

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053184.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 09:34
 Operator : YP\AJ
 Sample : Q1706-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 23:52:17 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)	11.891	1012991	6.219 ug/ml
Spiked Amount 50.000		Recovery =	12.44%
12) S 1-chlorooctadecane (S...	13.335	799085	6.657 ug/ml
Spiked Amount 50.000		Recovery =	13.31%
Target Compounds			
6) T n-Tetradecane (C14)	8.515	144443	0.943 ug/ml
7) T n-Hexadecane (C16)	10.128	131145	0.851 ug/ml
8) T n-Octadecane (C18)	11.575	98983	0.653 ug/ml
10) T n-Eicosane (C20)	12.891	113284	0.795 ug/ml
14) T n-Tetracosane (C24)	15.176	191669	1.419 ug/ml
16) T n-Octacosane (C28)	17.180	107512	0.815 ug/ml
17) T n-Tricontane (C30)	18.063	160367	1.183 ug/ml
18) T n-Dotriacontane (C32)	18.897	170466	1.267 ug/ml
19) T n-Tetratriacontane (C34)	19.684	257847	1.993 ug/ml
20) T n-Hexatriacontane (C36)	20.425	132308	1.114 ug/ml

(f)=RT Delta > 1/2 Window

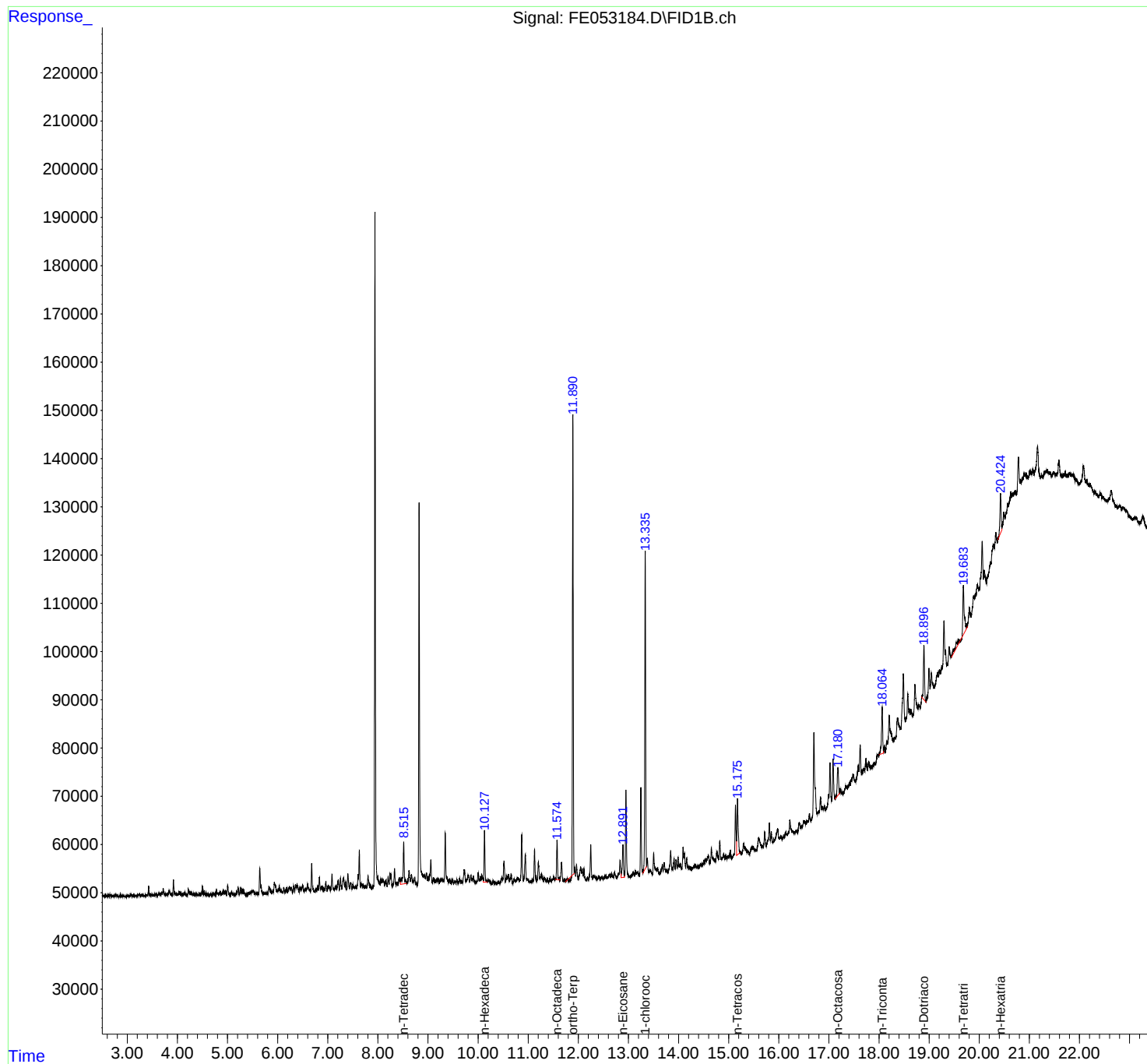
(m)=manual int.

