

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054945.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 17:34
 Operator : YP\AJ
 Sample : Q2651-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH 2-1

Integration File: autoint1.e
 Quant Time: Jul 22 01:30:17 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)	12.089	3662606	22.554 ug/ml
Spiked Amount 50.000		Recovery =	45.11%
12) S 1-chlorooctadecane (S...	13.525	2886154	22.853 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
Target Compounds			
7) T n-Hexadecane (C16)	10.256f	771966	5.417 ug/ml
14) T n-Tetracosane (C24)	15.377	43113	0.297 ug/ml
15) T n-Hexacosane (C26)	16.407	12663	0.088 ug/ml
16) T n-Octacosane (C28)	17.360	48649	0.334 ug/ml
17) T n-Tricontane (C30)	18.250	103424	0.656 ug/ml
18) T n-Dotriacontane (C32)	19.083	123001	0.760 ug/ml
19) T n-Tetratriacontane (C34)	19.868	63197	0.415 ug/ml
20) T n-Hexatriacontane (C36)	20.608	64187	0.477 ug/ml
22) T n-Tetracontane (C40)	22.379	21966	0.203 ug/ml

(f)=RT Delta > 1/2 Window

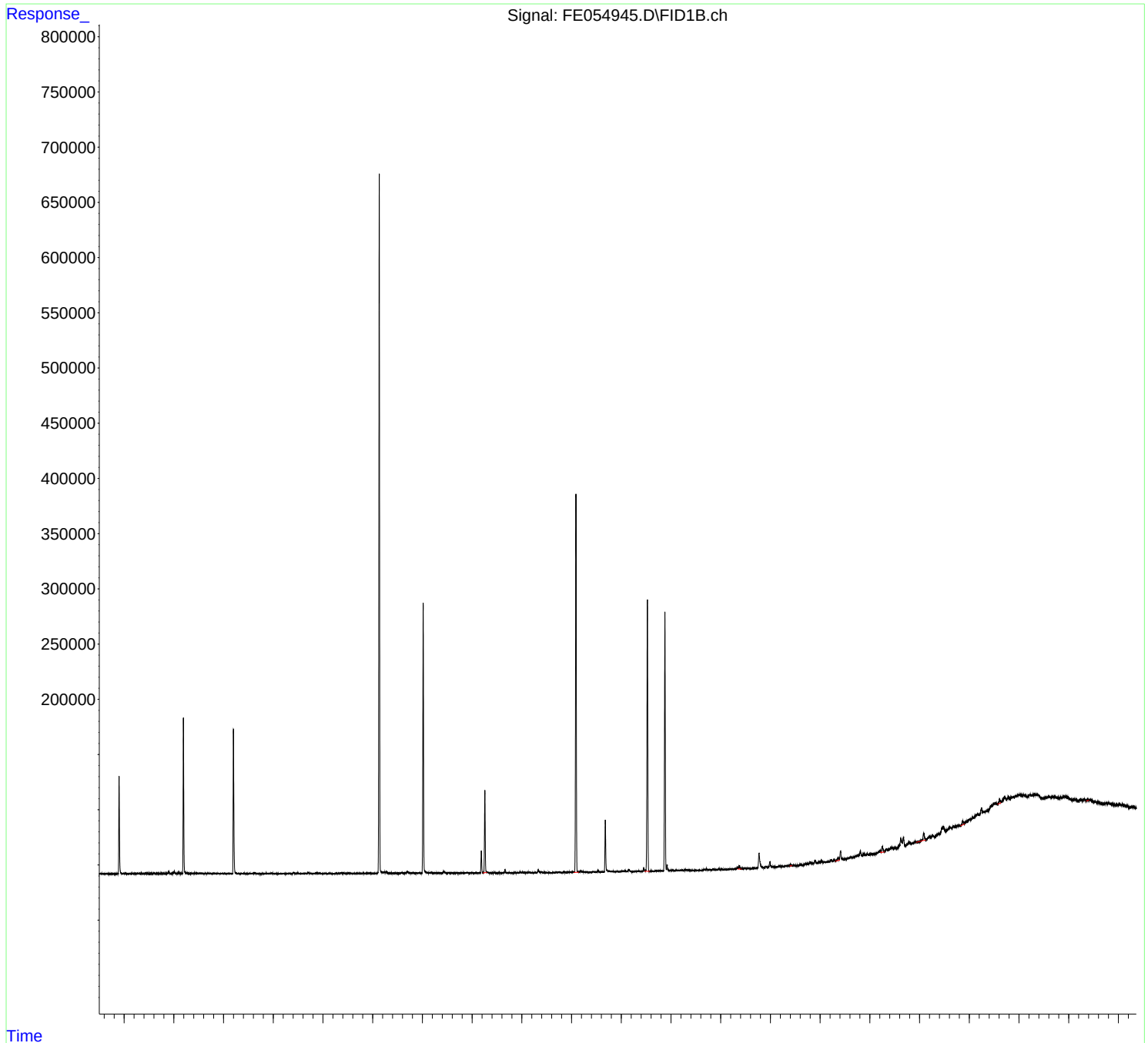
(m)=manual int.

