

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054981.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 10:50
 Operator : YP\AJ
 Sample : Q2658-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 04:30:32 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)	12.087	3532879	21.755 ug/ml
Spiked Amount 50.000		Recovery =	43.51%
12) S 1-chlorooctadecane (S...	13.523	2398355	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
7) T n-Hexadecane (C16)	10.311	29491	0.207 ug/ml
8) T n-Octadecane (C18)	11.758	210235	1.435 ug/ml
10) T n-Eicosane (C20)	13.075	230410	1.602 ug/ml
11) T n-Heneicosane (C21)	13.688	123639	0.866 ug/ml
13) T n-Docosane (C22)	14.274	142317	0.997 ug/ml
14) T n-Tetracosane (C24)	15.380	98093	0.675 ug/ml
15) T n-Hexacosane (C26)	16.404	59632	0.412 ug/ml
16) T n-Octacosane (C28)	17.355	84476	0.580 ug/ml
17) T n-Tricontane (C30)	18.244	106995	0.679 ug/ml
18) T n-Dotriacontane (C32)	19.078	142579	0.881 ug/ml
19) T n-Tetratriacontane (C34)	19.863	94969	0.623 ug/ml
20) T n-Hexatriacontane (C36)	20.606	72168	0.537 ug/ml
21) T n-Octatriacontane (C38)	21.385	131449	1.121 ug/ml

(f)=RT Delta > 1/2 Window

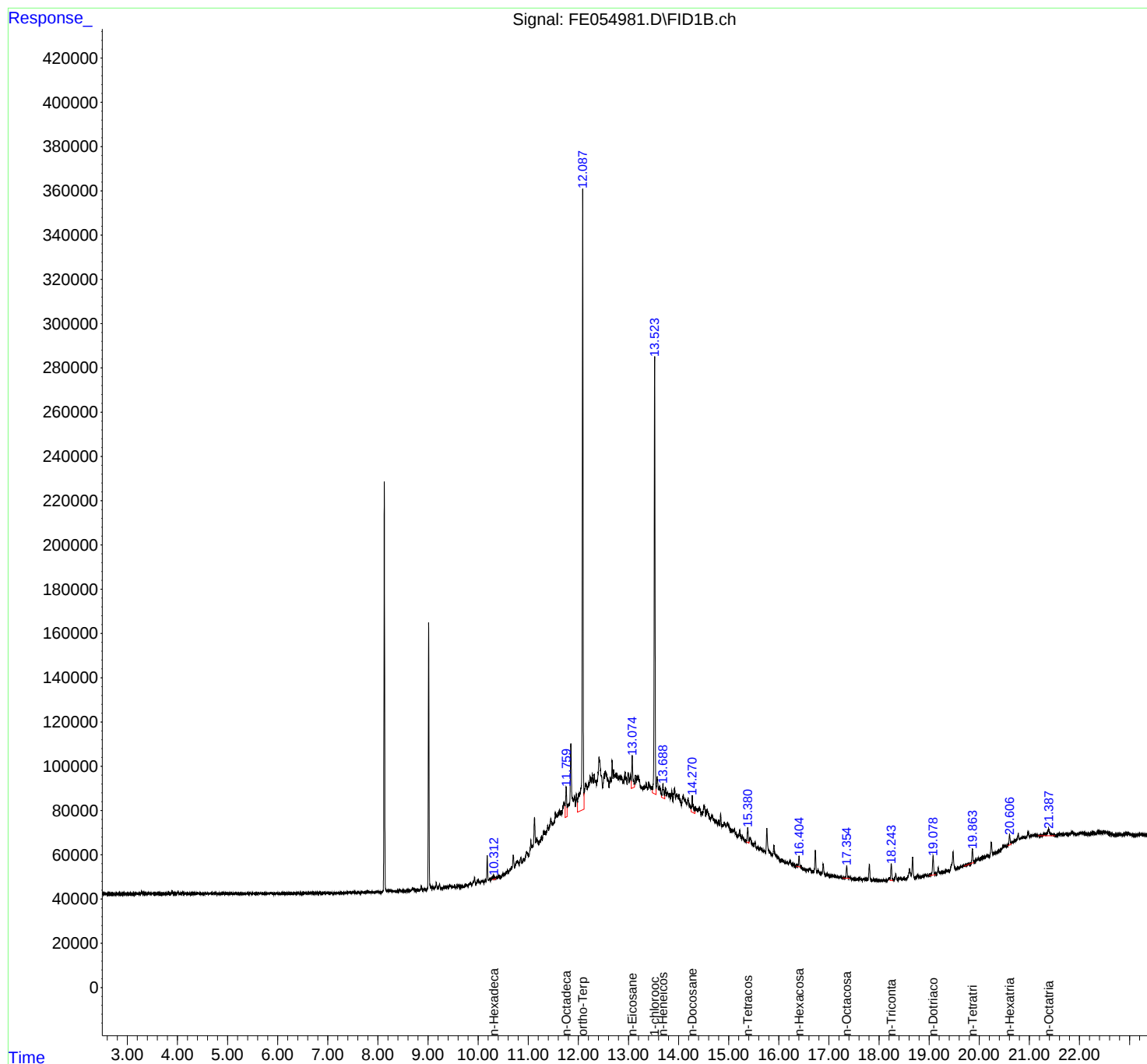
(m)=manual int.

