

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054926.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 14:55
 Operator : YP\AJ
 Sample : Q2618-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3

Integration File: autoint1.e
 Quant Time: Jul 18 23:10:52 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	6359911	39.163 ug/ml
Spiked Amount 50.000		Recovery =	78.33%
12) S 1-chlorooctadecane (S...	13.524	4821724	38.179 ug/ml
Spiked Amount 50.000		Recovery =	76.36%
Target Compounds			
6) T n-Tetradecane (C14)	8.694	38966	0.281 ug/ml
7) T n-Hexadecane (C16)	10.314	43842	0.308 ug/ml
8) T n-Octadecane (C18)	11.774	79324	0.541 ug/ml
10) T n-Eicosane (C20)	13.070	46100	0.321 ug/ml
11) T n-Heneicosane (C21)	13.684	68885	0.482 ug/ml
16) T n-Octacosane (C28)	17.356	44310	0.304 ug/ml
17) T n-Tricontane (C30)	18.245	56341	0.358 ug/ml
18) T n-Dotriacontane (C32)	19.078	104872	0.648 ug/ml
19) T n-Tetratriacontane (C34)	19.864	84708	0.556 ug/ml
20) T n-Hexatriacontane (C36)	20.605	41282	0.307 ug/ml

(f)=RT Delta > 1/2 Window

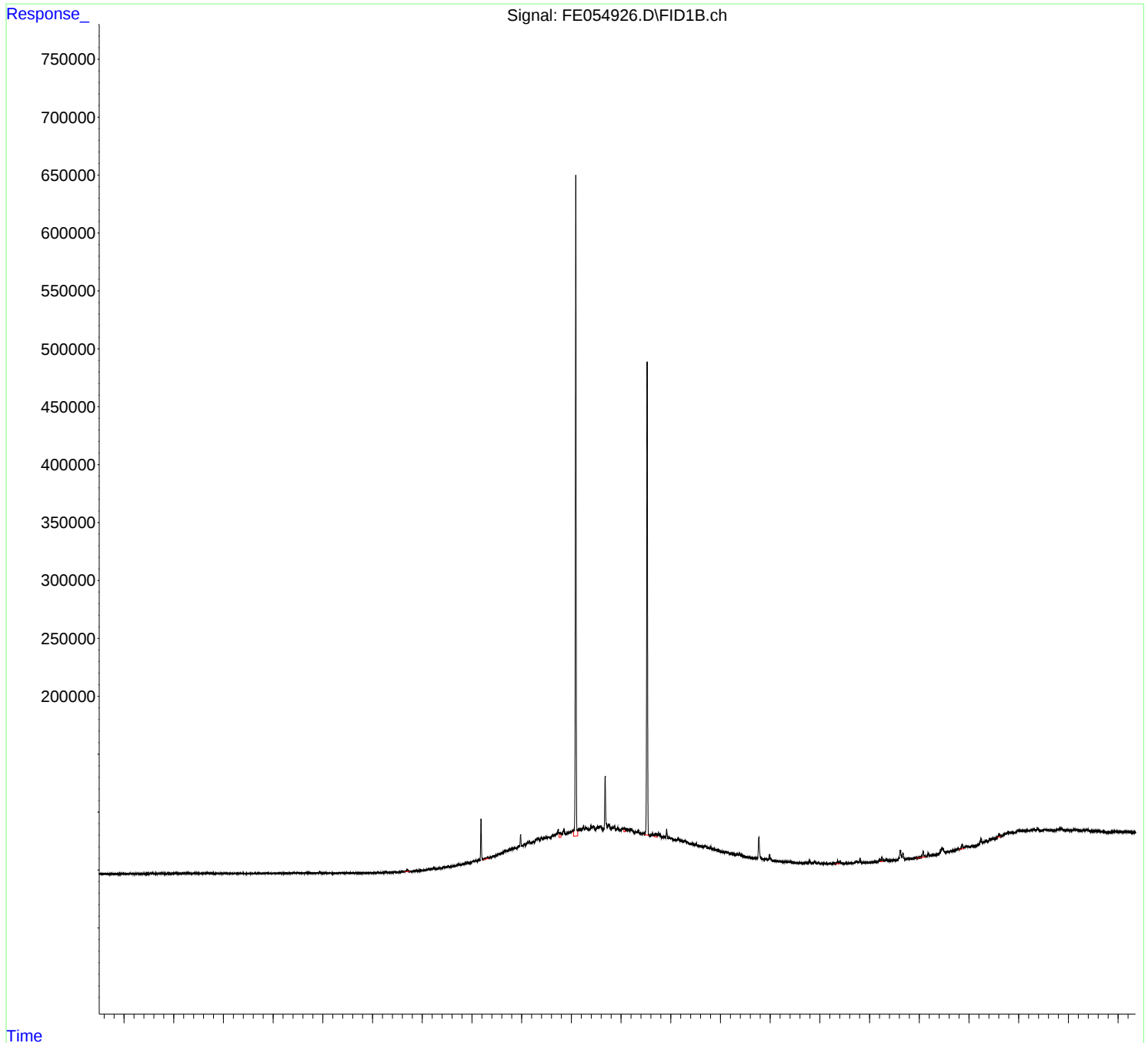
(m)=manual int.

