

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE040999.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 12:06
 Operator : YP\AJ
 Sample : 02029-02DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 00:56:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.868	557576	2.985 ug/ml
Spiked Amount 50.000		Recovery =	5.97%
12) S 1-chlorooctadecane (S...	13.307	487809	3.296 ug/ml
Spiked Amount 50.000		Recovery =	6.59%
Target Compounds			
10) T n-Eicosane (C20)	12.861	29488	0.174 ug/ml
11) T n-Heneicosane (C21)	13.477	71945	0.420 ug/ml
13) T n-Docosane (C22)	14.061	26629	0.155 ug/ml
14) T n-Tetracosane (C24)	15.167	103332	0.599 ug/ml
15) T n-Hexacosane (C26)	16.188	53905	0.317 ug/ml
16) T n-Octacosane (C28)	17.140	94542	0.564 ug/ml
17) T n-Tricontane (C30)	18.029	153042	0.937 ug/ml
18) T n-Dotriacontane (C32)	18.865	79667	0.465 ug/ml
19) T n-Tetratriacontane (C34)	19.650	51452	0.333 ug/ml
20) T n-Hexatriacontane (C36)	20.388	57761	0.398 ug/ml
21) T n-Octatriacontane (C38)	21.119	48113	0.350 ug/ml
22) T n-Tetracontane (C40)	22.011	15063	0.097 ug/ml

(f)=RT Delta > 1/2 Window

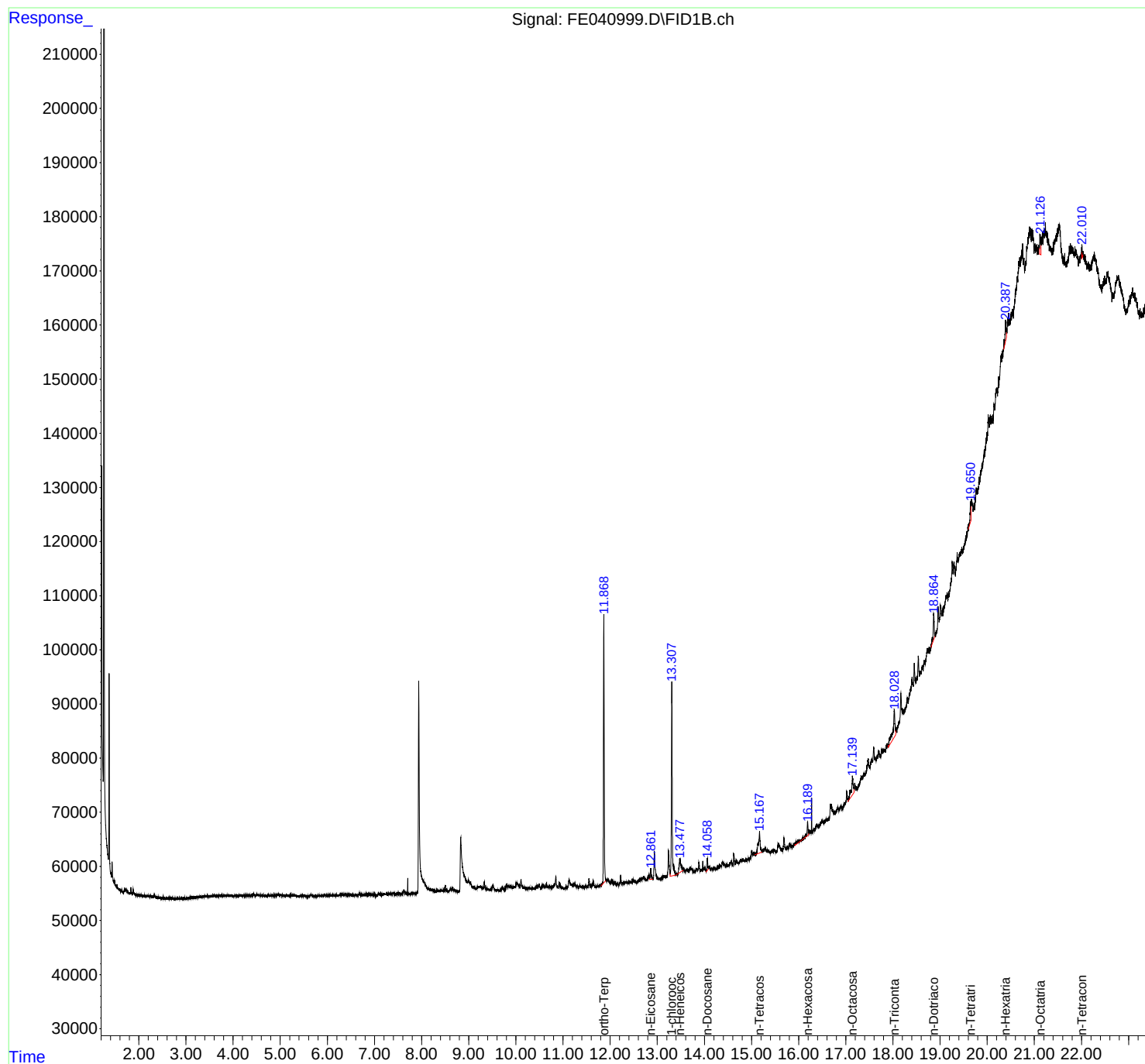
(m)=manual int.

