

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054780.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 14:49
 Operator : YP\AJ
 Sample : PB168786BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168786BL

Integration File: autoint1.e
 Quant Time: Jul 11 05:15:12 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	5888950	36.263 ug/ml
Spiked Amount 50.000		Recovery =	72.53%
12) S 1-chlorooctadecane (S...	13.519	4627568	36.641 ug/ml
Spiked Amount 50.000		Recovery =	73.28%
Target Compounds			
10) T n-Eicosane (C20)	13.065	61761	0.430 ug/ml
11) T n-Heneicosane (C21)	13.686	62411	0.437 ug/ml
13) T n-Docosane (C22)	14.269	40186	0.281 ug/ml
14) T n-Tetracosane (C24)	15.372	45388	0.312 ug/ml
15) T n-Hexacosane (C26)	16.400	25905	0.179 ug/ml
16) T n-Octacosane (C28)	17.352	66749	0.458 ug/ml
17) T n-Tricontane (C30)	18.242	128779	0.817 ug/ml
18) T n-Dotriacontane (C32)	19.076	167092	1.033 ug/ml
19) T n-Tetratriacontane (C34)	19.860	110645	0.726 ug/ml
20) T n-Hexatriacontane (C36)	20.602	179710	1.337 ug/ml
21) T n-Octatriacontane (C38)	21.380	328060	2.797 ug/ml
22) T n-Tetracontane (C40)	22.369	202664	1.870 ug/ml

(f)=RT Delta > 1/2 Window

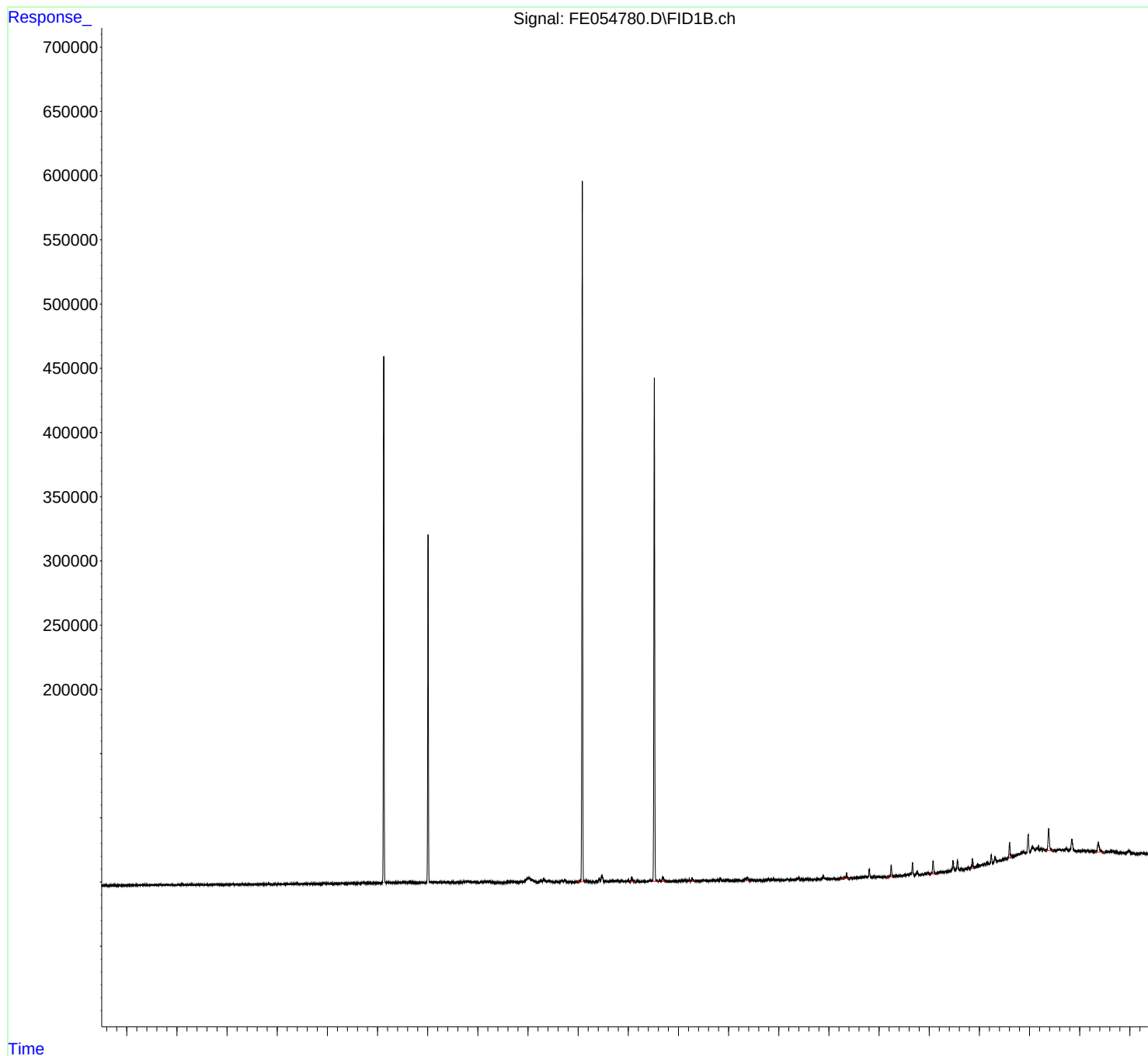
(m)=manual int.

