

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073123AL\
 Data File : FE043644.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2023 18:40
 Operator : YP\AJ
 Sample : 03826-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:03:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	4020655	22.453 ug/ml
Spiked Amount 50.000		Recovery =	44.91%
12) S 1-chlorooctadecane (S...	13.366	2662284	20.262 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
8) T n-Octadecane (C18)	11.565	127655	0.783 ug/ml
10) T n-Eicosane (C20)	12.874	164982	1.062 ug/ml
11) T n-Heneicosane (C21)	13.487	104440	0.689 ug/ml
13) T n-Docosane (C22)	14.073	82279	0.551 ug/ml
14) T n-Tetracosane (C24)	15.176	196507	1.338 ug/ml
15) T n-Hexacosane (C26)	16.197	100573	0.706 ug/ml
16) T n-Octacosane (C28)	17.148	125566	0.892 ug/ml
17) T n-Tricontane (C30)	18.036	263249	1.787 ug/ml
18) T n-Dotriacontane (C32)	18.870	205591	1.387 ug/ml
19) T n-Tetratriacontane (C34)	19.681	19755	0.137 ug/ml
20) T n-Hexatriacontane (C36)	20.396	219761	1.495 ug/ml
21) T n-Octatriacontane (C38)	21.124	148125	1.038 ug/ml
22) T n-Tetracontane (C40)	22.041	380306	2.577 ug/ml

(f)=RT Delta > 1/2 Window

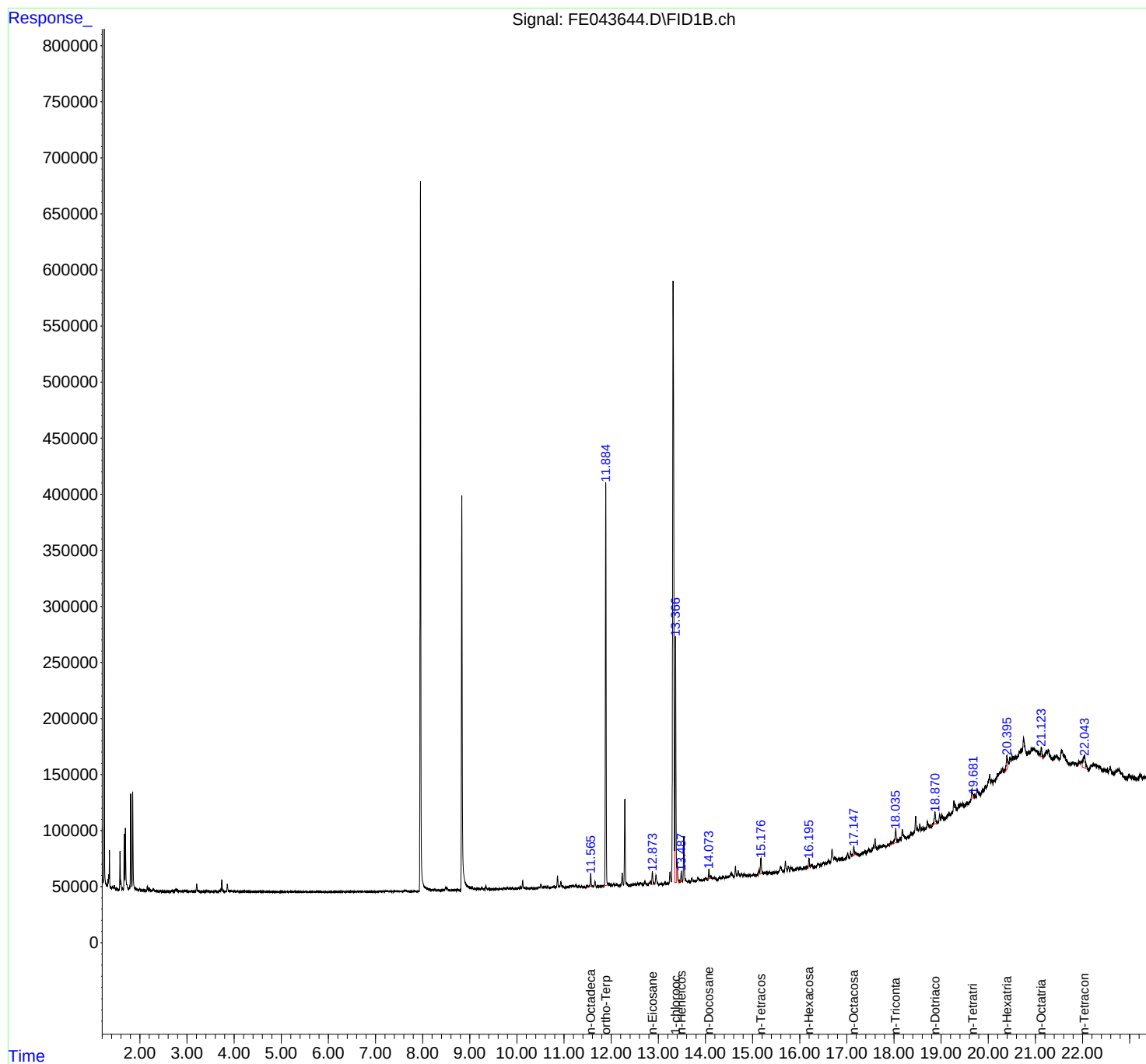
(m)=manual int.