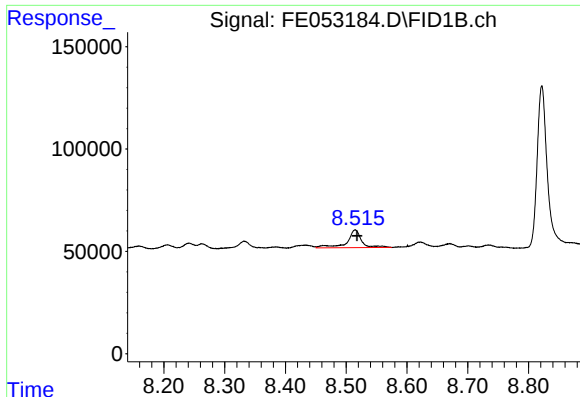
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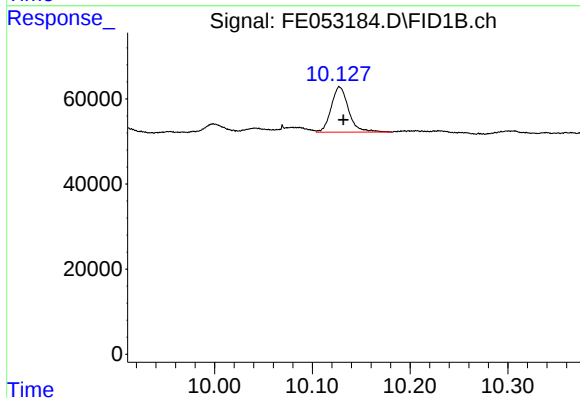




#6 n-Tetradecane (C14)

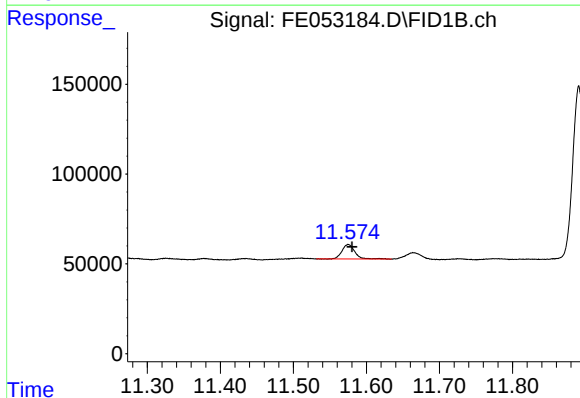
R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 144443
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