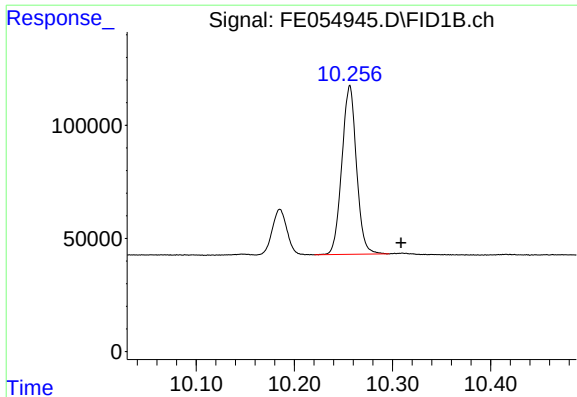
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Signal Info : 20M x 0.18mm x 0.18um

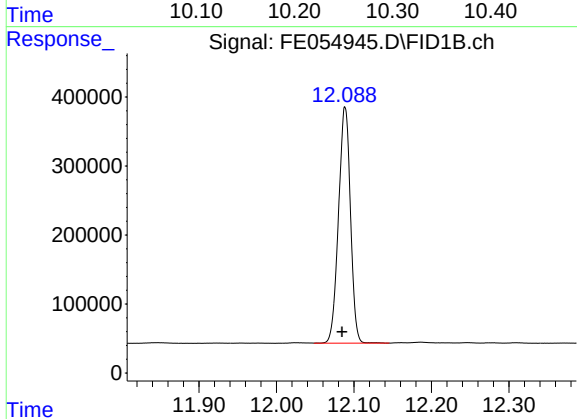




#7 n-Hexadecane (C16)

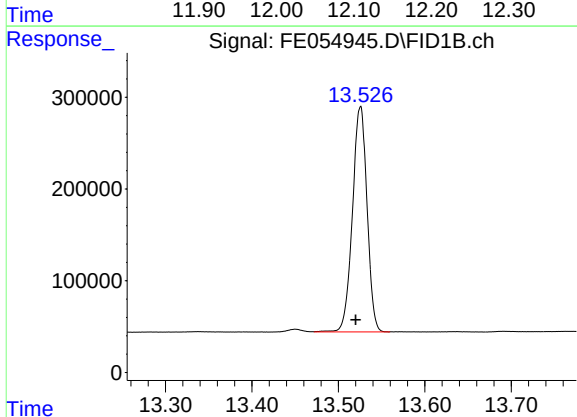
R.T.: 10.256 min
Delta R.T.: -0.052 min
Response: 771966
Conc: 5.42 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 2-1



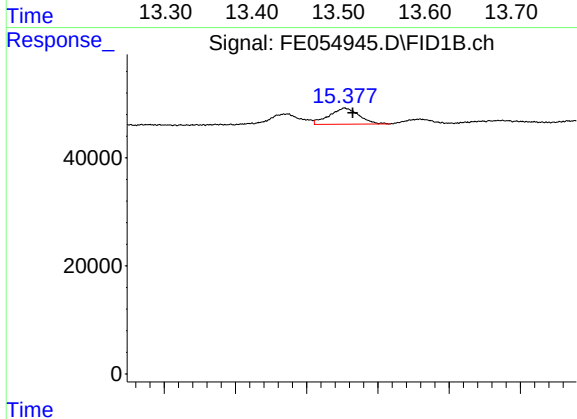
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 3662606
Conc: 22.55 ug/ml



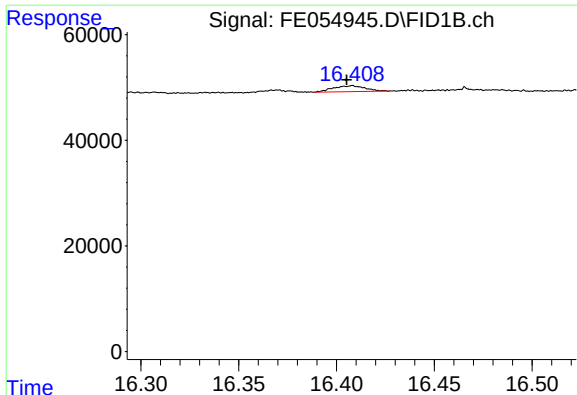
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 2886154
Conc: 22.85 ug/ml



#14 n-Tetracosane (C24)

