

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045180.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 16:58
 Operator : YP\AJ
 Sample : 05229-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.889	5085382	25.368 ug/ml
Spiked Amount 50.000		Recovery =	50.74%
12) S 1-chlorooctadecane (S...	13.371	236449	1.598 ug/ml
Spiked Amount 50.000		Recovery =	3.20%
Target Compounds			
7) T n-Hexadecane (C16)	10.129	49012	0.280 ug/ml
8) T n-Octadecane (C18)	11.573	57137	0.328 ug/ml
10) T n-Eicosane (C20)	12.885	57908	0.347 ug/ml
11) T n-Heneicosane (C21)	13.552	84001	0.515 ug/ml
13) T n-Docosane (C22)	14.086	89342	0.559 ug/ml
14) T n-Tetracosane (C24)	15.190	36768	0.237 ug/ml
15) T n-Hexacosane (C26)	16.241	40848	0.272 ug/ml
16) T n-Octacosane (C28)	17.180	582236	3.965 ug/ml
17) T n-Tricontane (C30)	18.082	101031	0.679 ug/ml
18) T n-Dotriacontane (C32)	18.898	1581671	10.538 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2210986	14.852 ug/ml
20) T n-Hexatriacontane (C36)	20.441	930759	6.054 ug/ml
21) T n-Octatriacontane (C38)	21.174	1857371	11.890 ug/ml
22) T n-Tetracontane (C40)	22.094	609410	3.646 ug/ml

(f)=RT Delta > 1/2 Window

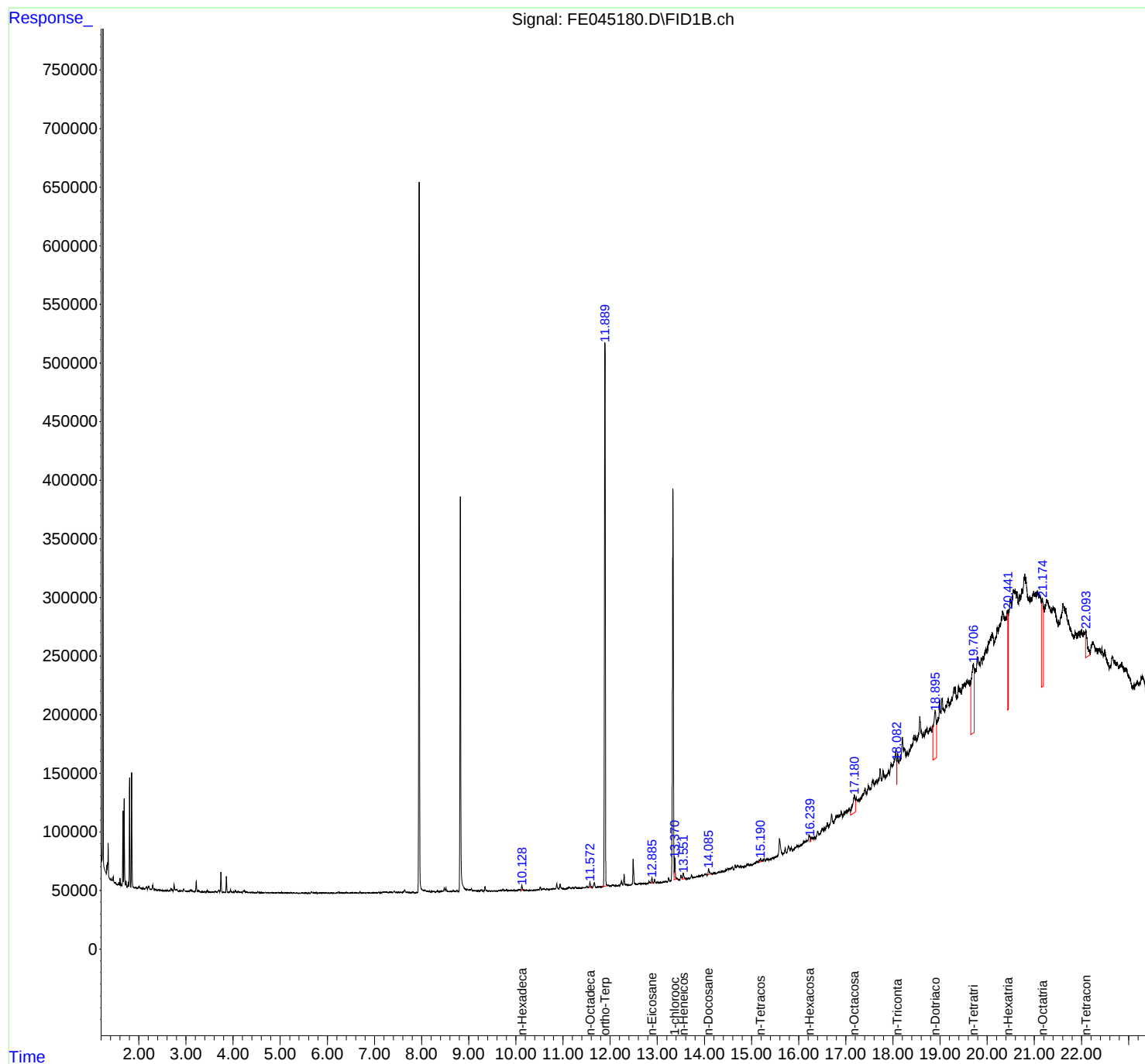
(m)=manual int.

