

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054927.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 15:25
 Operator : YP\AJ
 Sample : Q2618-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4

Integration File: autoint1.e
 Quant Time: Jul 18 23:11:03 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	5874568	36.175 ug/ml
Spiked Amount 50.000		Recovery =	72.35%
12) S 1-chlorooctadecane (S...	13.523	4441371	35.167 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
Target Compounds			
6) T n-Tetradecane (C14)	8.695	33427	0.241 ug/ml
7) T n-Hexadecane (C16)	10.365f	38955	0.273 ug/ml
8) T n-Octadecane (C18)	11.775	57039	0.389 ug/ml
10) T n-Eicosane (C20)	13.066	39533	0.275 ug/ml
11) T n-Heneicosane (C21)	13.701	45457	0.318 ug/ml
14) T n-Tetracosane (C24)	15.378	35924	0.247 ug/ml
15) T n-Hexacosane (C26)	16.404	26589	0.184 ug/ml
16) T n-Octacosane (C28)	17.355	63807	0.438 ug/ml
17) T n-Tricontane (C30)	18.245	76134	0.483 ug/ml
18) T n-Dotriacontane (C32)	19.078	103409	0.639 ug/ml
19) T n-Tetratriacontane (C34)	19.863	63143	0.414 ug/ml
20) T n-Hexatriacontane (C36)	20.606	39730	0.295 ug/ml

(f)=RT Delta > 1/2 Window

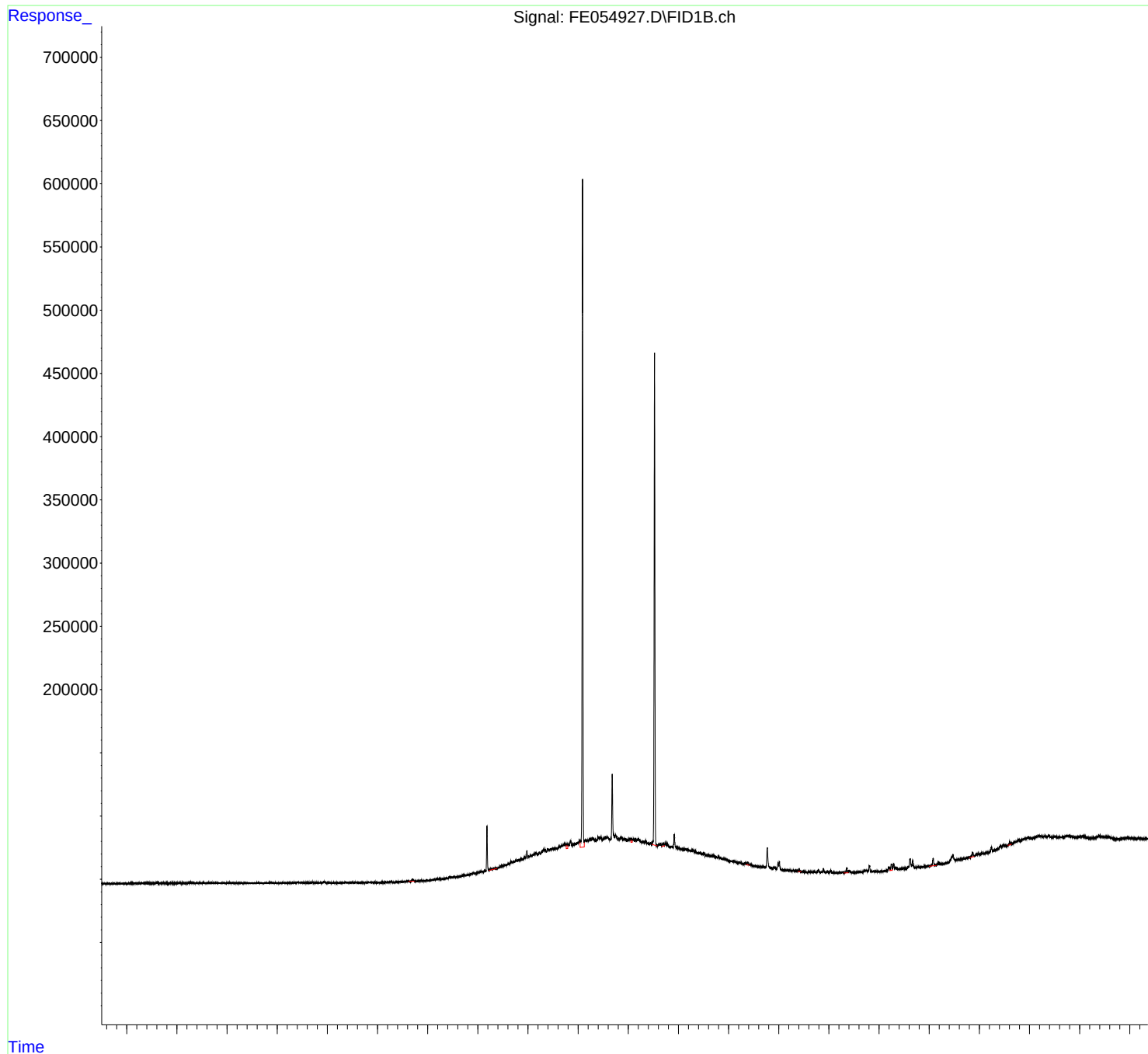
(m)=manual int.

