

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041723AL\
 Data File : FE041389.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2023 19:09
 Operator : YP\AJ
 Sample : 02369-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 18 01:03:07 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)	11.839	4621156	24.588 ug/ml
Spiked Amount 50.000		Recovery =	49.18%
12) S 1-chlorooctadecane (S...	13.322	49221	0.342 ug/ml
Spiked Amount 50.000		Recovery =	0.68%
Target Compounds			
8) T n-Octadecane (C18)	11.524	24683	0.138 ug/ml
10) T n-Eicosane (C20)	12.836	28087	0.165 ug/ml
13) T n-Docosane (C22)	14.029	44613	0.270 ug/ml
14) T n-Tetracosane (C24)	15.183	28541	0.176 ug/ml
15) T n-Hexacosane (C26)	16.163	79805	0.515 ug/ml
16) T n-Octacosane (C28)	17.129	275472	1.798 ug/ml
17) T n-Tricontane (C30)	18.045	64793	0.424 ug/ml
18) T n-Dotriacontane (C32)	18.877	20186	0.129 ug/ml
19) T n-Tetratriacontane (C34)	19.645	192457	1.242 ug/ml
20) T n-Hexatriacontane (C36)	20.367	89345	0.588 ug/ml
21) T n-Octatriacontane (C38)	21.171f	72145	0.462 ug/ml
22) T n-Tetracontane (C40)	21.969	378586	2.372 ug/ml

(f)=RT Delta > 1/2 Window

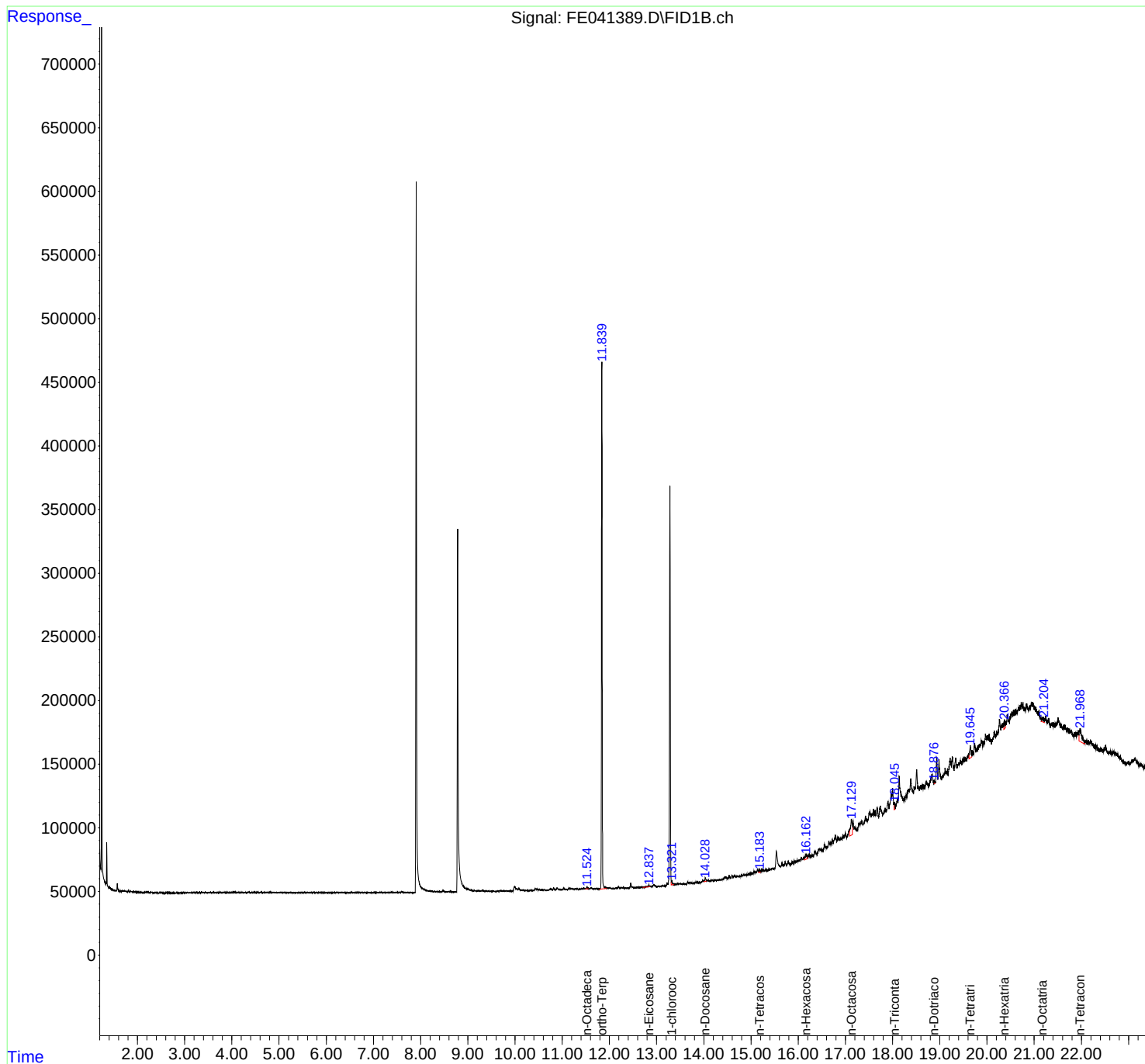
(m)=manual int.

