

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054924.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 13:55
 Operator : YP\AJ
 Sample : Q2618-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 1

Integration File: autoint1.e
 Quant Time: Jul 18 23:10:27 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)	12.088	5520080	33.992 ug/ml
Spiked Amount 50.000		Recovery =	67.98%
12) S 1-chlorooctadecane (S...	13.524	4260430	33.734 ug/ml
Spiked Amount 50.000		Recovery =	67.47%
Target Compounds			
8) T n-Octadecane (C18)	11.732	44997	0.307 ug/ml
16) T n-Octacosane (C28)	17.357	37386	0.257 ug/ml
17) T n-Tricontane (C30)	18.246	59285	0.376 ug/ml
18) T n-Dotriacontane (C32)	19.080	91823	0.568 ug/ml
19) T n-Tetratriacontane (C34)	19.866	70021	0.459 ug/ml
20) T n-Hexatriacontane (C36)	20.608	49769	0.370 ug/ml
21) T n-Octatriacontane (C38)	21.384	120153	1.024 ug/ml
22) T n-Tetracontane (C40)	22.381	43959	0.406 ug/ml

(f)=RT Delta > 1/2 Window

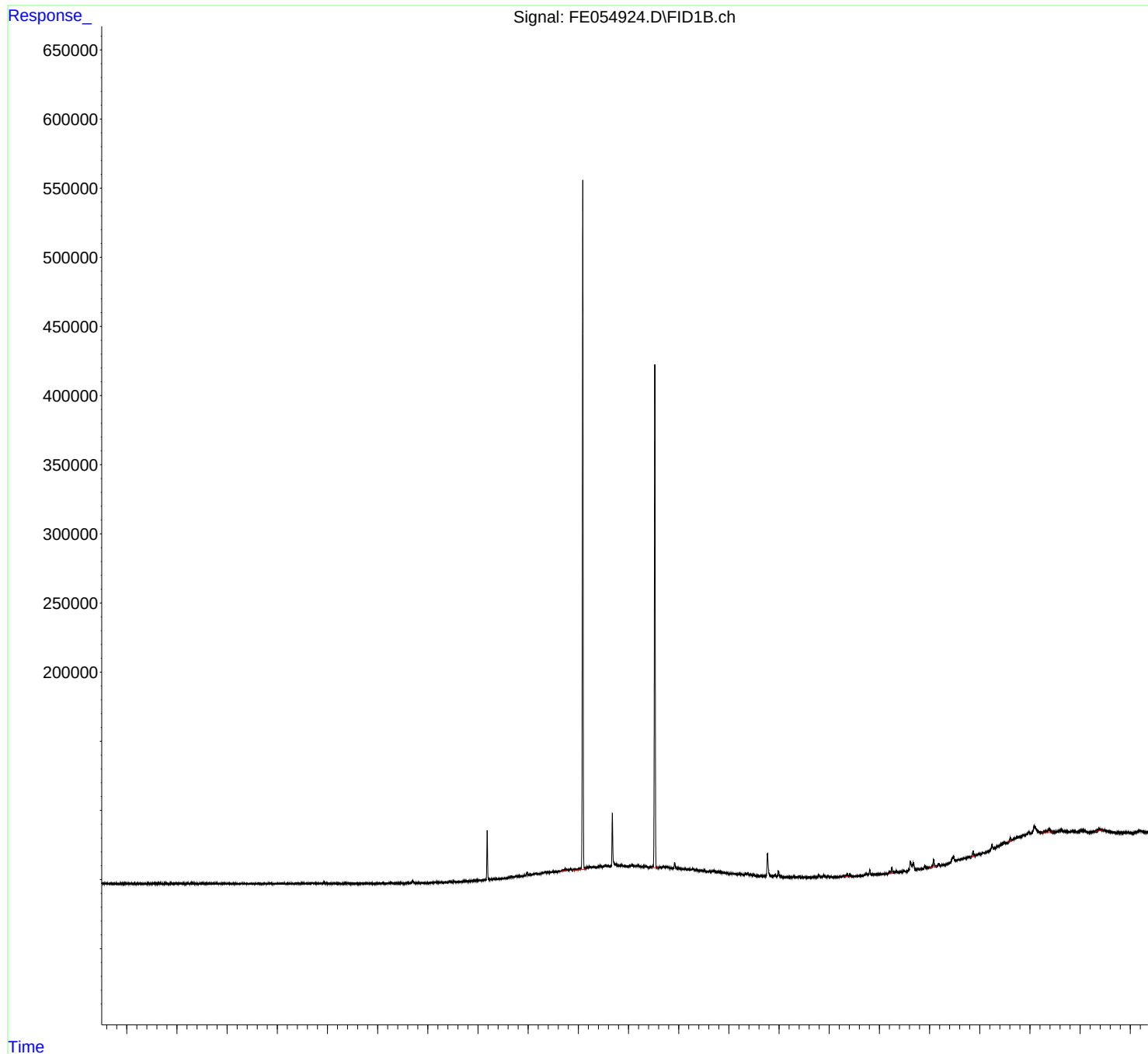
(m)=manual int.

