

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054870.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 08:50
 Operator : YP\AJ
 Sample : Q2597-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 16 12:22:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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	870406	5.360 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
12) S 1-chlorooctadecane (S...	13.520	569159	4.507 ug/ml
Spiked Amount 50.000		Recovery =	9.01%
Target Compounds			
6) T n-Tetradecane (C14)	8.703	26963	0.195 ug/ml
7) T n-Hexadecane (C16)	10.326	15829	0.111 ug/ml
8) T n-Octadecane (C18)	11.787	49496	0.338 ug/ml
10) T n-Eicosane (C20)	13.072	50673	0.352 ug/ml
11) T n-Heneicosane (C21)	13.738f	87343	0.612 ug/ml
13) T n-Docosane (C22)	14.298	111199	0.779 ug/ml
14) T n-Tetracosane (C24)	15.369	30300	0.208 ug/ml
16) T n-Octacosane (C28)	17.356	22988	0.158 ug/ml
17) T n-Tricontane (C30)	18.244	75621	0.480 ug/ml
18) T n-Dotriacontane (C32)	19.078	107491	0.664 ug/ml
19) T n-Tetratriacontane (C34)	19.863	109453	0.718 ug/ml
20) T n-Hexatriacontane (C36)	20.604	67762	0.504 ug/ml
21) T n-Octatriacontane (C38)	21.385	175698	1.498 ug/ml

(f)=RT Delta > 1/2 Window

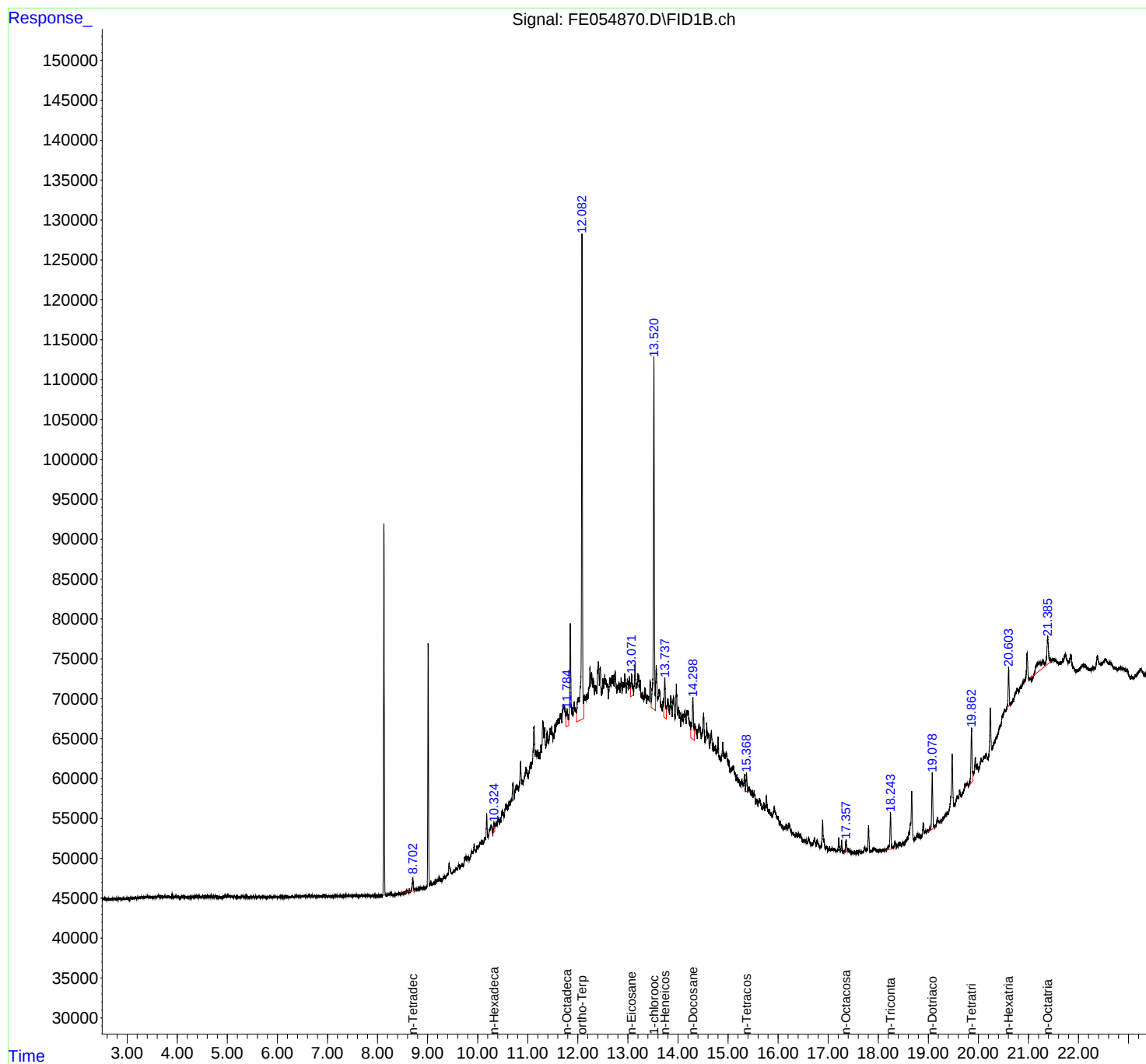
(m)=manual int.

