

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041046.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 15:25
 Operator : YP\AJ
 Sample : 02105-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 29 01:31:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.857	8412752	44.763 ug/ml
Spiked Amount 50.000		Recovery =	89.53%
12) S 1-chlorooctadecane (S...	13.296	6785845	47.163 ug/ml
Spiked Amount 50.000		Recovery =	94.33%
Target Compounds			
7) T n-Hexadecane (C16)	10.098	29040	0.163 ug/ml
8) T n-Octadecane (C18)	11.539	25058	0.140 ug/ml
10) T n-Eicosane (C20)	12.846	57944	0.340 ug/ml
11) T n-Heneicosane (C21)	13.459	20834	0.123 ug/ml
13) T n-Docosane (C22)	14.045	31901	0.193 ug/ml
14) T n-Tetracosane (C24)	15.147	307282	1.899 ug/ml
15) T n-Hexacosane (C26)	16.172	65824	0.425 ug/ml
16) T n-Octacosane (C28)	17.120	114985	0.751 ug/ml
17) T n-Tricontane (C30)	18.009	94592	0.619 ug/ml
18) T n-Dotriacontane (C32)	18.841	126704	0.812 ug/ml
19) T n-Tetratriacontane (C34)	19.626	52788	0.341 ug/ml
20) T n-Hexatriacontane (C36)	20.368	61549	0.405 ug/ml
21) T n-Octatriacontane (C38)	21.088	35846	0.229 ug/ml
22) T n-Tetracontane (C40)	21.978	99152	0.621 ug/ml

(f)=RT Delta > 1/2 Window

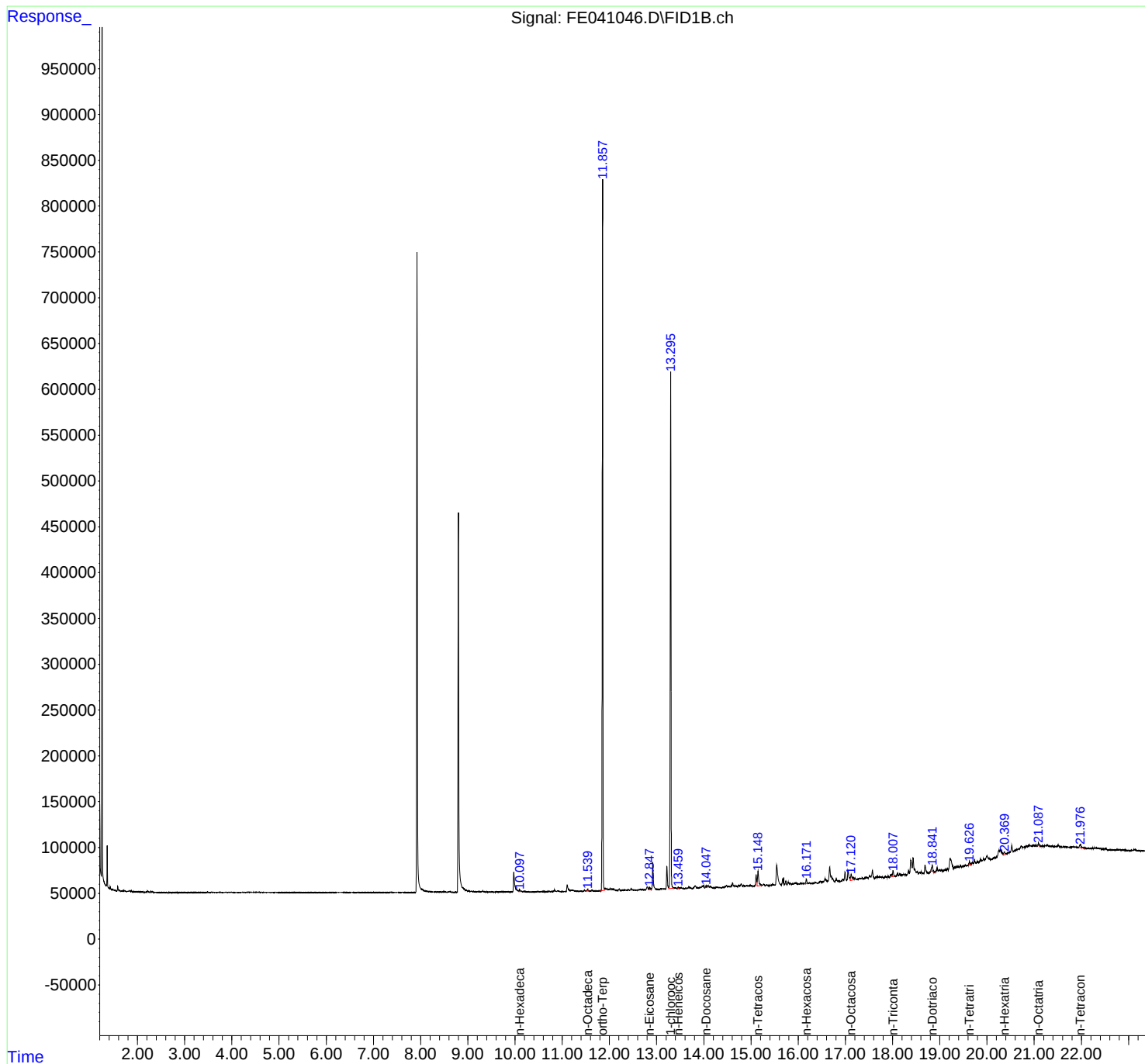
(m)=manual int.

