

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
 Data File : FE040331.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2023 19:34
 Operator : YP\AJ
 Sample : 01528-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 14 00:51:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.897	928030	5.734 ug/ml
Spiked Amount 50.000		Recovery =	11.47%
12) S 1-chlorooctadecane (S...	13.336	1001574	8.076 ug/ml
Spiked Amount 50.000		Recovery =	16.15%
Target Compounds			
6) T n-Tetradecane (C14)	8.530	135969	0.987 ug/ml
7) T n-Hexadecane (C16)	10.137	218118	1.520 ug/ml
8) T n-Octadecane (C18)	11.580	187195	1.258 ug/ml
10) T n-Eicosane (C20)	12.890	193681	1.317 ug/ml
11) T n-Heneicosane (C21)	13.505	192124	1.303 ug/ml
13) T n-Docosane (C22)	14.091	89535	0.604 ug/ml
14) T n-Tetracosane (C24)	15.186	274924	1.811 ug/ml
15) T n-Hexacosane (C26)	16.217	115877	0.782 ug/ml
16) T n-Octacosane (C28)	17.191	171714	1.146 ug/ml
17) T n-Tricontane (C30)	18.060	133995	0.908 ug/ml
18) T n-Dotriacontane (C32)	18.893	563067	3.845 ug/ml
19) T n-Tetratriacontane (C34)	19.686	225665	1.641 ug/ml
20) T n-Hexatriacontane (C36)	20.424	21849	0.165 ug/ml
22) T n-Tetracontane (C40)	22.012	188741	1.422 ug/ml

(f)=RT Delta > 1/2 Window

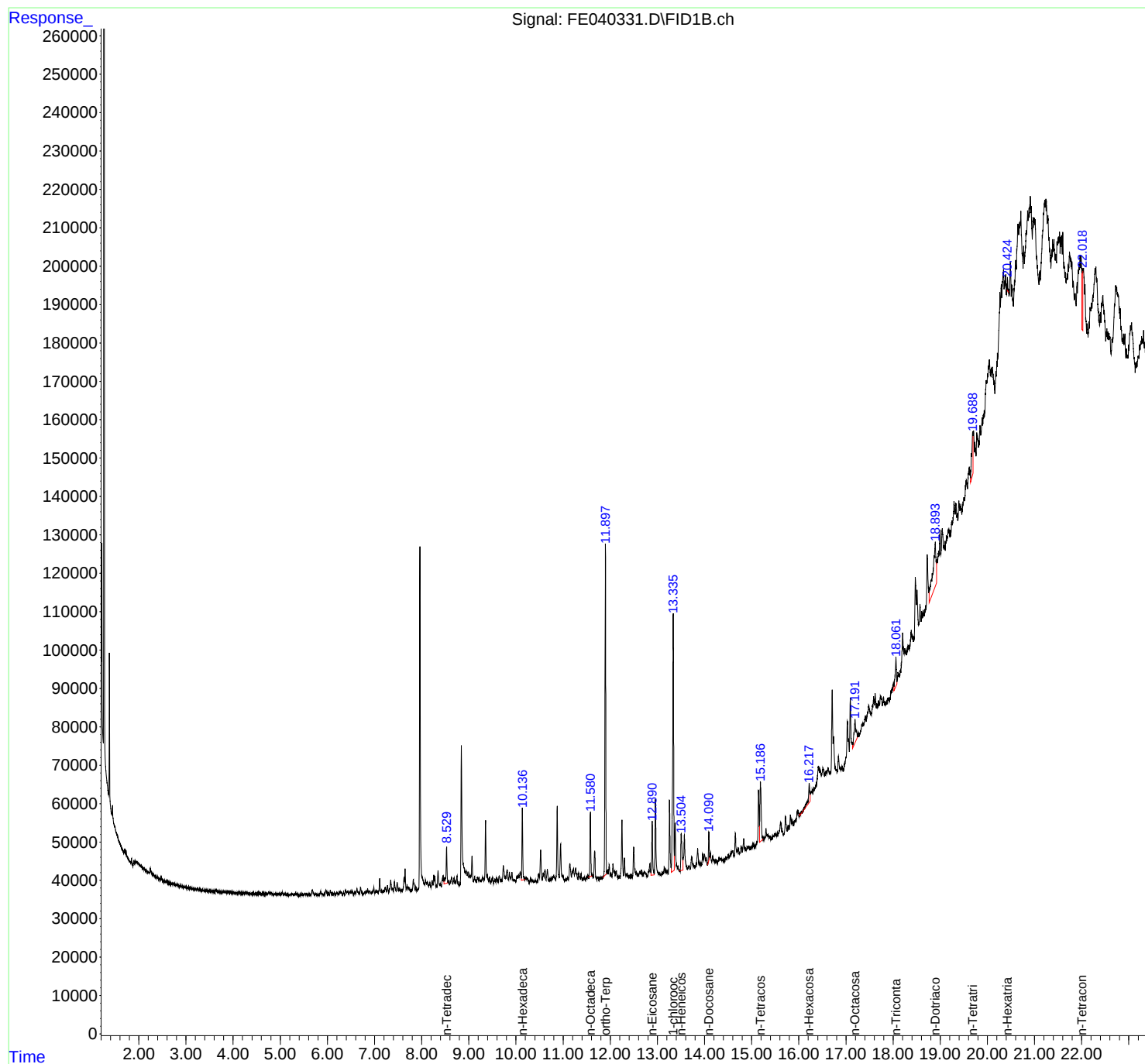
(m)=manual int.