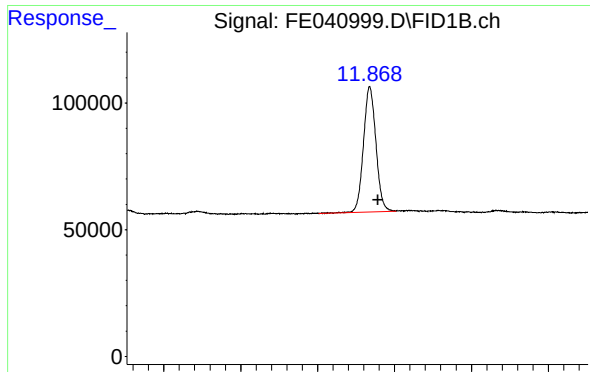
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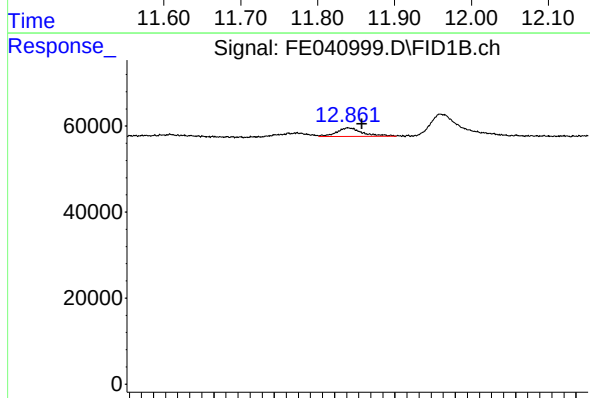




#9 ortho-Terphenyl (SURR)

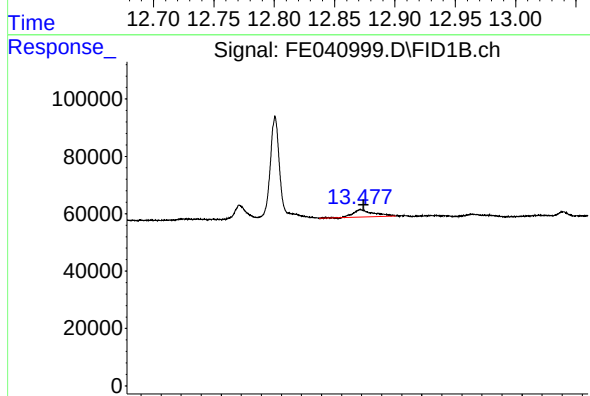
R.T.: 11.868 min
Delta R.T.: -0.011 min
Response: 557576
Conc: 2.98 ug/ml

Instrument :
FID_E
ClientSampleId :



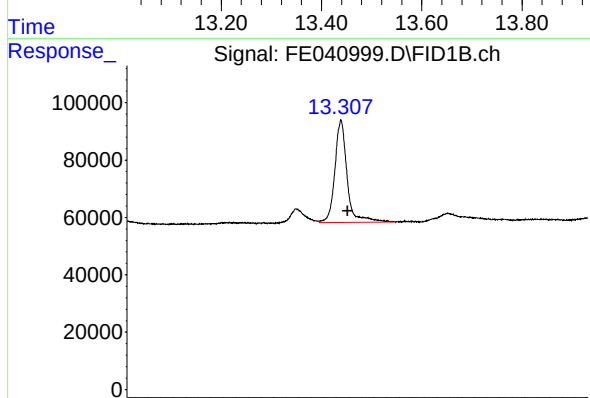
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.011 min
Response: 29488
Conc: 0.17 ug/ml