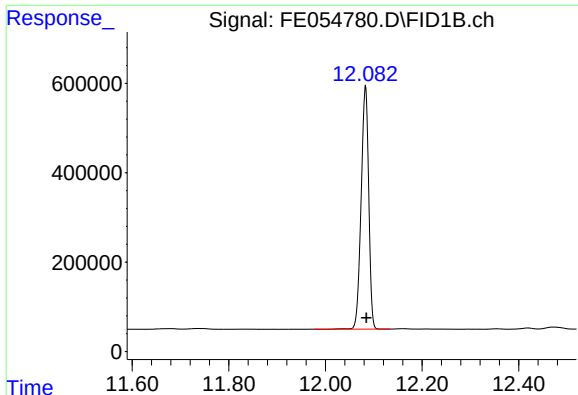
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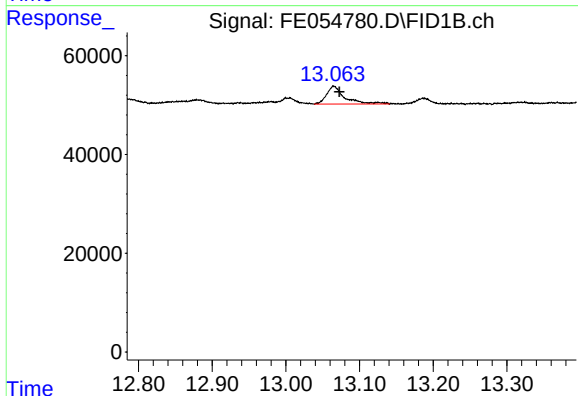




#9 ortho-Terphenyl (SURR)

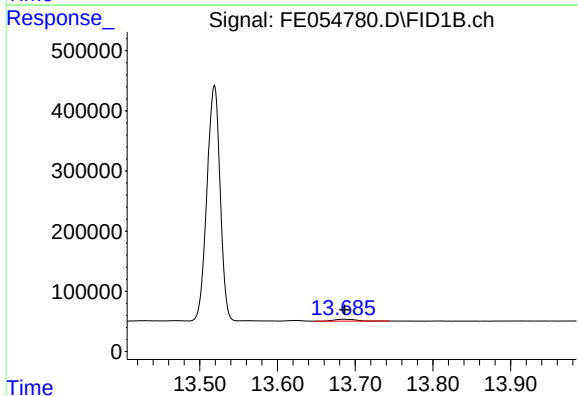
R.T.: 12.083 min
Delta R.T.: -0.002 min
Response: 5888950
Conc: 36.26 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168786BL



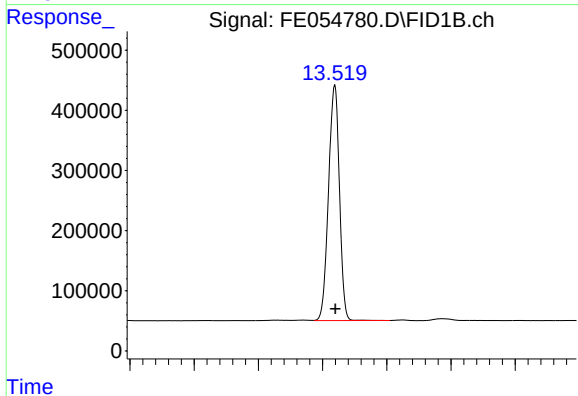
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 61761
Conc: 0.43 ug/ml