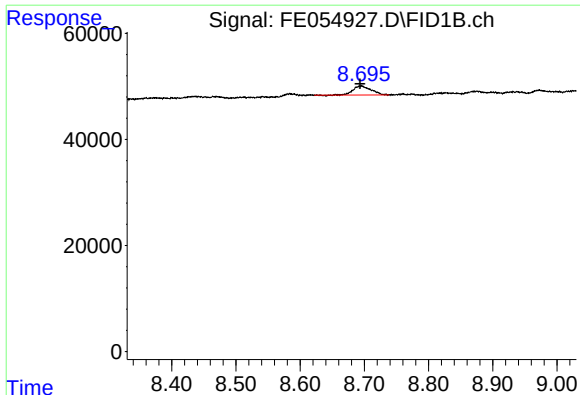
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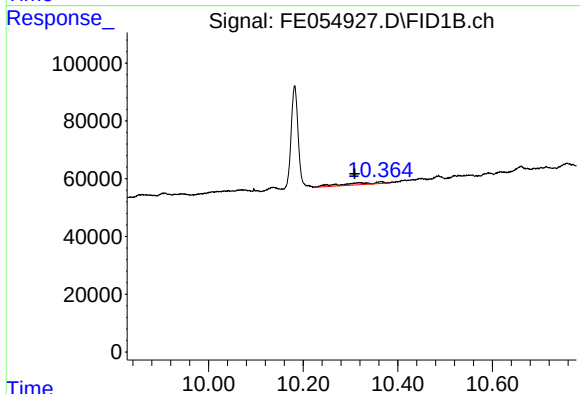




#6 n-Tetradecane (C14)

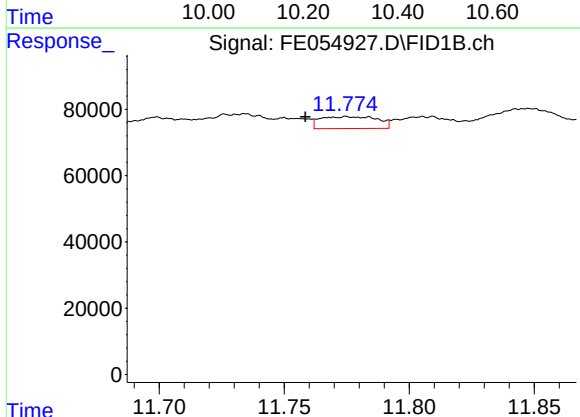
R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 33427
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
4



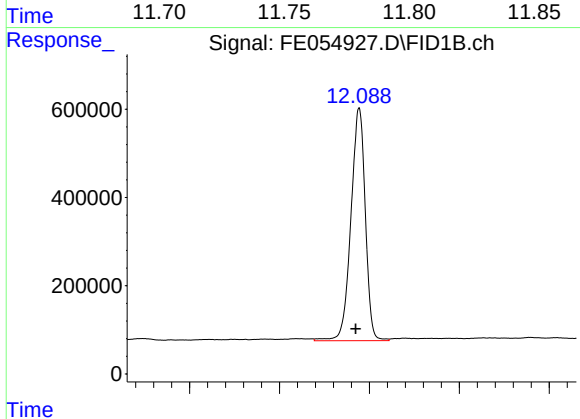
#7 n-Hexadecane (C16)