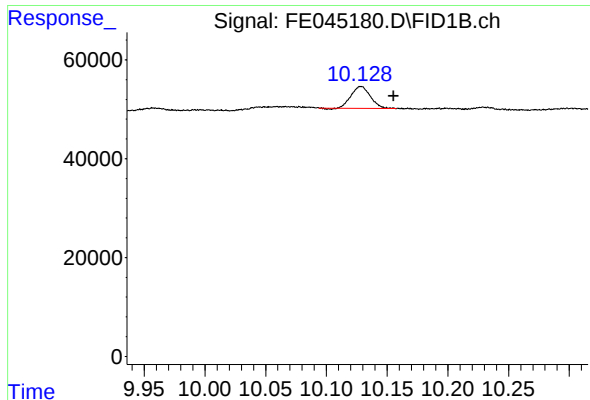
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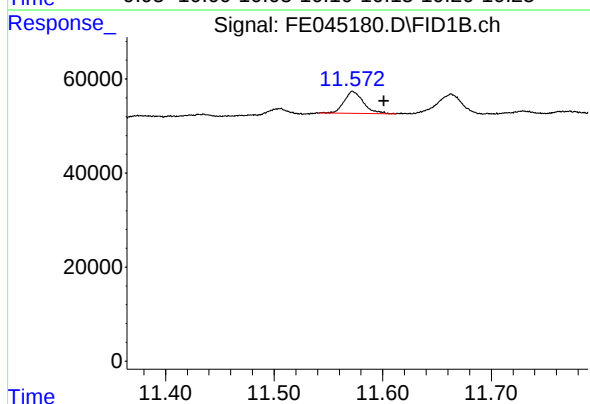




#7 n-Hexadecane (C16)

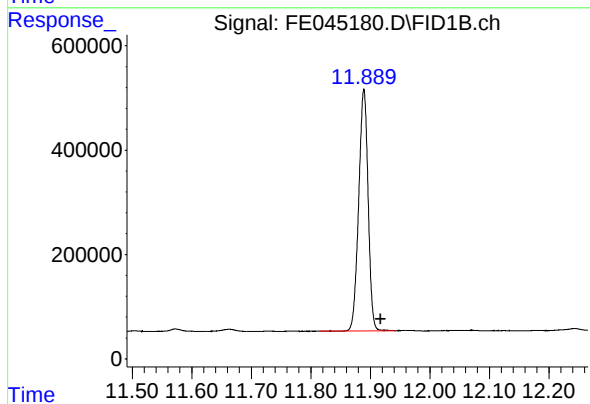
R.T.: 10.129 min
Delta R.T.: -0.027 min
Response: 49012
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



