

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041125AL\
 Data File : FE053316.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2025 11:10
 Operator : YP\AJ
 Sample : Q1771-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-7CDL

Integration File: autoint1.e
 Quant Time: Apr 11 22:44:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.895	909100	5.581 ug/ml
Spiked Amount 50.000		Recovery =	11.16%
12) S 1-chlorooctadecane (S...	13.337	1961091	16.336 ug/ml
Spiked Amount 50.000		Recovery =	32.67%
Target Compounds			
4) T n-Dodecane (C12)	6.679	116572	0.745 ug/ml
6) T n-Tetradecane (C14)	8.516	277420	1.812 ug/ml
7) T n-Hexadecane (C16)	10.131	179335	1.163 ug/ml
8) T n-Octadecane (C18)	11.577	267640	1.765 ug/ml
10) T n-Eicosane (C20)	12.892	234235	1.643 ug/ml
11) T n-Heneicosane (C21)	13.508	144998	1.045 ug/ml
13) T n-Docosane (C22)	14.096	149933	1.095 ug/ml
14) T n-Tetracosane (C24)	15.200	172051	1.274 ug/ml
16) T n-Octacosane (C28)	17.180	44295	0.336 ug/ml
17) T n-Tricontane (C30)	18.069	141053	1.041 ug/ml
18) T n-Dotriacontane (C32)	18.905	186950	1.389 ug/ml
19) T n-Tetratriacontane (C34)	19.691	93226	0.720 ug/ml
20) T n-Hexatriacontane (C36)	20.433	76492	0.644 ug/ml

(f)=RT Delta > 1/2 Window

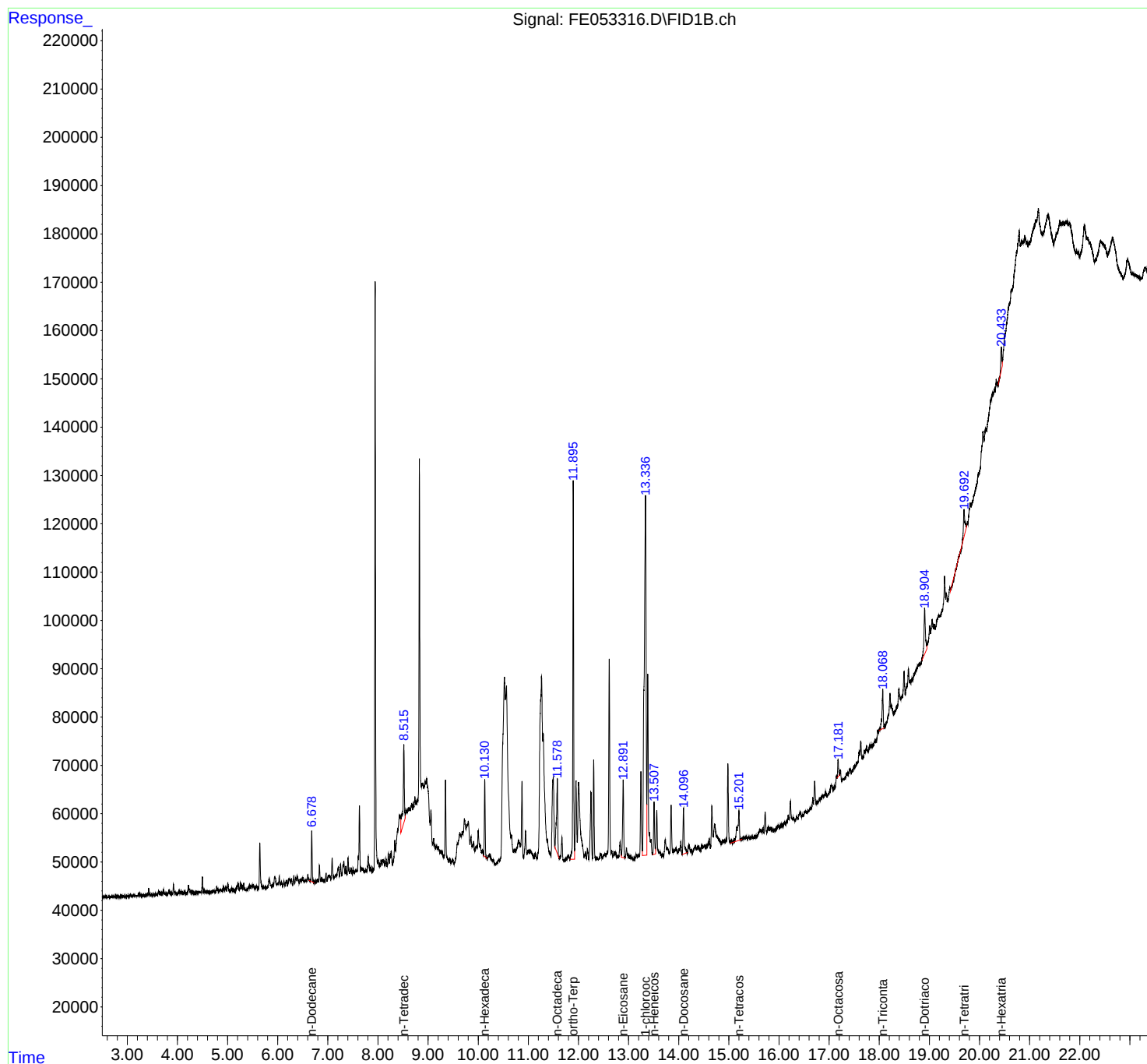
(m)=manual int.