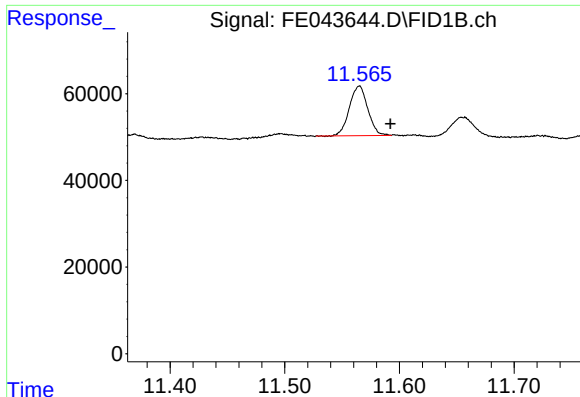
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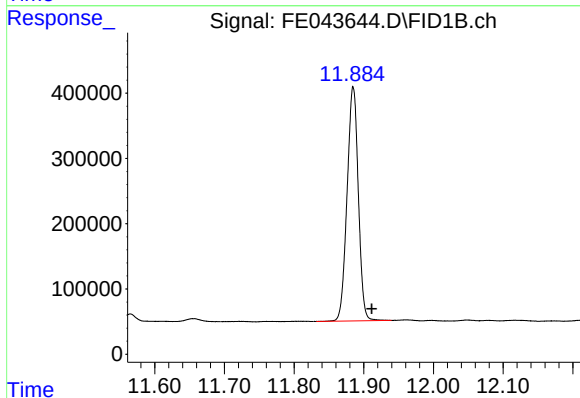




#8 n-Octadecane (C18)

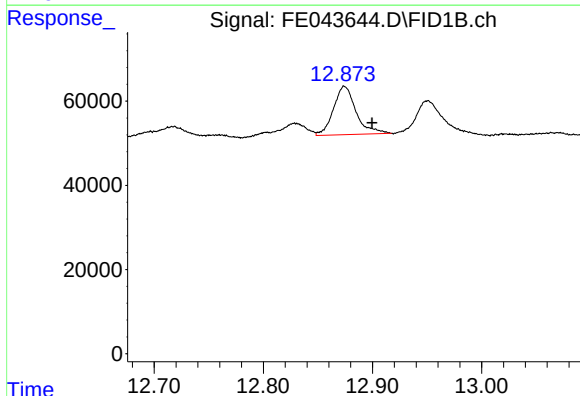
R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 127655
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



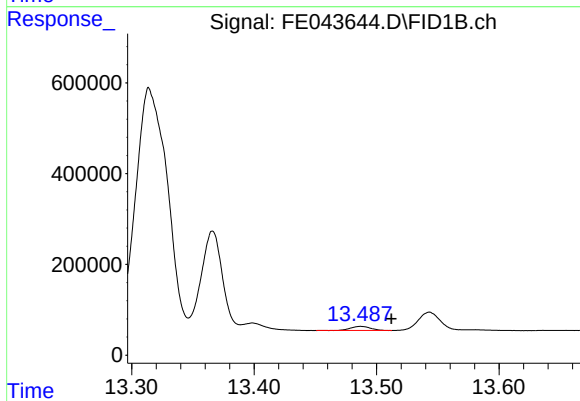
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.027 min
Response: 4020655
Conc: 22.45 ug/ml



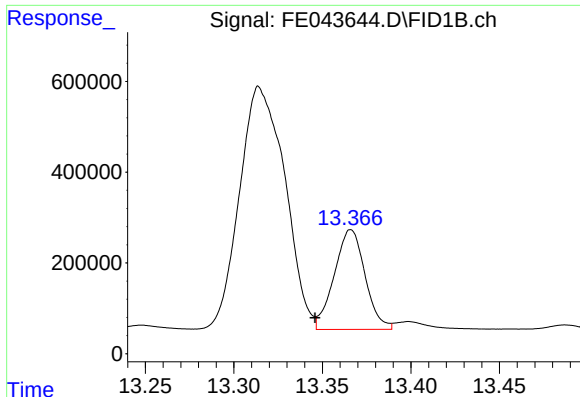
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.025 min
Response: 164982
Conc: 1.06 ug/ml