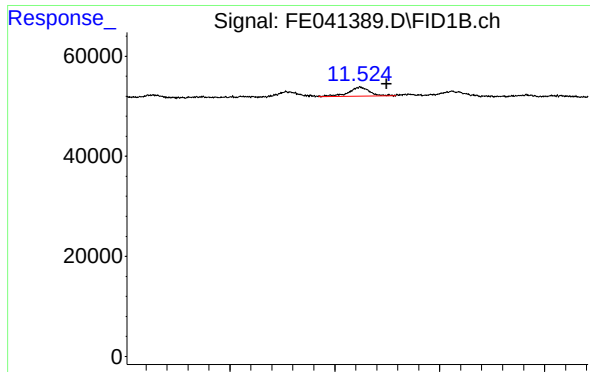
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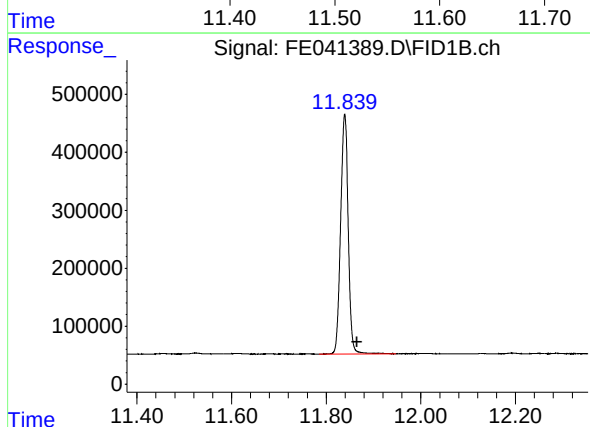




#8 n-Octadecane (C18)

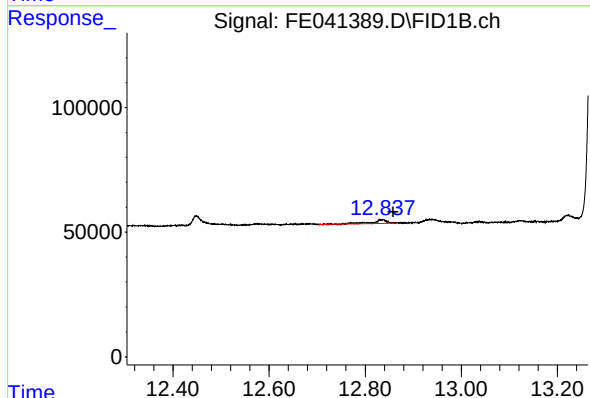
R.T.: 11.524 min
Delta R.T.: -0.025 min
Response: 24683
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



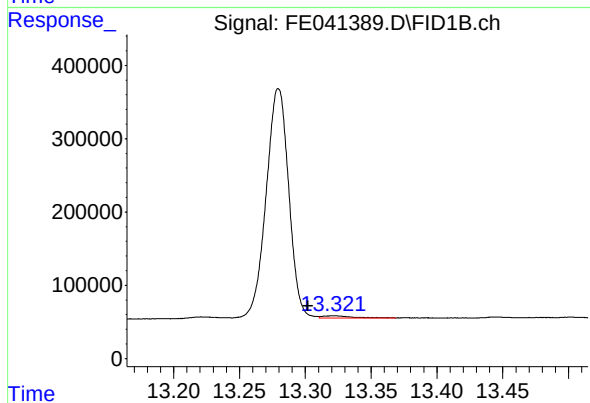
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.026 min
Response: 4621156
Conc: 24.59 ug/ml