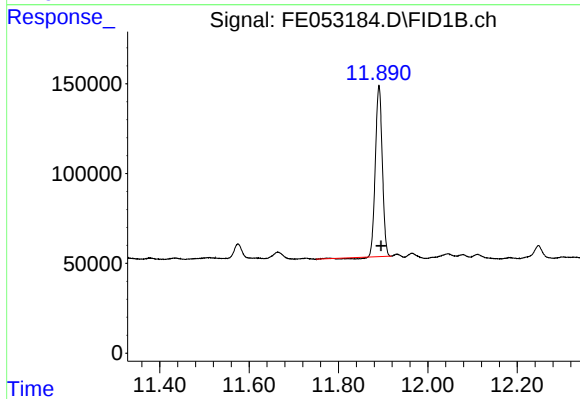
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 131145
Conc: 0.85 ug/ml



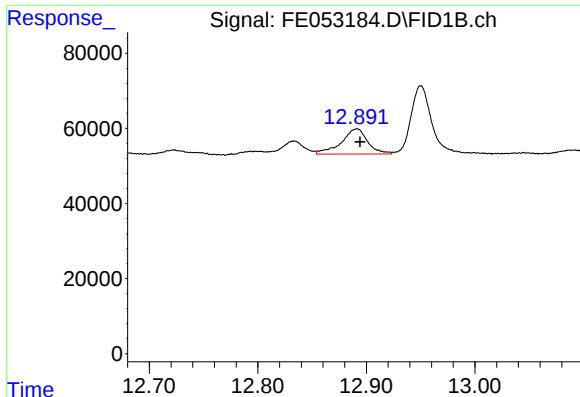
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 98983
Conc: 0.65 ug/ml



#9 ortho-Terphenyl (SURR)

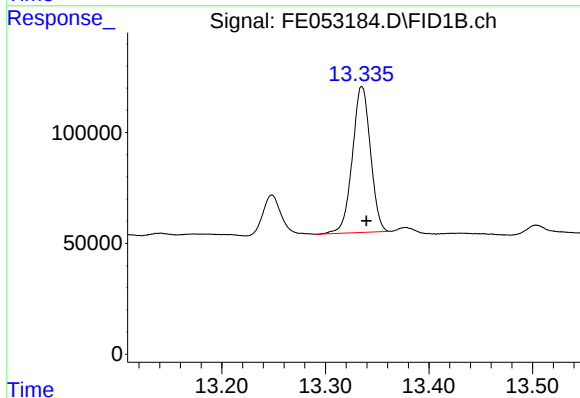
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 1012991
Conc: 6.22 ug/ml



#10 n-Eicosane (C20)

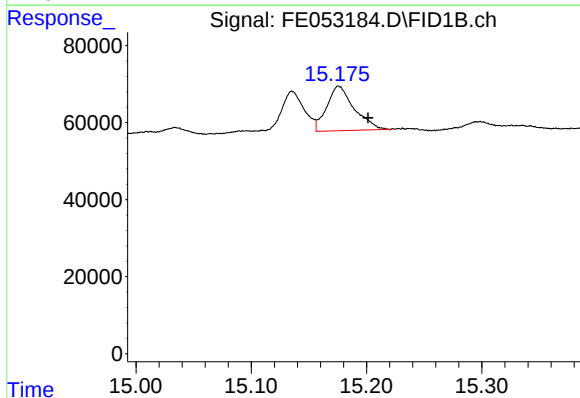
R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 113284
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :



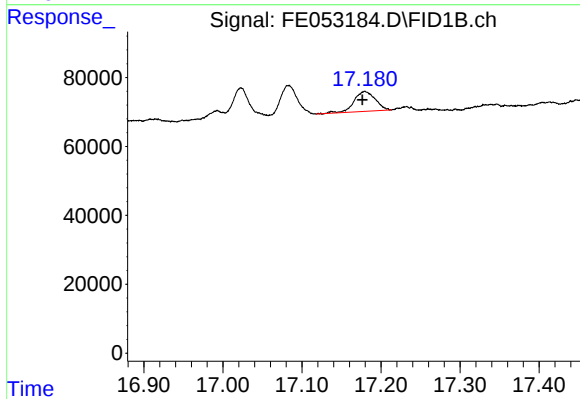
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 799085
Conc: 6.66 ug/ml



