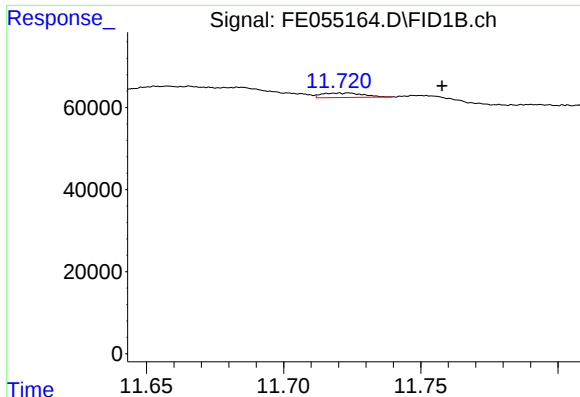
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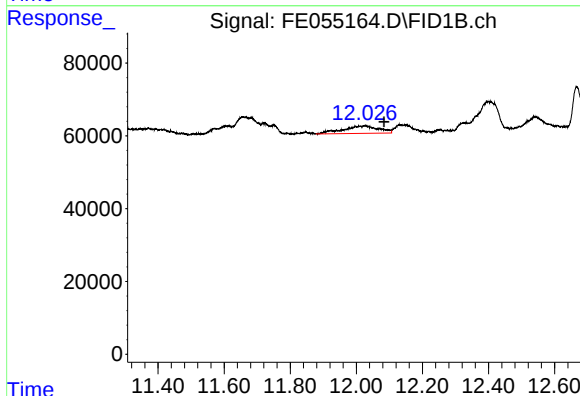




#8 n-Octadecane (C18)

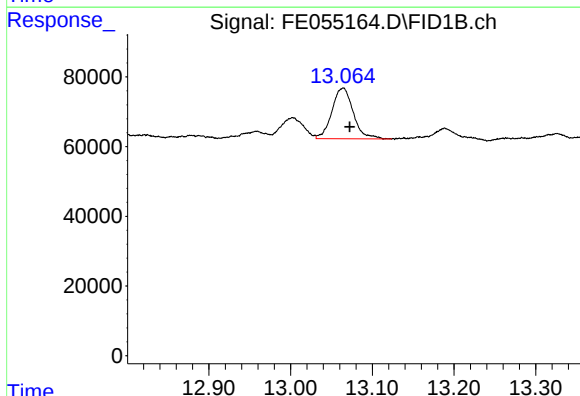
R.T.: 11.721 min
Delta R.T.: -0.037 min
Response: 11206
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



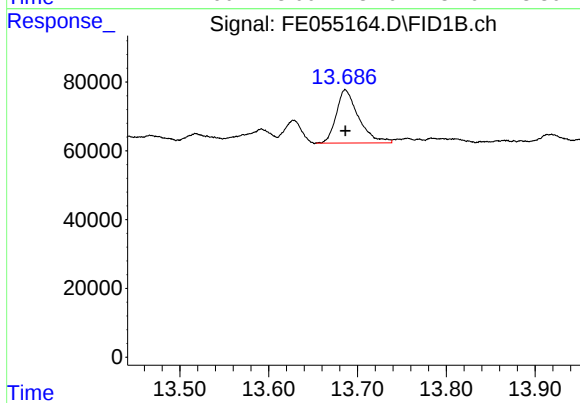
#9 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.058 min
Response: 154183
Conc: 1.08 ug/ml



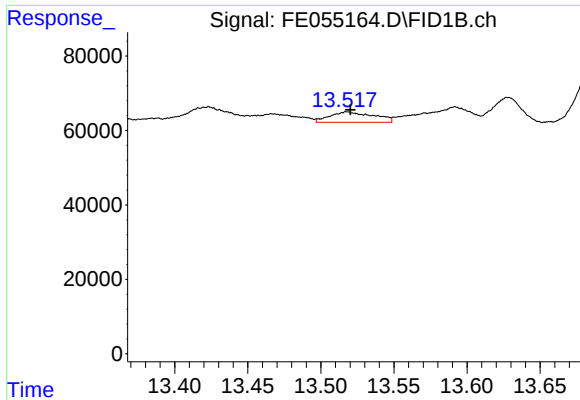
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: -0.009 min
Response: 265051
Conc: 2.11 ug/ml



#11 n-Heneicosane (C21)