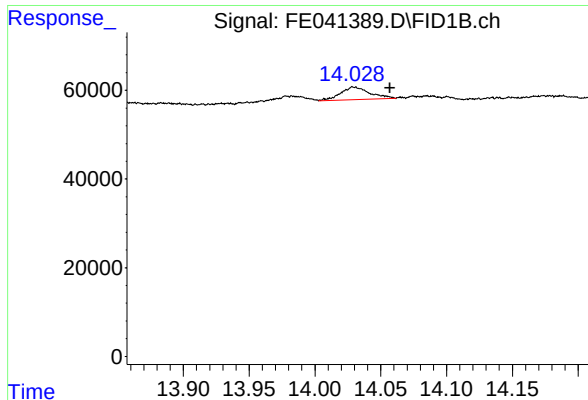
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 28087
Conc: 0.16 ug/ml



#12 1-chlorooctadecane (SURR)

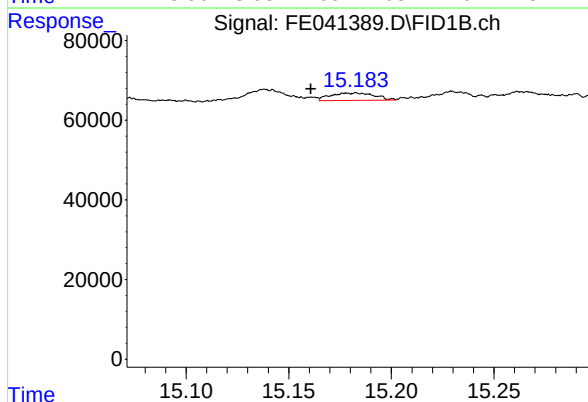
R.T.: 13.322 min
Delta R.T.: 0.020 min
Response: 49221
Conc: 0.34 ug/ml



#13 n-Docosane (C22)

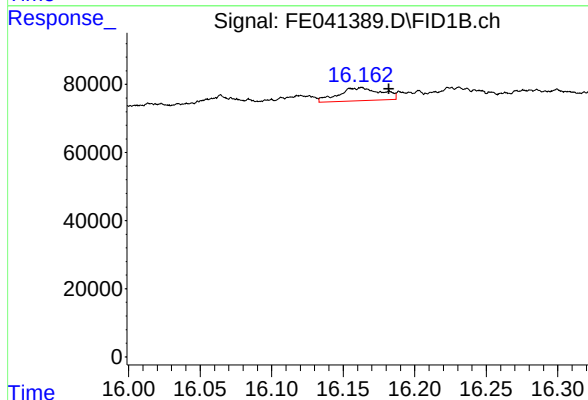
R.T.: 14.029 min
Delta R.T.: -0.028 min
Response: 44613
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



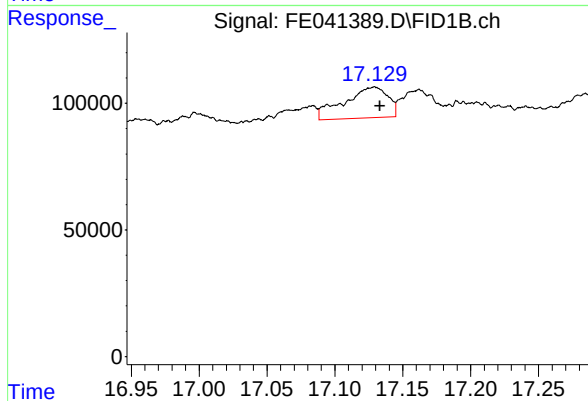
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: 0.022 min
Response: 28541
Conc: 0.18 ug/ml



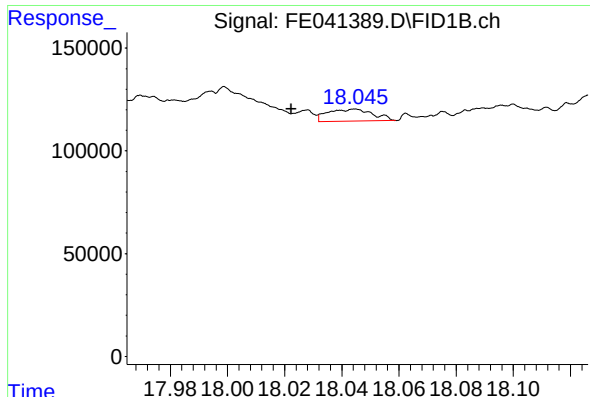
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.019 min
Response: 79805
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

