

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040598.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 18:04
 Operator : YP\AJ
 Sample : 01701-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:56:04 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)	11.878	765794	4.099 ug/ml
Spiked Amount 50.000		Recovery =	8.20%
12) S 1-chlorooctadecane (S...	13.318	5228075	35.324 ug/ml
Spiked Amount 50.000		Recovery =	70.65%
Target Compounds			
4) T n-Dodecane (C12)	6.694	33942	0.222 ug/ml
7) T n-Hexadecane (C16)	10.130	32759	0.203 ug/ml
8) T n-Octadecane (C18)	11.567	55427	0.326 ug/ml
10) T n-Eicosane (C20)	12.875	53078	0.314 ug/ml
13) T n-Docosane (C22)	14.079	40124	0.234 ug/ml
14) T n-Tetracosane (C24)	15.185	47810	0.277 ug/ml
15) T n-Hexacosane (C26)	16.207	29823	0.175 ug/ml
16) T n-Octacosane (C28)	17.155	33035	0.197 ug/ml
17) T n-Tricontane (C30)	18.041	45536	0.279 ug/ml
18) T n-Dotriacontane (C32)	18.886	152775	0.893 ug/ml
19) T n-Tetratriacontane (C34)	19.659	42837	0.277 ug/ml
20) T n-Hexatriacontane (C36)	20.400	56578	0.389 ug/ml
22) T n-Tetracontane (C40)	22.065	178758	1.157 ug/ml

(f)=RT Delta > 1/2 Window

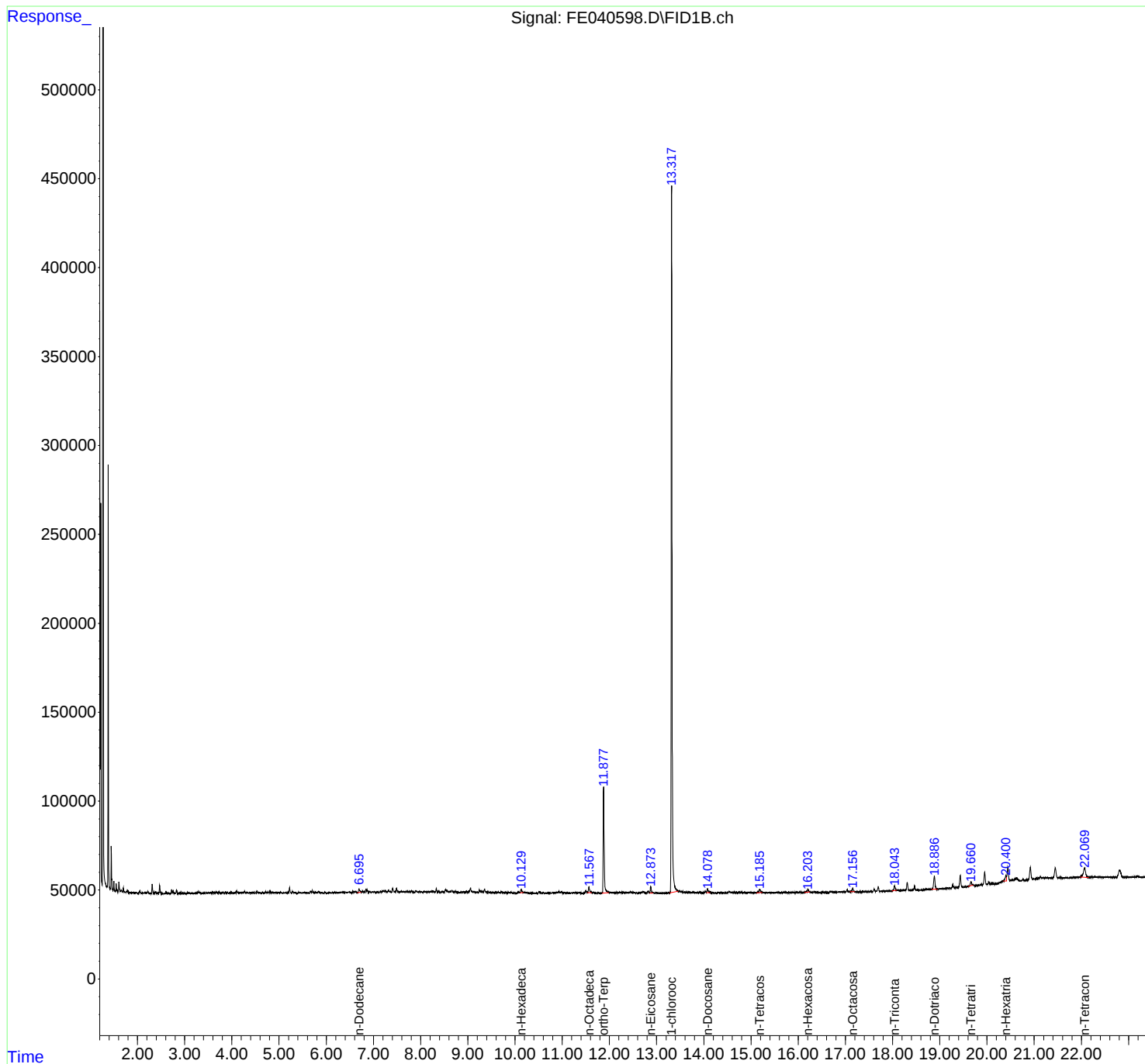
(m)=manual int.

