

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055178.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 14:25
 Operator : YP\AJ
 Sample : Q2774-13DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 254DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:06:19 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	1107671	7.757 ug/ml
Spiked Amount 50.000		Recovery =	15.51%
12) S 1-chlorooctadecane (S...	13.520	1328266	12.353 ug/ml
Spiked Amount 50.000		Recovery =	24.71%
Target Compounds			
7) T n-Hexadecane (C16)	10.328	38137	0.298 ug/ml
8) T n-Octadecane (C18)	11.740	84505	0.648 ug/ml
10) T n-Eicosane (C20)	13.065	72457	0.577 ug/ml
11) T n-Heneicosane (C21)	13.712	183099	1.485 ug/ml
13) T n-Docosane (C22)	14.276	71508	0.586 ug/ml
14) T n-Tetracosane (C24)	15.373	1601277	13.165 ug/ml
15) T n-Hexacosane (C26)	16.430	85422	0.714 ug/ml
16) T n-Octacosane (C28)	17.377	405808	3.421 ug/ml
17) T n-Tricontane (C30)	18.244	284187	2.310 ug/ml
18) T n-Dotriacontane (C32)	19.079	117878	0.966 ug/ml
19) T n-Tetratriacontane (C34)	19.864	69478	0.594 ug/ml
20) T n-Hexatriacontane (C36)	20.587	88850	0.813 ug/ml

(f)=RT Delta > 1/2 Window

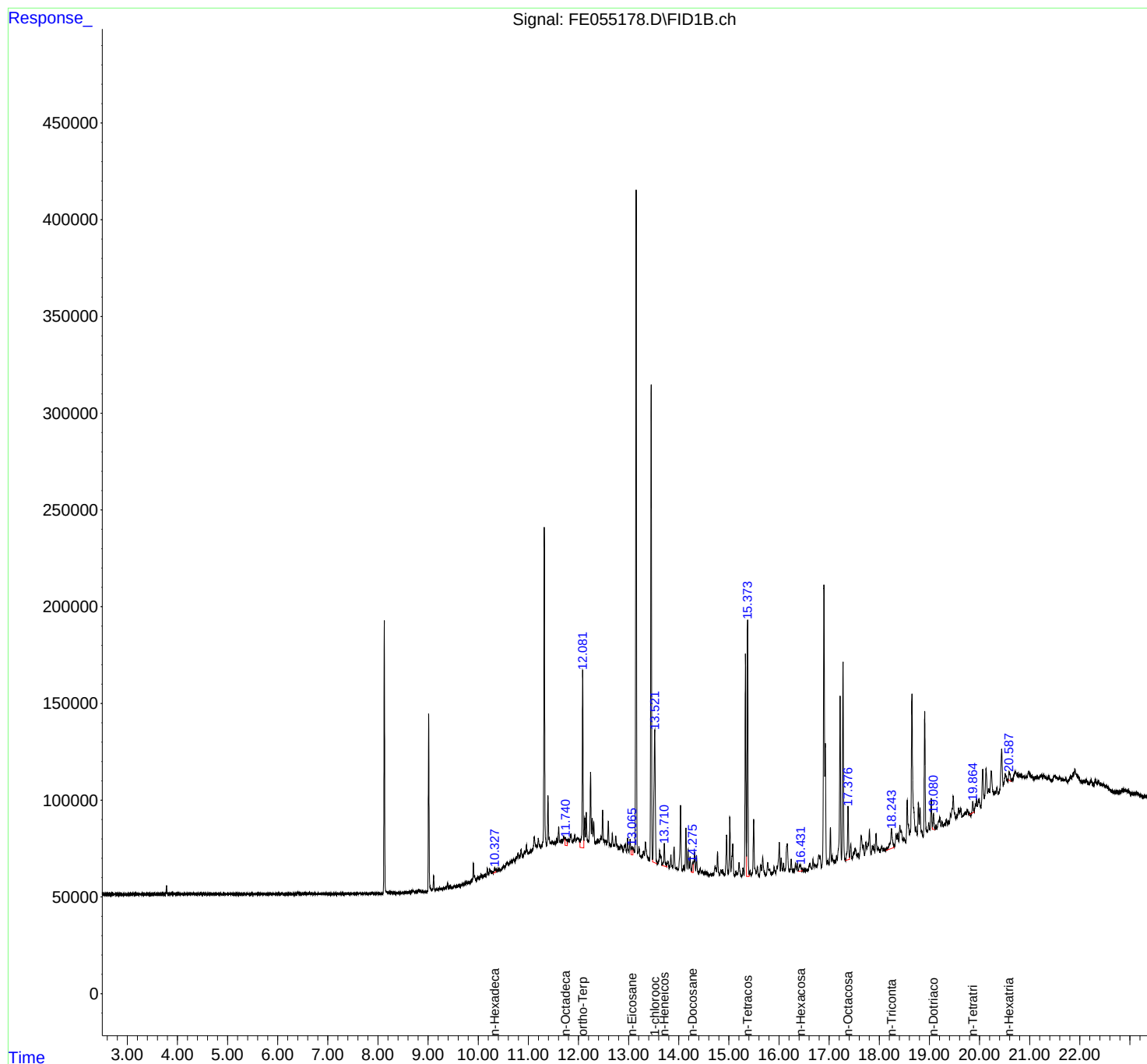
(m)=manual int.

