

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054164.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 21:27
 Operator : YP\AJ
 Sample : Q2179-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 D5

Integration File: autoint1.e
 Quant Time: Jun 04 02:55:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.837	4492472	27.644 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
12) S 1-chlorooctadecane (S...	13.282	3574630	30.153 ug/ml
Spiked Amount 50.000		Recovery =	60.31%
Target Compounds			
6) T n-Tetradecane (C14)	8.465	44754	0.332 ug/ml
7) T n-Hexadecane (C16)	10.076	48881	0.362 ug/ml
8) T n-Octadecane (C18)	11.522	36749	0.273 ug/ml
10) T n-Eicosane (C20)	12.835	55455	0.422 ug/ml
11) T n-Heneicosane (C21)	13.450	48004	0.370 ug/ml
13) T n-Docosane (C22)	14.036	26290	0.206 ug/ml
14) T n-Tetracosane (C24)	15.139	165937	1.326 ug/ml
15) T n-Hexacosane (C26)	16.169	17987	0.147 ug/ml
16) T n-Octacosane (C28)	17.155	65274	0.537 ug/ml
17) T n-Tricontane (C30)	18.003	198805	1.596 ug/ml
18) T n-Dotriacontane (C32)	18.836	151994	1.215 ug/ml
19) T n-Tetratriacontane (C34)	19.627	80001	0.672 ug/ml
20) T n-Hexatriacontane (C36)	20.370	74083	0.640 ug/ml
21) T n-Octatriacontane (C38)	21.099	70985	0.652 ug/ml

(f)=RT Delta > 1/2 Window

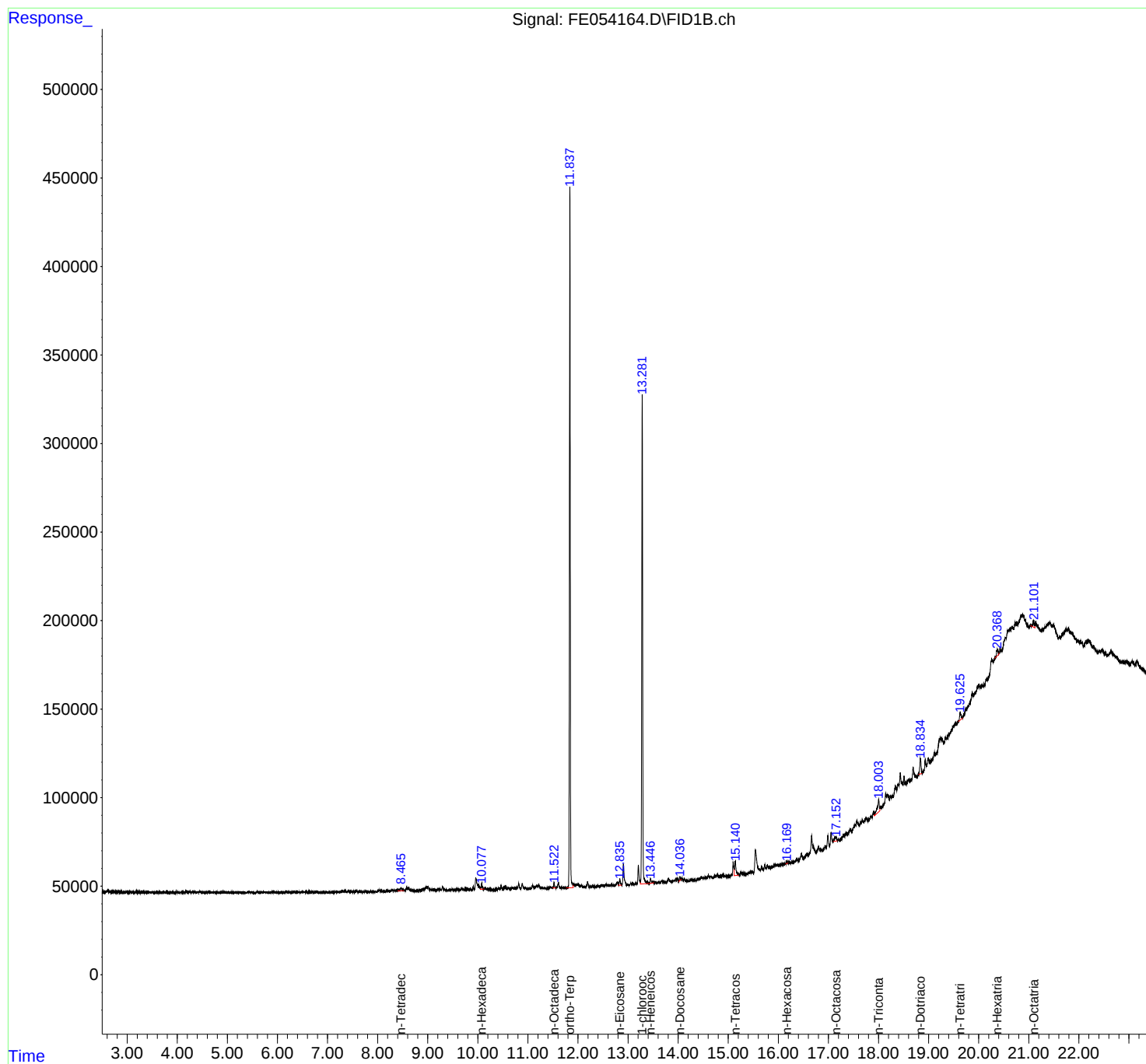
(m)=manual int.