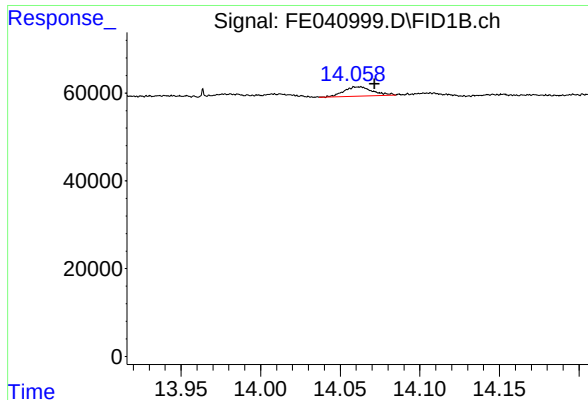
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.007 min
Response: 71945
Conc: 0.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.011 min
Response: 487809
Conc: 3.30 ug/ml



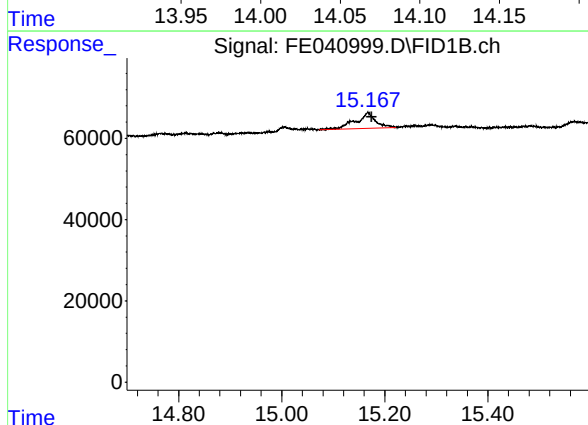
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.011 min
Response: 26629
Conc: 0.16 ug/ml

Instrument :

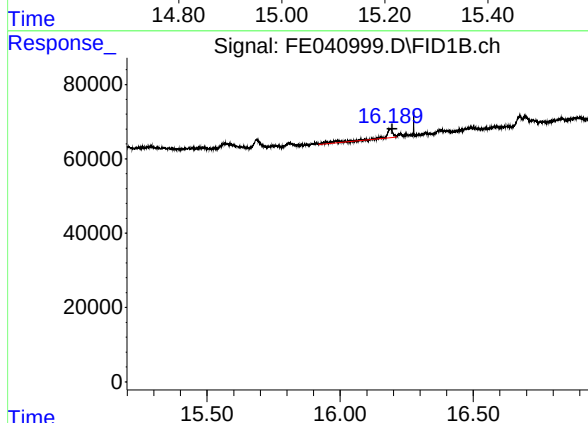
FID_E

ClientSampleId :



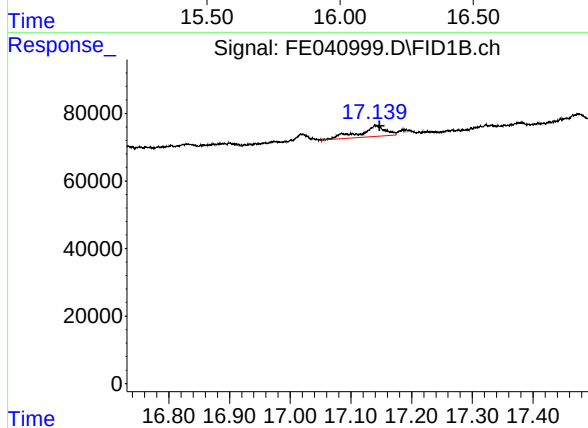
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.007 min
Response: 103332
Conc: 0.60 ug/ml



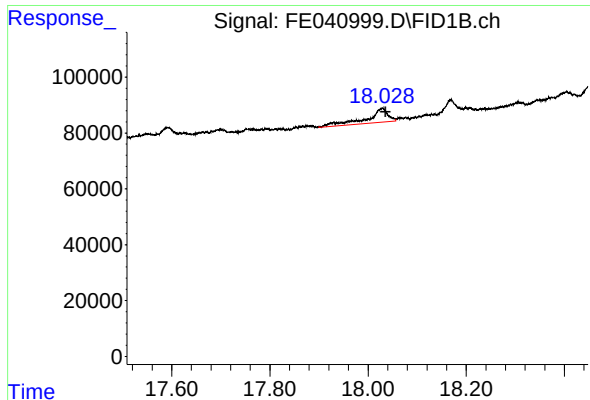
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 53905
Conc: 0.32 ug/ml



#16 n-Octacosane (C28)

