

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055176.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 13:25
 Operator : YP\AJ
 Sample : Q2774-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 248-E2DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:05:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	880953	6.169 ug/ml
Spiked Amount 50.000		Recovery =	12.34%
12) S 1-chlorooctadecane (S...	13.519	632593	5.883 ug/ml
Spiked Amount 50.000		Recovery =	11.77%
Target Compounds			
7) T n-Hexadecane (C16)	10.321	29743	0.233 ug/ml
8) T n-Octadecane (C18)	11.725	50777	0.389 ug/ml
10) T n-Eicosane (C20)	13.072	31743	0.253 ug/ml
11) T n-Heneicosane (C21)	13.739f	74677	0.606 ug/ml
14) T n-Tetracosane (C24)	15.372	29583	0.243 ug/ml
16) T n-Octacosane (C28)	17.355	44101	0.372 ug/ml
17) T n-Tricontane (C30)	18.244	90281	0.734 ug/ml
18) T n-Dotriacontane (C32)	19.078	135150	1.108 ug/ml
19) T n-Tetratriacontane (C34)	19.863	65659	0.562 ug/ml
20) T n-Hexatriacontane (C36)	20.605	43355	0.397 ug/ml

(f)=RT Delta > 1/2 Window

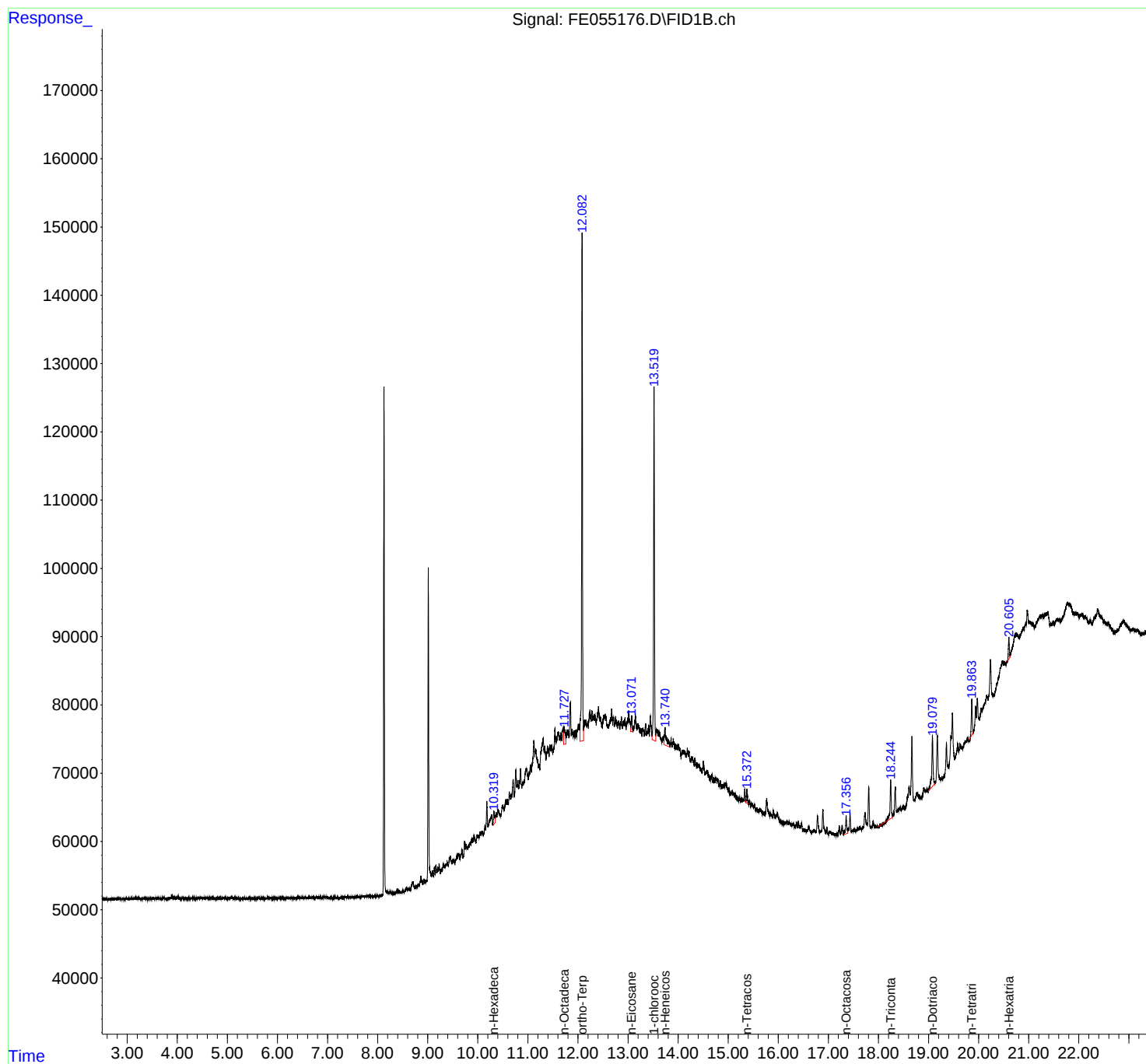
(m)=manual int.