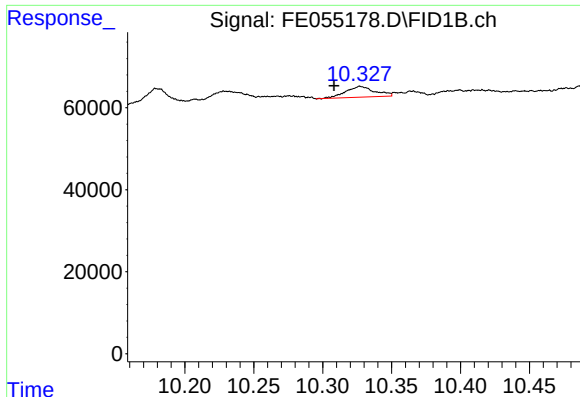
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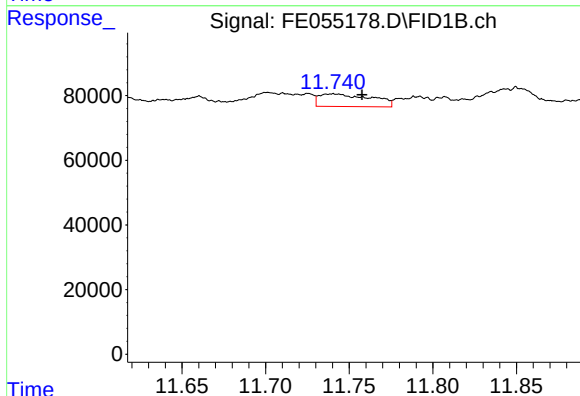




#7 n-Hexadecane (C16)

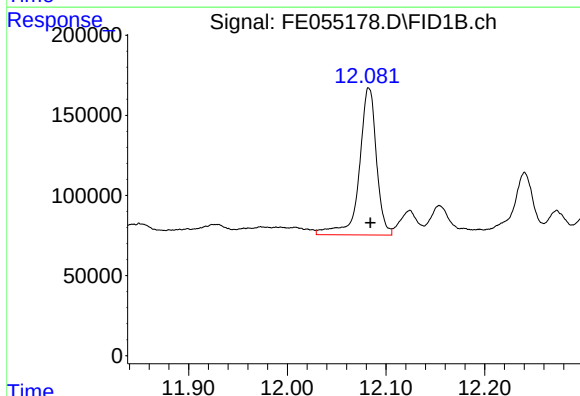
R.T.: 10.328 min
Delta R.T.: 0.019 min
Response: 38137
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
254DL



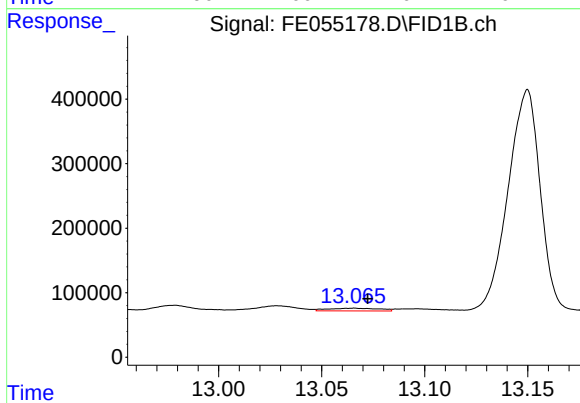
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.018 min
Response: 84505
Conc: 0.65 ug/ml