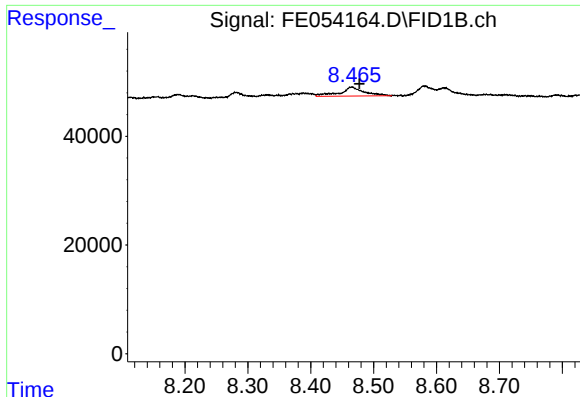
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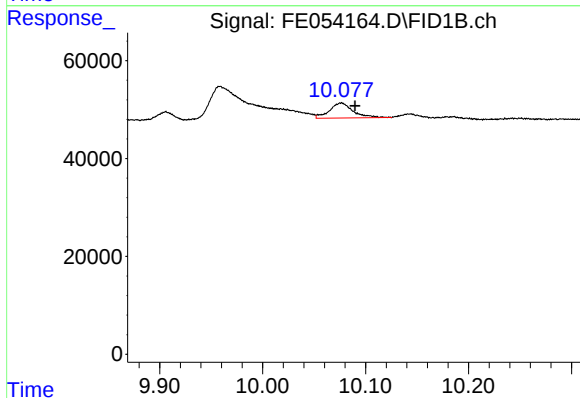




#6 n-Tetradecane (C14)

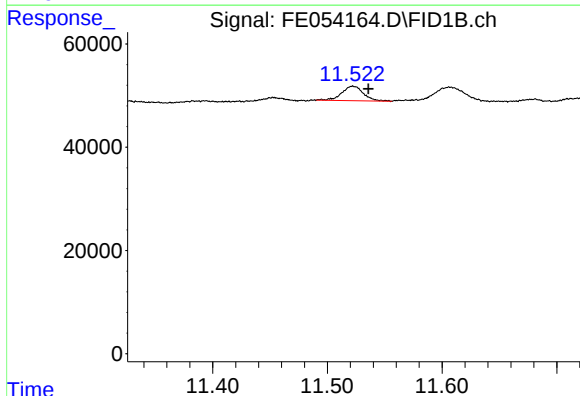
R.T.: 8.465 min
Delta R.T.: -0.012 min
Response: 44754
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :
D5