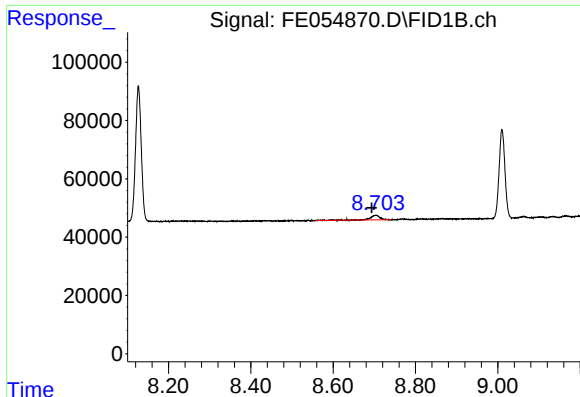
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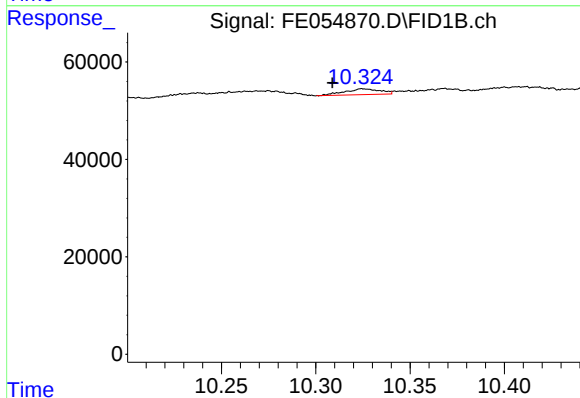




#6 n-Tetradecane (C14)

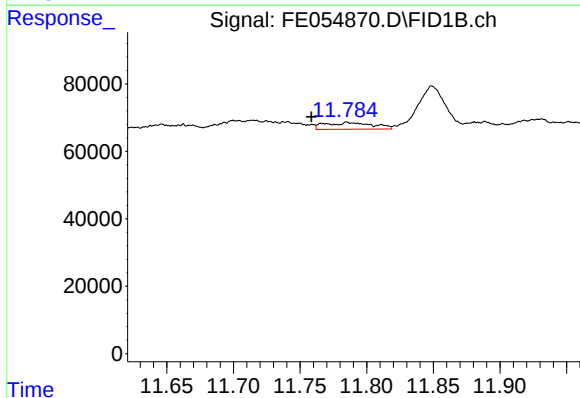
R.T.: 8.703 min
Delta R.T.: 0.010 min
Response: 26963
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



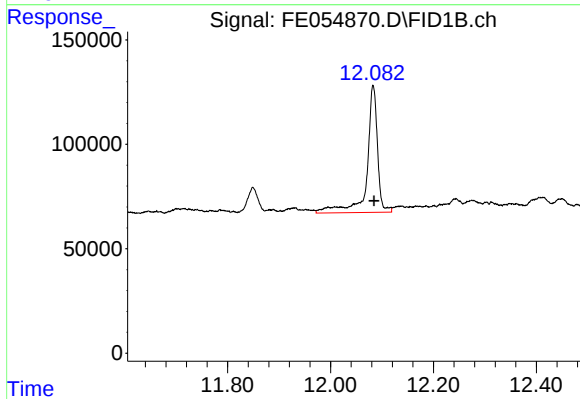
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.017 min
Response: 15829
Conc: 0.11 ug/ml



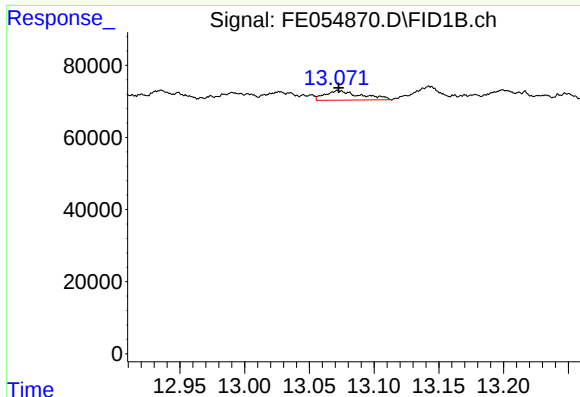
#8 n-Octadecane (C18)

