

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110425AL\
 Data File : FE056656.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2025 08:19
 Operator : YP\AJ
 Sample : Q3516-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 05 00:34:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.971	3105115	14.863 ug/ml
Spiked Amount 50.000		Recovery =	29.73%
12) S 1-chlorooctadecane (S...	13.410	2515579	15.613 ug/ml
Spiked Amount 50.000		Recovery =	31.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.585	122850	0.704 ug/ml
7) T n-Hexadecane (C16)	10.199	114652	0.627 ug/ml
8) T n-Octadecane (C18)	11.647	143504	0.758 ug/ml
10) T n-Eicosane (C20)	12.960	114723	0.616 ug/ml
14) T n-Tetracosane (C24)	15.271	327207	1.671 ug/ml
16) T n-Octacosane (C28)	17.186f	88795	0.459 ug/ml
17) T n-Tricontane (C30)	18.140	325796	1.625 ug/ml
18) T n-Dotriacontane (C32)	18.974	308207	1.567 ug/ml
19) T n-Tetratriacontane (C34)	19.759	170765	0.989 ug/ml
20) T n-Hexatriacontane (C36)	20.503	154561	1.068 ug/ml

(f)=RT Delta > 1/2 Window

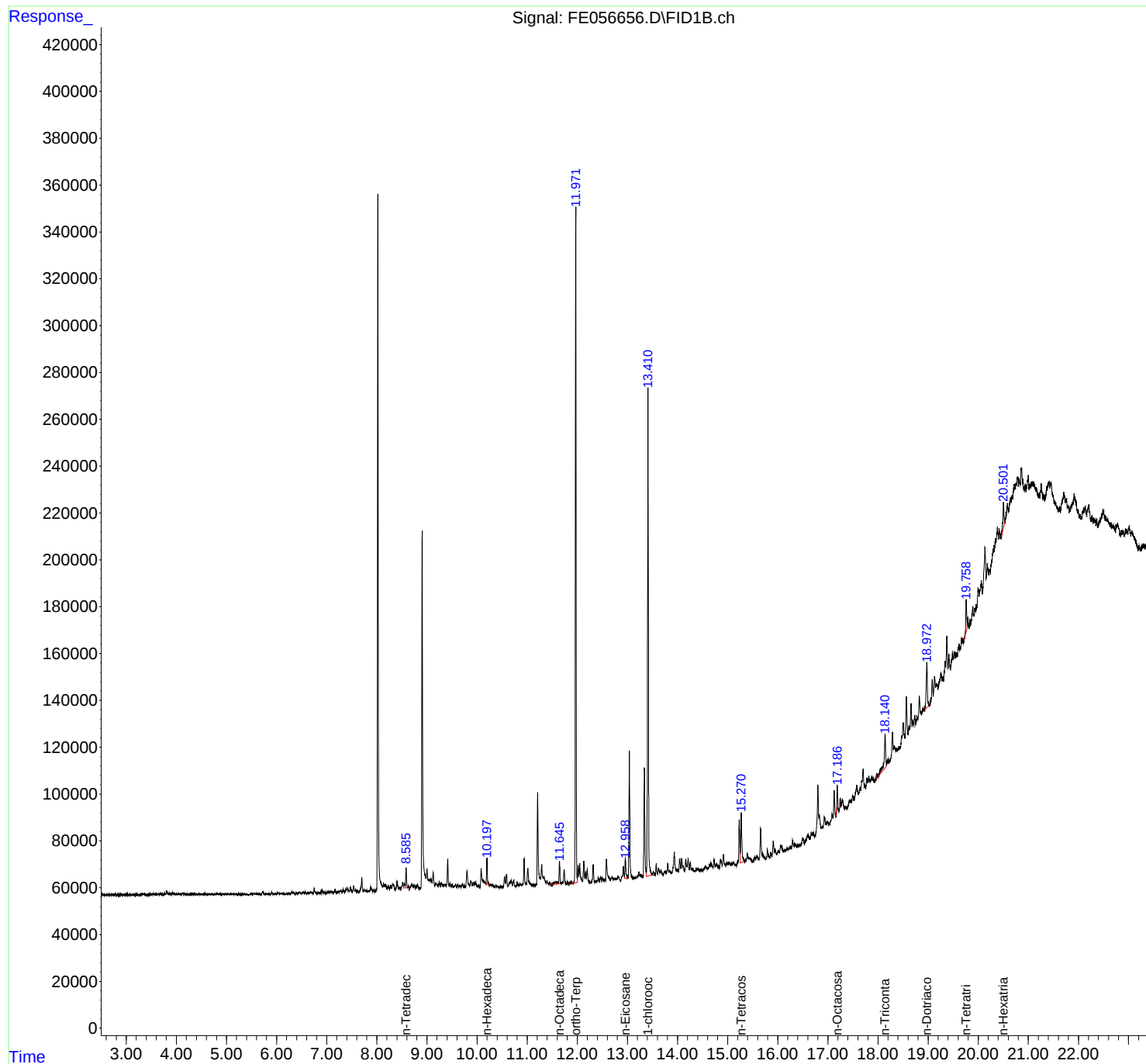
(m)=manual int.