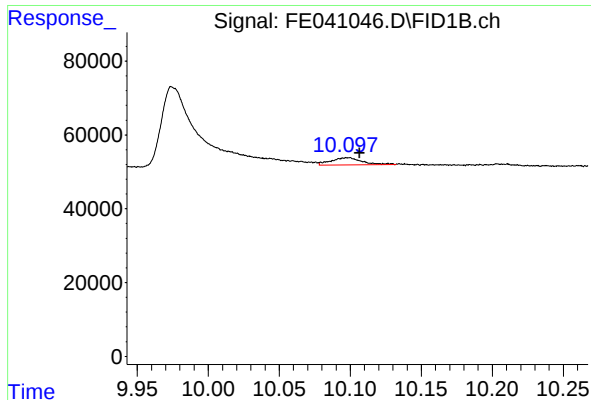
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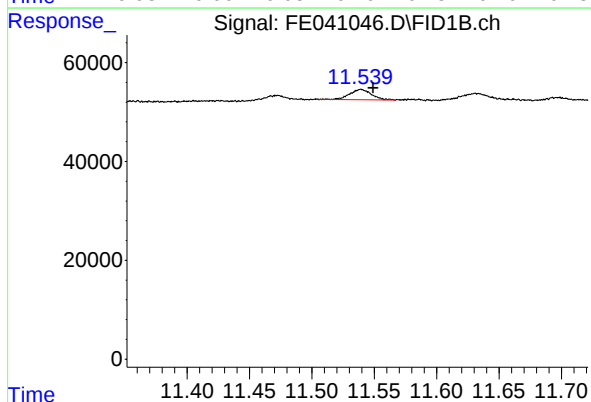
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.008 min
Response: 29040
Conc: 0.16 ug/ml

Instrument :

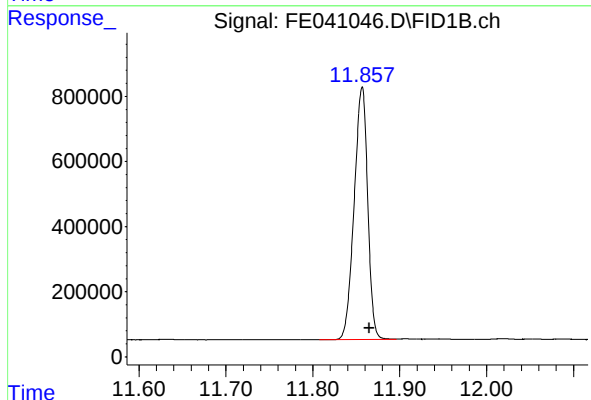
FID_E

ClientSampleId :