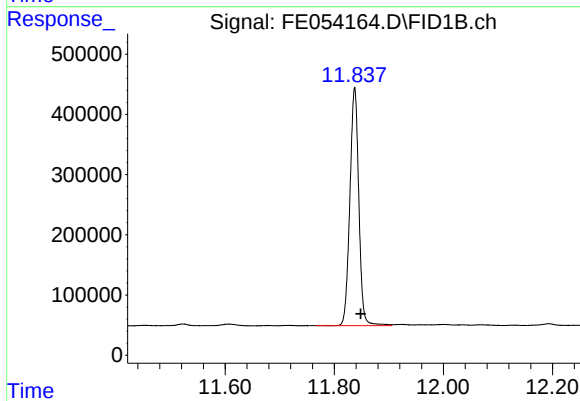
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 48881
Conc: 0.36 ug/ml



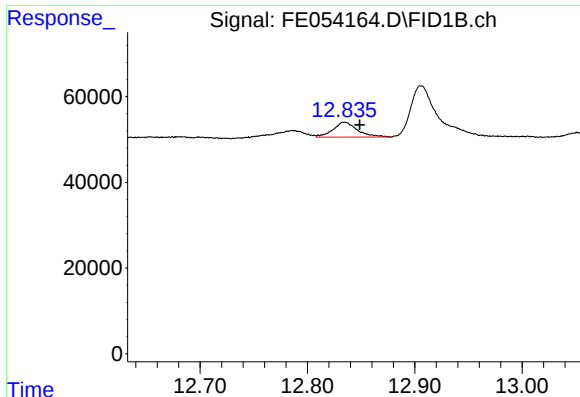
#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 36749
Conc: 0.27 ug/ml



#9 ortho-Terphenyl (SURR)

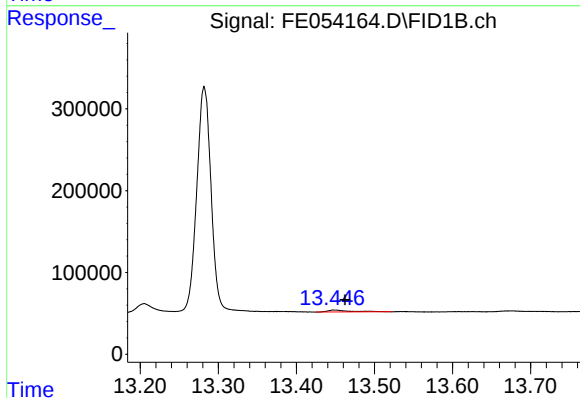
R.T.: 11.837 min
Delta R.T.: -0.011 min
Response: 4492472
Conc: 27.64 ug/ml



#10 n-Eicosane (C20)

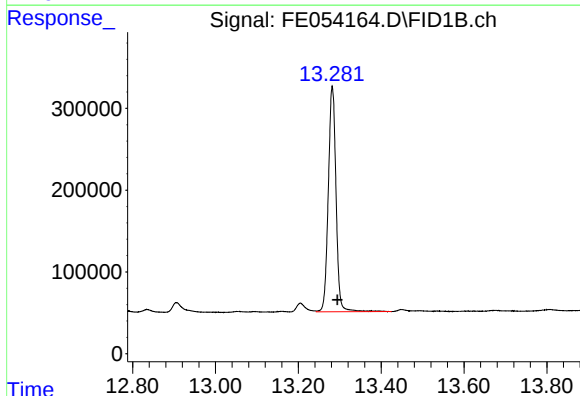
R.T.: 12.835 min
Delta R.T.: -0.014 min
Response: 55455
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :
D5