#11 n-Heneicosane (C21)

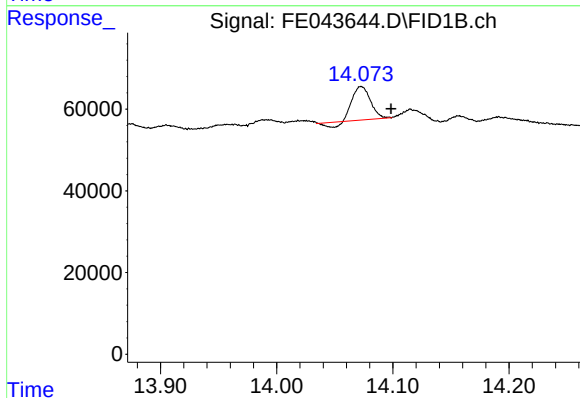
R.T.: 13.487 min
Delta R.T.: -0.025 min
Response: 104440
Conc: 0.69 ug/ml



#12 1-chlorooctadecane (SURR)

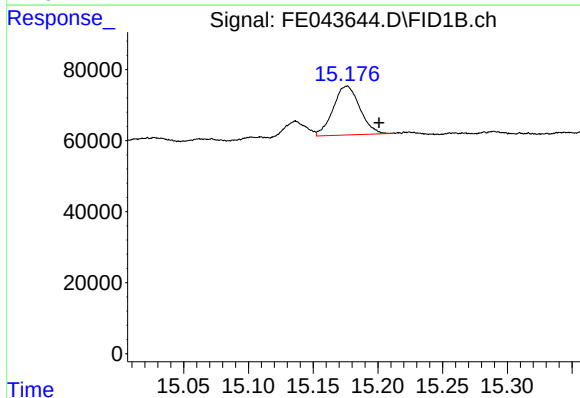
R.T.: 13.366 min
Delta R.T.: 0.020 min
Response: 2662284
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :



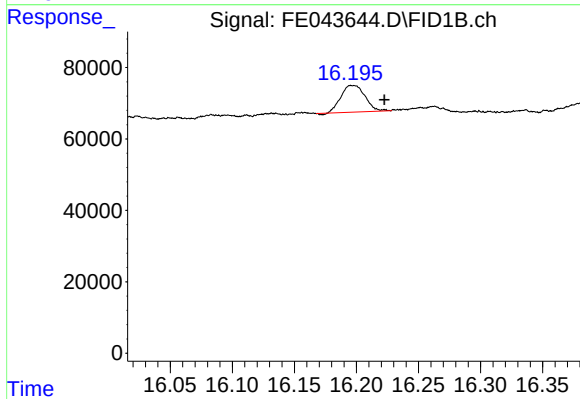
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: -0.026 min
Response: 82279
Conc: 0.55 ug/ml



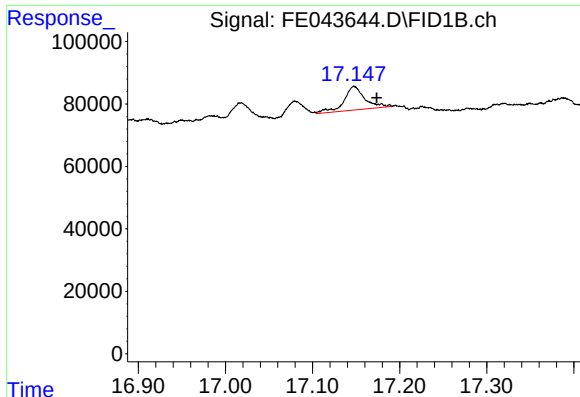
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.025 min
Response: 196507
Conc: 1.34 ug/ml



#15 n-Hexacosane (C26)

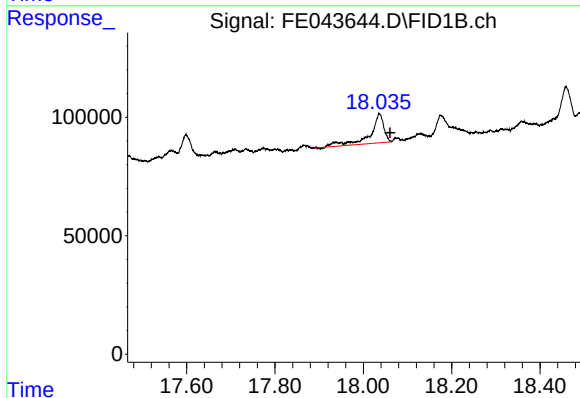
R.T.: 16.197 min
Delta R.T.: -0.026 min
Response: 100573
Conc: 0.71 ug/ml



