

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054918.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 06:09
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 18 23:08:41 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)	12.034f	97778	0.602 ug/ml
Spiked Amount 50.000		Recovery =	1.20%
12) S 1-chlorooctadecane (S...	13.522	68429	0.542 ug/ml
Spiked Amount 50.000		Recovery =	1.08%
Target Compounds			
8) T n-Octadecane (C18)	11.749	45634	0.311 ug/ml
10) T n-Eicosane (C20)	13.071	229209	1.594 ug/ml
11) T n-Heneicosane (C21)	13.690	261113	1.828 ug/ml
13) T n-Docosane (C22)	14.280	242233	1.696 ug/ml
14) T n-Tetracosane (C24)	15.384	281625	1.937 ug/ml
15) T n-Hexacosane (C26)	16.411	204548	1.413 ug/ml
16) T n-Octacosane (C28)	17.363	250750	1.721 ug/ml
17) T n-Tricontane (C30)	18.254	482783	3.064 ug/ml
18) T n-Dotriacontane (C32)	19.088	488061	3.017 ug/ml
19) T n-Tetratriacontane (C34)	19.872	451941	2.966 ug/ml
20) T n-Hexatriacontane (C36)	20.614	409782	3.048 ug/ml
21) T n-Octatriacontane (C38)	21.397	404810	3.452 ug/ml
22) T n-Tetracontane (C40)	22.391	141028	1.301 ug/ml

(f)=RT Delta > 1/2 Window

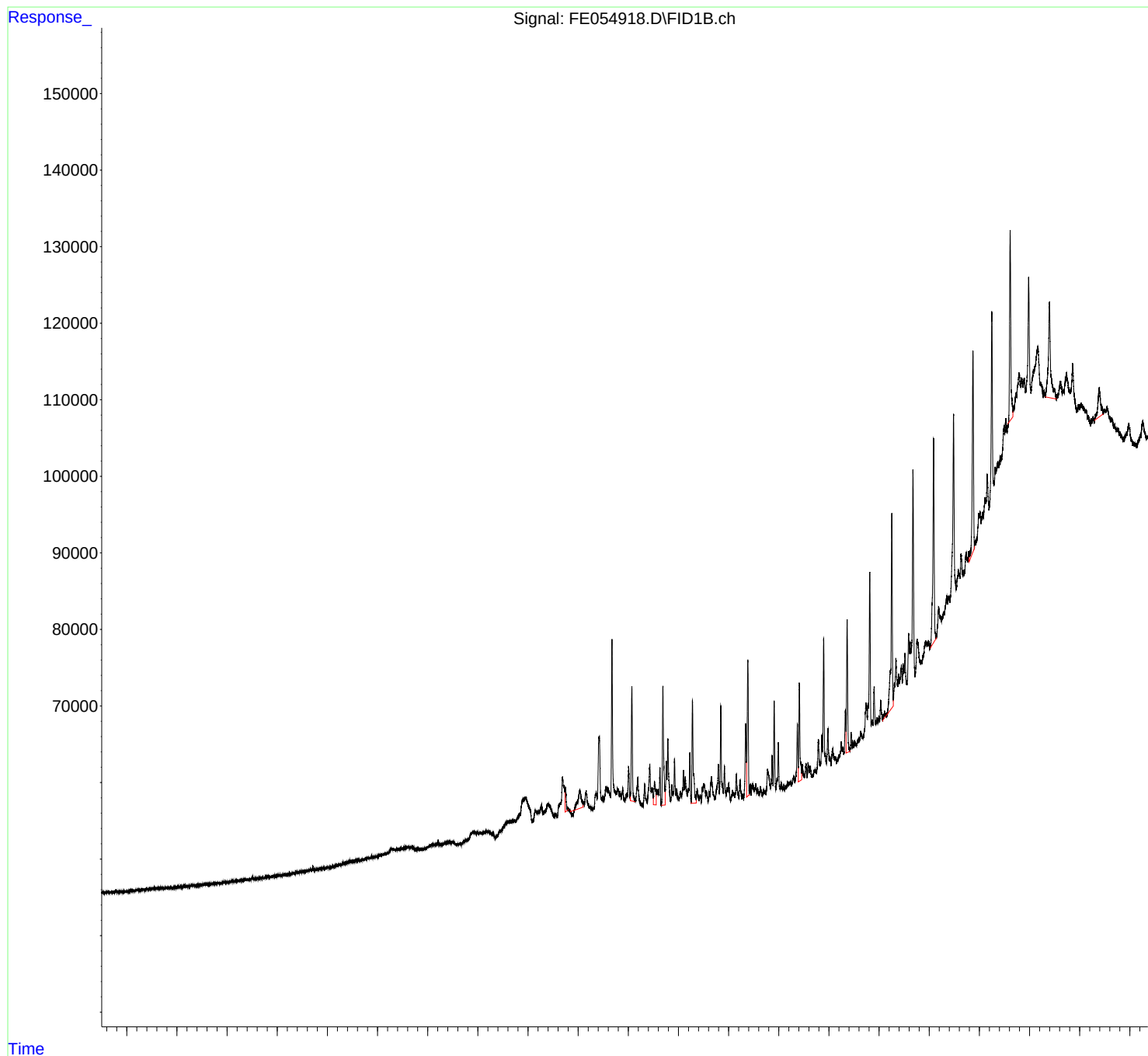
(m)=manual int.

