

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055177.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 13:55
 Operator : YP\AJ
 Sample : Q2774-11DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 224DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:05:56 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)	12.085	3092165	21.653 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
12) S 1-chlorooctadecane (S...	13.522	3214365	29.894 ug/ml
Spiked Amount 50.000		Recovery =	59.79%
Target Compounds			
7) T n-Hexadecane (C16)	10.328	38989	0.305 ug/ml
8) T n-Octadecane (C18)	11.744	160666	1.231 ug/ml
10) T n-Eicosane (C20)	13.067	136871	1.091 ug/ml
11) T n-Heneicosane (C21)	13.713	272686	2.212 ug/ml
13) T n-Docosane (C22)	14.317	443456	3.631 ug/ml
14) T n-Tetracosane (C24)	15.377	3013121	24.772 ug/ml
15) T n-Hexacosane (C26)	16.432	137839	1.152 ug/ml
16) T n-Octacosane (C28)	17.379	773105	6.517 ug/ml
17) T n-Tricontane (C30)	18.244	428975	3.486 ug/ml
18) T n-Dotriacontane (C32)	19.080	99683	0.817 ug/ml
19) T n-Tetratriacontane (C34)	19.864	37648	0.322 ug/ml
20) T n-Hexatriacontane (C36)	20.588	41799	0.382 ug/ml
21) T n-Octatriacontane (C38)	21.381	65936	0.610 ug/ml

(f)=RT Delta > 1/2 Window

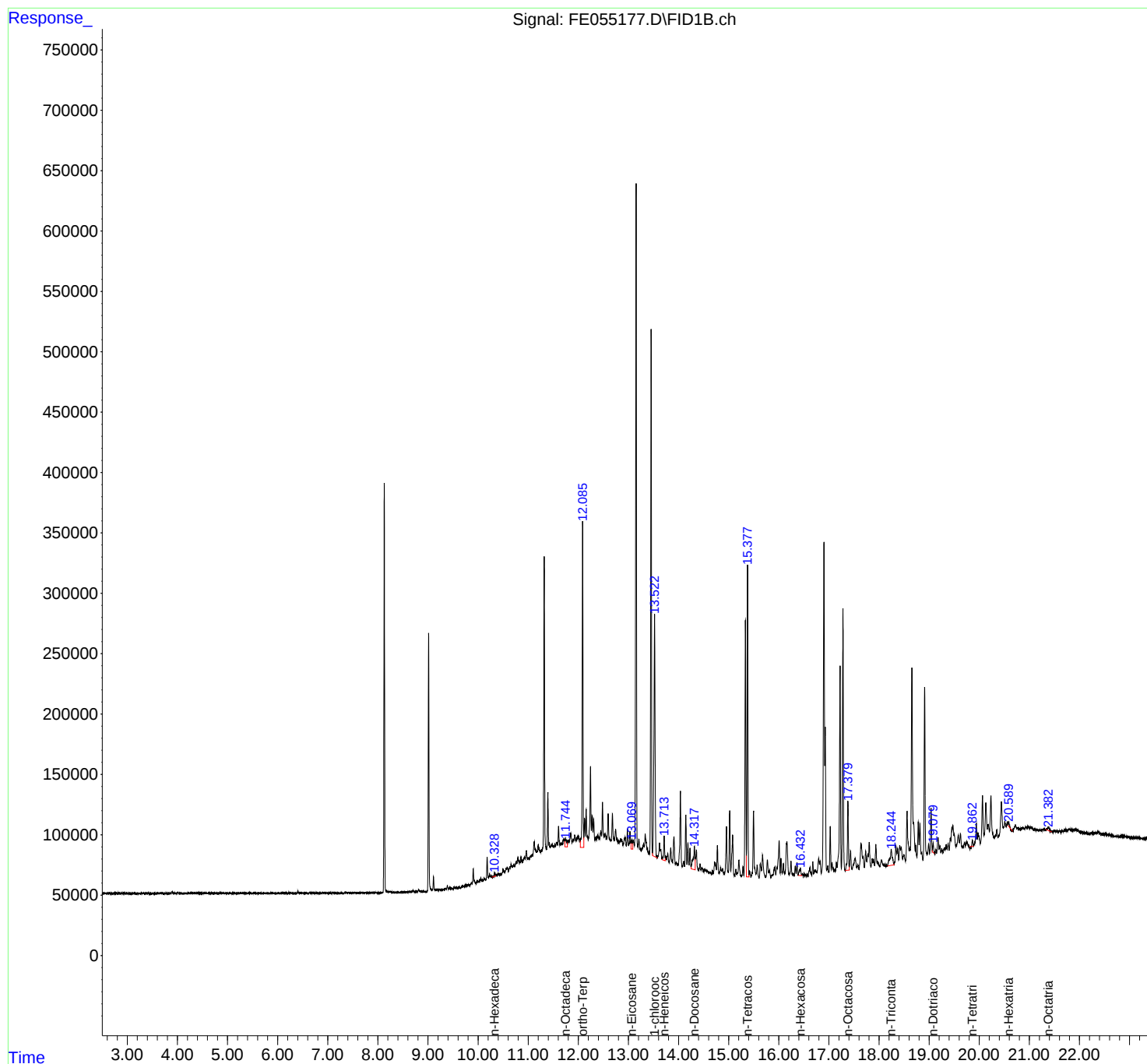
(m)=manual int.