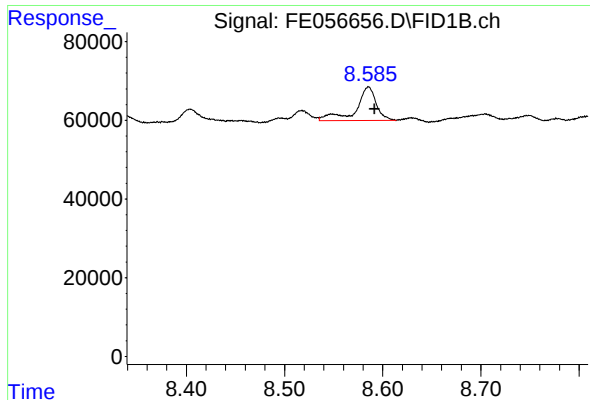
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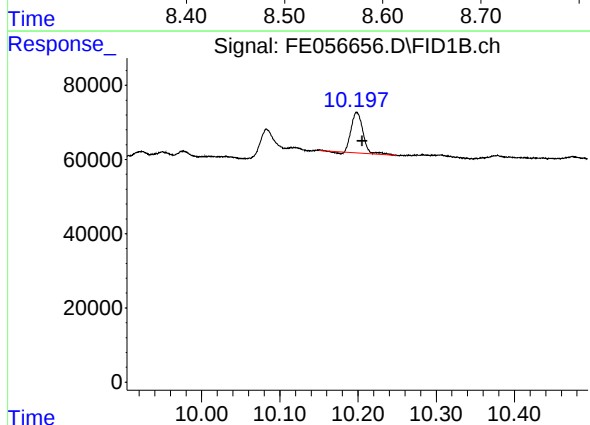




#6 n-Tetradecane (C14)

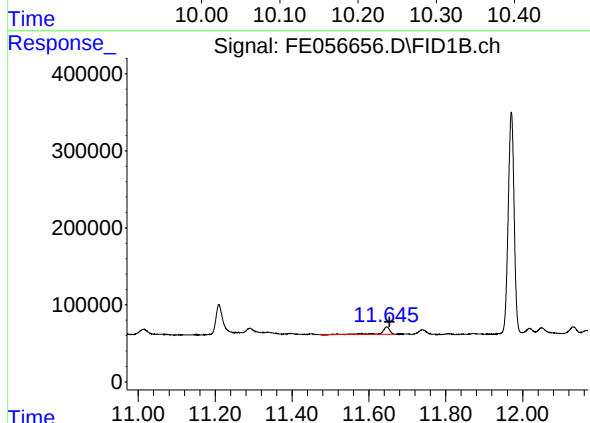
R.T.: 8.585 min
Delta R.T.: -0.006 min
Response: 122850
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



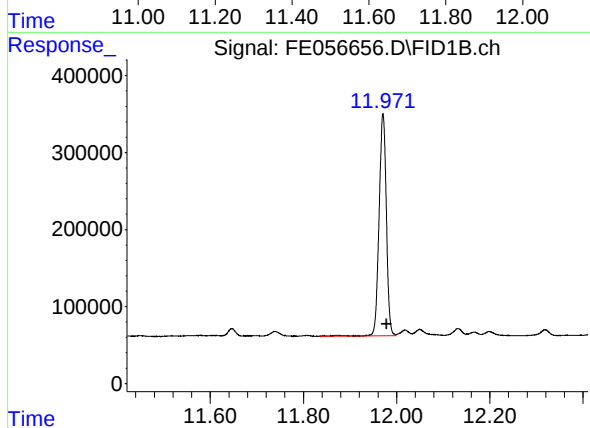
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.007 min
Response: 114652
Conc: 0.63 ug/ml