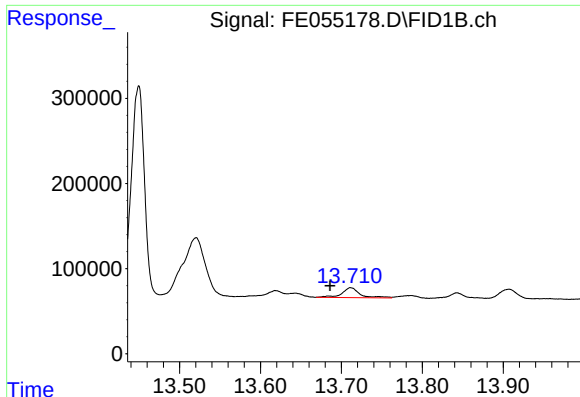
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 1107671
Conc: 7.76 ug/ml



#10 n-Eicosane (C20)

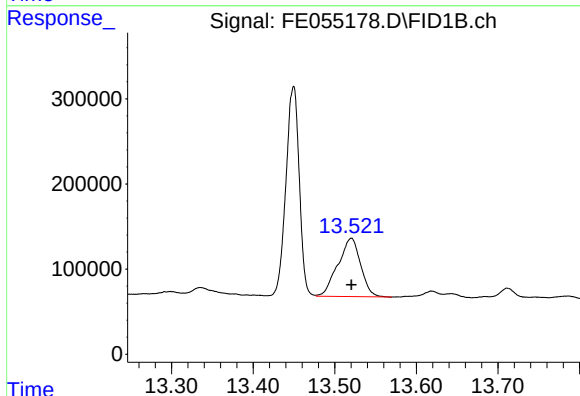
R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 72457
Conc: 0.58 ug/ml



#11 n-Heneicosane (C21)

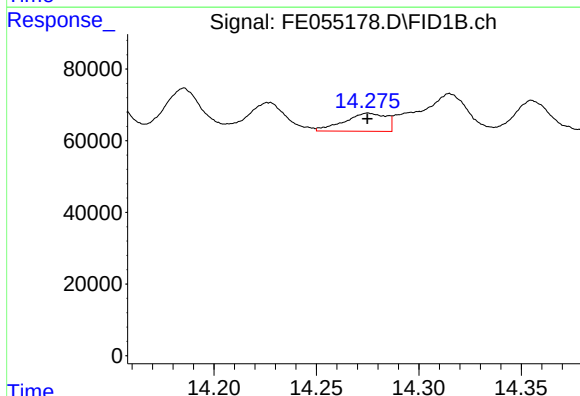
R.T.: 13.712 min
Delta R.T.: 0.025 min
Response: 183099
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :
254DL



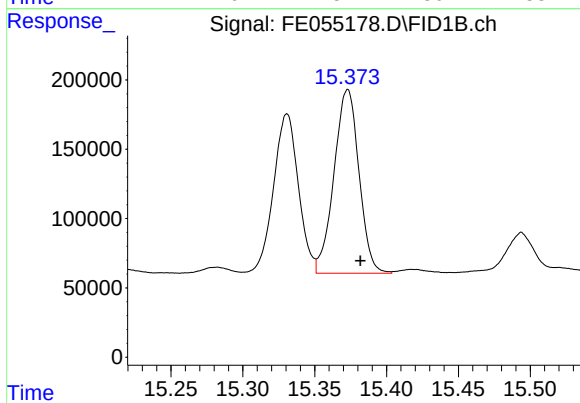
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 1328266
Conc: 12.35 ug/ml



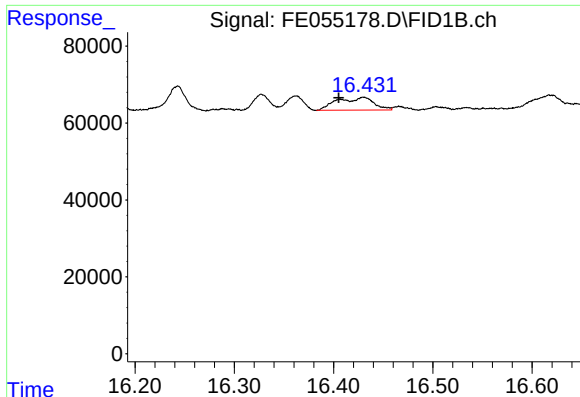
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 71508
Conc: 0.59 ug/ml



#14 n-Tetracosane (C24)