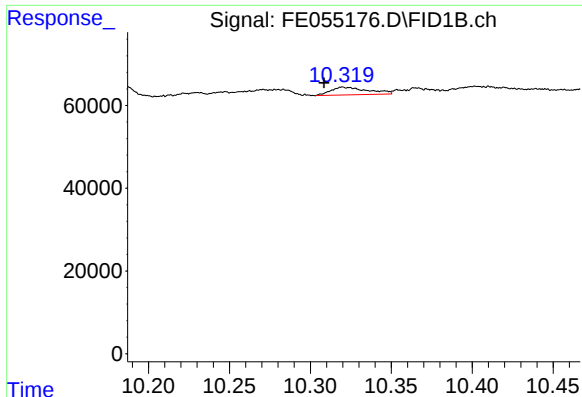
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

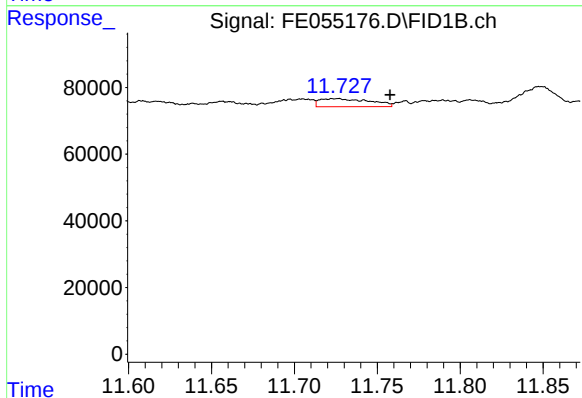




#7 n-Hexadecane (C16)

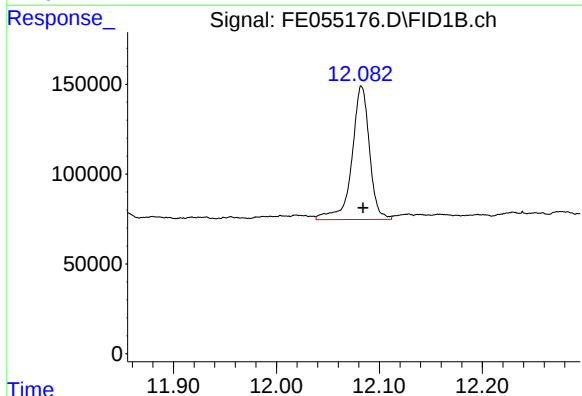
R.T.: 10.321 min
Delta R.T.: 0.013 min
Response: 29743
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :
248-E2DL