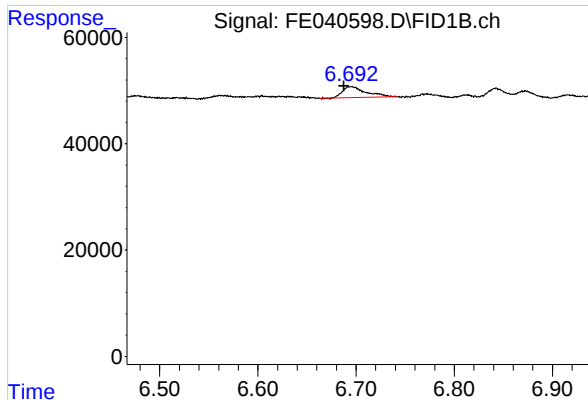
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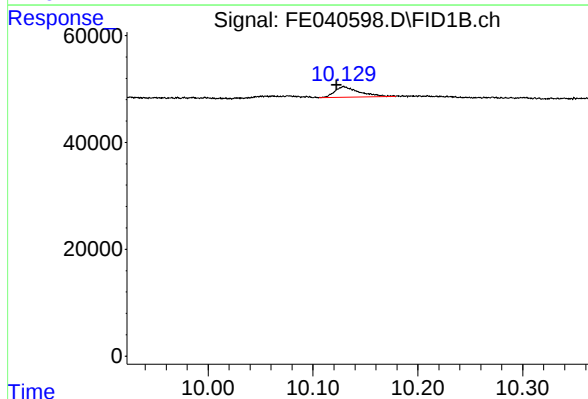
#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: 0.007 min
Response: 33942
Conc: 0.22 ug/ml

Instrument :

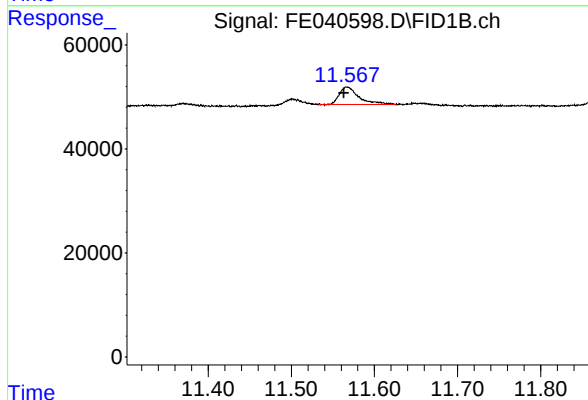
FID_E

ClientSampleId :



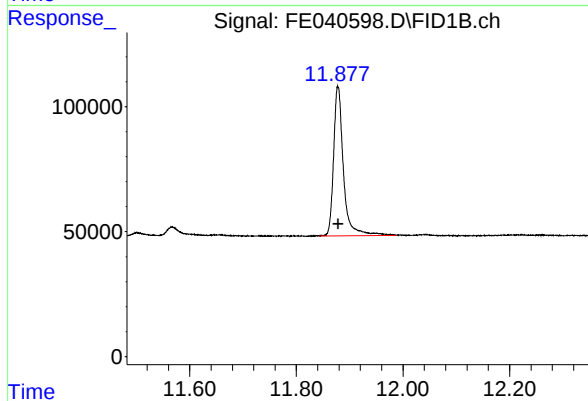
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.007 min
Response: 32759
Conc: 0.20 ug/ml



