

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054937.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 13:31
 Operator : YP\AJ
 Sample : PB168930BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168930BL

Integration File: autoint1.e
 Quant Time: Jul 22 01:28:19 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)	12.095	5726422	35.263 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
12) S 1-chlorooctadecane (S...	13.530	4471274	35.404 ug/ml
Spiked Amount 50.000		Recovery =	70.81%
Target Compounds			
8) T n-Octadecane (C18)	11.694f	18288	0.125 ug/ml
10) T n-Eicosane (C20)	13.075	70537	0.491 ug/ml
11) T n-Heneicosane (C21)	13.693	75053	0.525 ug/ml
13) T n-Docosane (C22)	14.281	59599	0.417 ug/ml
14) T n-Tetracosane (C24)	15.383	76324	0.525 ug/ml
15) T n-Hexacosane (C26)	16.412	47662	0.329 ug/ml
16) T n-Octacosane (C28)	17.365	100288	0.688 ug/ml
17) T n-Tricontane (C30)	18.254	214453	1.361 ug/ml
18) T n-Dotriacontane (C32)	19.088	218685	1.352 ug/ml
19) T n-Tetratriacontane (C34)	19.874	247551	1.624 ug/ml
20) T n-Hexatriacontane (C36)	20.615	95415	0.710 ug/ml
21) T n-Octatriacontane (C38)	21.399	58759	0.501 ug/ml

(f)=RT Delta > 1/2 Window

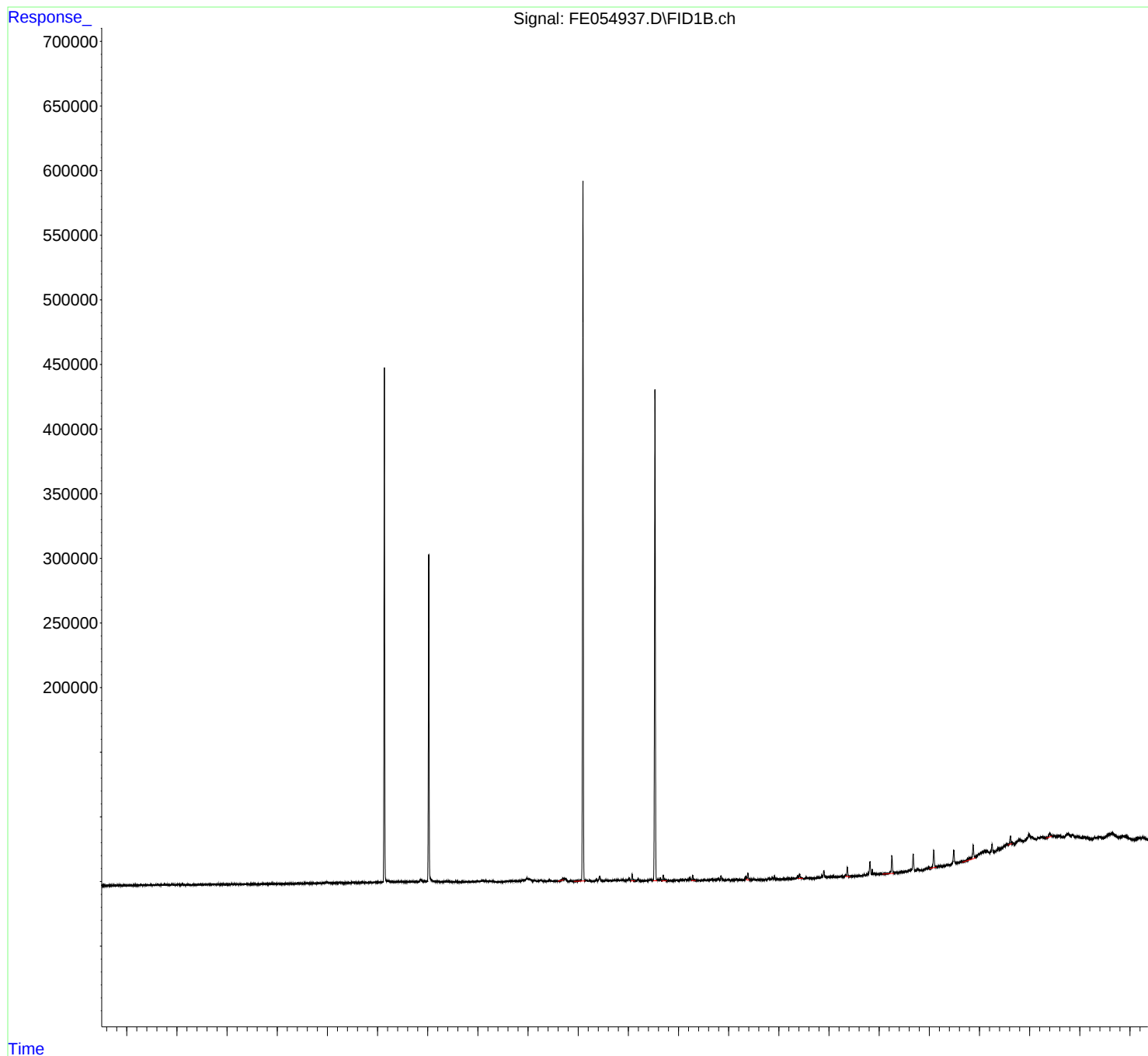
(m)=manual int.