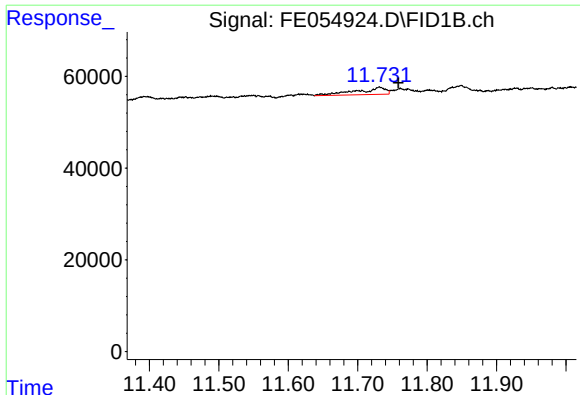
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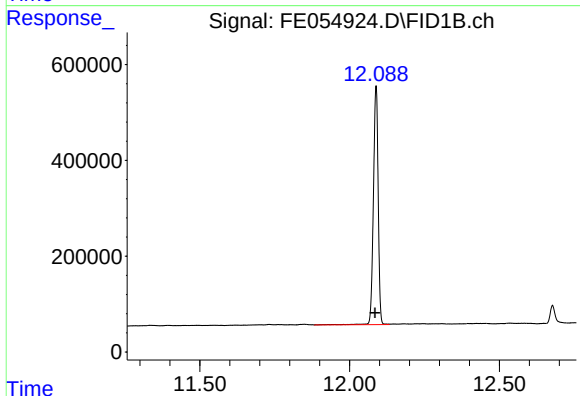




#8 n-Octadecane (C18)

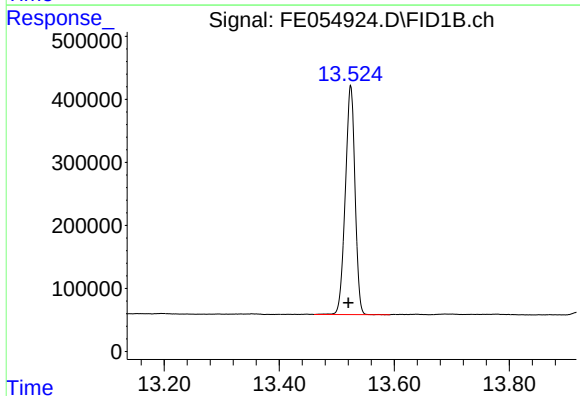
R.T.: 11.732 min
Delta R.T.: -0.027 min
Response: 44997
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
1



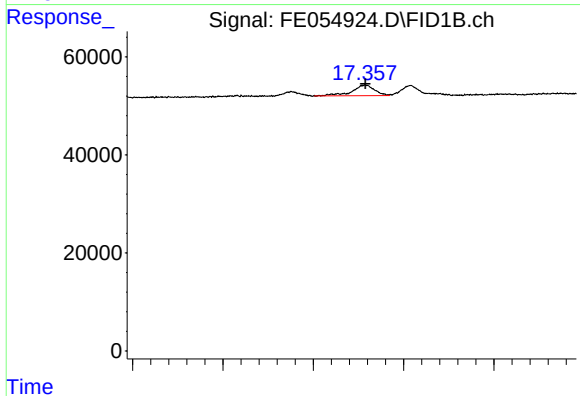
#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5520080
Conc: 33.99 ug/ml



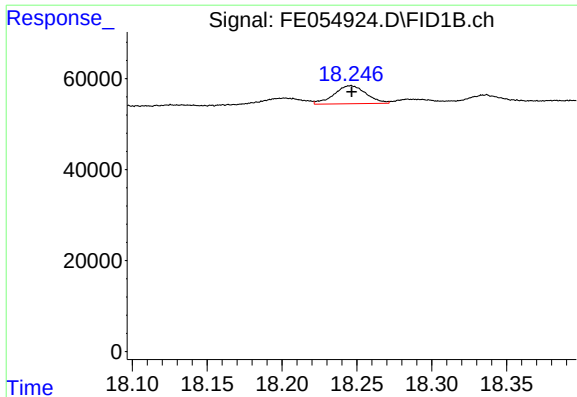
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4260430
Conc: 33.73 ug/ml



