

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054889.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 07:16
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 18 02:27:09 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)	12.129	101695	0.626 ug/ml
Spiked Amount 50.000		Recovery =	1.25%
12) S 1-chlorooctadecane (S...	13.519	76021	0.602 ug/ml
Spiked Amount 50.000		Recovery =	1.20%
Target Compounds			
8) T n-Octadecane (C18)	11.727	50793	0.347 ug/ml
10) T n-Eicosane (C20)	13.062	337036	2.344 ug/ml
11) T n-Heneicosane (C21)	13.687	383578	2.686 ug/ml
13) T n-Docosane (C22)	14.277	395977	2.773 ug/ml
14) T n-Tetracosane (C24)	15.384	436119	3.000 ug/ml
15) T n-Hexacosane (C26)	16.411	350858	2.424 ug/ml
16) T n-Octacosane (C28)	17.364	407952	2.799 ug/ml
17) T n-Tricontane (C30)	18.255	690562	4.382 ug/ml
18) T n-Dotriacontane (C32)	19.088	802778	4.962 ug/ml
19) T n-Tetratriacontane (C34)	19.871	391868	2.571 ug/ml
20) T n-Hexatriacontane (C36)	20.615	313095	2.329 ug/ml
21) T n-Octatriacontane (C38)	21.398	412096	3.514 ug/ml
22) T n-Tetracontane (C40)	22.409	148938	1.374 ug/ml

(f)=RT Delta > 1/2 Window

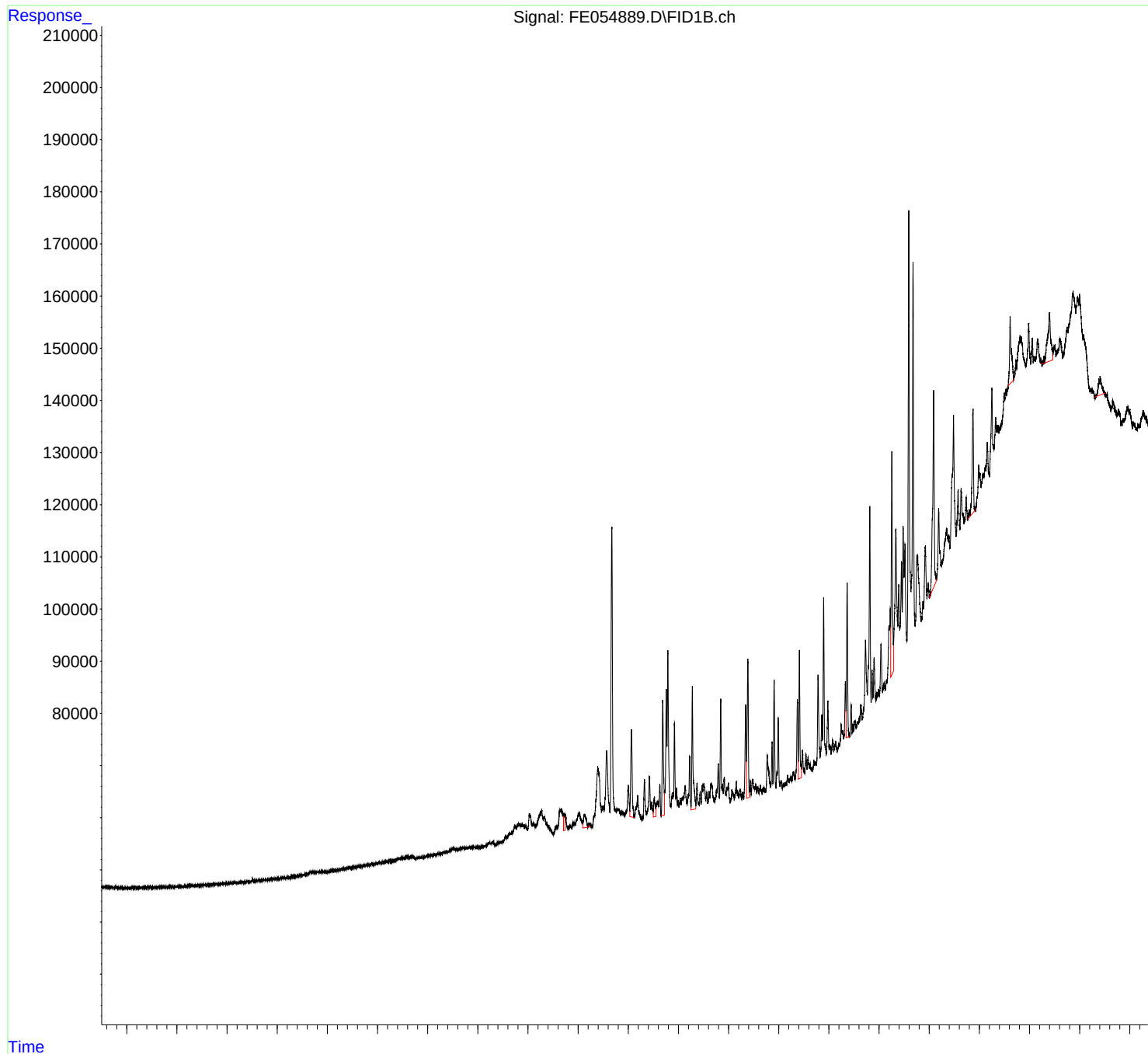
(m)=manual int.