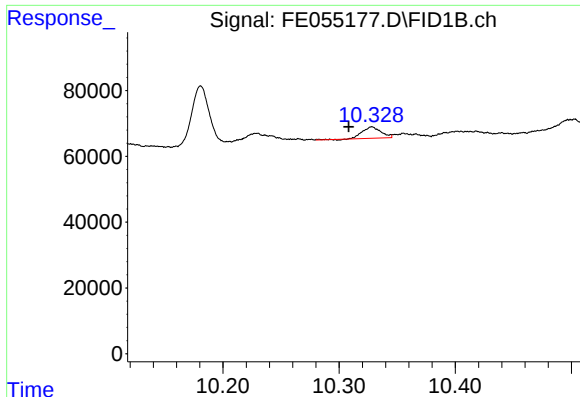
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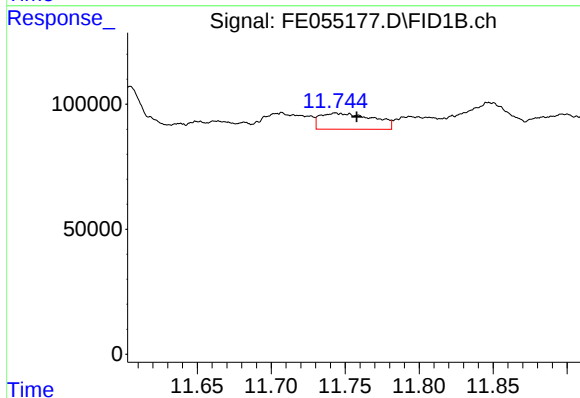




#7 n-Hexadecane (C16)

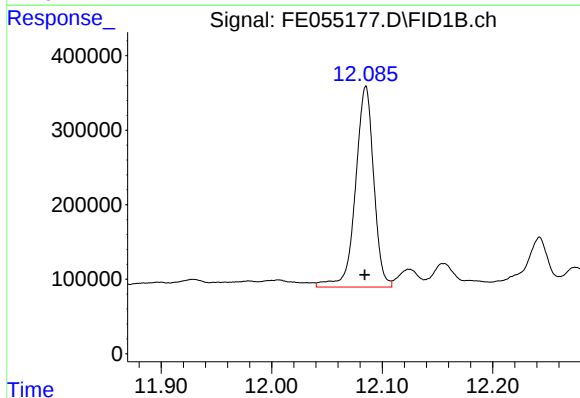
R.T.: 10.328 min
Delta R.T.: 0.020 min
Response: 38989
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
224DL



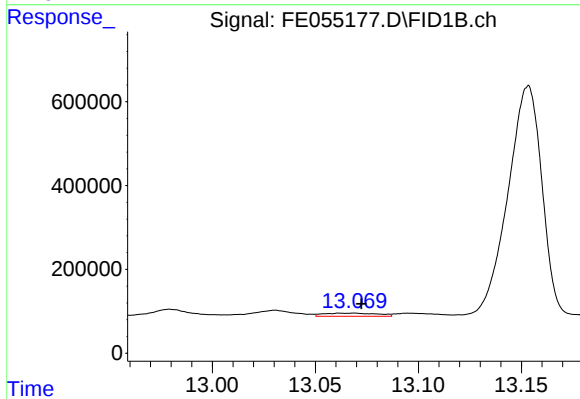
#8 n-Octadecane (C18)

R.T.: 11.744 min
Delta R.T.: -0.014 min
Response: 160666
Conc: 1.23 ug/ml



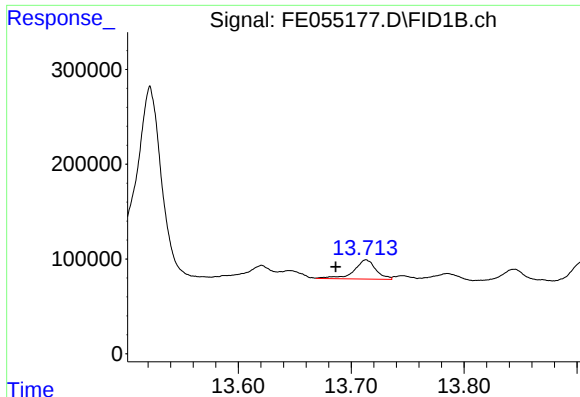
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3092165
Conc: 21.65 ug/ml