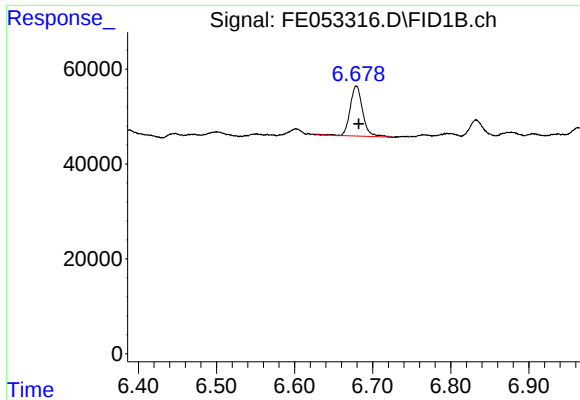
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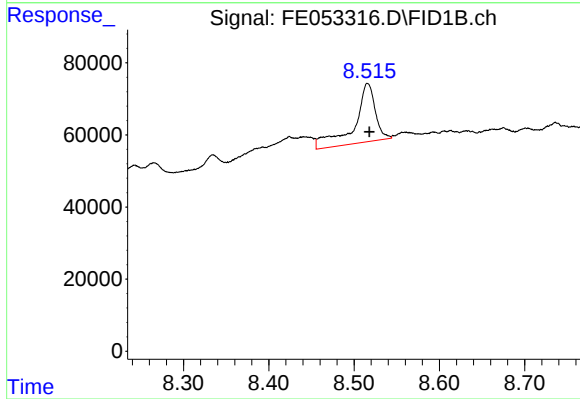




#4 n-Dodecane (C12)

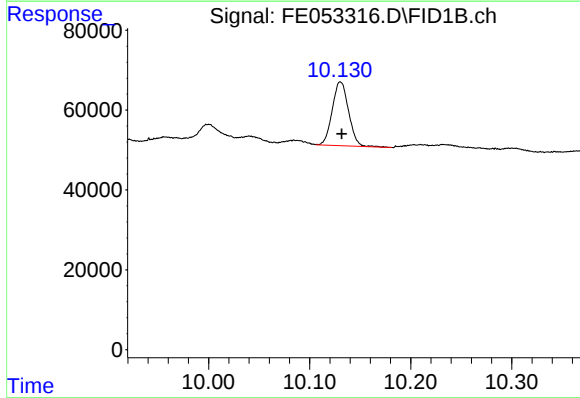
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 116572
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7CDL



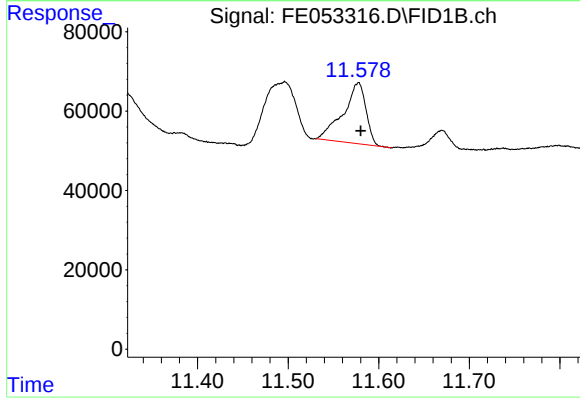
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 277420
Conc: 1.81 ug/ml



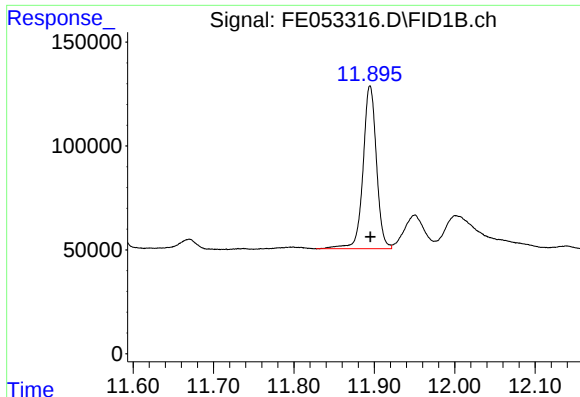
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.001 min
Response: 179335
Conc: 1.16 ug/ml