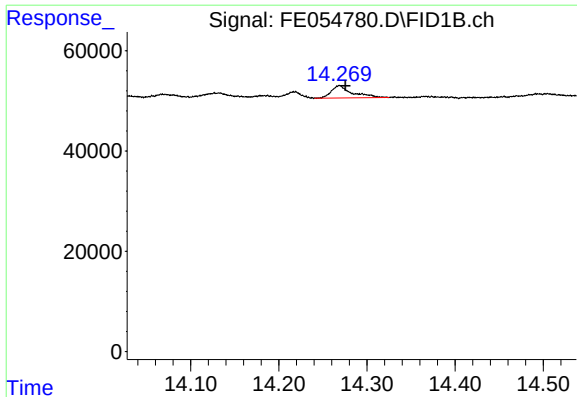
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 62411
Conc: 0.44 ug/ml



#12 1-chlorooctadecane (SURR)

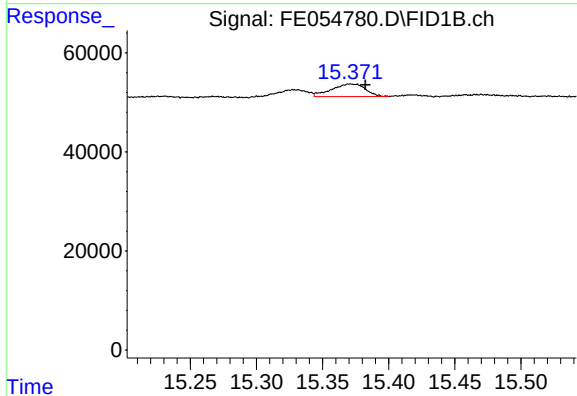
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 4627568
Conc: 36.64 ug/ml



#13 n-Docosane (C22)

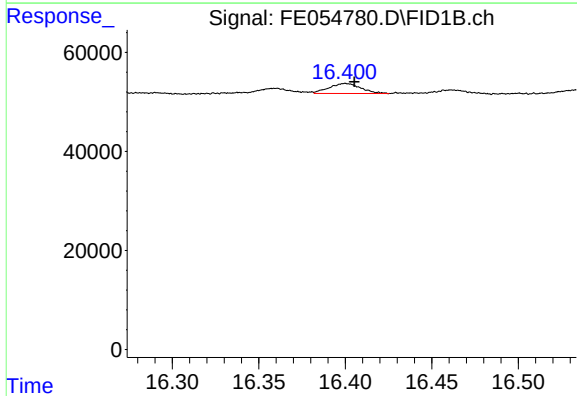
R.T.: 14.269 min
Delta R.T.: -0.007 min
Response: 40186
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168786BL



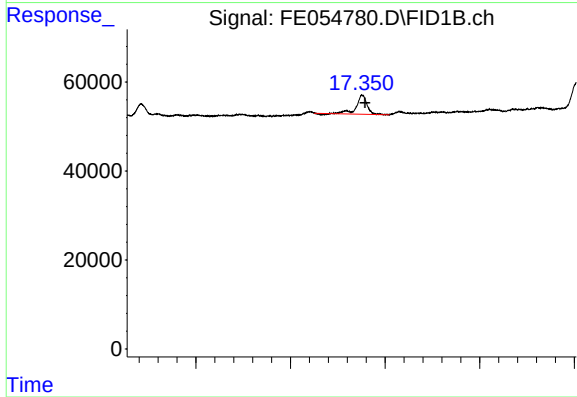
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 45388
Conc: 0.31 ug/ml



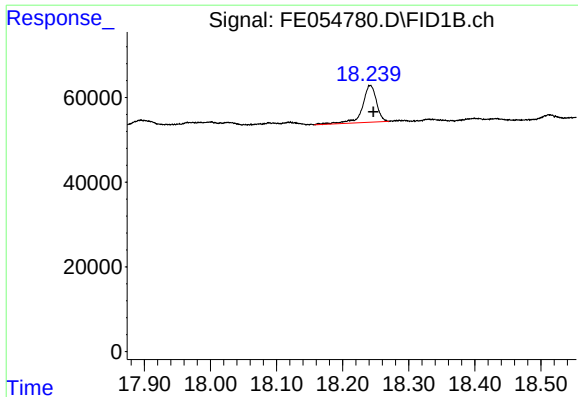
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 25905
Conc: 0.18 ug/ml



#16 n-Octacosane (C28)