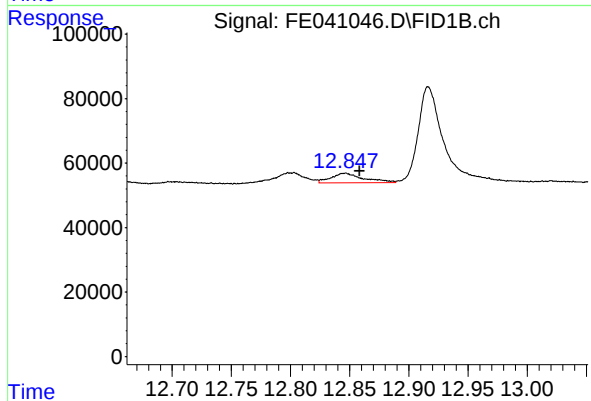
#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.010 min
Response: 25058
Conc: 0.14 ug/ml



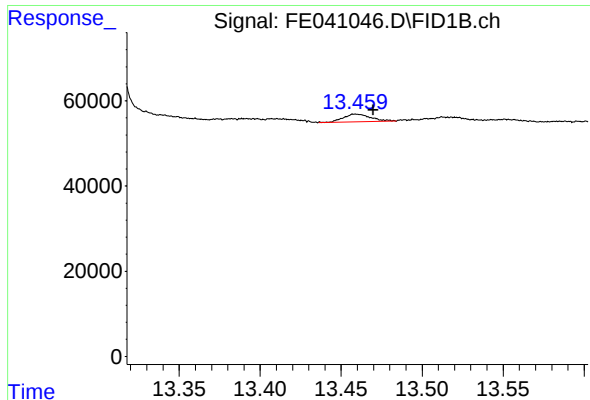
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.008 min
Response: 8412752
Conc: 44.76 ug/ml



#10 n-Eicosane (C20)

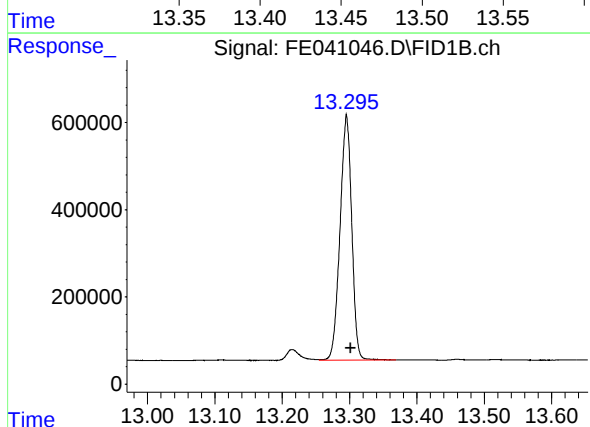
R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 57944
Conc: 0.34 ug/ml



#11 n-Heneicosane (C21)

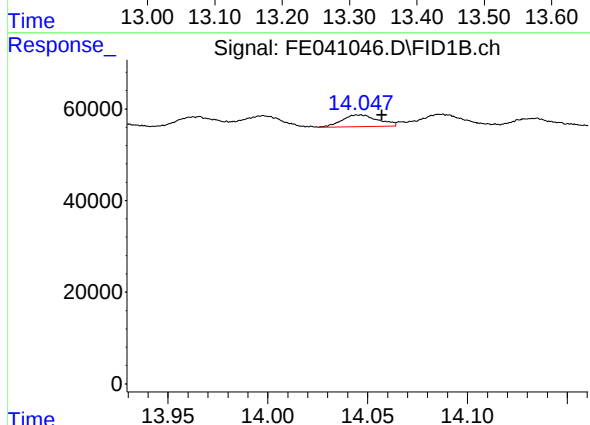
R.T.: 13.459 min
Delta R.T.: -0.011 min
Response: 20834
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