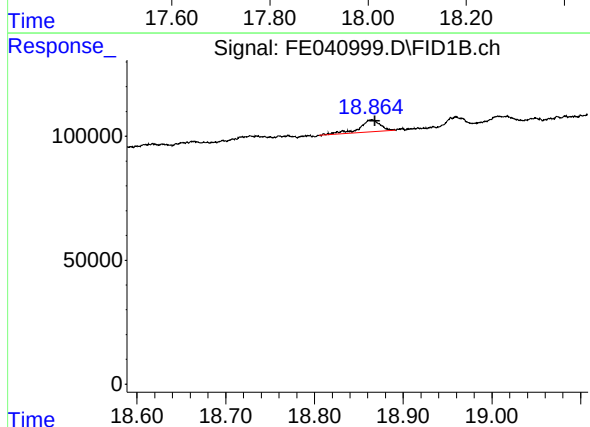
R.T.: 17.140 min
Delta R.T.: -0.007 min
Response: 94542
Conc: 0.56 ug/ml



#17 n-Tricontane (C30)

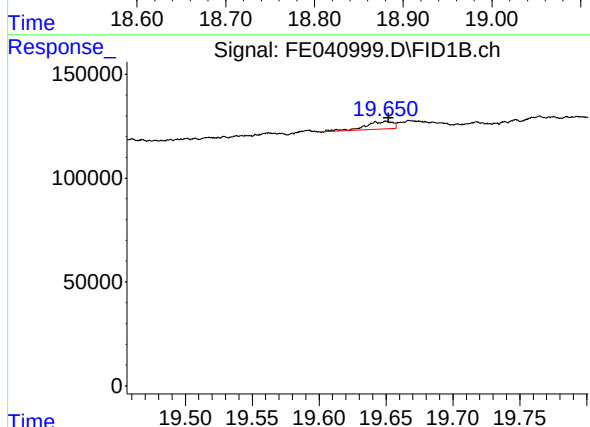
R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 153042
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



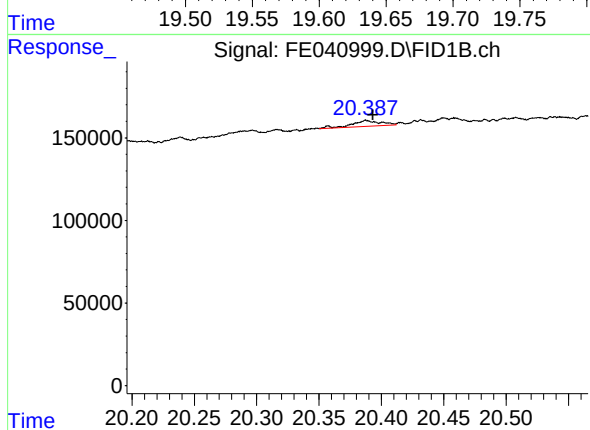
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.003 min
Response: 79667
Conc: 0.47 ug/ml



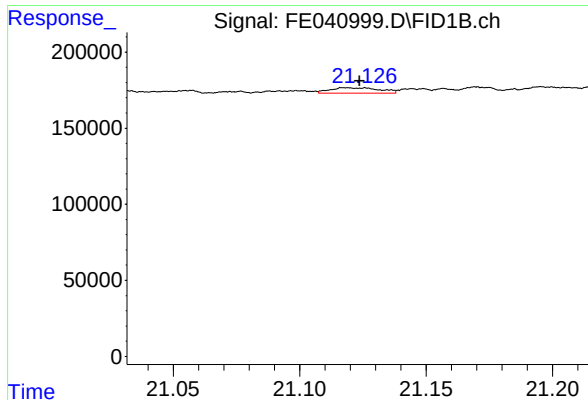
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.002 min
Response: 51452
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

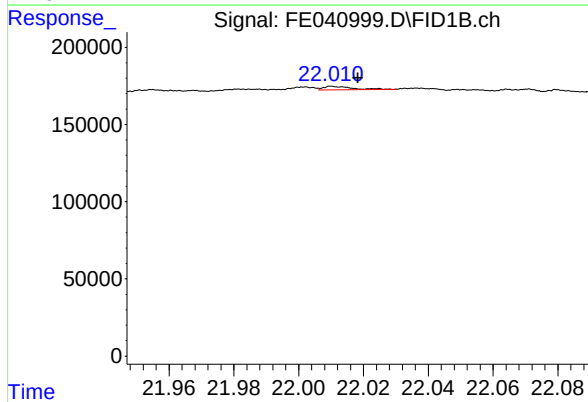
R.T.: 20.388 min
Delta R.T.: -0.006 min
Response: 57761
Conc: 0.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: -0.005 min
Response: 48113
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.007 min
Response: 15063
Conc: 0.10 ug/ml