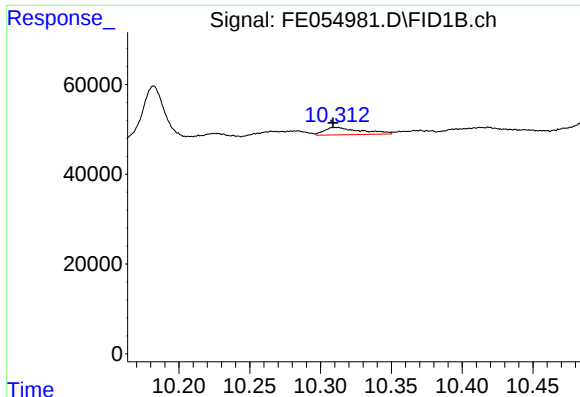
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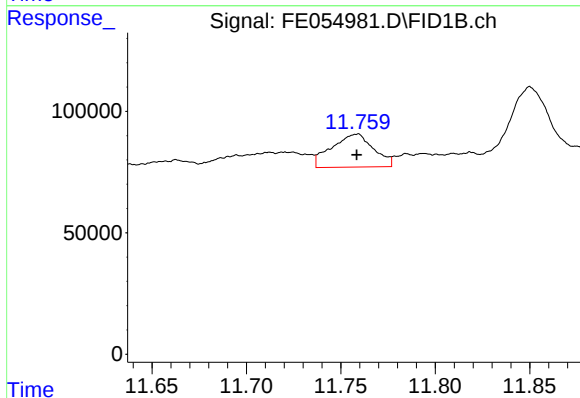




#7 n-Hexadecane (C16)

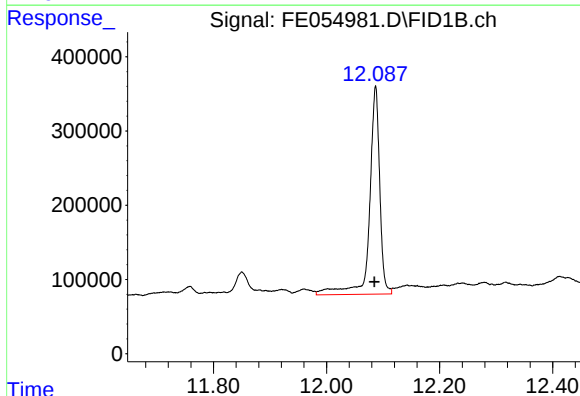
R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 29491
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



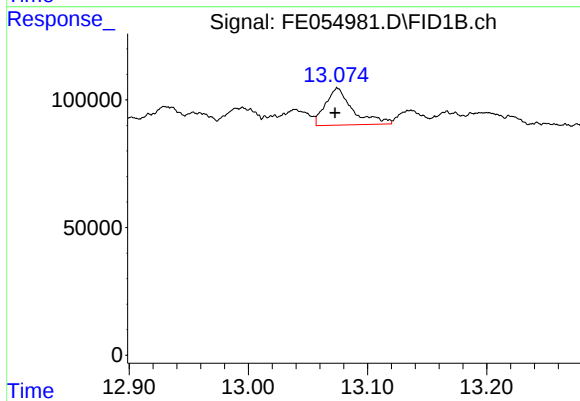
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 210235
Conc: 1.43 ug/ml



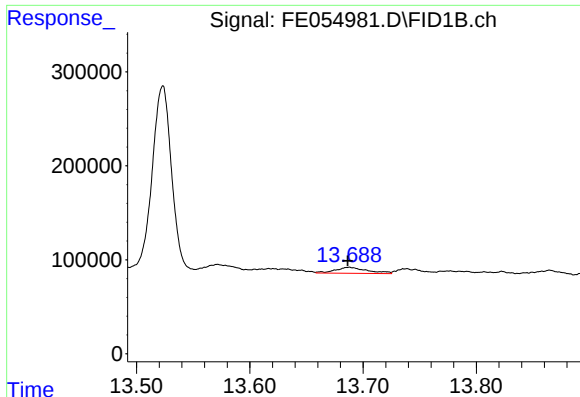
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 3532879
Conc: 21.76 ug/ml