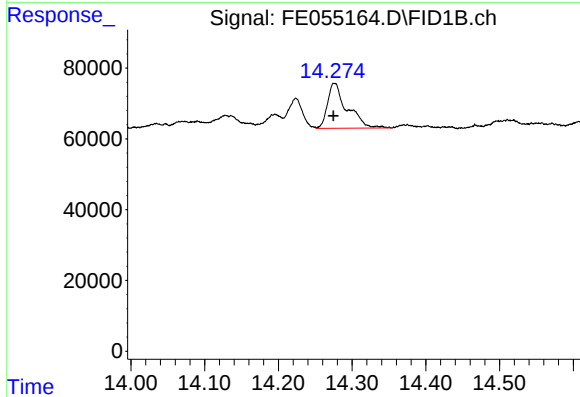
R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 269851
Conc: 2.19 ug/ml



#12 1-chlorooctadecane (SURR)

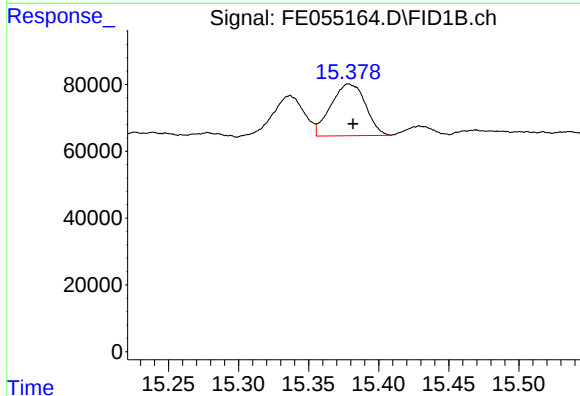
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 57979
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



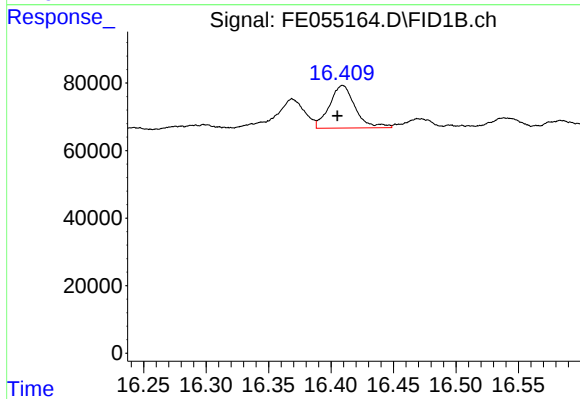
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.001 min
Response: 233273
Conc: 1.91 ug/ml



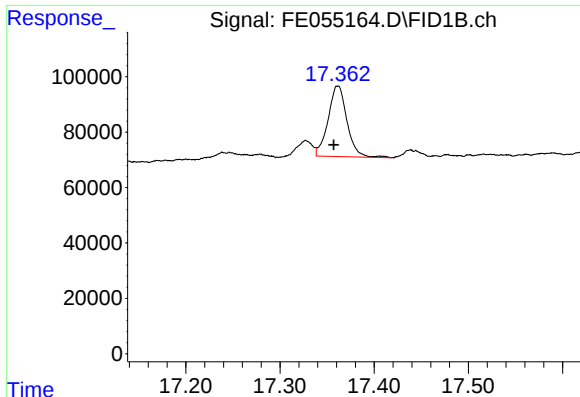
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 267240
Conc: 2.20 ug/ml



#15 n-Hexacosane (C26)

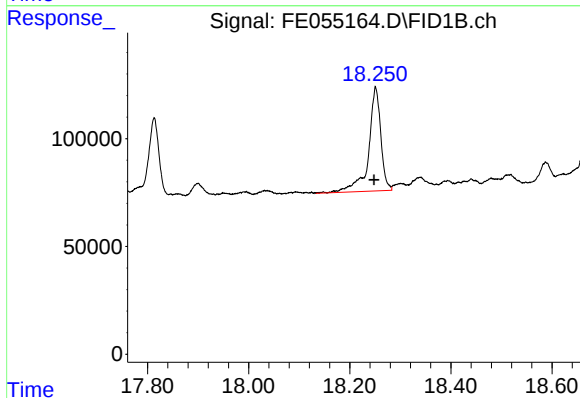
R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 180957
Conc: 1.51 ug/ml



#16 n-Octacosane (C28)