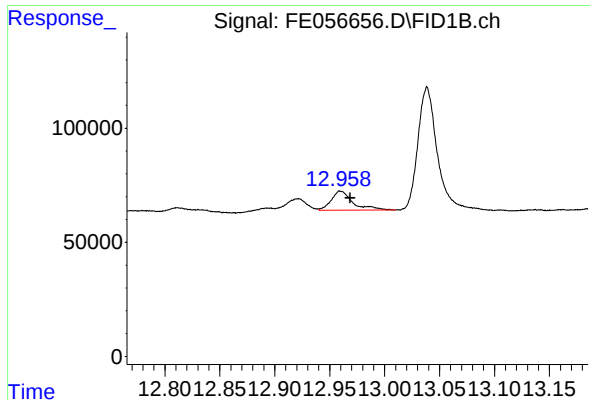
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.008 min
Response: 143504
Conc: 0.76 ug/ml



#9 ortho-Terphenyl (SURR)

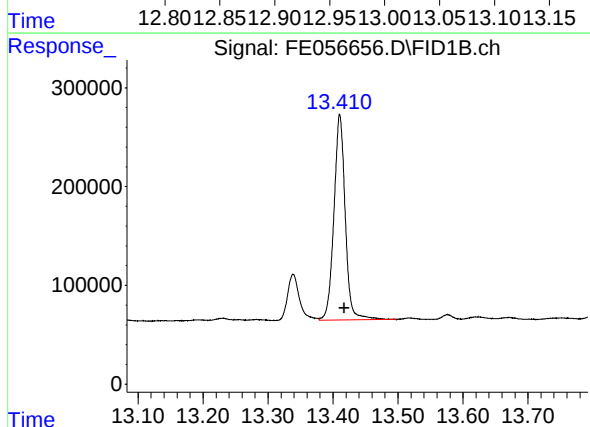
R.T.: 11.971 min
Delta R.T.: -0.008 min
Response: 3105115
Conc: 14.86 ug/ml



#10 n-Eicosane (C20)

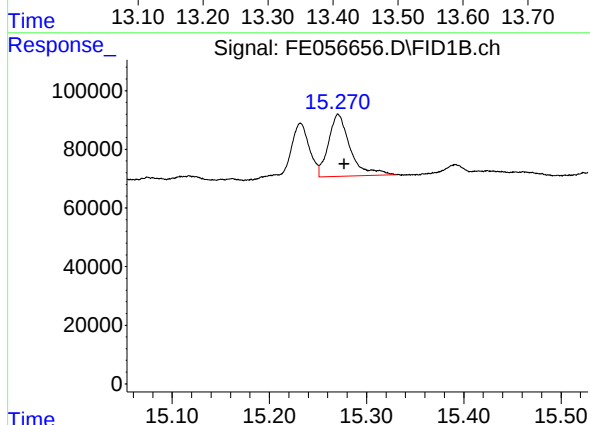
R.T.: 12.960 min
Delta R.T.: -0.009 min
Response: 114723
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



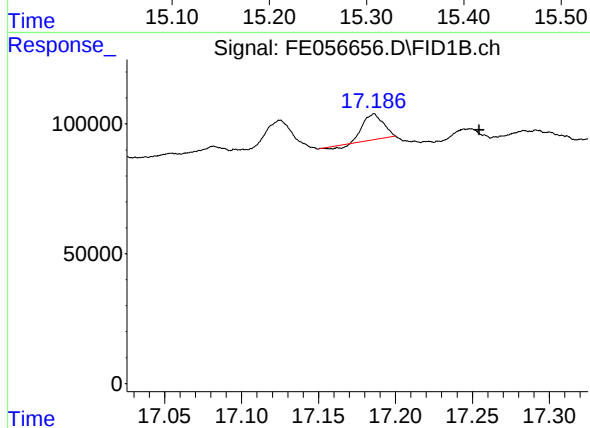
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.007 min
Response: 2515579
Conc: 15.61 ug/ml