#8 n-Octadecane (C18)

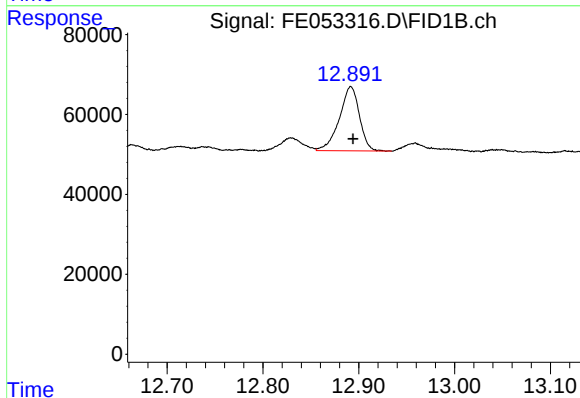
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 267640
Conc: 1.76 ug/ml



#9 ortho-Terphenyl (SURR)

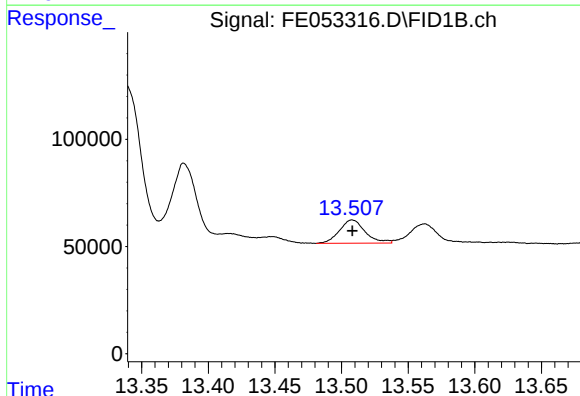
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 909100
Conc: 5.58 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7CDL



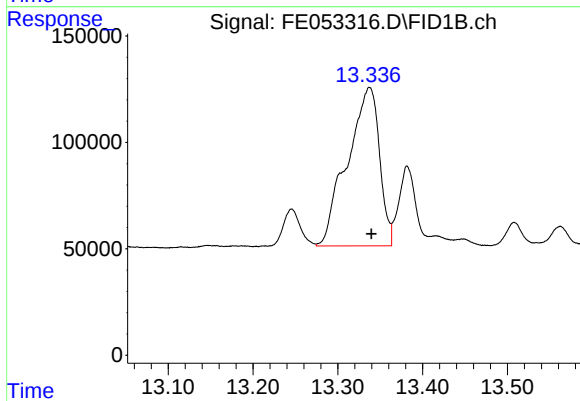
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 234235
Conc: 1.64 ug/ml



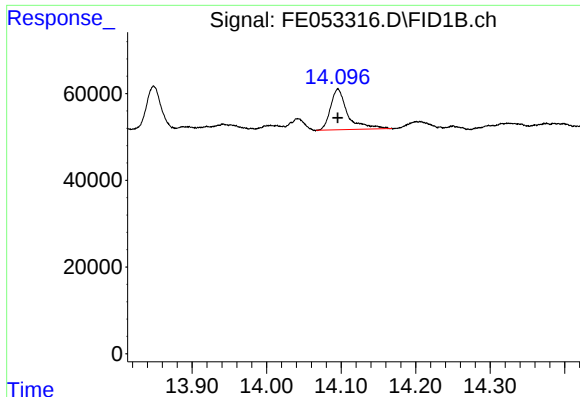
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 144998
Conc: 1.04 ug/ml



#12 1-chlorooctadecane (SURR)

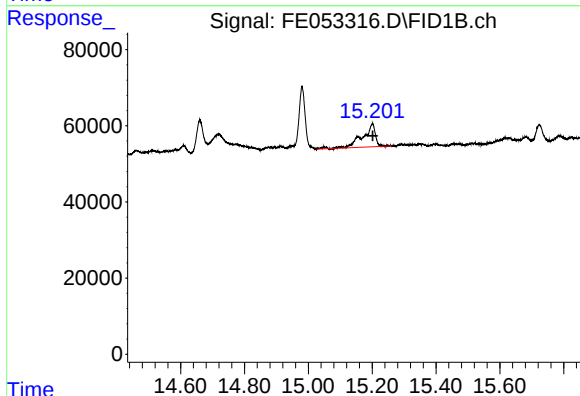
R.T.: 13.337 min
Delta R.T.: -0.003 min
Response: 1961091
Conc: 16.34 ug/ml