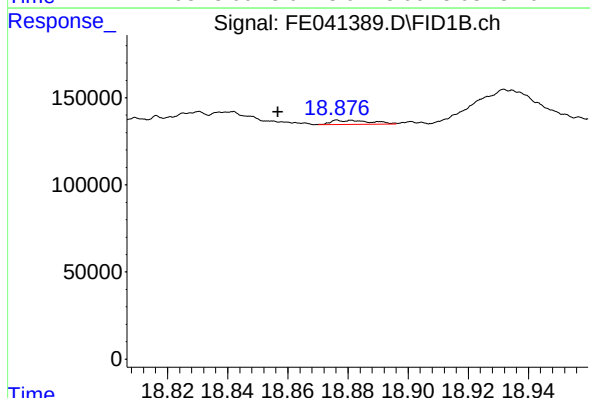
R.T.: 17.129 min
Delta R.T.: -0.004 min
Response: 275472
Conc: 1.80 ug/ml



#17 n-Tricontane (C30)

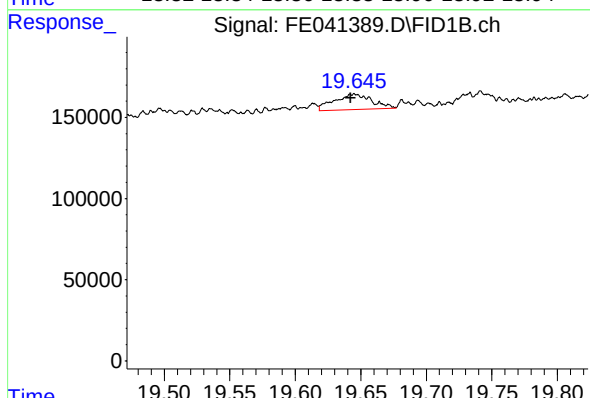
R.T.: 18.045 min
Delta R.T.: 0.022 min
Response: 64793
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



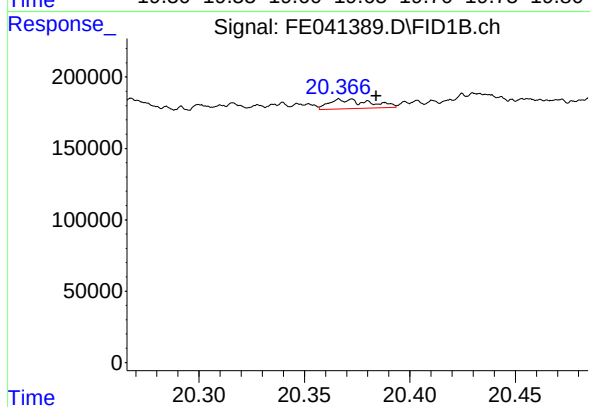
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: 0.021 min
Response: 20186
Conc: 0.13 ug/ml



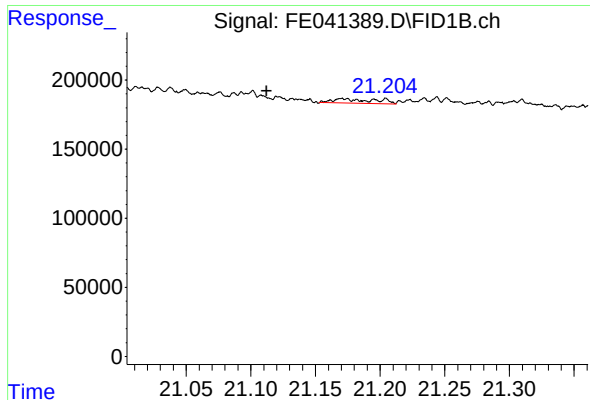
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.002 min
Response: 192457
Conc: 1.24 ug/ml



#20 n-Hexatriacontane (C36)

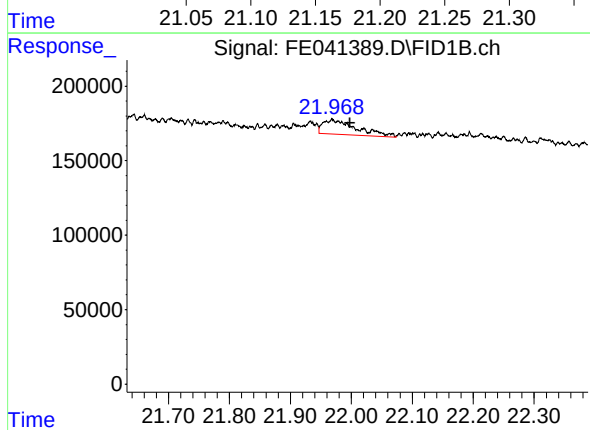
R.T.: 20.367 min
Delta R.T.: -0.017 min
Response: 89345
Conc: 0.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.059 min
Response: 72145
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.029 min
Response: 378586
Conc: 2.37 ug/ml