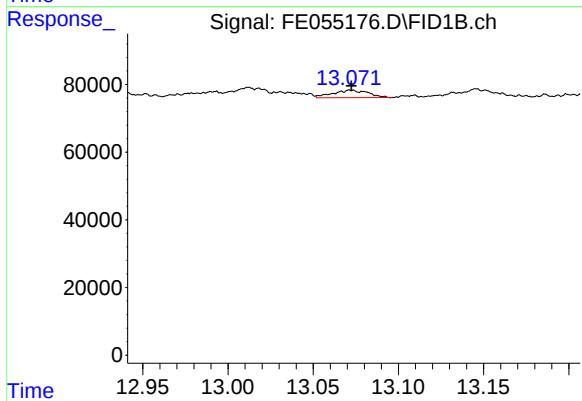
#8 n-Octadecane (C18)

R.T.: 11.725 min
Delta R.T.: -0.033 min
Response: 50777
Conc: 0.39 ug/ml



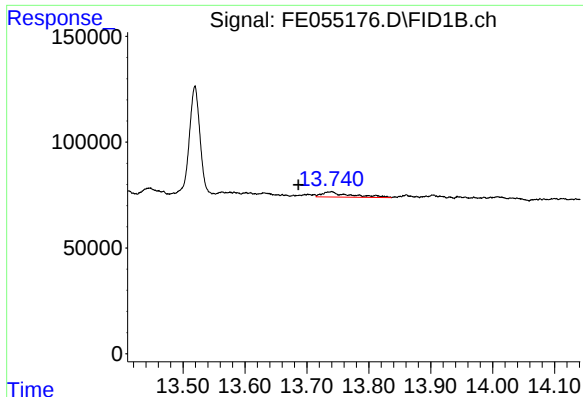
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 880953
Conc: 6.17 ug/ml



#10 n-Eicosane (C20)

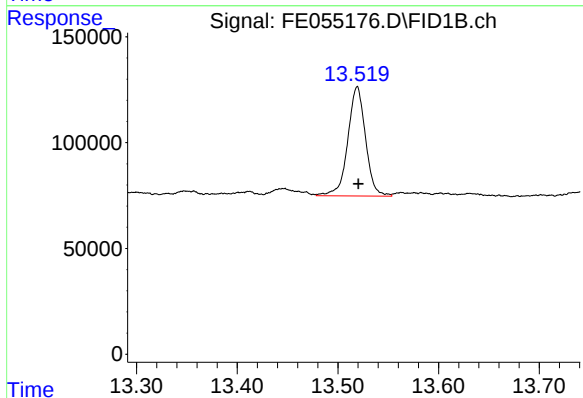
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 31743
Conc: 0.25 ug/ml



#11 n-Heneicosane (C21)

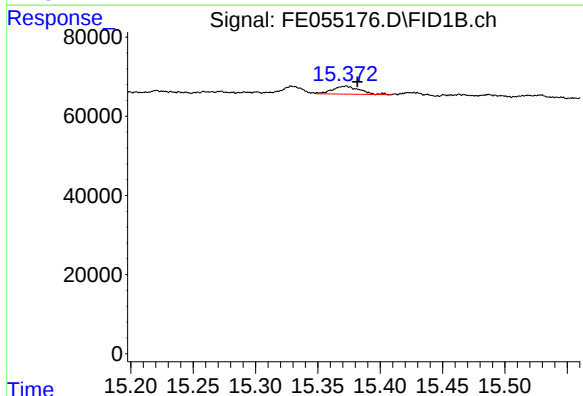
R.T.: 13.739 min
Delta R.T.: 0.053 min
Response: 74677
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :
248-E2DL