#16 n-Octacosane (C28)

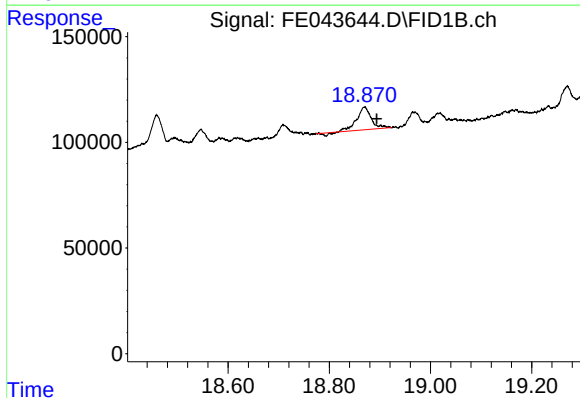
R.T.: 17.148 min
Delta R.T.: -0.026 min
Response: 125566
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



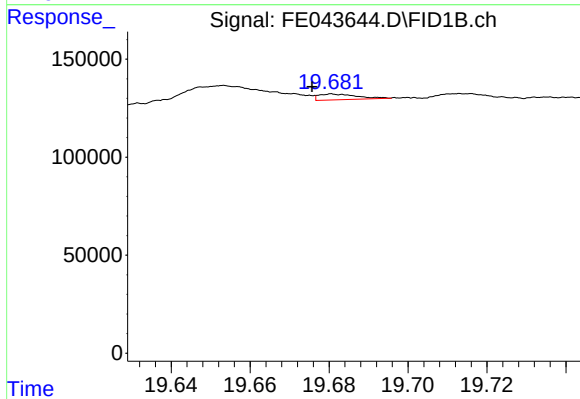
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: -0.025 min
Response: 263249
Conc: 1.79 ug/ml



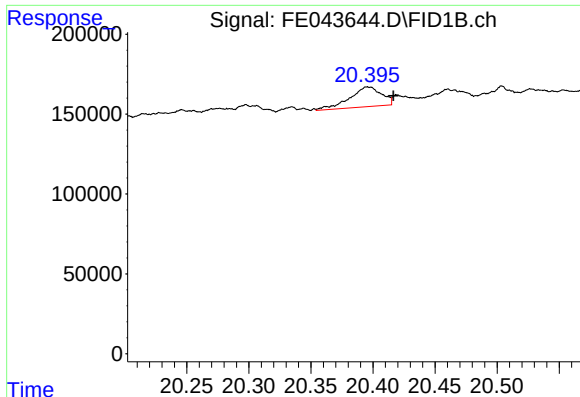
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.024 min
Response: 205591
Conc: 1.39 ug/ml



#19 n-Tetratriacontane (C34)

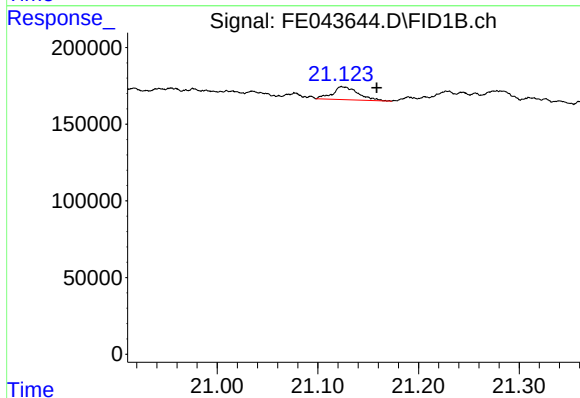
R.T.: 19.681 min
Delta R.T.: 0.005 min
Response: 19755
Conc: 0.14 ug/ml



#20 n-Hexatriacontane (C36)

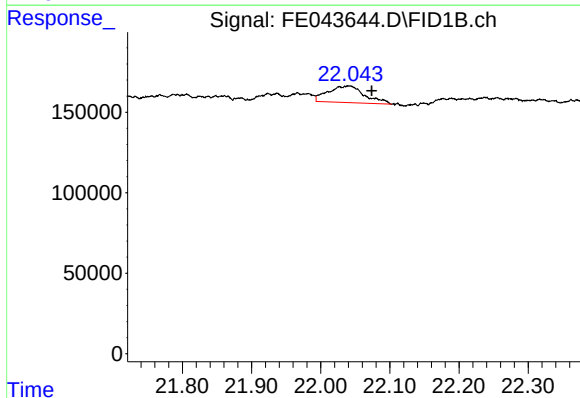
R.T.: 20.396 min
Delta R.T.: -0.021 min
Response: 219761
Conc: 1.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.035 min
Response: 148125
Conc: 1.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.033 min
Response: 380306
Conc: 2.58 ug/ml