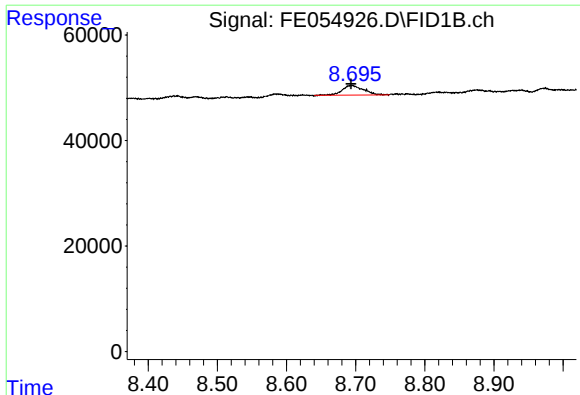
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Signal Info : 20M x 0.18mm x 0.18um

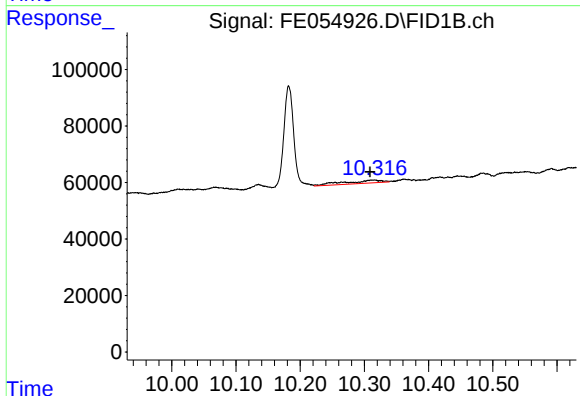




#6 n-Tetradecane (C14)

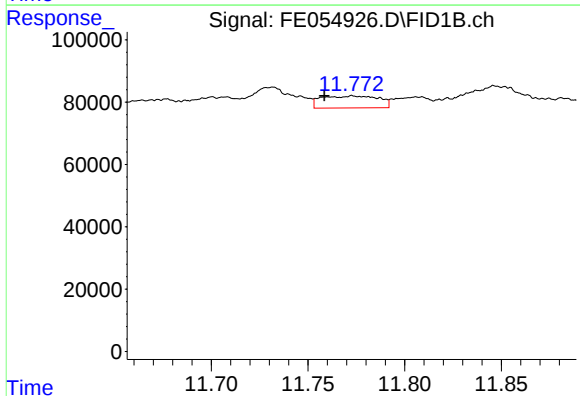
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 38966
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
3