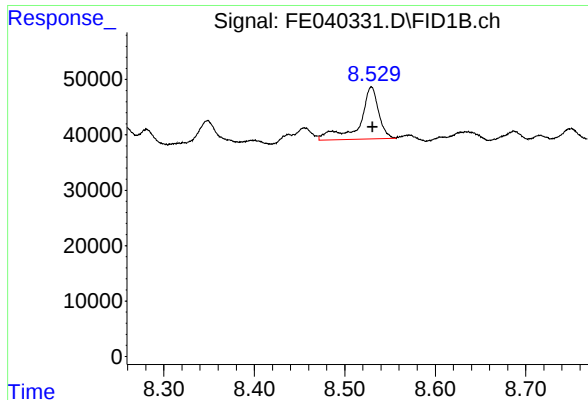
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Signal Info : 20M x 0.18mm x 0.18um

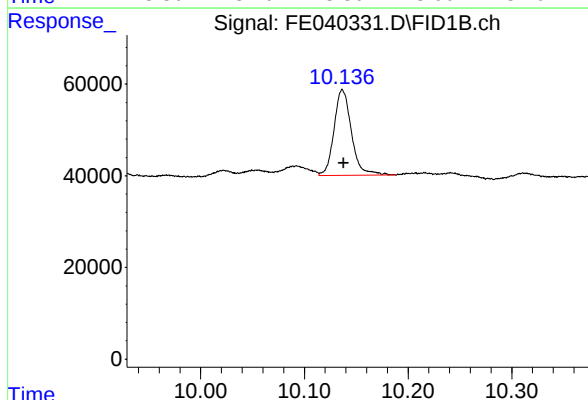




#6 n-Tetradecane (C14)

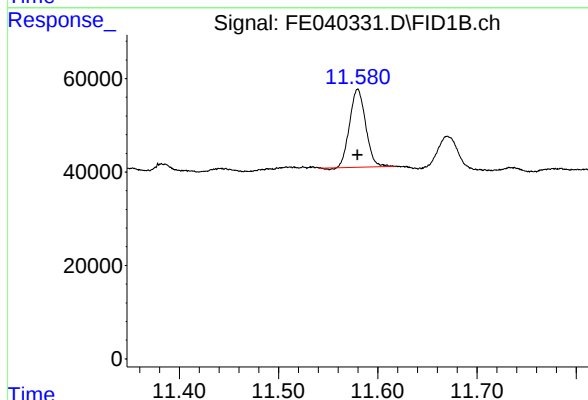
R.T.: 8.530 min
Delta R.T.: -0.001 min
Response: 135969
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