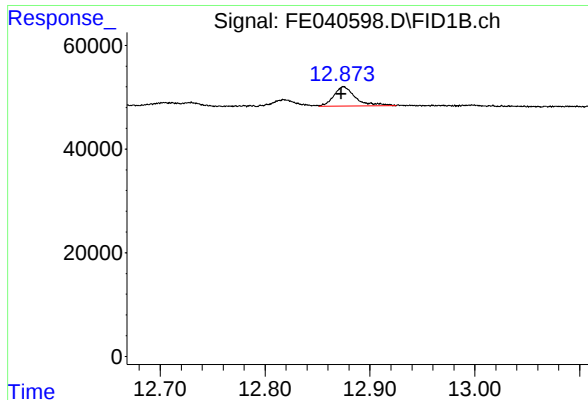
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 55427
Conc: 0.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.000 min
Response: 765794
Conc: 4.10 ug/ml



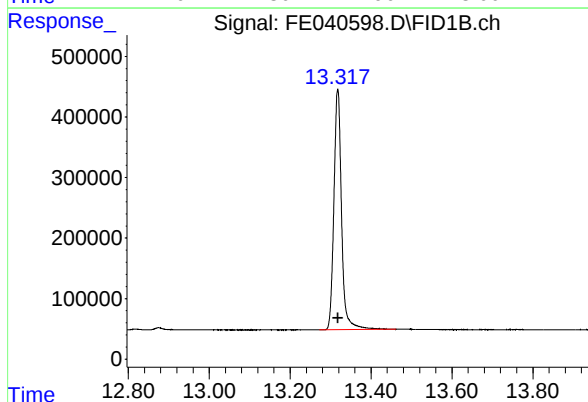
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 53078
Conc: 0.31 ug/ml

Instrument :

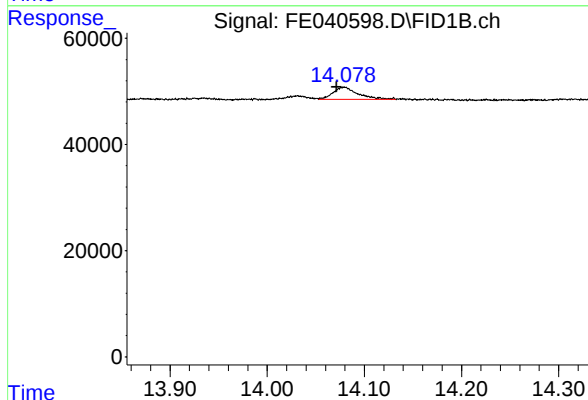
FID_E

ClientSampleId :



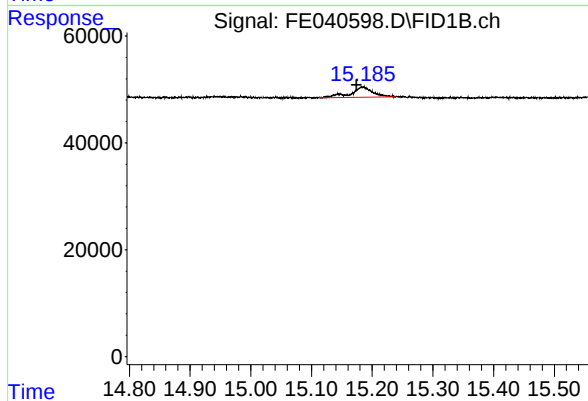
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 5228075
Conc: 35.32 ug/ml



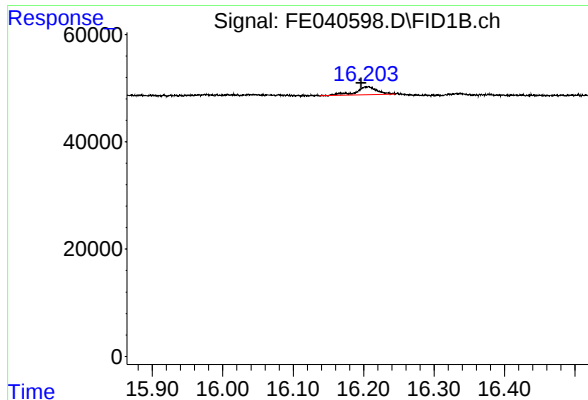
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.008 min
Response: 40124
Conc: 0.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: 0.011 min
Response: 47810
Conc: 0.28 ug/ml