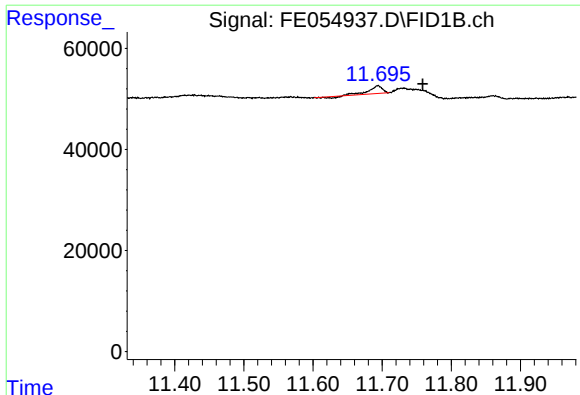
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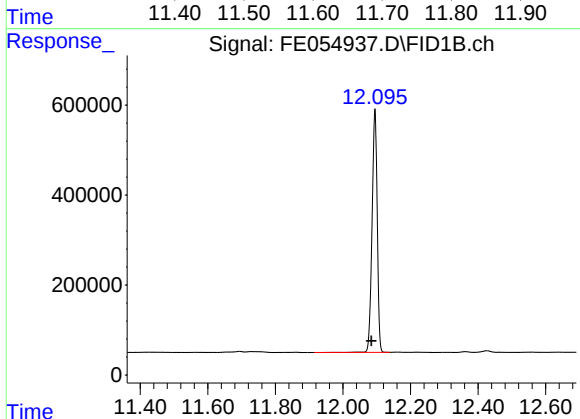




#8 n-Octadecane (C18)

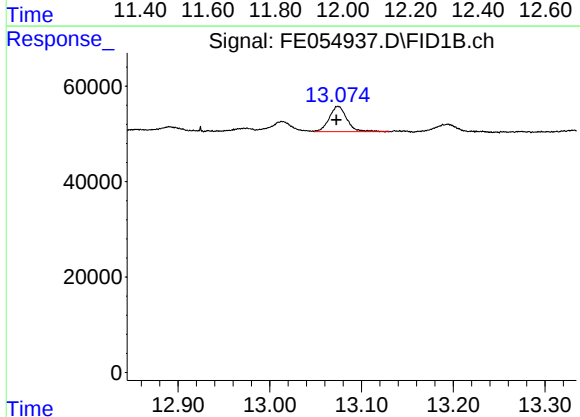
R.T.: 11.694 min
Delta R.T.: -0.064 min
Response: 18288
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BL



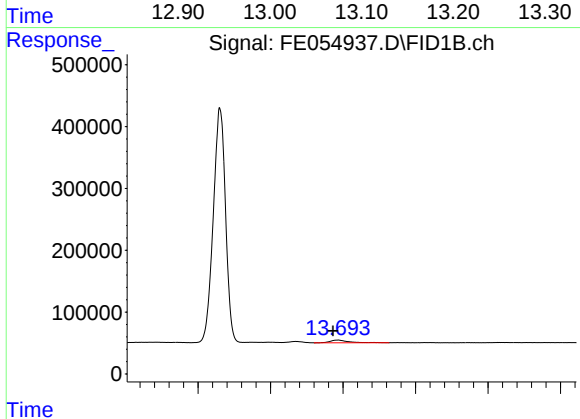
#9 ortho-Terphenyl (SURR)