#10 n-Eicosane (C20)

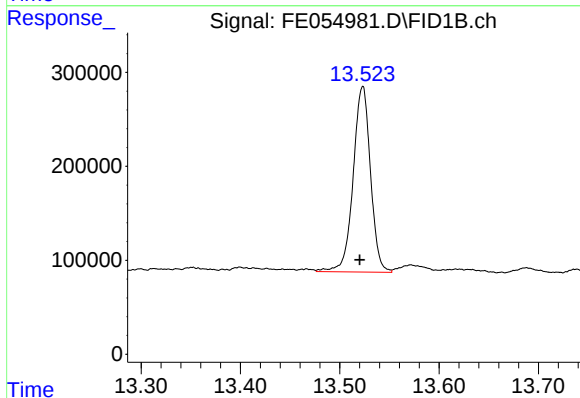
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 230410
Conc: 1.60 ug/ml



#11 n-Heneicosane (C21)

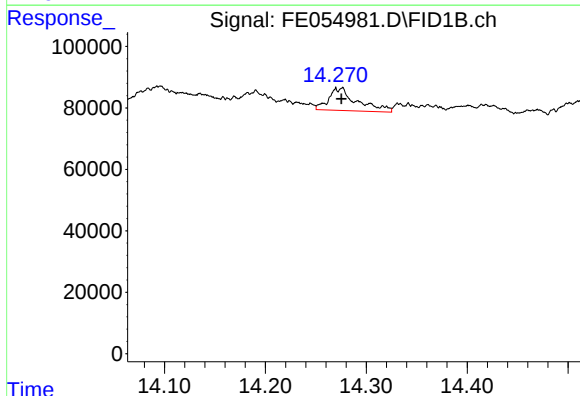
R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 123639
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



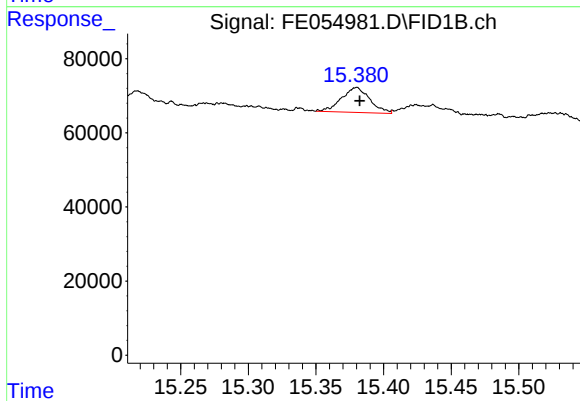
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 2398355
Conc: 18.99 ug/ml



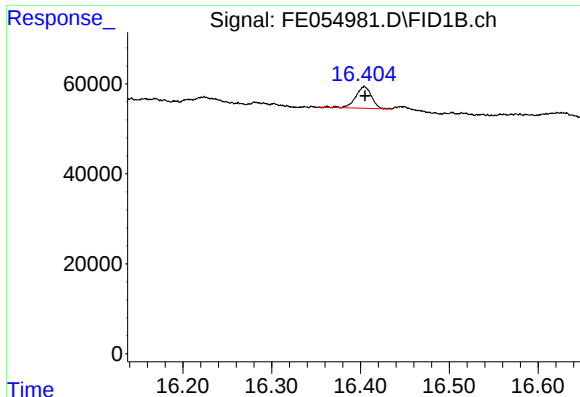
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 142317
Conc: 1.00 ug/ml



#14 n-Tetracosane (C24)

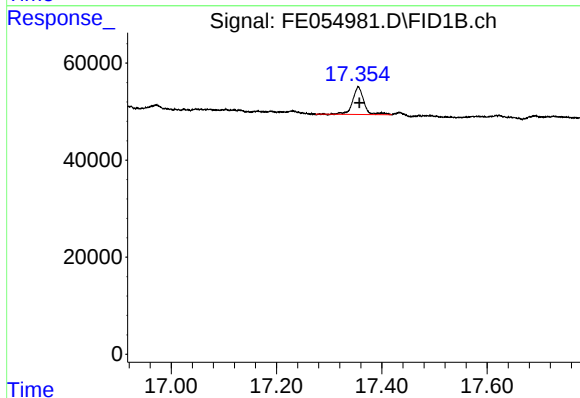
R.T.: 15.380 min
Delta R.T.: -0.003 min
Response: 98093
Conc: 0.67 ug/ml