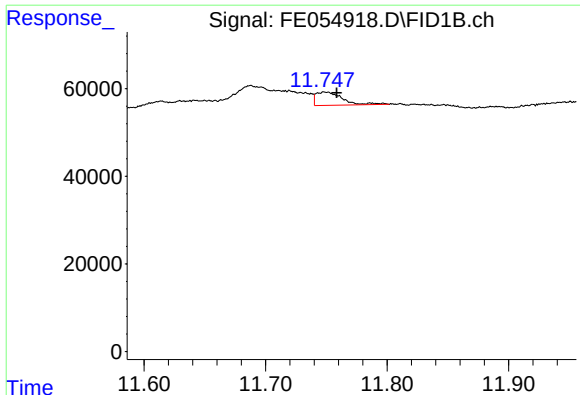
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

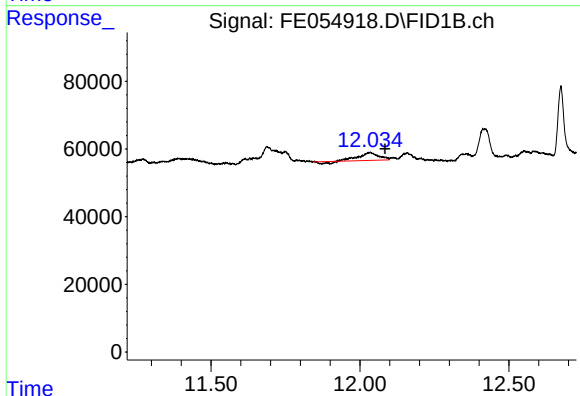




#8 n-Octadecane (C18)

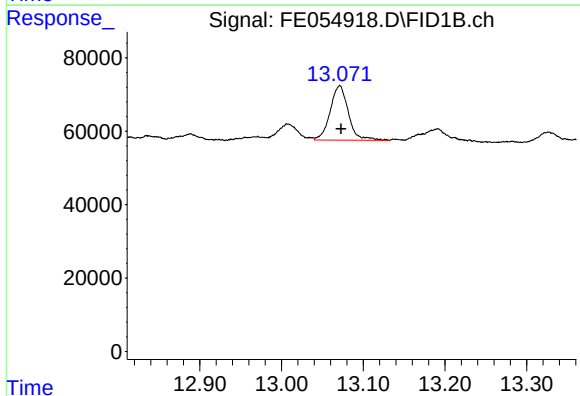
R.T.: 11.749 min
Delta R.T.: -0.010 min
Response: 45634
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



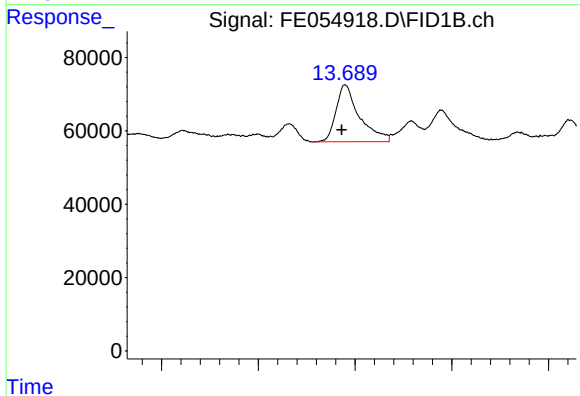
#9 ortho-Terphenyl (SURR)

R.T.: 12.034 min
Delta R.T.: -0.050 min
Response: 97778
Conc: 0.60 ug/ml



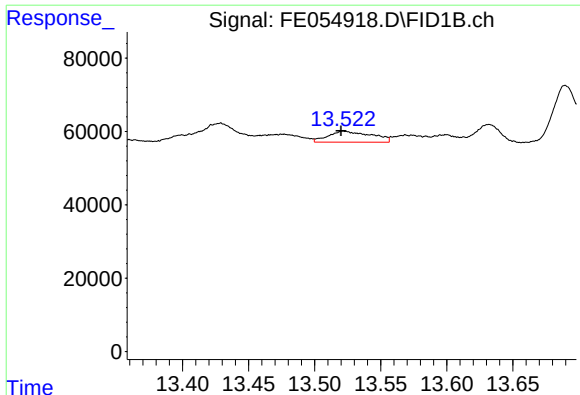
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 229209
Conc: 1.59 ug/ml