#10 n-Eicosane (C20)

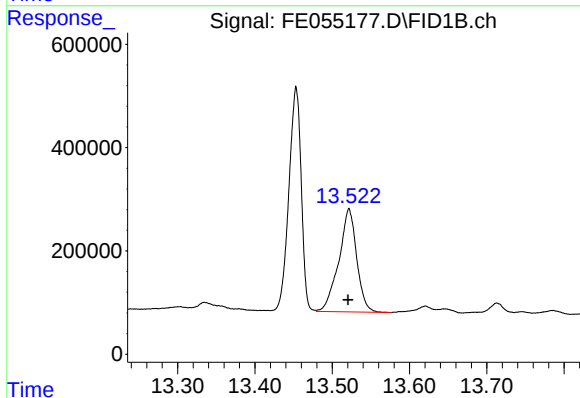
R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 136871
Conc: 1.09 ug/ml



#11 n-Heneicosane (C21)

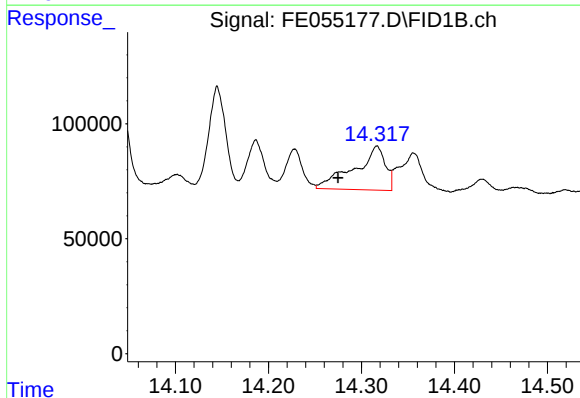
R.T.: 13.713 min
Delta R.T.: 0.027 min
Response: 272686
Conc: 2.21 ug/ml

Instrument :
FID_E
ClientSampleId :
224DL



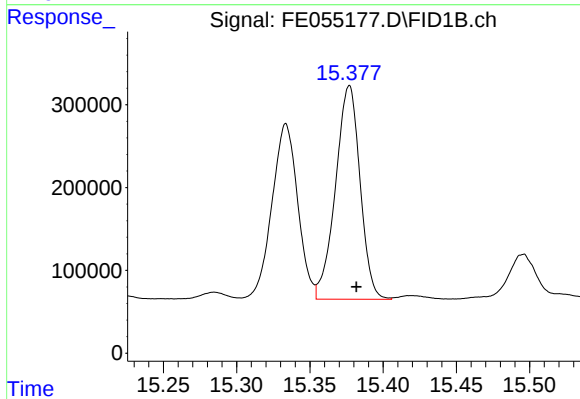
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 3214365
Conc: 29.89 ug/ml



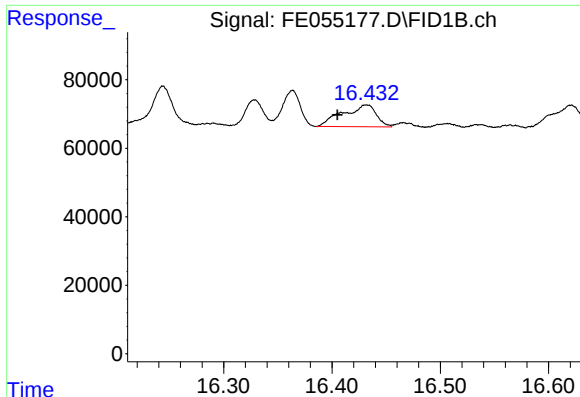
#13 n-Docosane (C22)

R.T.: 14.317 min
Delta R.T.: 0.042 min
Response: 443456
Conc: 3.63 ug/ml



#14 n-Tetracosane (C24)

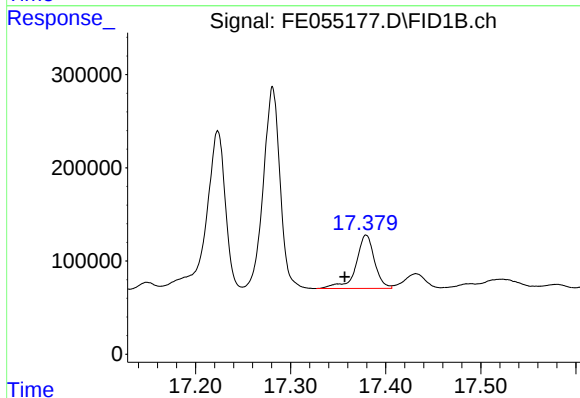
R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 3013121
Conc: 24.77 ug/ml