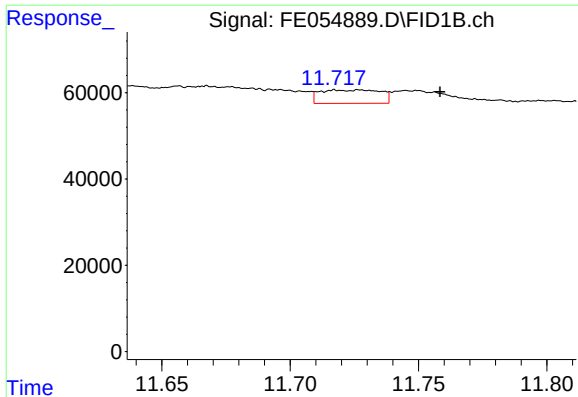
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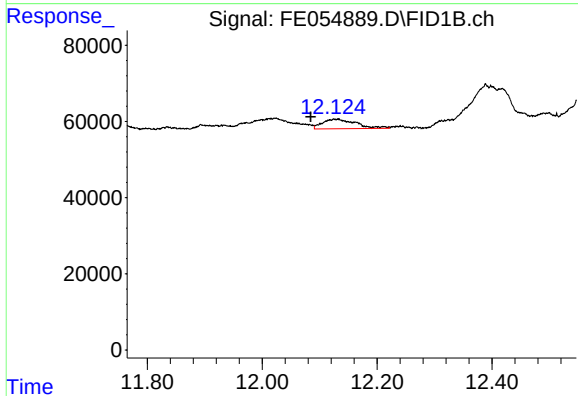




#8 n-Octadecane (C18)

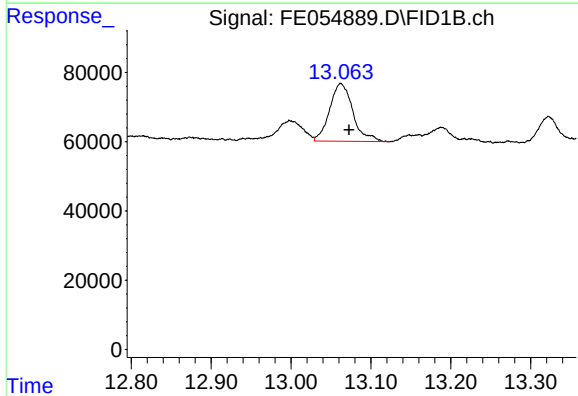
R.T.: 11.727 min
Delta R.T.: -0.031 min
Response: 50793
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



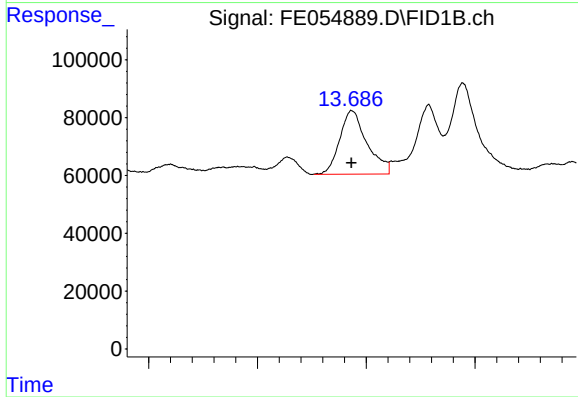
#9 ortho-Terphenyl (SURR)

R.T.: 12.129 min
Delta R.T.: 0.044 min
Response: 101695
Conc: 0.63 ug/ml



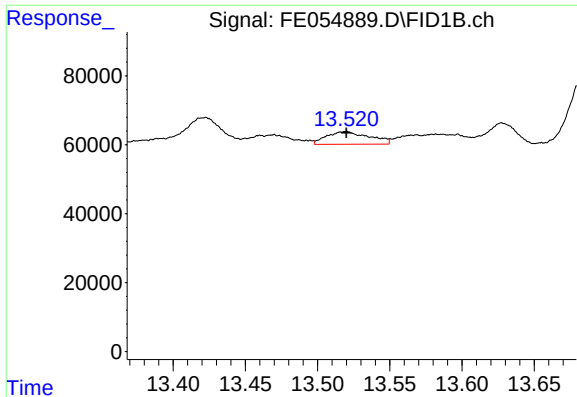
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.010 min
Response: 337036
Conc: 2.34 ug/ml