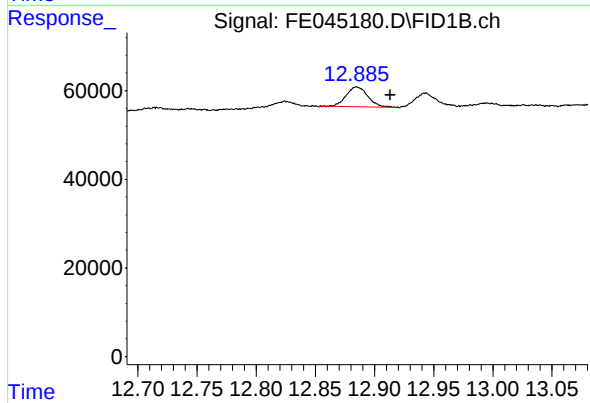
#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.029 min
Response: 57137
Conc: 0.33 ug/ml



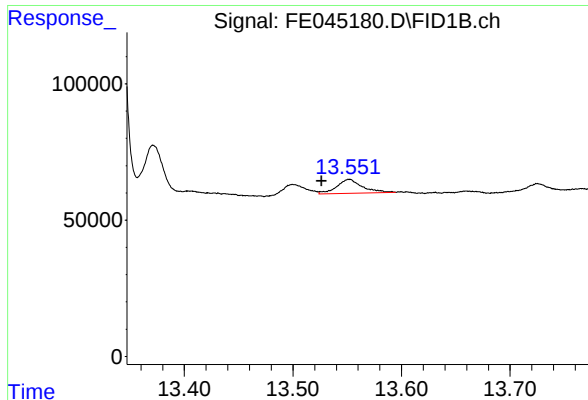
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.028 min
Response: 5085382
Conc: 25.37 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.029 min
Response: 57908
Conc: 0.35 ug/ml



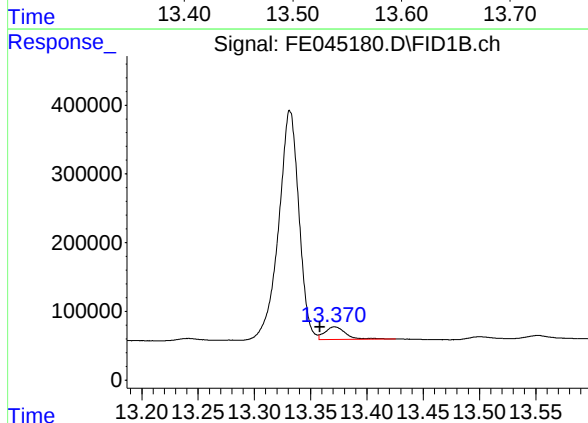
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.025 min
Response: 84001
Conc: 0.52 ug/ml

Instrument :

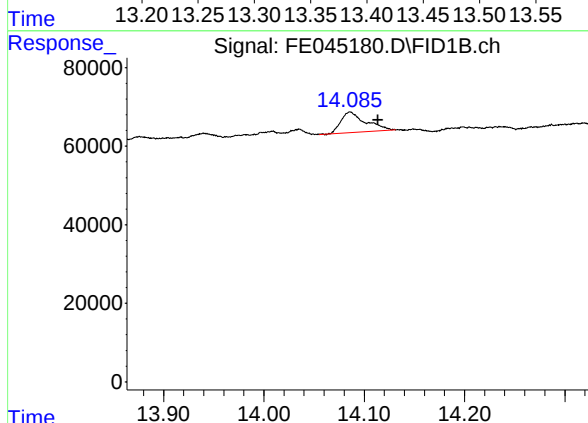
FID_E

ClientSampleId :



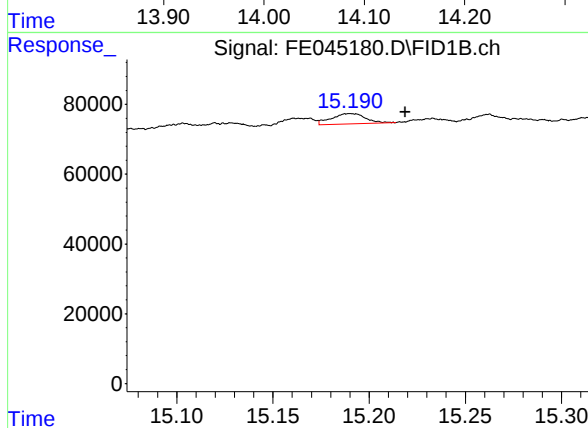
#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.013 min
Response: 236449
Conc: 1.60 ug/ml