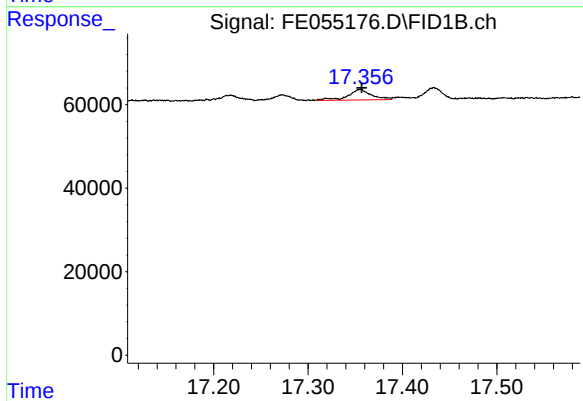
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 632593
Conc: 5.88 ug/ml



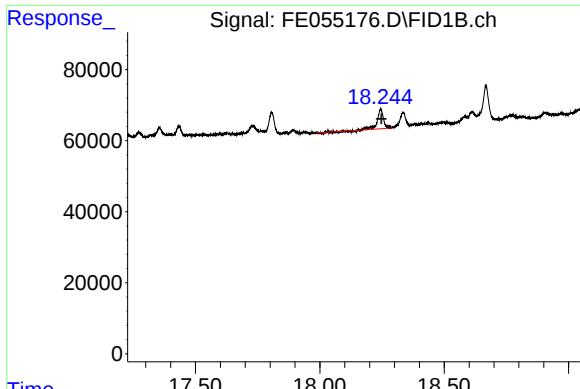
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 29583
Conc: 0.24 ug/ml



#16 n-Octacosane (C28)

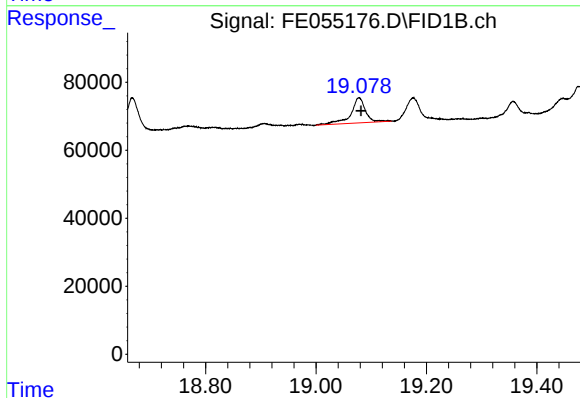
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 44101
Conc: 0.37 ug/ml



#17 n-Tricontane (C30)

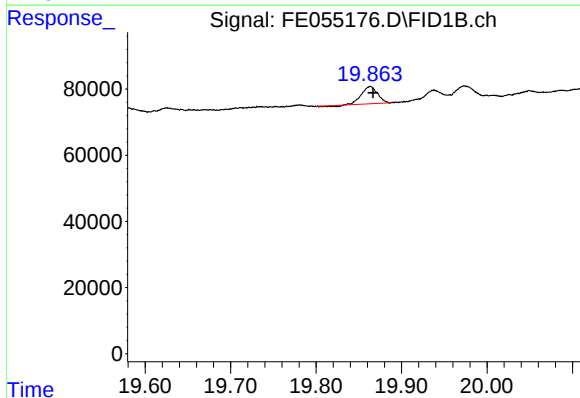
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 90281
Conc: 0.73 ug/ml

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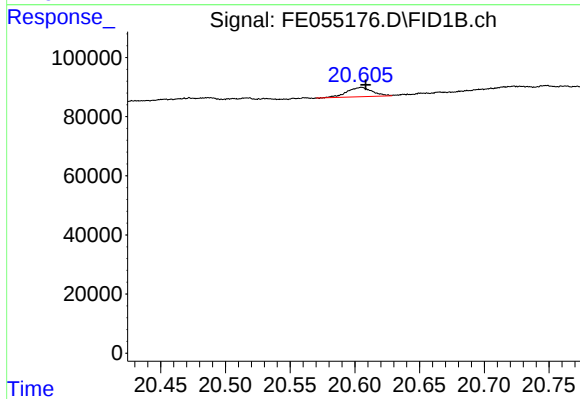
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 135150
Conc: 1.11 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 65659
Conc: 0.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 43355
Conc: 0.40 ug/ml