R.T.: 11.787 min
Delta R.T.: 0.028 min
Response: 49496
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURR)

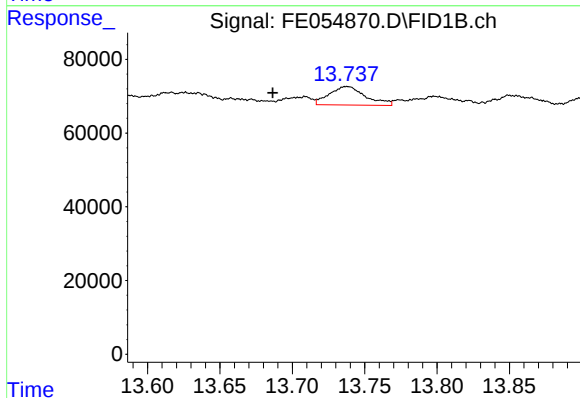
R.T.: 12.083 min
Delta R.T.: -0.002 min
Response: 870406
Conc: 5.36 ug/ml



#10 n-Eicosane (C20)

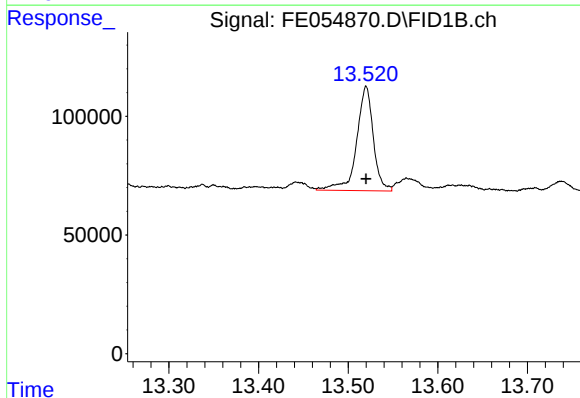
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 50673
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



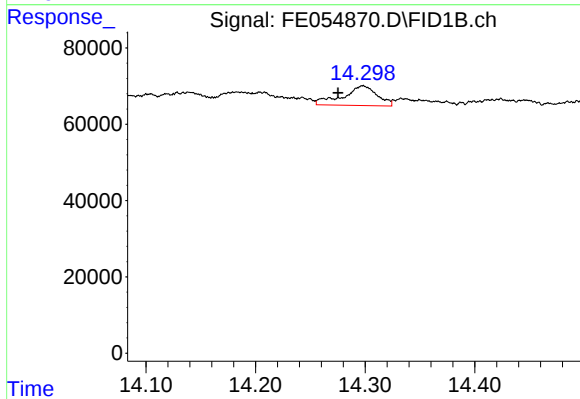
#11 n-Heneicosane (C21)

R.T.: 13.738 min
Delta R.T.: 0.051 min
Response: 87343
Conc: 0.61 ug/ml



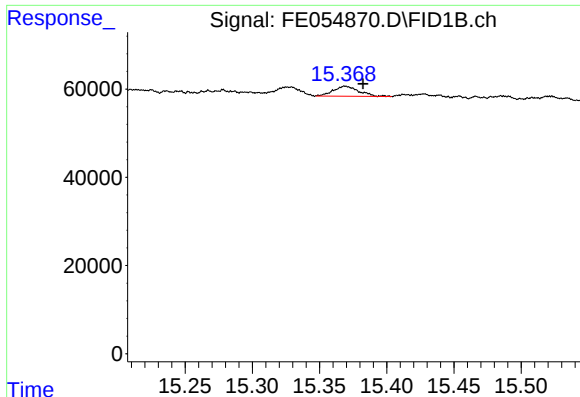
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 569159
Conc: 4.51 ug/ml



#13 n-Docosane (C22)

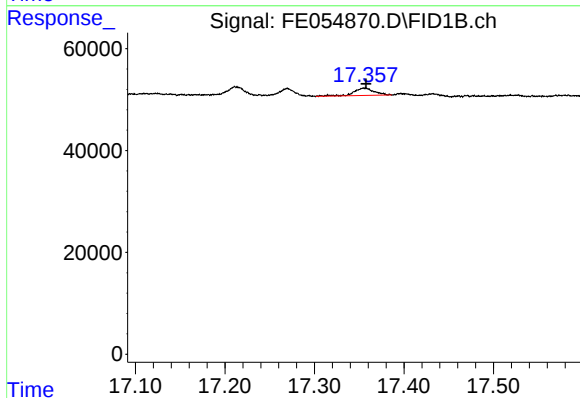
R.T.: 14.298 min
Delta R.T.: 0.023 min
Response: 111199
Conc: 0.78 ug/ml