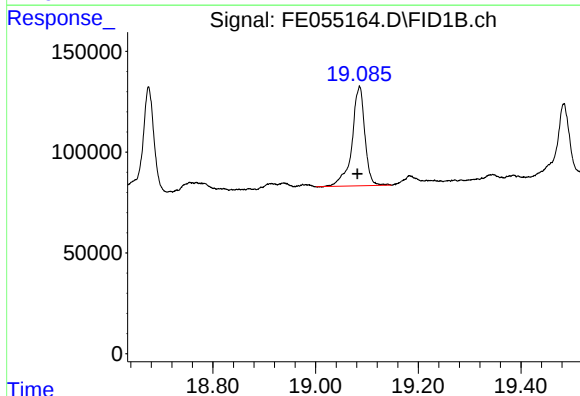
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 355176
Conc: 2.99 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



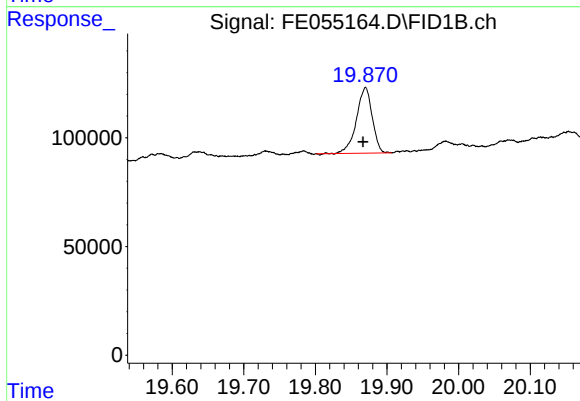
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 809628
Conc: 6.58 ug/ml



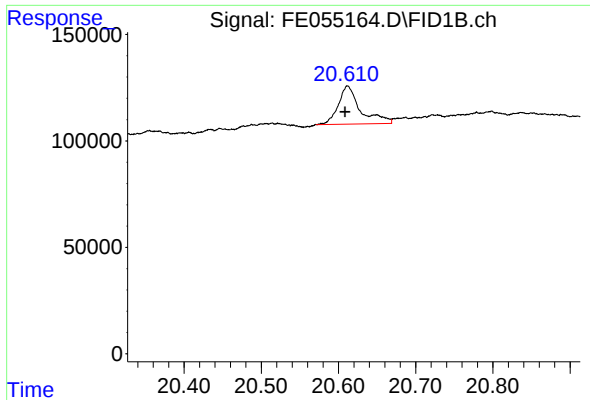
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 857041
Conc: 7.02 ug/ml



#19 n-Tetratriacontane (C34)

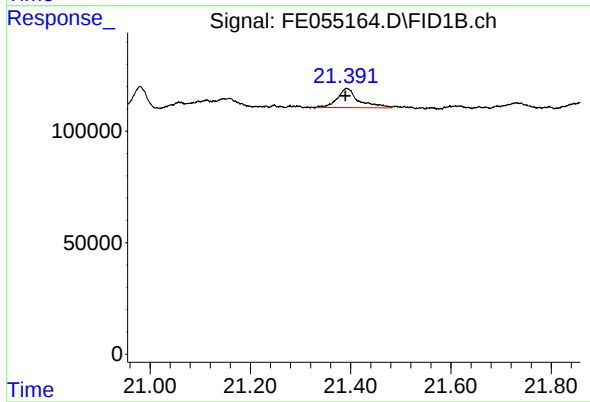
R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 462603
Conc: 3.96 ug/ml



#20 n-Hexatriacontane (C36)

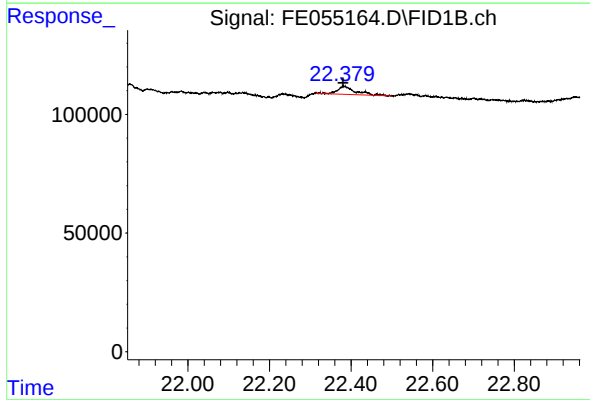
R.T.: 20.612 min
Delta R.T.: 0.003 min
Response: 354532
Conc: 3.24 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.003 min
Response: 253316
Conc: 2.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.001 min
Response: 102875
Conc: 0.98 ug/ml