R.T.: 10.365 min
Delta R.T.: 0.056 min
Response: 38955
Conc: 0.27 ug/ml



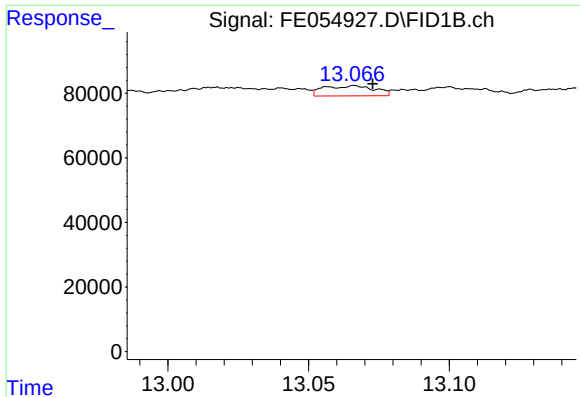
#8 n-Octadecane (C18)

R.T.: 11.775 min
Delta R.T.: 0.017 min
Response: 57039
Conc: 0.39 ug/ml



#9 ortho-Terphenyl (SURRE)

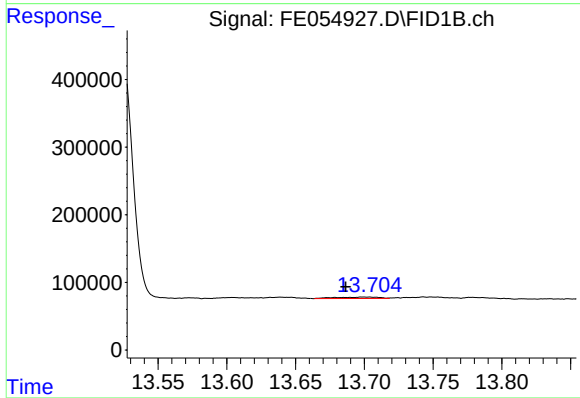
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5874568
Conc: 36.17 ug/ml



#10 n-Eicosane (C20)

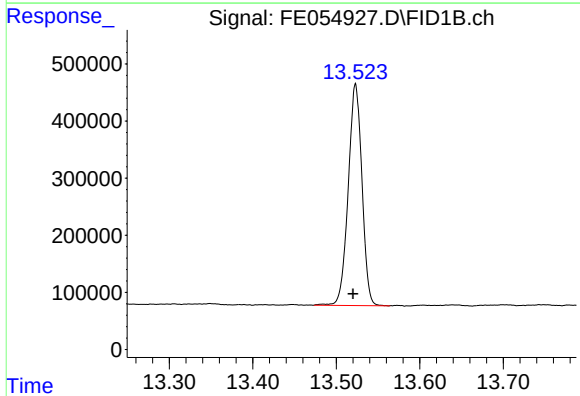
R.T.: 13.066 min
Delta R.T.: -0.006 min
Response: 39533
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
4



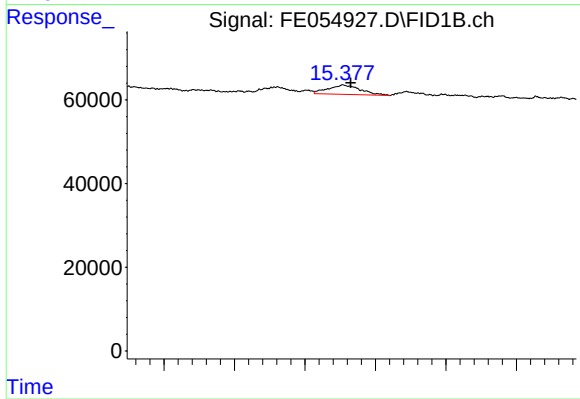
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.014 min
Response: 45457
Conc: 0.32 ug/ml



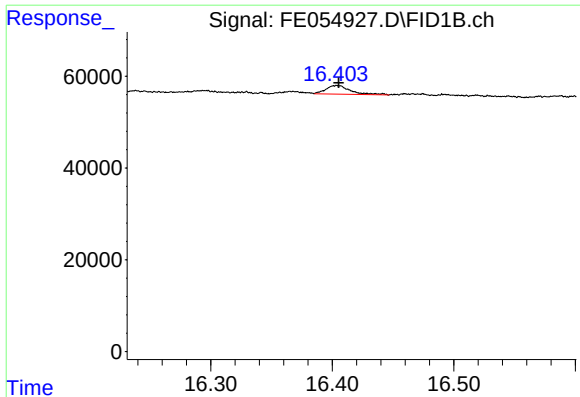
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 4441371
Conc: 35.17 ug/ml



#14 n-Tetracosane (C24)