#11 n-Heneicosane (C21)

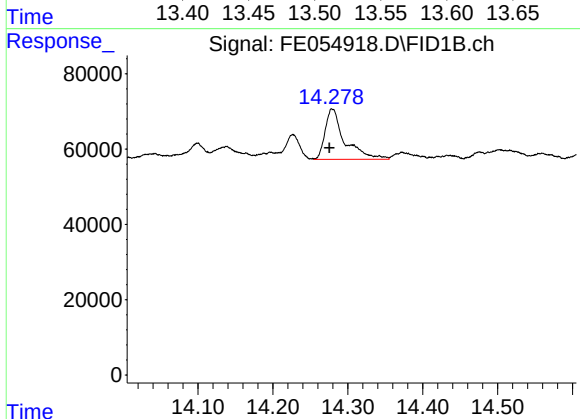
R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 261113
Conc: 1.83 ug/ml



#12 1-chlorooctadecane (SURR)

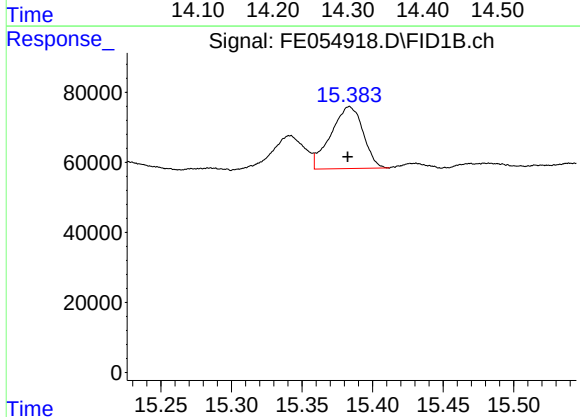
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 68429
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



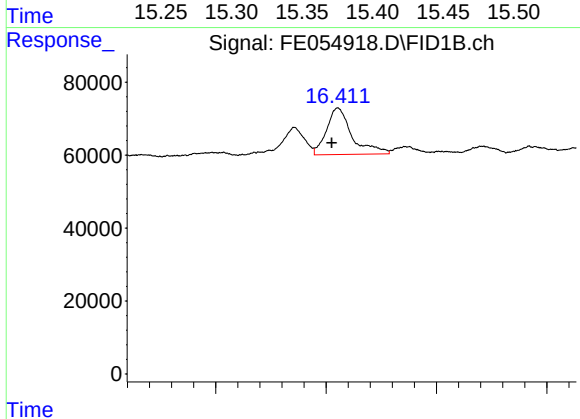
#13 n-Docosane (C22)

R.T.: 14.280 min
Delta R.T.: 0.004 min
Response: 242233
Conc: 1.70 ug/ml



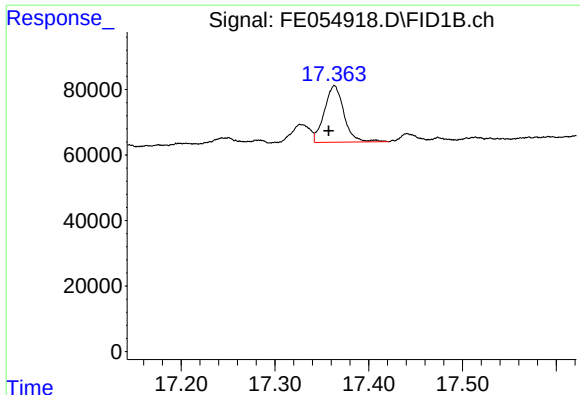
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 281625
Conc: 1.94 ug/ml



#15 n-Hexacosane (C26)

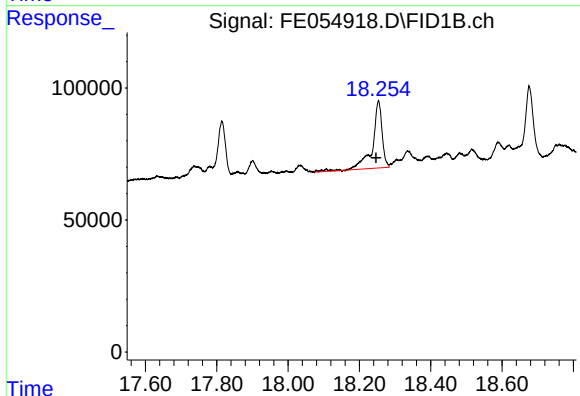
R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 204548
Conc: 1.41 ug/ml