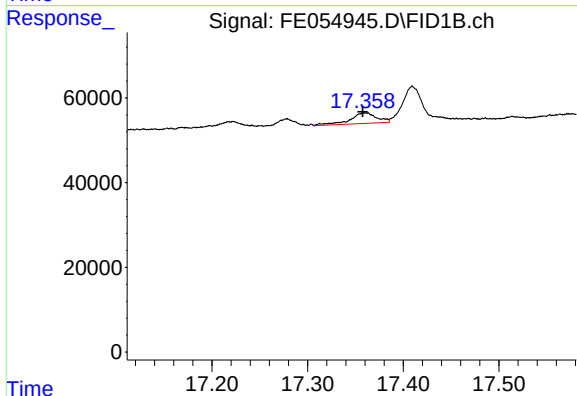
R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 43113
Conc: 0.30 ug/ml



#15 n-Hexacosane (C26)

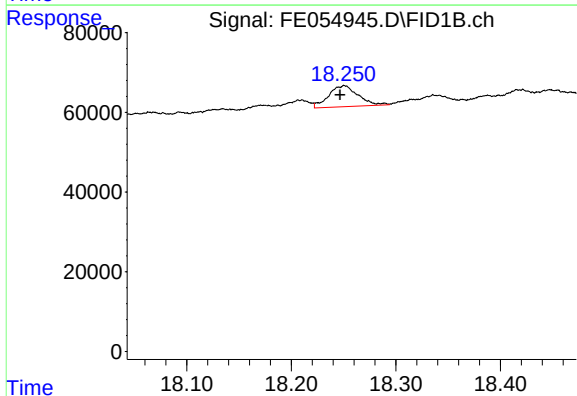
R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 12663
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 2-1



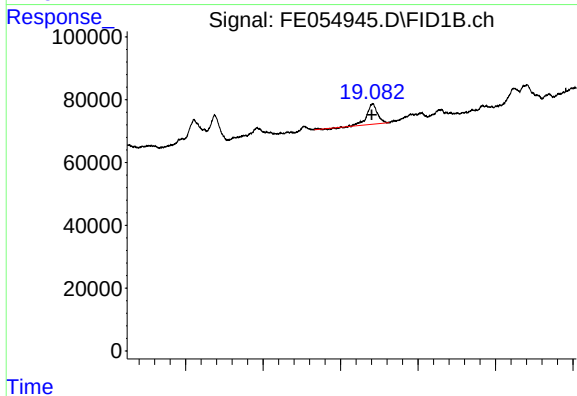
#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 48649
Conc: 0.33 ug/ml



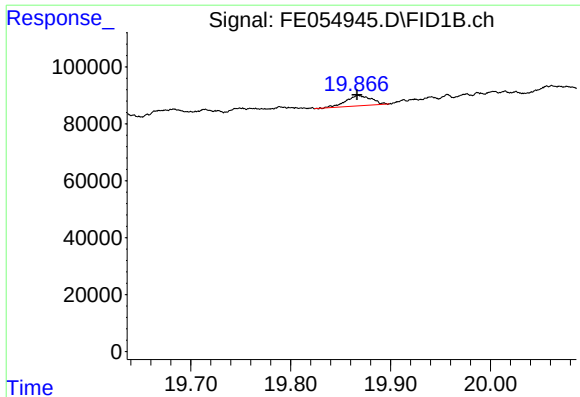
#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 103424
Conc: 0.66 ug/ml



#18 n-Dotriacontane (C32)

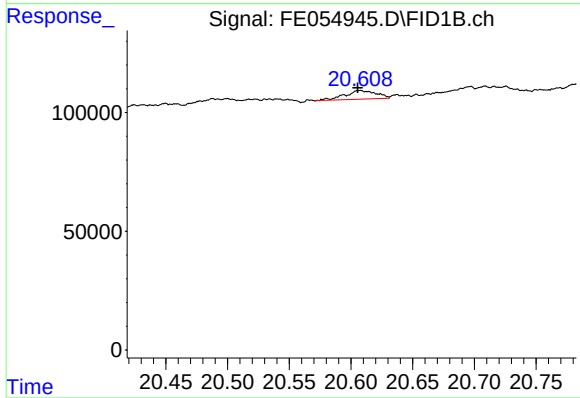
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 123001
Conc: 0.76 ug/ml



#19 n-Tetratriacontane (C34)

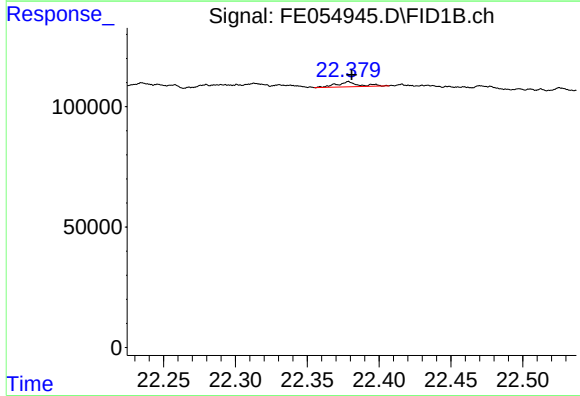
R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 63197
Conc: 0.41 ug/ml

Instrument :
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MH 2-1



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 64187
Conc: 0.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 21966
Conc: 0.20 ug/ml