#16 n-Octacosane (C28)

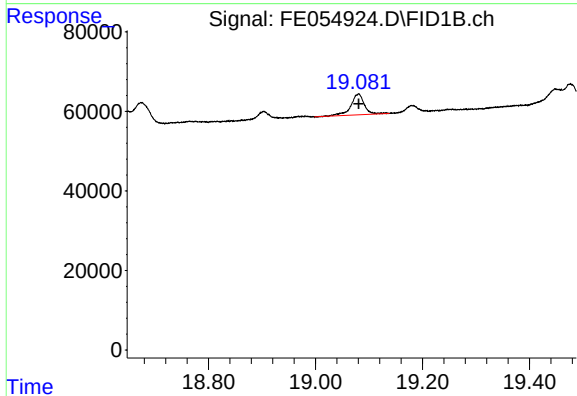
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 37386
Conc: 0.26 ug/ml



#17 n-Tricontane (C30)

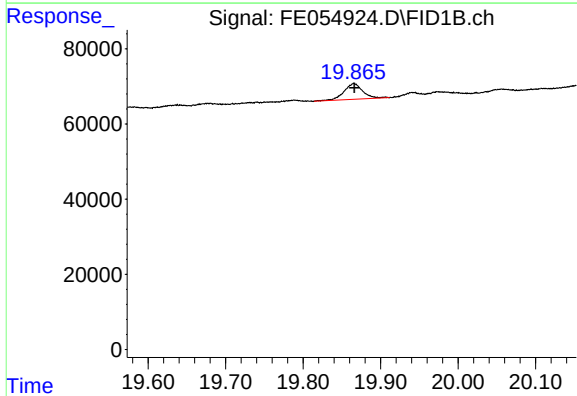
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 59285
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
1



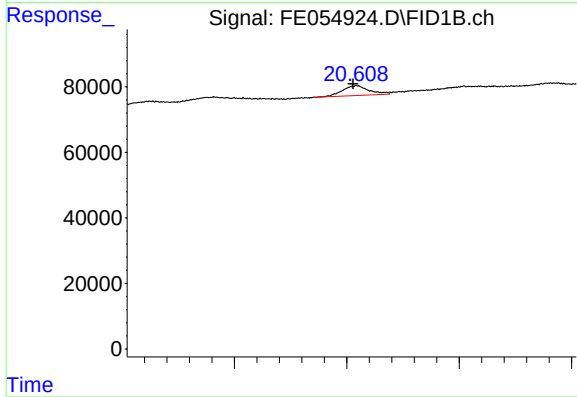
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 91823
Conc: 0.57 ug/ml



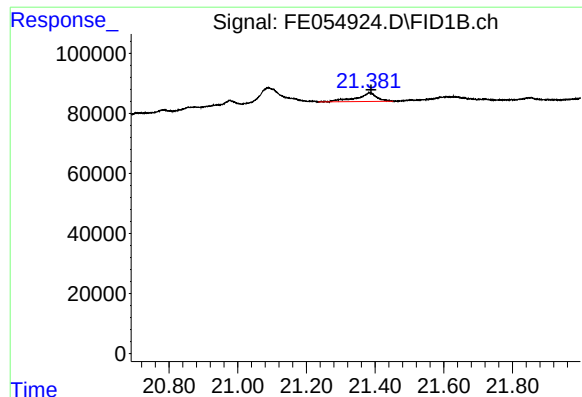
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 70021
Conc: 0.46 ug/ml



#20 n-Hexatriacontane (C36)

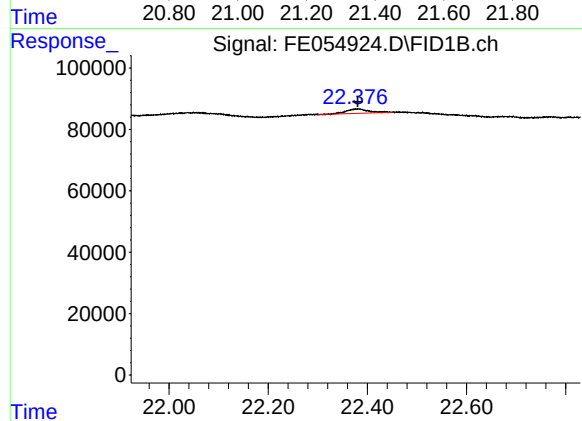
R.T.: 20.608 min
Delta R.T.: 0.003 min
Response: 49769
Conc: 0.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.004 min
Response: 120153
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :
1



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 43959
Conc: 0.41 ug/ml