#11 n-Heneicosane (C21)

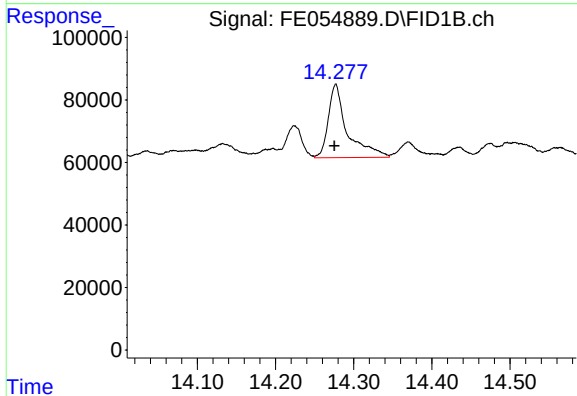
R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 383578
Conc: 2.69 ug/ml



#12 1-chlorooctadecane (SURR)

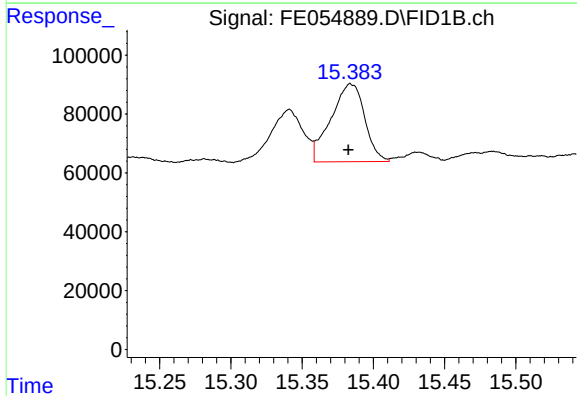
R.T.: 13.519 min
Delta R.T.: 0.000 min
Response: 76021
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



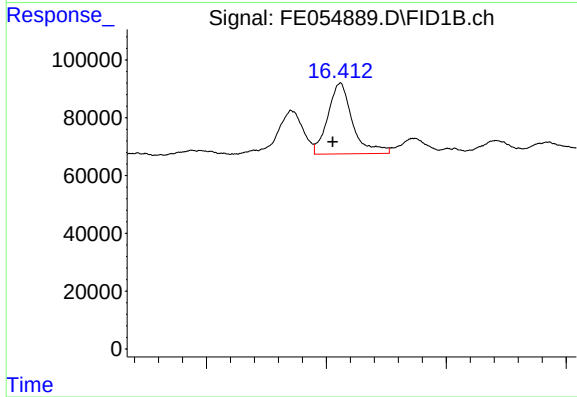
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 395977
Conc: 2.77 ug/ml



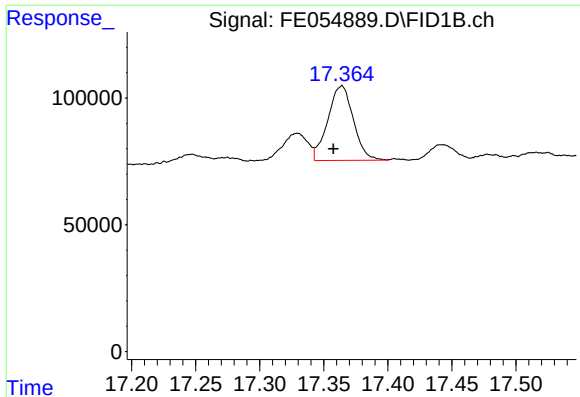
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 436119
Conc: 3.00 ug/ml



#15 n-Hexacosane (C26)

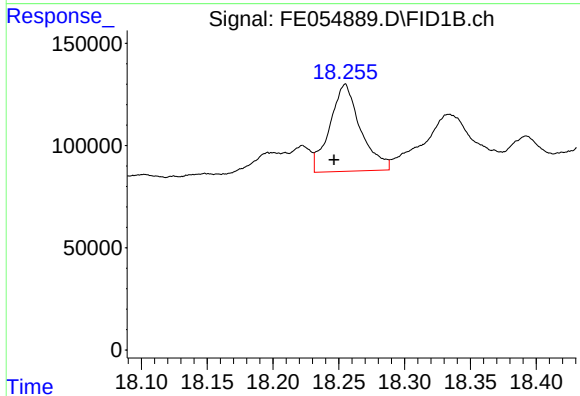
R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 350858
Conc: 2.42 ug/ml