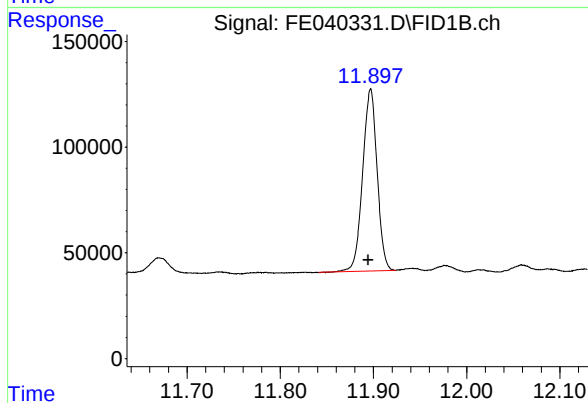
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.001 min
Response: 218118
Conc: 1.52 ug/ml



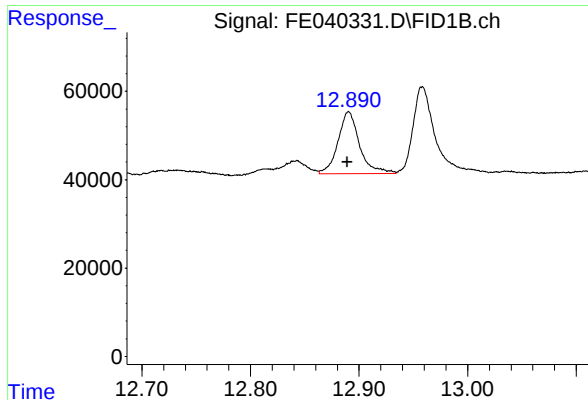
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 187195
Conc: 1.26 ug/ml



#9 ortho-Terphenyl (SURR)

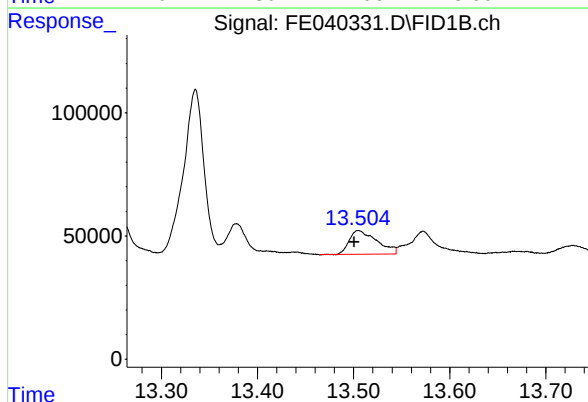
R.T.: 11.897 min
Delta R.T.: 0.002 min
Response: 928030
Conc: 5.73 ug/ml



#10 n-Eicosane (C20)

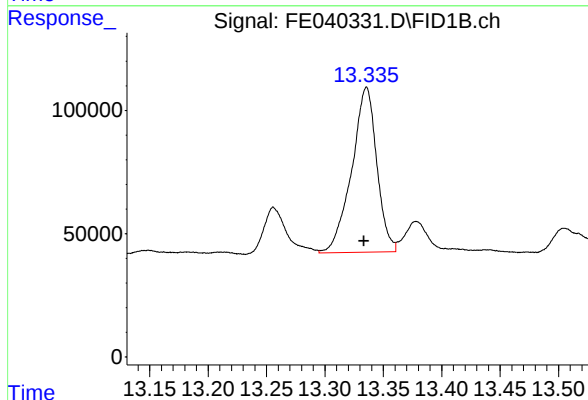
R.T.: 12.890 min
Delta R.T.: 0.001 min
Response: 193681
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :



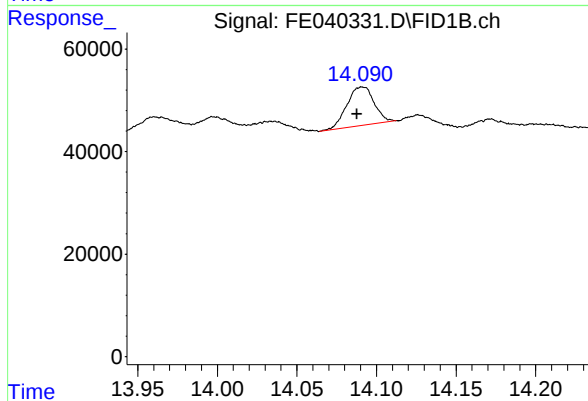
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.004 min
Response: 192124
Conc: 1.30 ug/ml