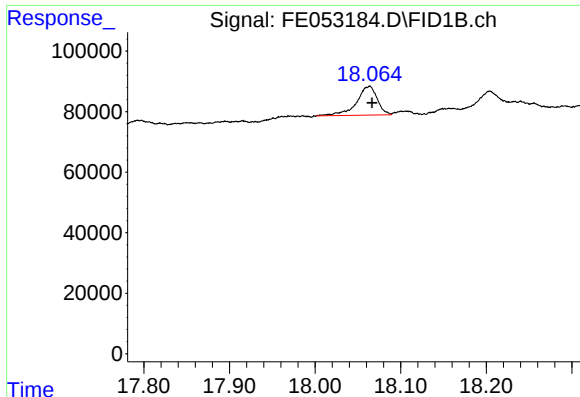
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.025 min
Response: 191669
Conc: 1.42 ug/ml



#16 n-Octacosane (C28)

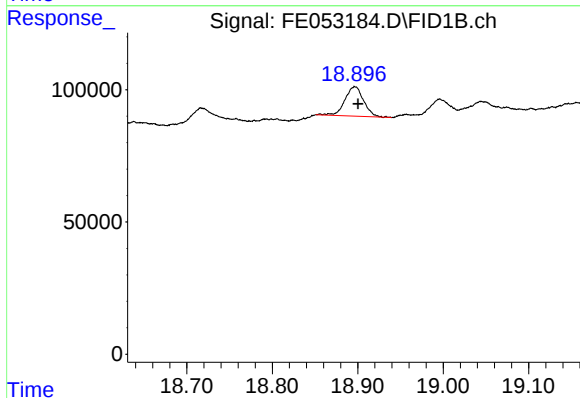
R.T.: 17.180 min
Delta R.T.: 0.003 min
Response: 107512
Conc: 0.81 ug/ml



#17 n-Tricontane (C30)

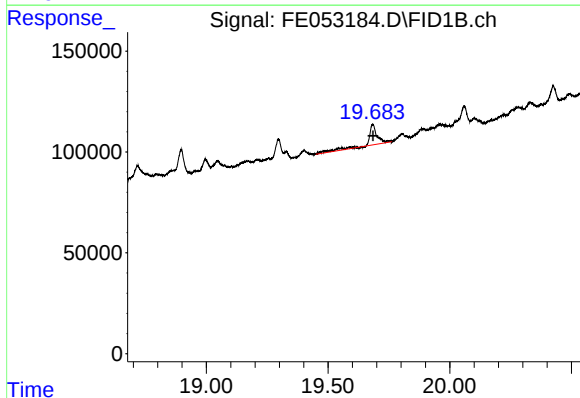
R.T.: 18.063 min
Delta R.T.: -0.004 min
Response: 160367
Conc: 1.18 ug/ml

Instrument :
FID_E
ClientSampleId :



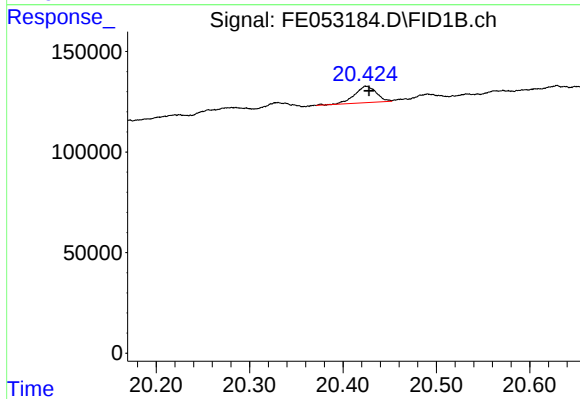
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.004 min
Response: 170466
Conc: 1.27 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 257847
Conc: 1.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 132308
Conc: 1.11 ug/ml