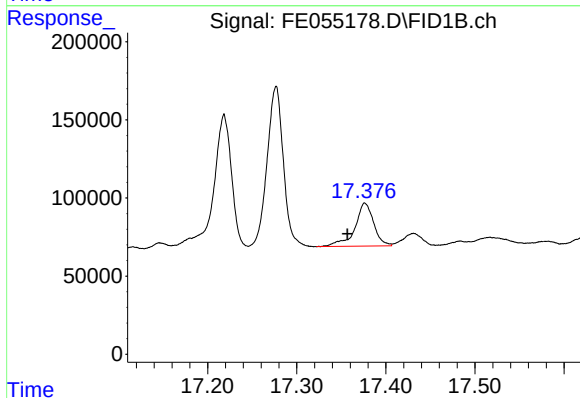
R.T.: 15.373 min
Delta R.T.: -0.009 min
Response: 1601277
Conc: 13.16 ug/ml



#15 n-Hexacosane (C26)

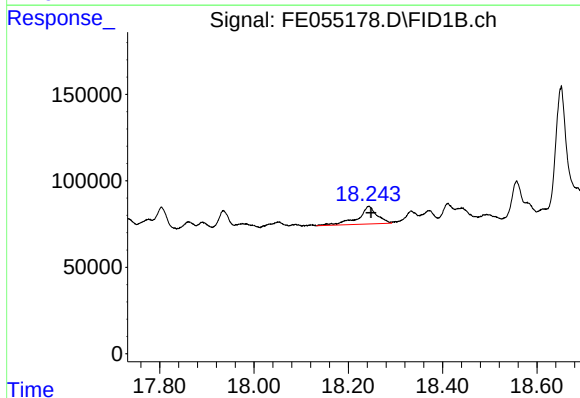
R.T.: 16.430 min
Delta R.T.: 0.025 min
Response: 85422
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
254DL



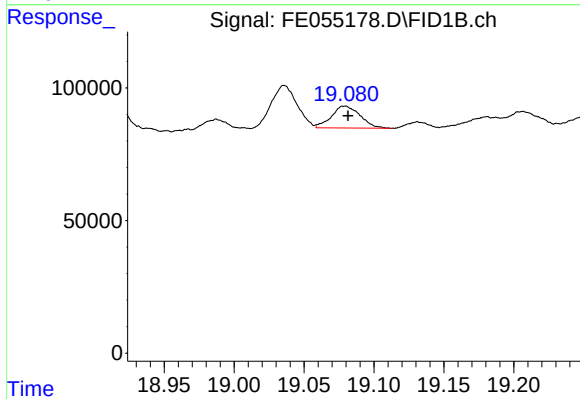
#16 n-Octacosane (C28)

R.T.: 17.377 min
Delta R.T.: 0.020 min
Response: 405808
Conc: 3.42 ug/ml



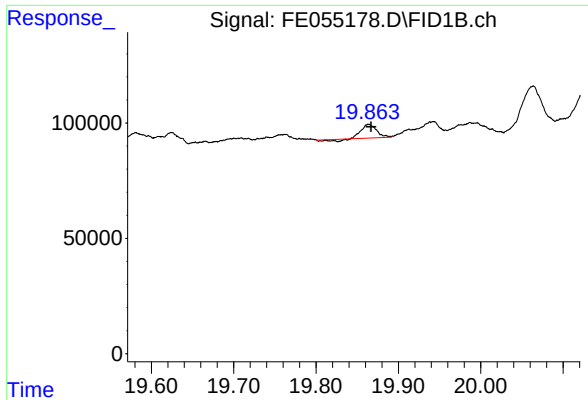
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 284187
Conc: 2.31 ug/ml



#18 n-Dotriacontane (C32)

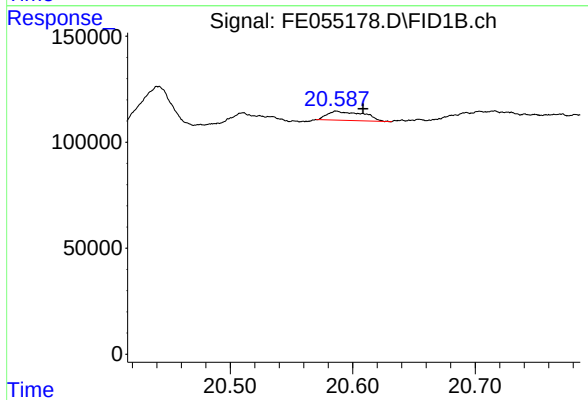
R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 117878
Conc: 0.97 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 69478
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :
254DL



#20 n-Hexatriacontane (C36)

R.T.: 20.587 min
Delta R.T.: -0.021 min
Response: 88850
Conc: 0.81 ug/ml