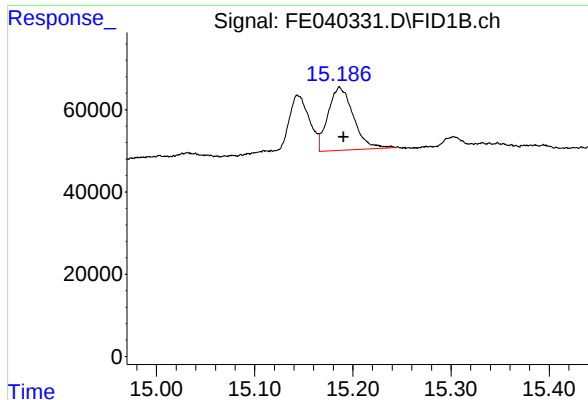
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 1001574
Conc: 8.08 ug/ml



#13 n-Docosane (C22)

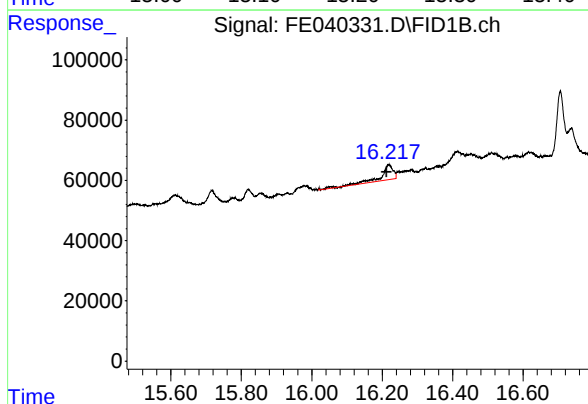
R.T.: 14.091 min
Delta R.T.: 0.004 min
Response: 89535
Conc: 0.60 ug/ml



#14 n-Tetracosane (C24)

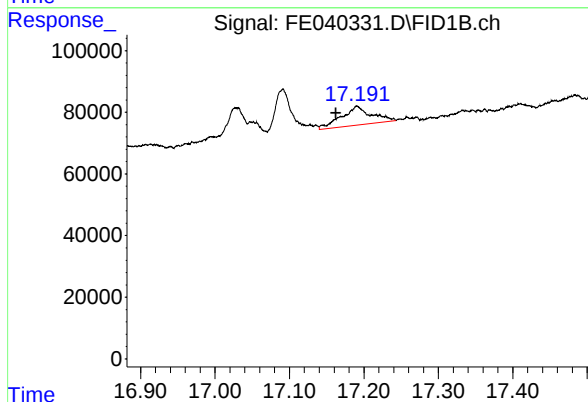
R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 274924
Conc: 1.81 ug/ml

Instrument :
FID_E
ClientSampleId :



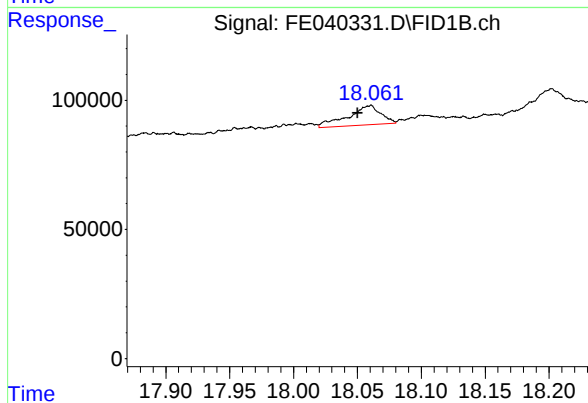
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.005 min
Response: 115877
Conc: 0.78 ug/ml