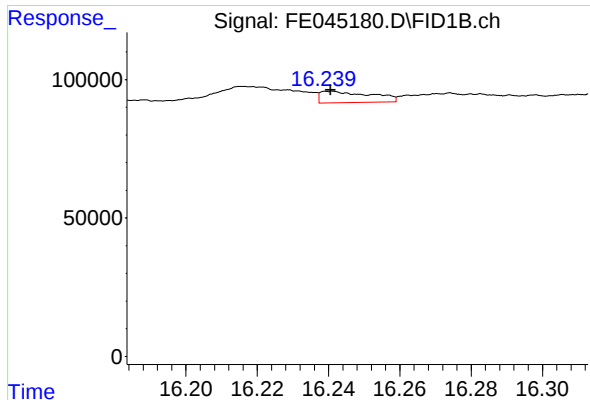
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.028 min
Response: 89342
Conc: 0.56 ug/ml



#14 n-Tetracosane (C24)

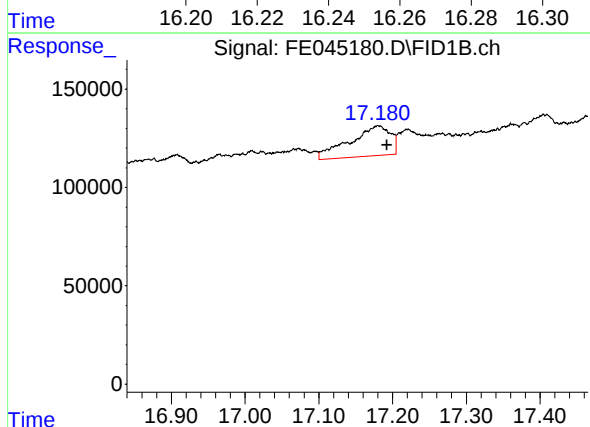
R.T.: 15.190 min
Delta R.T.: -0.028 min
Response: 36768
Conc: 0.24 ug/ml



#15 n-Hexacosane (C26)

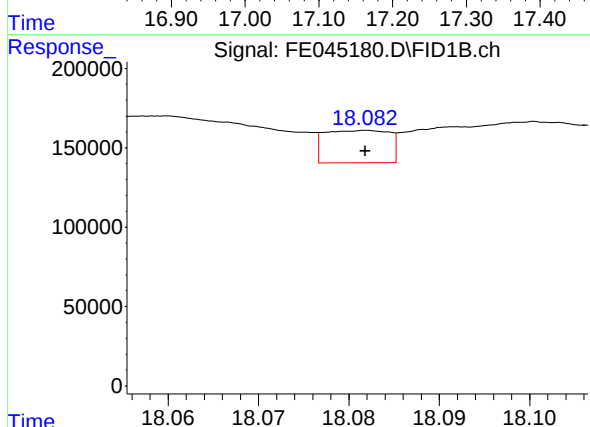
R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 40848
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



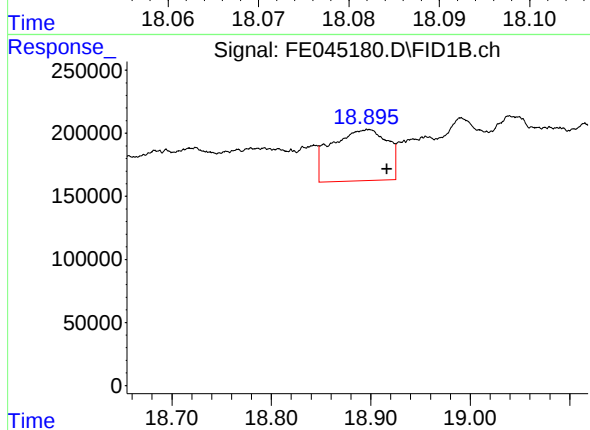
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 582236
Conc: 3.97 ug/ml