#16 n-Octacosane (C28)

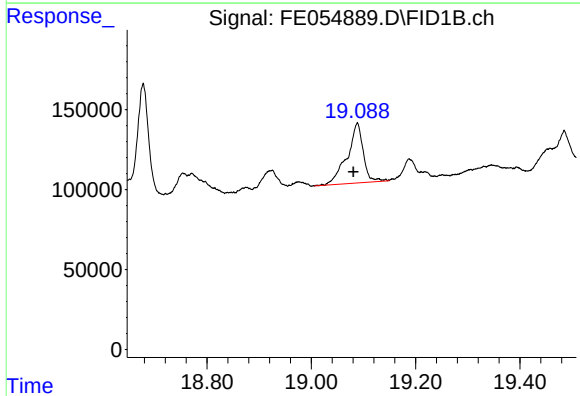
R.T.: 17.364 min
Delta R.T.: 0.006 min
Response: 407952
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



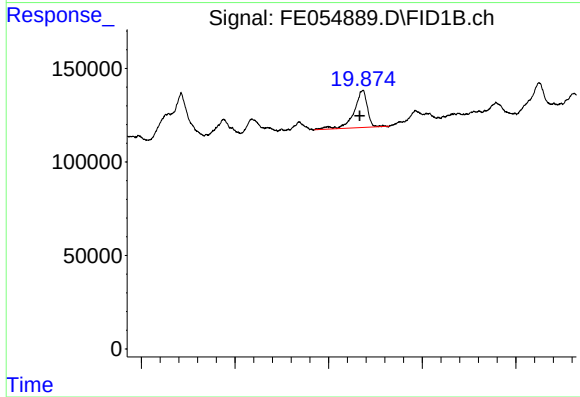
#17 n-Tricontane (C30)

R.T.: 18.255 min
Delta R.T.: 0.008 min
Response: 690562
Conc: 4.38 ug/ml



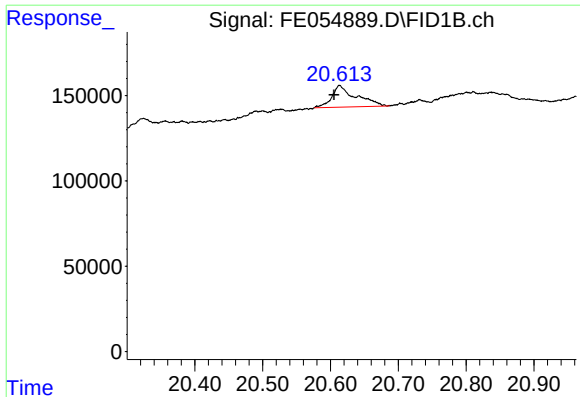
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 802778
Conc: 4.96 ug/ml



#19 n-Tetratriacontane (C34)

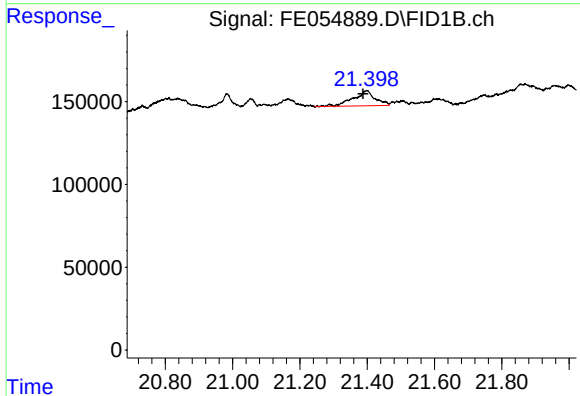
R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 391868
Conc: 2.57 ug/ml



#20 n-Hexatriacontane (C36)

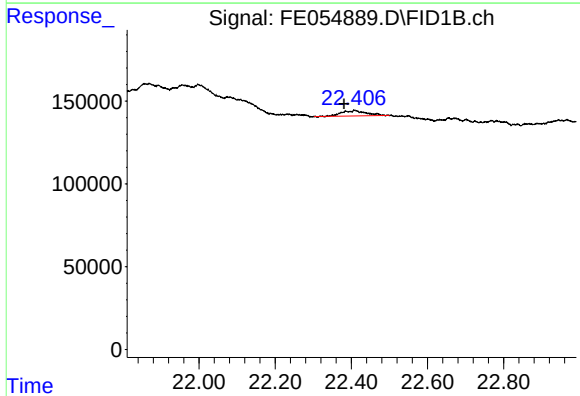
R.T.: 20.615 min
Delta R.T.: 0.010 min
Response: 313095
Conc: 2.33 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: 0.010 min
Response: 412096
Conc: 3.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.409 min
Delta R.T.: 0.028 min
Response: 148938
Conc: 1.37 ug/ml