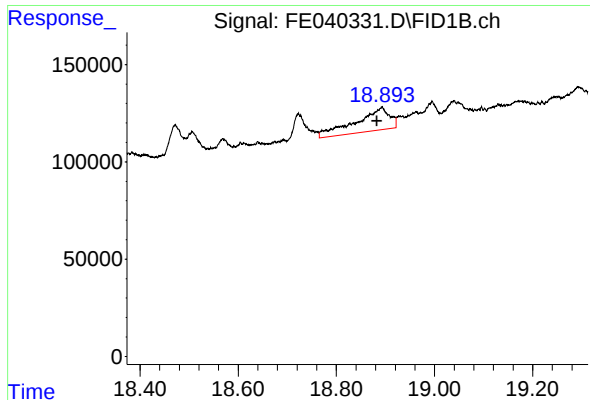
#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.028 min
Response: 171714
Conc: 1.15 ug/ml



#17 n-Tricontane (C30)

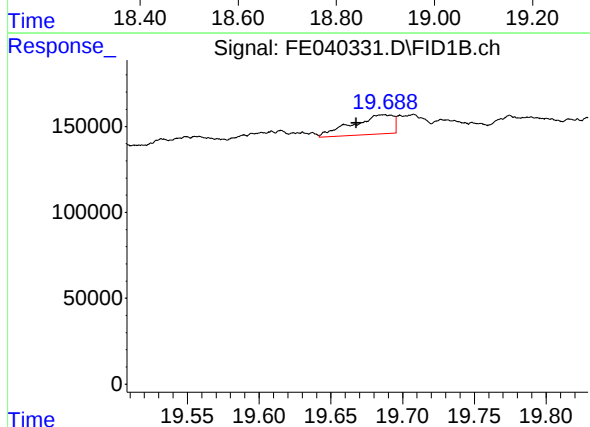
R.T.: 18.060 min
Delta R.T.: 0.010 min
Response: 133995
Conc: 0.91 ug/ml



#18 n-Dotriacontane (C32)

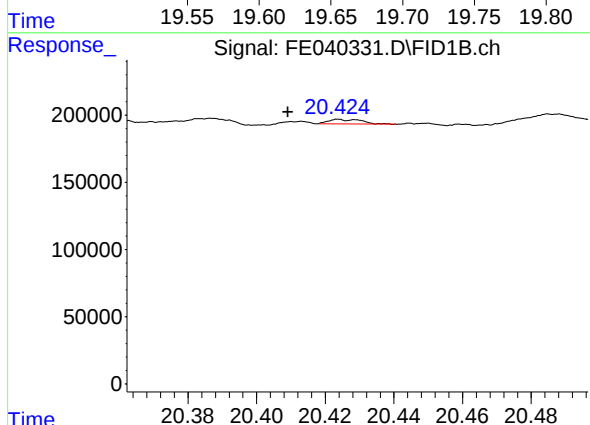
R.T.: 18.893 min
Delta R.T.: 0.010 min
Response: 563067
Conc: 3.84 ug/ml

Instrument :
FID_E
ClientSampleId :



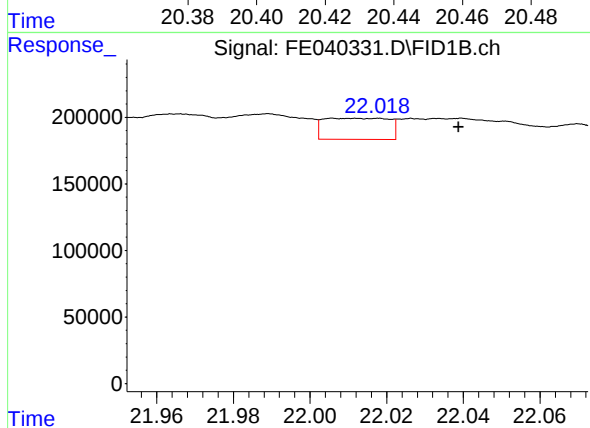
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.019 min
Response: 225665
Conc: 1.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: 0.015 min
Response: 21849
Conc: 0.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.027 min
Response: 188741
Conc: 1.42 ug/ml