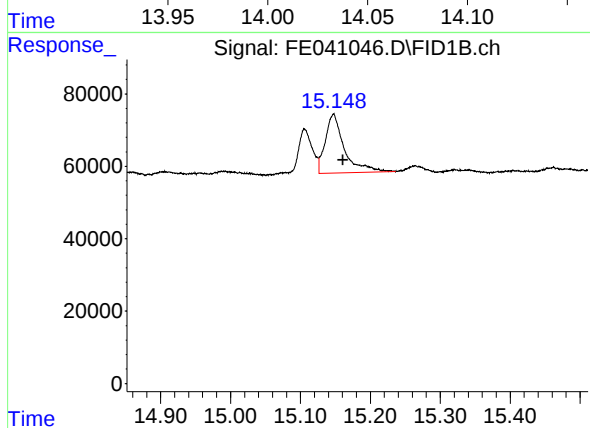
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.006 min
Response: 6785845
Conc: 47.16 ug/ml



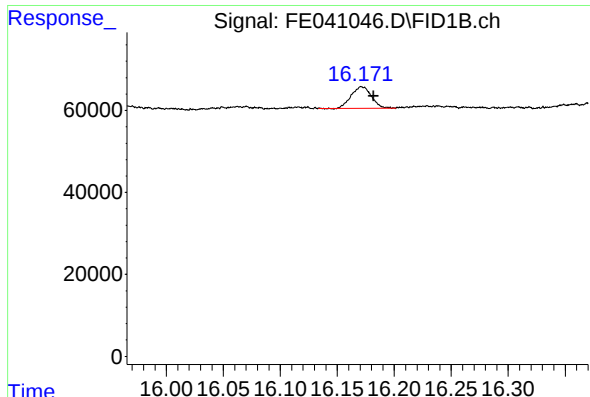
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: -0.012 min
Response: 31901
Conc: 0.19 ug/ml



#14 n-Tetracosane (C24)

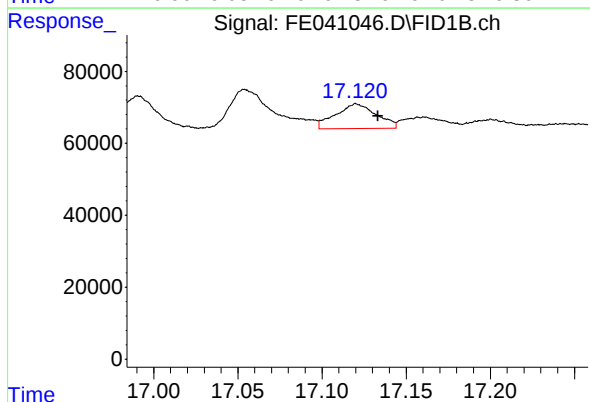
R.T.: 15.147 min
Delta R.T.: -0.013 min
Response: 307282
Conc: 1.90 ug/ml



#15 n-Hexacosane (C26)

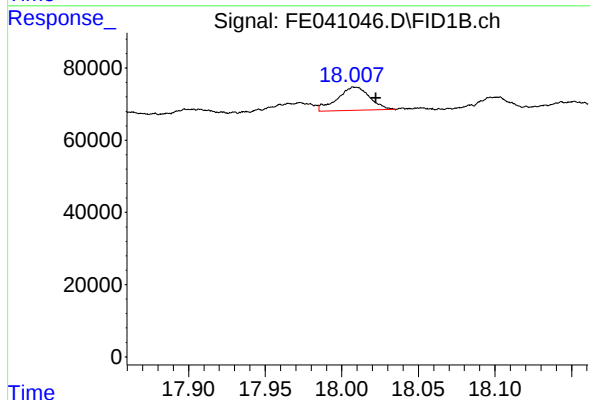
R.T.: 16.172 min
Delta R.T.: -0.010 min
Response: 65824
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



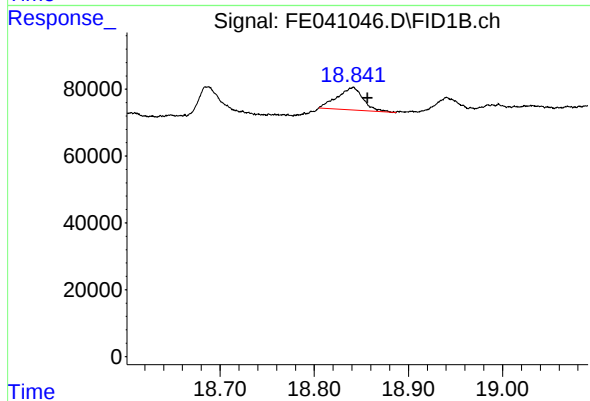
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.013 min
Response: 114985
Conc: 0.75 ug/ml