#14 n-Tetracosane (C24)

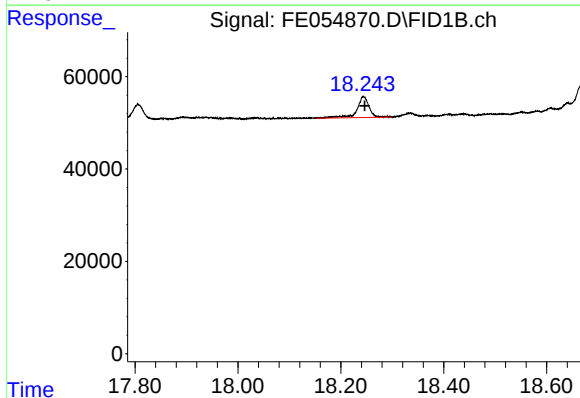
R.T.: 15.369 min
Delta R.T.: -0.013 min
Response: 30300
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



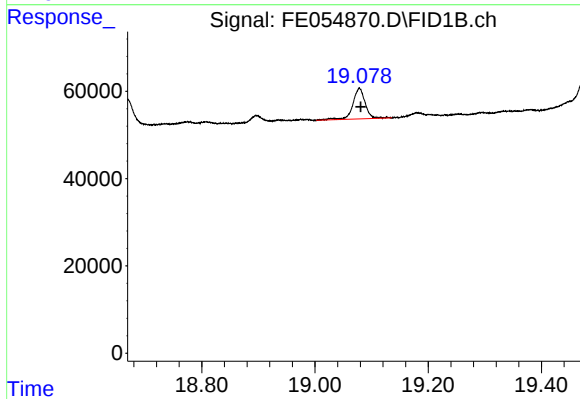
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 22988
Conc: 0.16 ug/ml



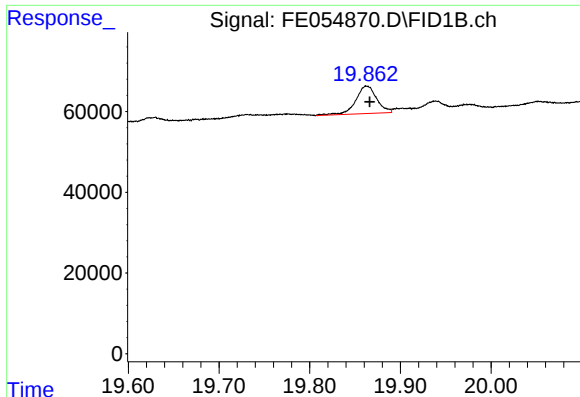
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.002 min
Response: 75621
Conc: 0.48 ug/ml



#18 n-Dotriacontane (C32)

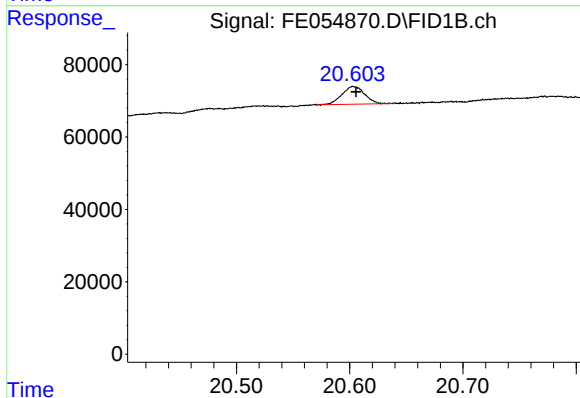
R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 107491
Conc: 0.66 ug/ml



#19 n-Tetratriacontane (C34)

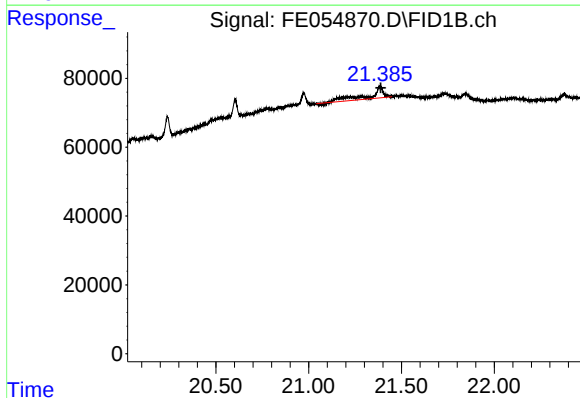
R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 109453
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.002 min
Response: 67762
Conc: 0.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 175698
Conc: 1.50 ug/ml