R.T.: 12.095 min
Delta R.T.: 0.010 min
Response: 5726422
Conc: 35.26 ug/ml



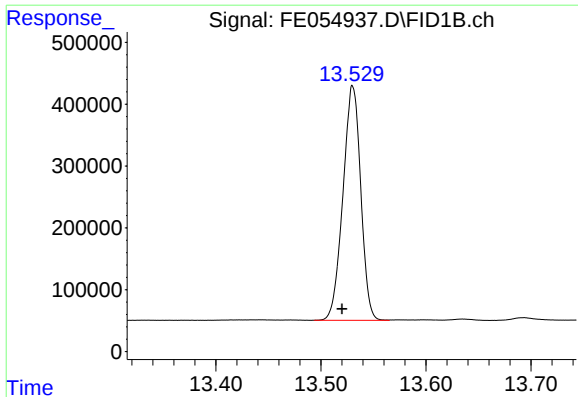
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 70537
Conc: 0.49 ug/ml



#11 n-Heneicosane (C21)

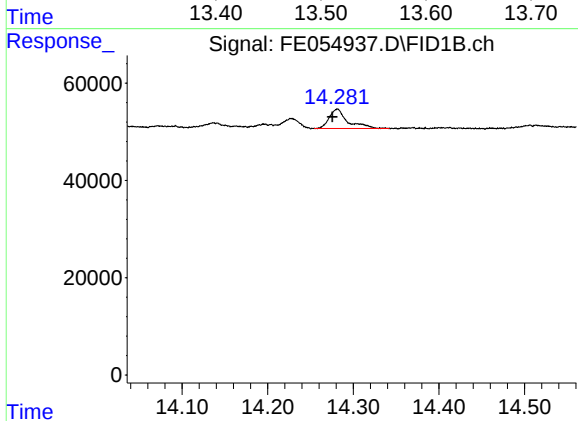
R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 75053
Conc: 0.53 ug/ml



#12 1-chlorooctadecane (SURR)

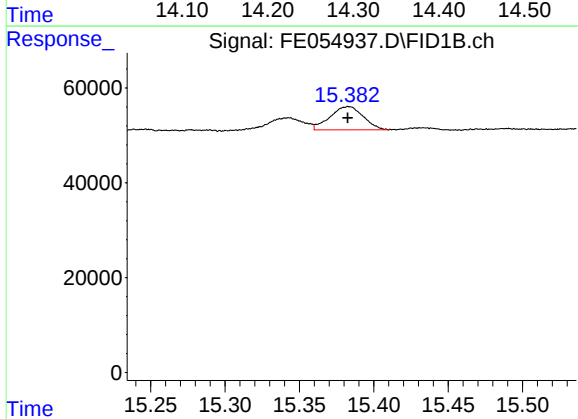
R.T.: 13.530 min
Delta R.T.: 0.010 min
Response: 4471274
Conc: 35.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BL



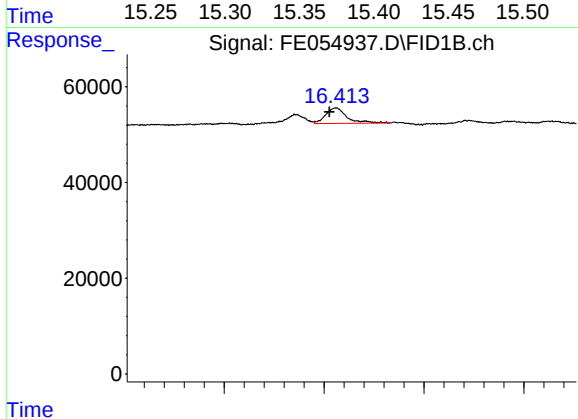
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 59599
Conc: 0.42 ug/ml



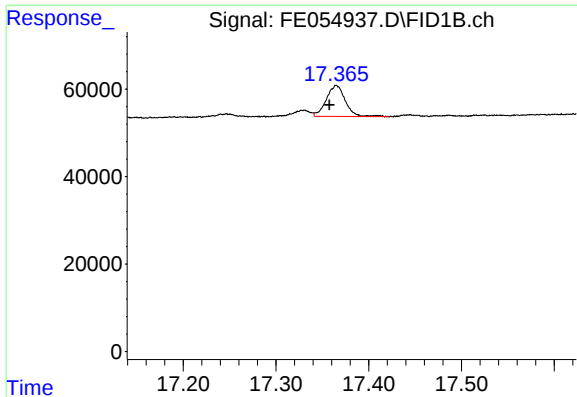
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 76324
Conc: 0.53 ug/ml



#15 n-Hexacosane (C26)