#15 n-Hexacosane (C26)

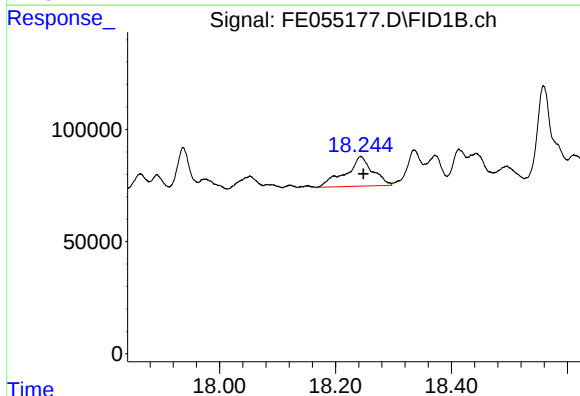
R.T.: 16.432 min
Delta R.T.: 0.027 min
Response: 137839
Conc: 1.15 ug/ml

Instrument :
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224DL



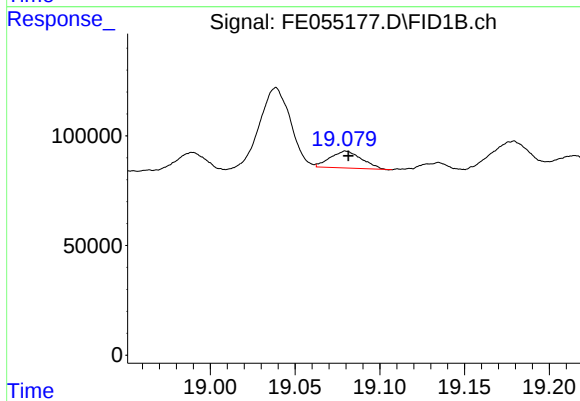
#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.022 min
Response: 773105
Conc: 6.52 ug/ml



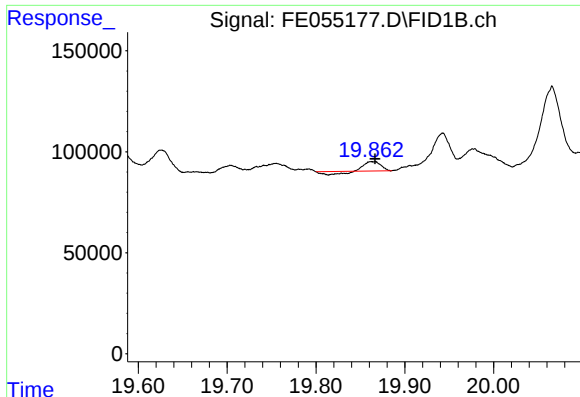
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 428975
Conc: 3.49 ug/ml



#18 n-Dotriacontane (C32)

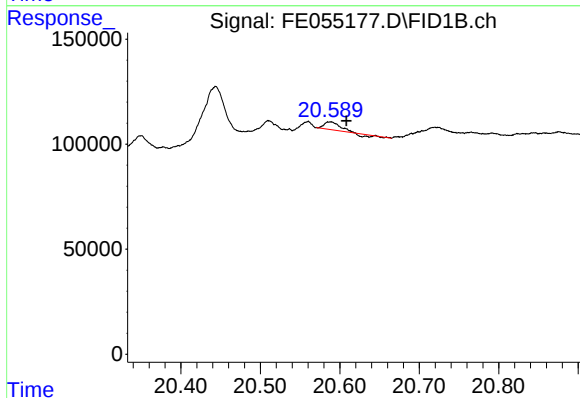
R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 99683
Conc: 0.82 ug/ml



#19 n-Tetratriacontane (C34)

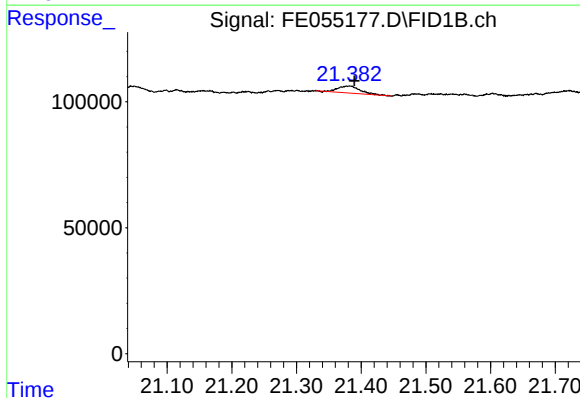
R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 37648
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
224DL



#20 n-Hexatriacontane (C36)

R.T.: 20.588 min
Delta R.T.: -0.021 min
Response: 41799
Conc: 0.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.008 min
Response: 65936
Conc: 0.61 ug/ml