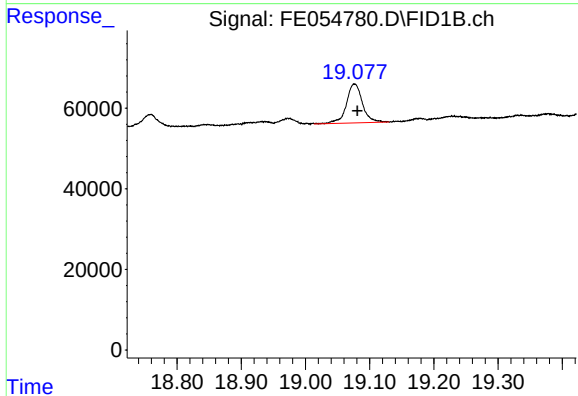
R.T.: 17.352 min
Delta R.T.: -0.006 min
Response: 66749
Conc: 0.46 ug/ml



#17 n-Tricontane (C30)

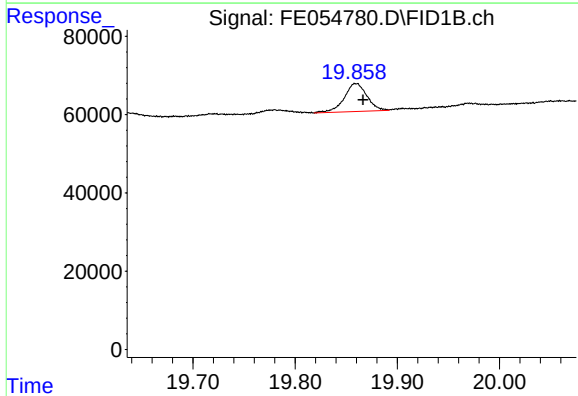
R.T.: 18.242 min
Delta R.T.: -0.005 min
Response: 128779
Conc: 0.82 ug/ml

Instrument :
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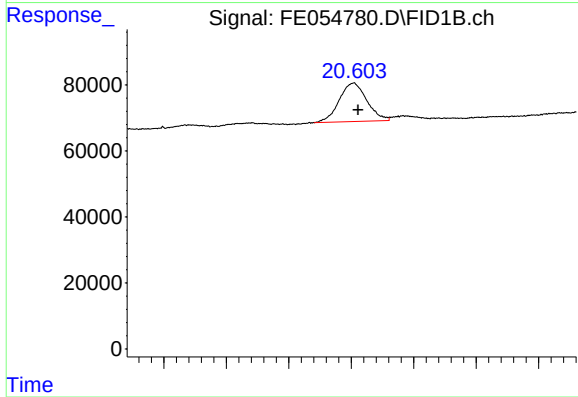
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.004 min
Response: 167092
Conc: 1.03 ug/ml



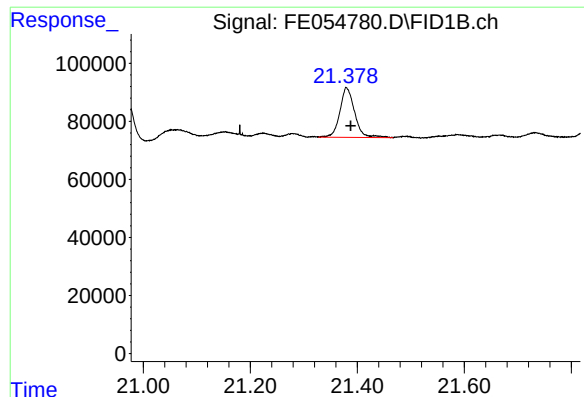
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: -0.007 min
Response: 110645
Conc: 0.73 ug/ml



#20 n-Hexatriacontane (C36)

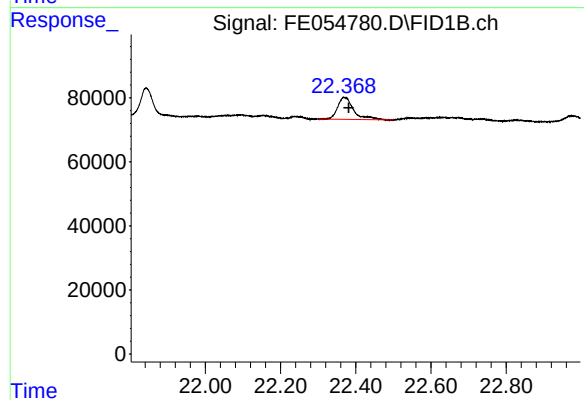
R.T.: 20.602 min
Delta R.T.: -0.004 min
Response: 179710
Conc: 1.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.008 min
Response: 328060
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: -0.011 min
Response: 202664
Conc: 1.87 ug/ml