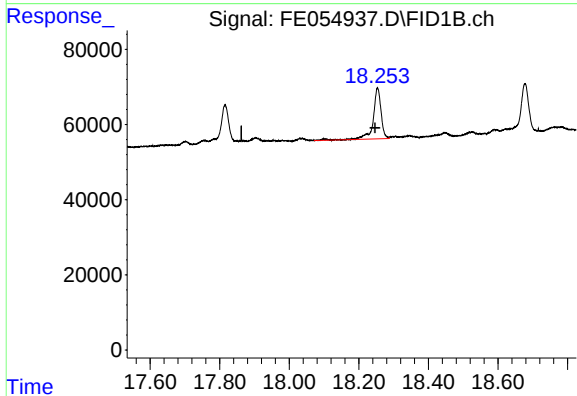
R.T.: 16.412 min
Delta R.T.: 0.006 min
Response: 47662
Conc: 0.33 ug/ml



#16 n-Octacosane (C28)

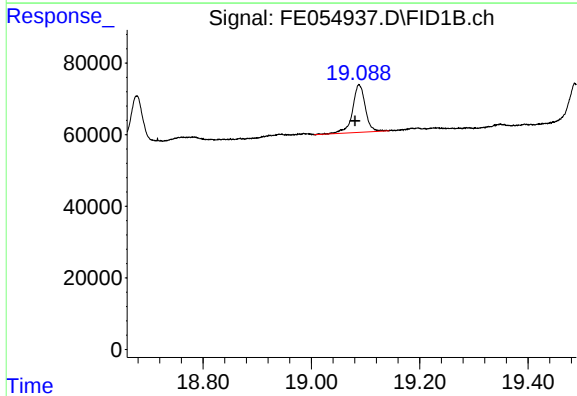
R.T.: 17.365 min
Delta R.T.: 0.007 min
Response: 100288
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BL



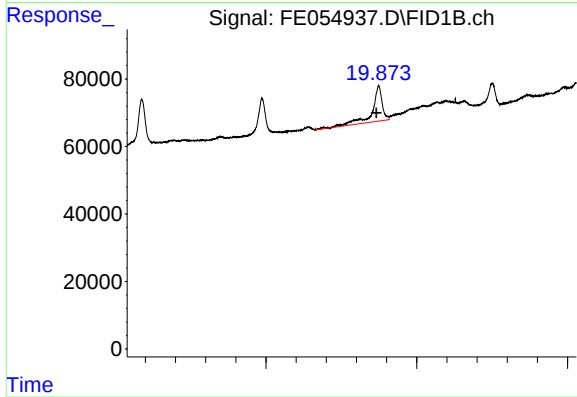
#17 n-Tricontane (C30)

R.T.: 18.254 min
Delta R.T.: 0.007 min
Response: 214453
Conc: 1.36 ug/ml



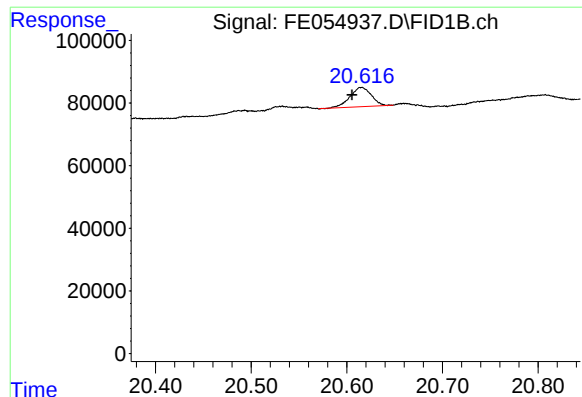
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.008 min
Response: 218685
Conc: 1.35 ug/ml



#19 n-Tetratriacontane (C34)

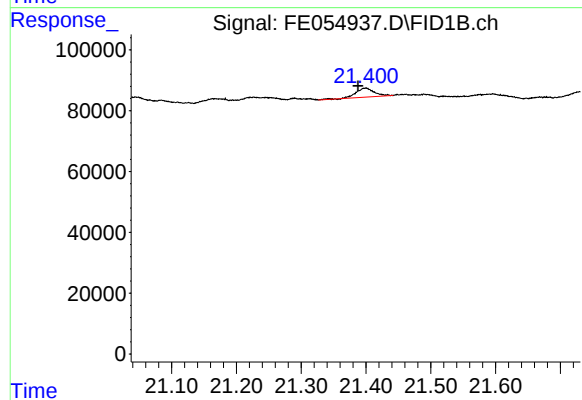
R.T.: 19.874 min
Delta R.T.: 0.007 min
Response: 247551
Conc: 1.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.615 min
Delta R.T.: 0.010 min
Response: 95415
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BL



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: 0.011 min
Response: 58759
Conc: 0.50 ug/ml