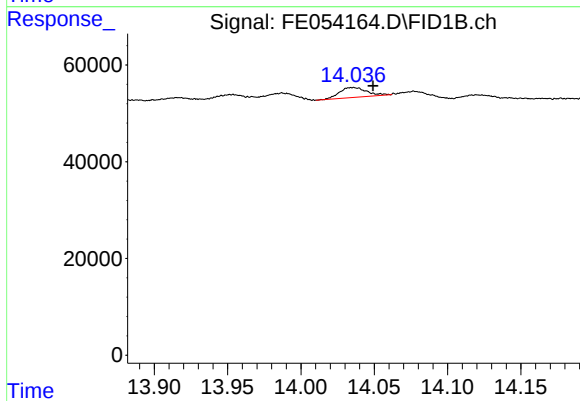
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.013 min
Response: 48004
Conc: 0.37 ug/ml



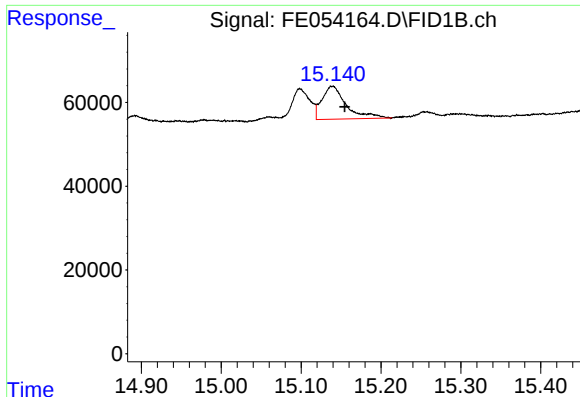
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.013 min
Response: 3574630
Conc: 30.15 ug/ml



#13 n-Docosane (C22)

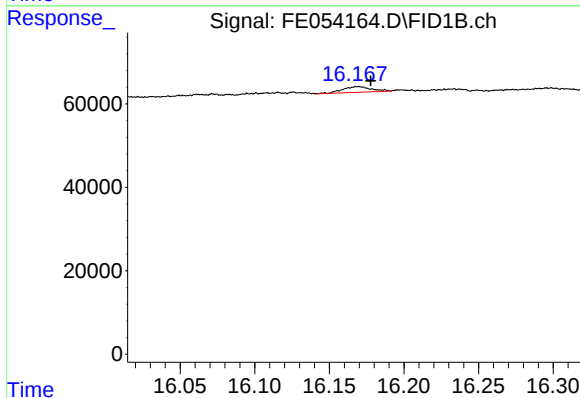
R.T.: 14.036 min
Delta R.T.: -0.014 min
Response: 26290
Conc: 0.21 ug/ml



#14 n-Tetracosane (C24)

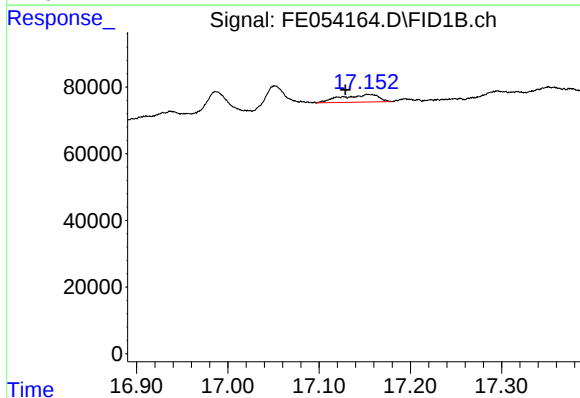
R.T.: 15.139 min
Delta R.T.: -0.015 min
Response: 165937
Conc: 1.33 ug/ml

Instrument :
FID_E
ClientSampleId :
D5



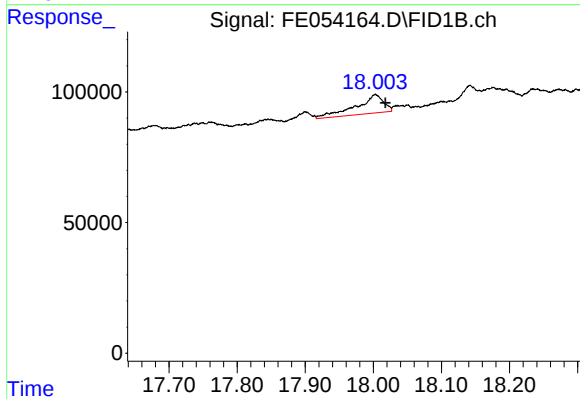
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.008 min
Response: 17987
Conc: 0.15 ug/ml