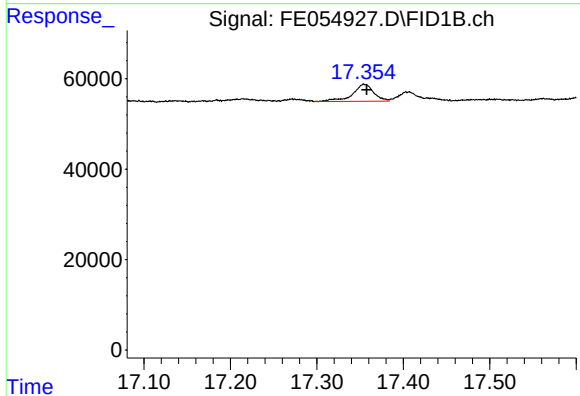
R.T.: 15.378 min
Delta R.T.: -0.005 min
Response: 35924
Conc: 0.25 ug/ml



#15 n-Hexacosane (C26)

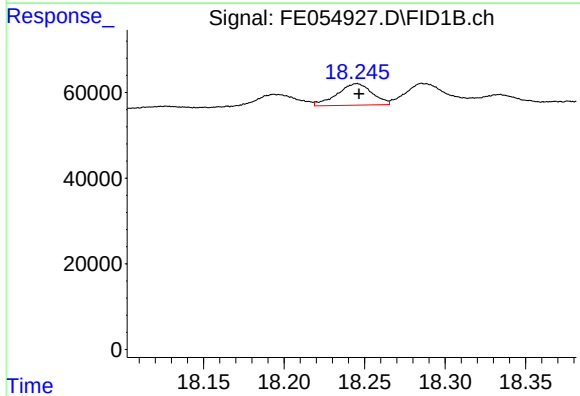
R.T.: 16.404 min
Delta R.T.: -0.001 min
Response: 26589
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :
4



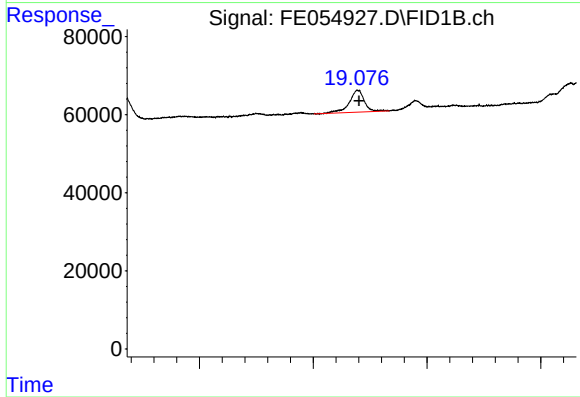
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 63807
Conc: 0.44 ug/ml



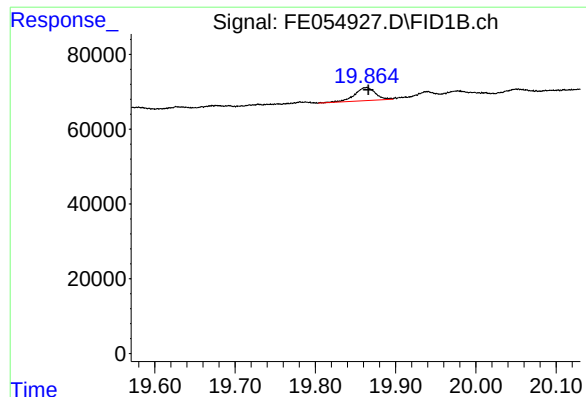
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 76134
Conc: 0.48 ug/ml



#18 n-Dotriacontane (C32)

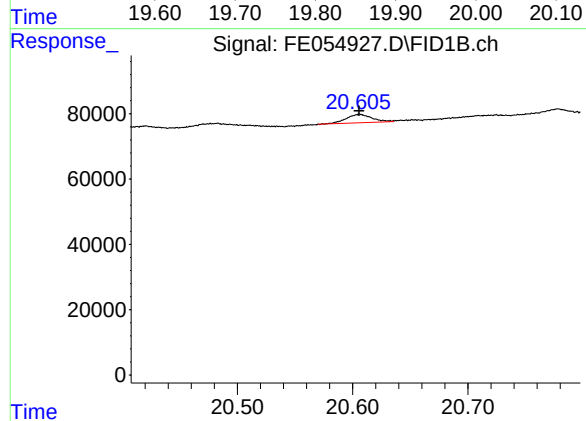
R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 103409
Conc: 0.64 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 63143
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :
4



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 39730
Conc: 0.30 ug/ml