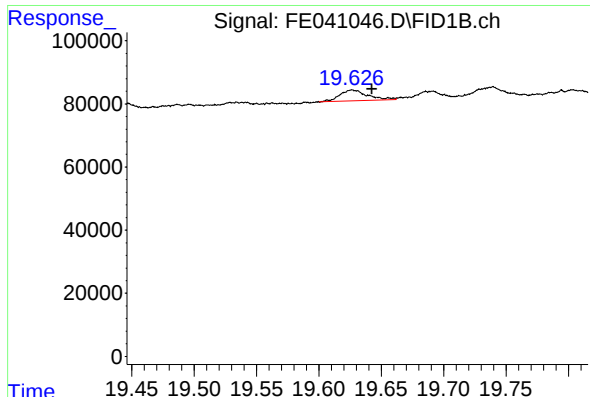
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.014 min
Response: 94592
Conc: 0.62 ug/ml



#18 n-Dotriacontane (C32)

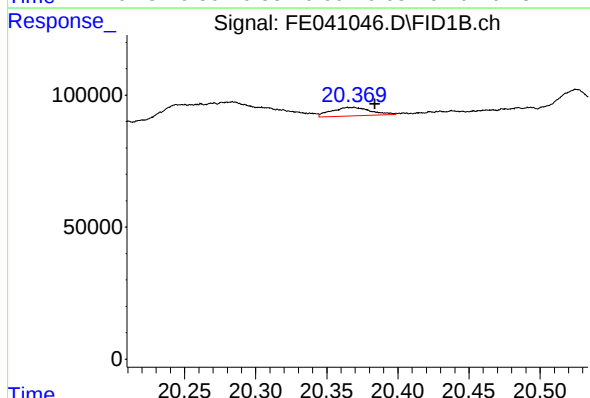
R.T.: 18.841 min
Delta R.T.: -0.015 min
Response: 126704
Conc: 0.81 ug/ml



#19 n-Tetratriacontane (C34)

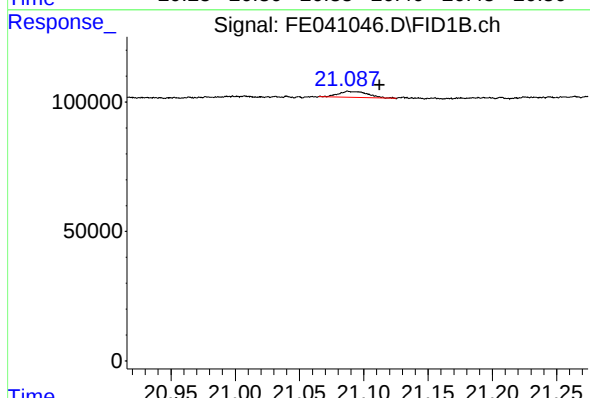
R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 52788
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



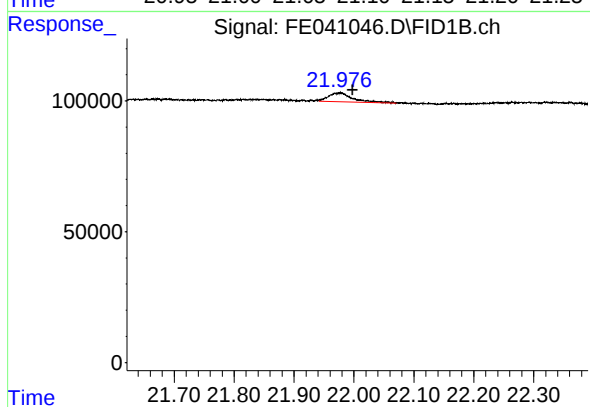
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.016 min
Response: 61549
Conc: 0.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.024 min
Response: 35846
Conc: 0.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.020 min
Response: 99152
Conc: 0.62 ug/ml