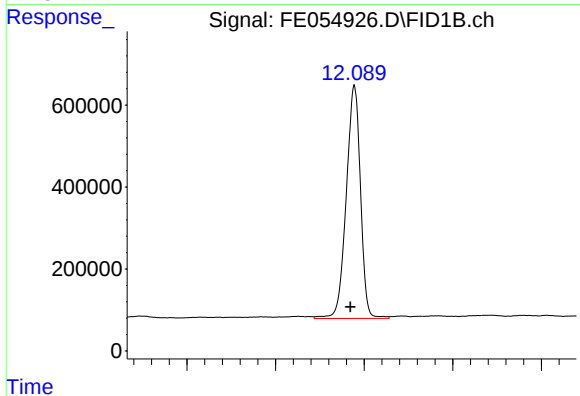
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 43842
Conc: 0.31 ug/ml



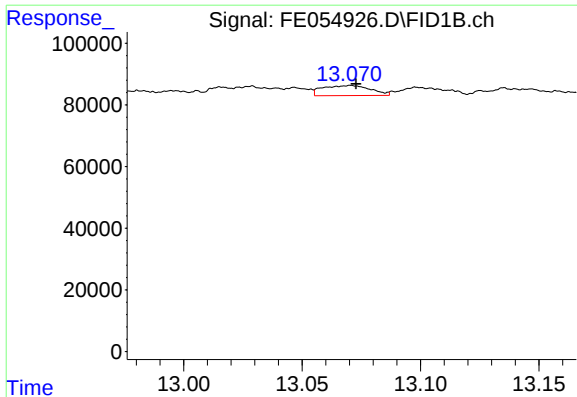
#8 n-Octadecane (C18)

R.T.: 11.774 min
Delta R.T.: 0.015 min
Response: 79324
Conc: 0.54 ug/ml



#9 ortho-Terphenyl (SURR)

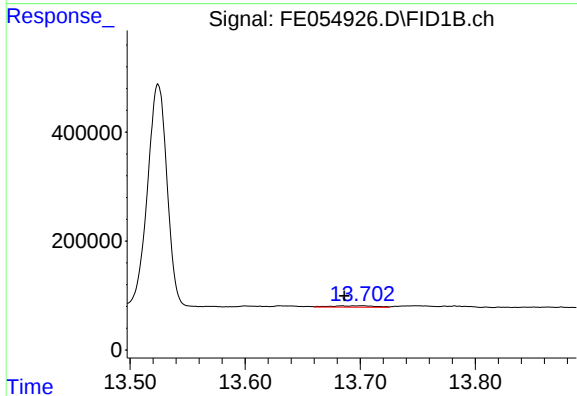
R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 6359911
Conc: 39.16 ug/ml



#10 n-Eicosane (C20)

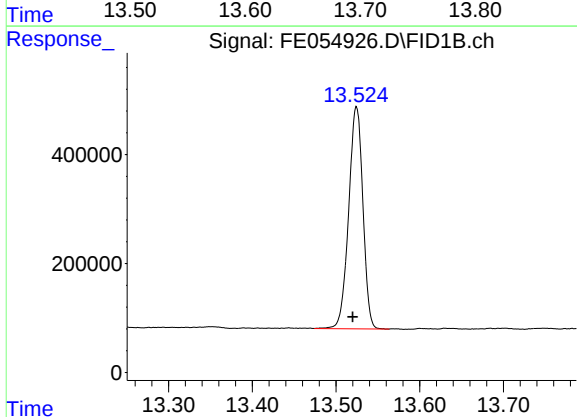
R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 46100
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
3



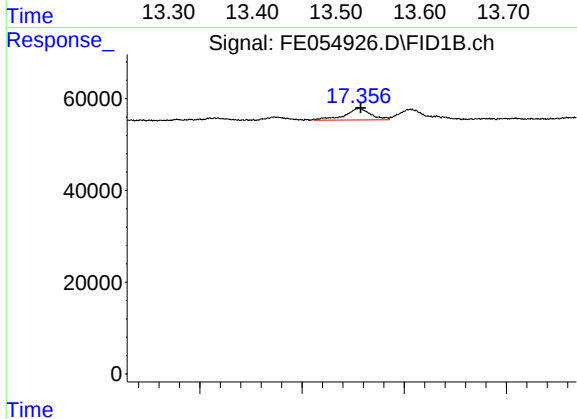
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 68885
Conc: 0.48 ug/ml