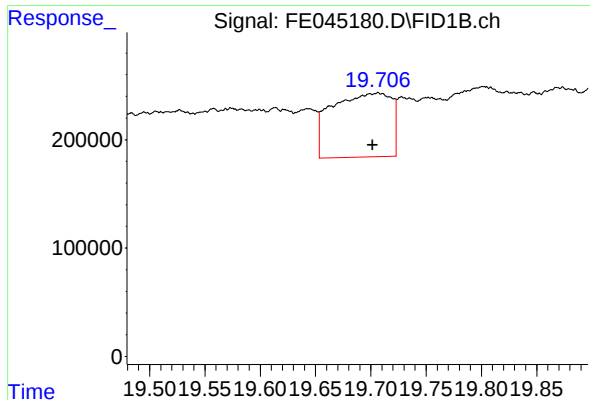
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 101031
Conc: 0.68 ug/ml



#18 n-Dotriacontane (C32)

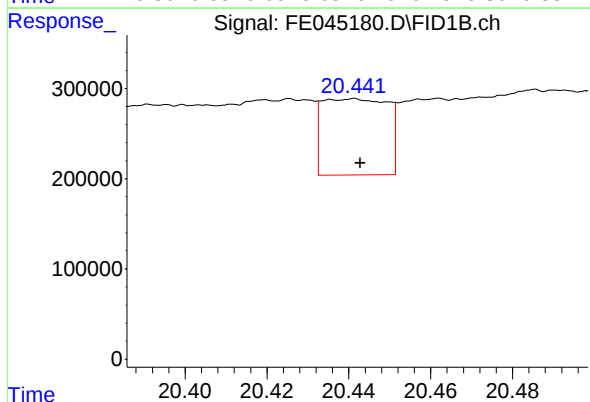
R.T.: 18.898 min
Delta R.T.: -0.019 min
Response: 1581671
Conc: 10.54 ug/ml



#19 n-Tetratriacontane (C34)

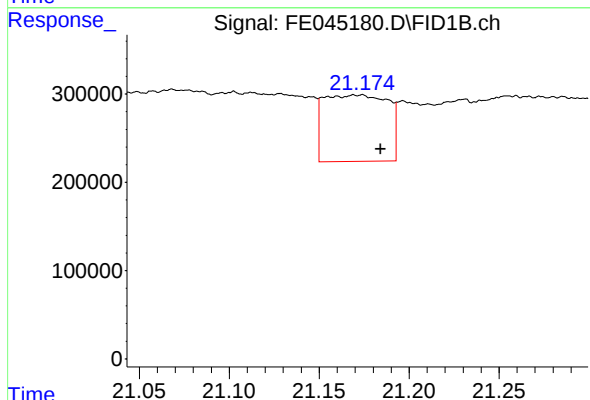
R.T.: 19.707 min
Delta R.T.: 0.005 min
Response: 2210986
Conc: 14.85 ug/ml

Instrument :
FID_E
ClientSampleId :



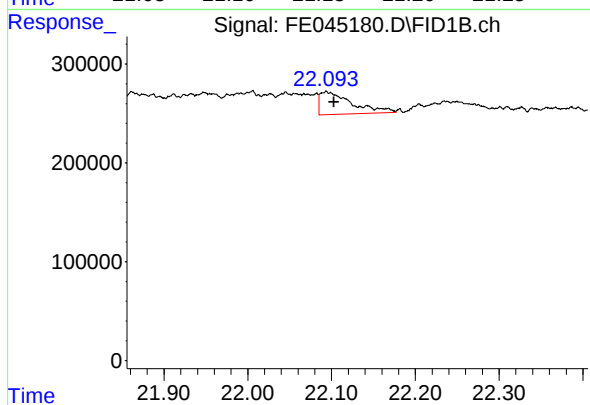
#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.002 min
Response: 930759
Conc: 6.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.010 min
Response: 1857371
Conc: 11.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.010 min
Response: 609410
Conc: 3.65 ug/ml