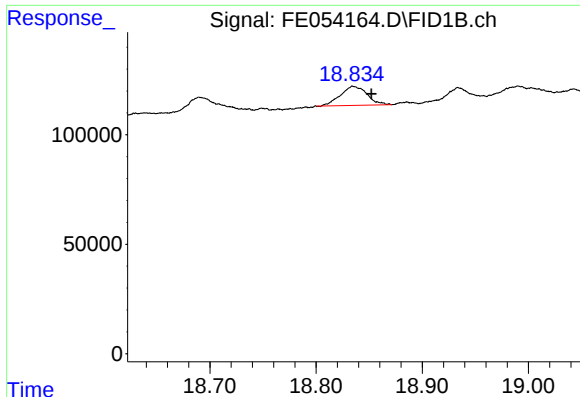
#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: 0.026 min
Response: 65274
Conc: 0.54 ug/ml



#17 n-Tricontane (C30)

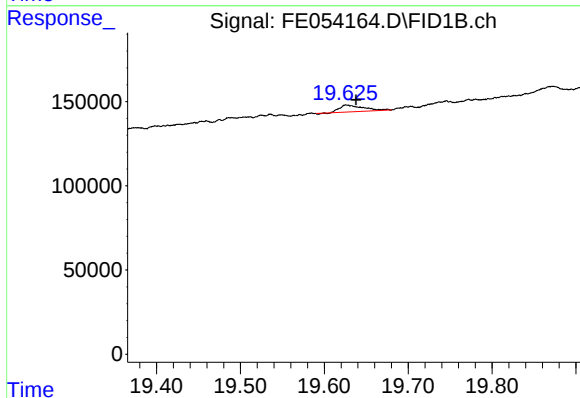
R.T.: 18.003 min
Delta R.T.: -0.015 min
Response: 198805
Conc: 1.60 ug/ml



#18 n-Dotriacontane (C32)

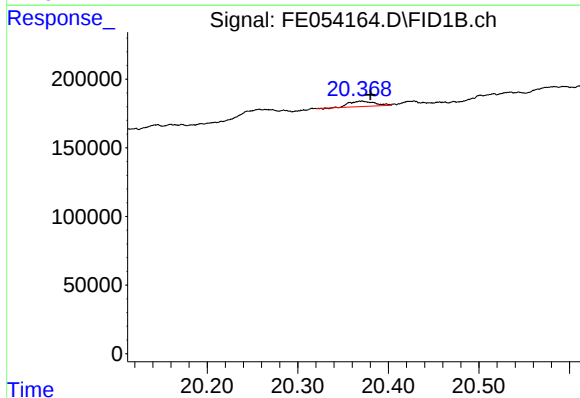
R.T.: 18.836 min
Delta R.T.: -0.017 min
Response: 151994
Conc: 1.22 ug/ml

Instrument :
FID_E
ClientSampleId :
D5



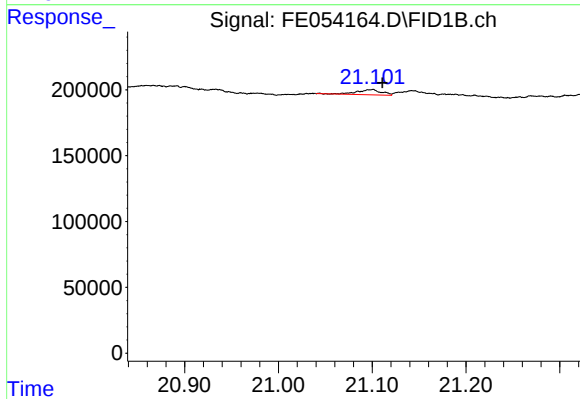
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.010 min
Response: 80001
Conc: 0.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.010 min
Response: 74083
Conc: 0.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.012 min
Response: 70985
Conc: 0.65 ug/ml