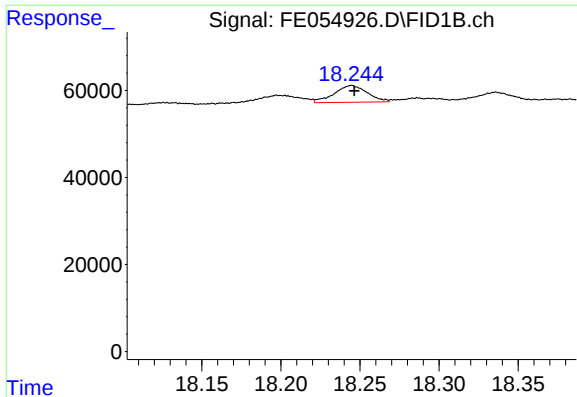
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4821724
Conc: 38.18 ug/ml



#16 n-Octacosane (C28)

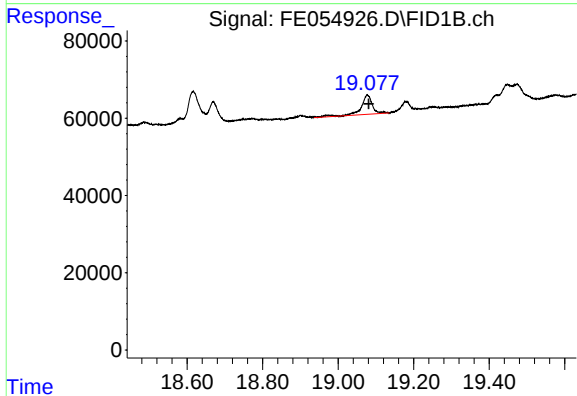
R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 44310
Conc: 0.30 ug/ml



#17 n-Tricontane (C30)

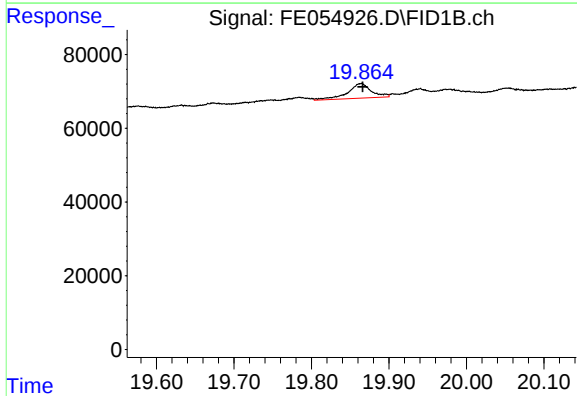
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 56341
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
3



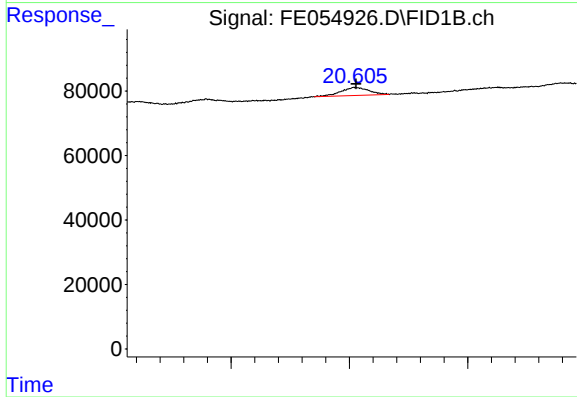
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 104872
Conc: 0.65 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 84708
Conc: 0.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 41282
Conc: 0.31 ug/ml