#16 n-Octacosane (C28)

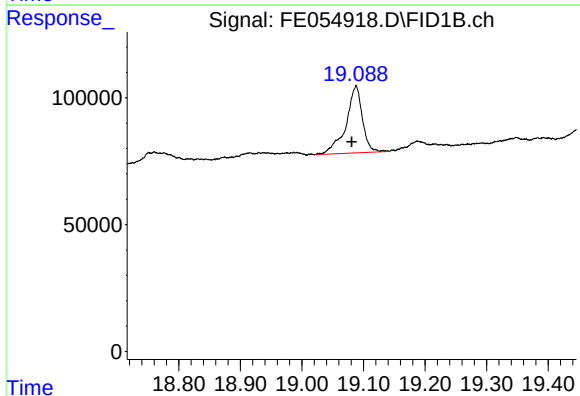
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 250750
Conc: 1.72 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



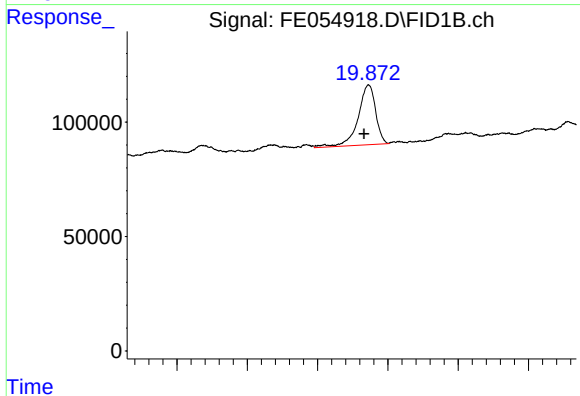
#17 n-Tricontane (C30)

R.T.: 18.254 min
Delta R.T.: 0.007 min
Response: 482783
Conc: 3.06 ug/ml



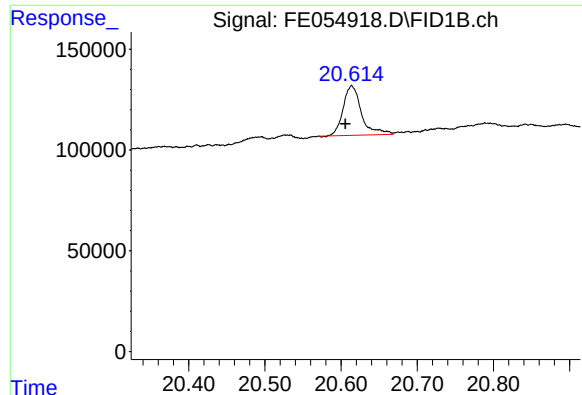
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 488061
Conc: 3.02 ug/ml



#19 n-Tetratriacontane (C34)

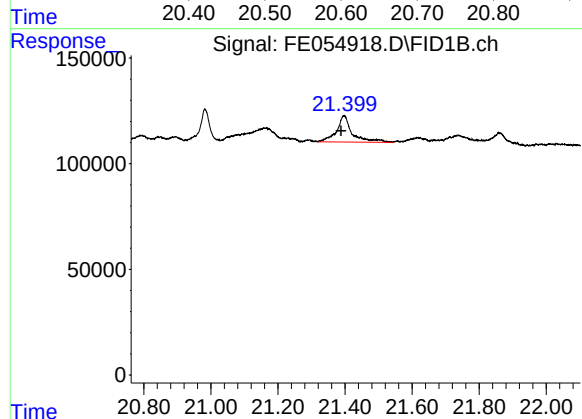
R.T.: 19.872 min
Delta R.T.: 0.006 min
Response: 451941
Conc: 2.97 ug/ml



#20 n-Hexatriacontane (C36)

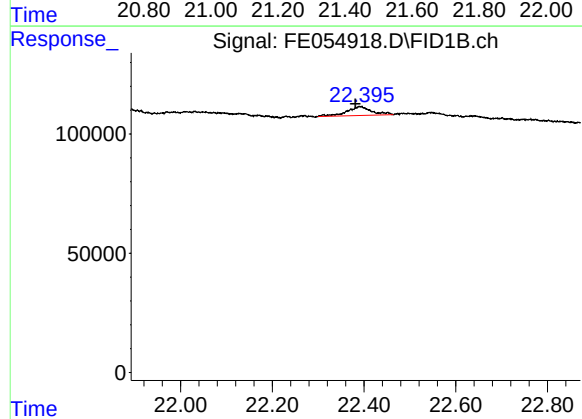
R.T.: 20.614 min
Delta R.T.: 0.009 min
Response: 409782
Conc: 3.05 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.009 min
Response: 404810
Conc: 3.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.011 min
Response: 141028
Conc: 1.30 ug/ml