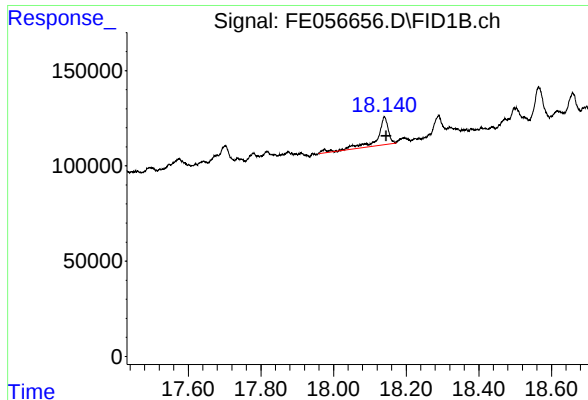
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.006 min
Response: 327207
Conc: 1.67 ug/ml



#16 n-Octacosane (C28)

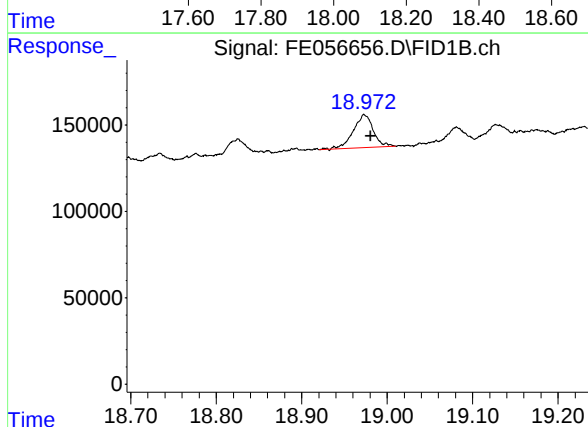
R.T.: 17.186 min
Delta R.T.: -0.069 min
Response: 88795
Conc: 0.46 ug/ml



#17 n-Tricontane (C30)

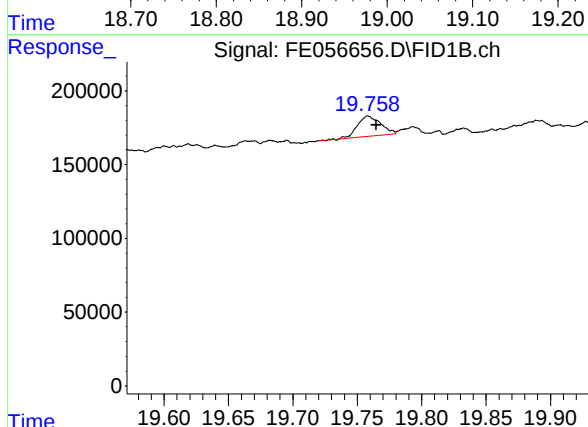
R.T.: 18.140 min
Delta R.T.: -0.005 min
Response: 325796
Conc: 1.62 ug/ml

Instrument :
FID_E
ClientSampleId :



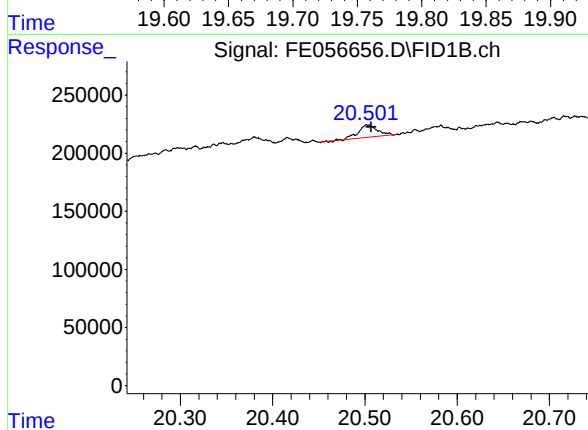
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.007 min
Response: 308207
Conc: 1.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: -0.006 min
Response: 170765
Conc: 0.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: -0.003 min
Response: 154561
Conc: 1.07 ug/ml