#13 n-Docosane (C22)

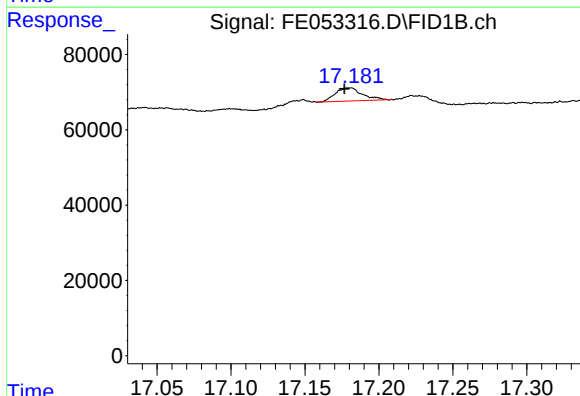
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 149933
Conc: 1.09 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7CDL



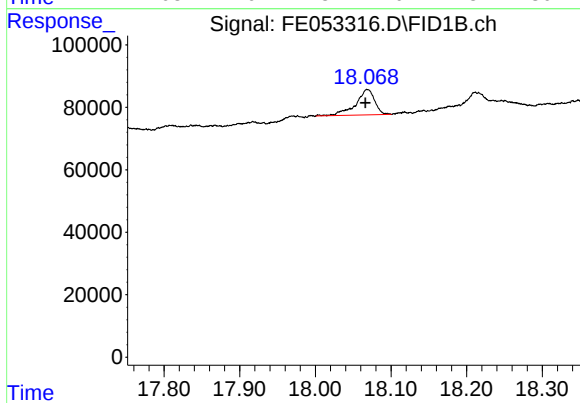
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: 0.000 min
Response: 172051
Conc: 1.27 ug/ml



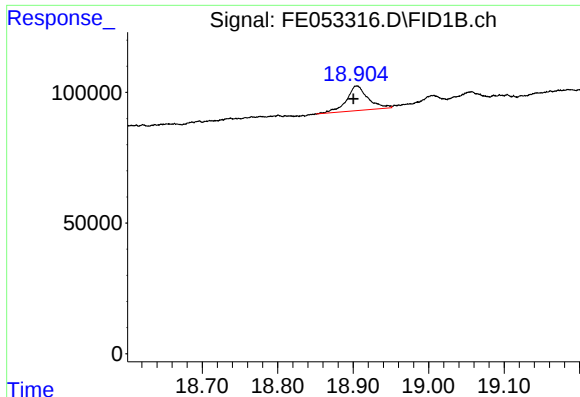
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: 0.003 min
Response: 44295
Conc: 0.34 ug/ml



#17 n-Tricontane (C30)

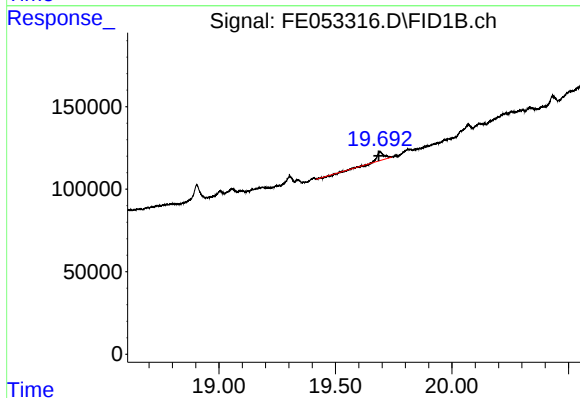
R.T.: 18.069 min
Delta R.T.: 0.003 min
Response: 141053
Conc: 1.04 ug/ml



#18 n-Dotriacontane (C32)

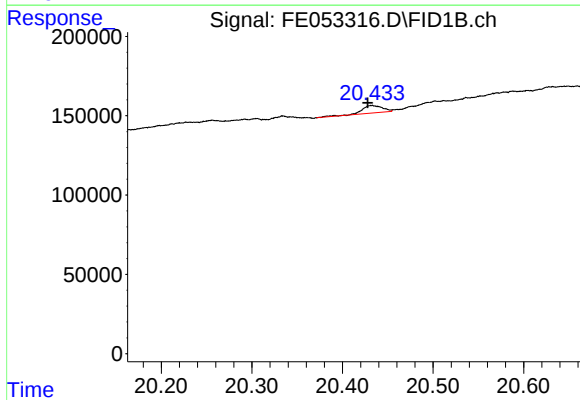
R.T.: 18.905 min
Delta R.T.: 0.005 min
Response: 186950
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7CDL



#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.005 min
Response: 93226
Conc: 0.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.005 min
Response: 76492
Conc: 0.64 ug/ml