#15 n-Hexacosane (C26)

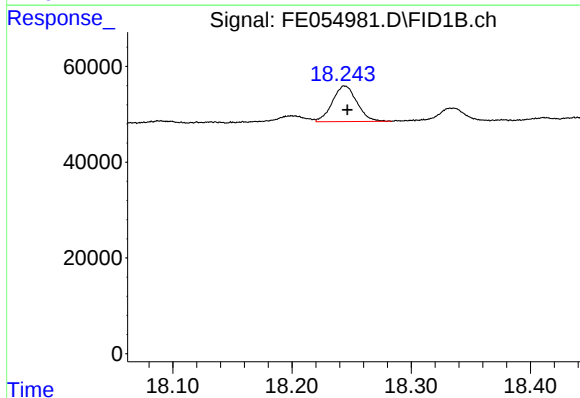
R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 59632
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



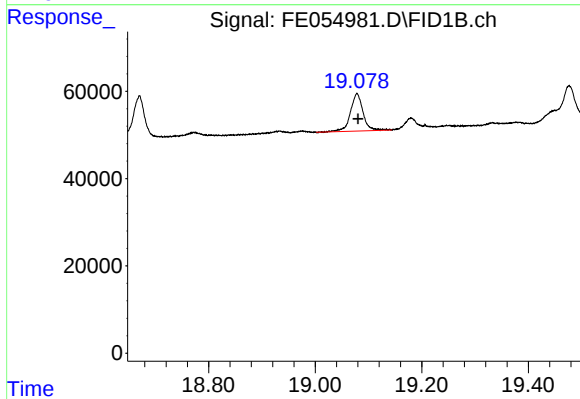
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 84476
Conc: 0.58 ug/ml



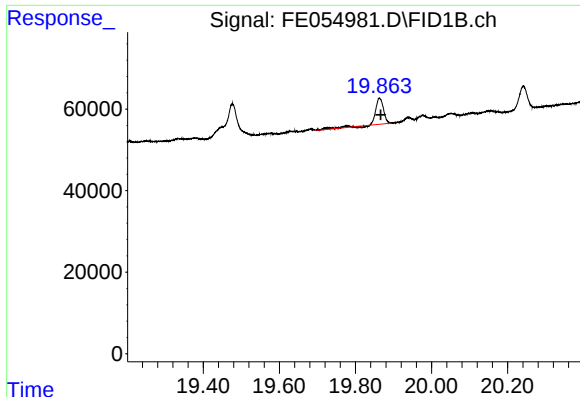
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.002 min
Response: 106995
Conc: 0.68 ug/ml



#18 n-Dotriacontane (C32)

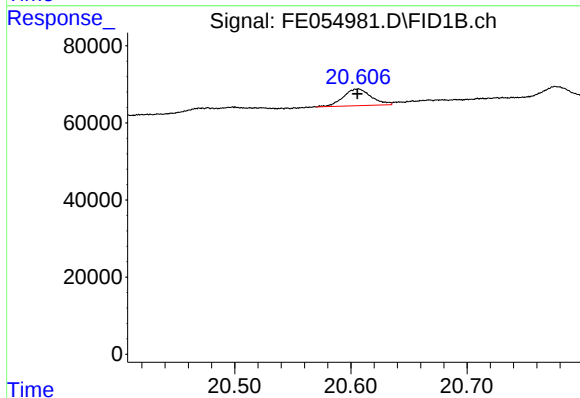
R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 142579
Conc: 0.88 ug/ml



#19 n-Tetratriacontane (C34)

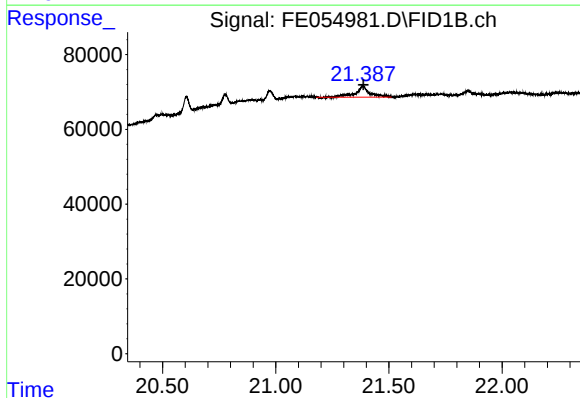
R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 94969
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 72168
Conc: 0.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 131449
Conc: 1.12 ug/ml