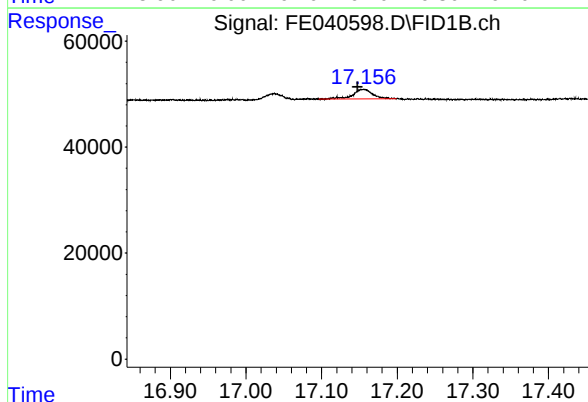
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: 0.010 min
Response: 29823
Conc: 0.18 ug/ml

Instrument :

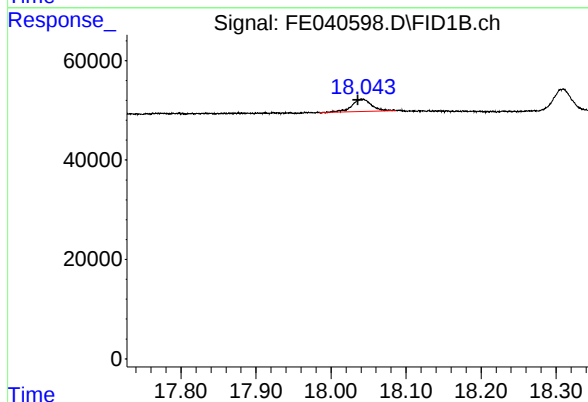
FID_E

ClientSampleId :



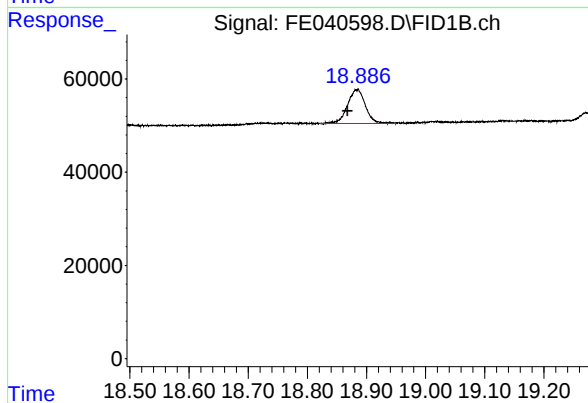
#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: 0.008 min
Response: 33035
Conc: 0.20 ug/ml



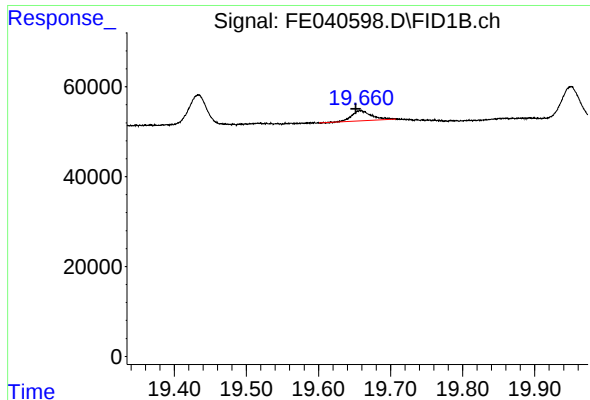
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 45536
Conc: 0.28 ug/ml



#18 n-Dotriacontane (C32)

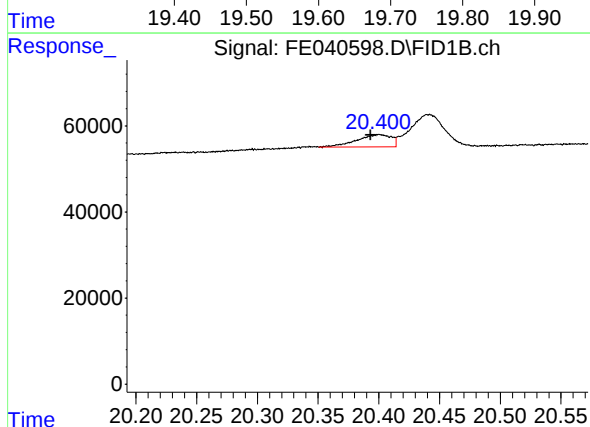
R.T.: 18.886 min
Delta R.T.: 0.017 min
Response: 152775
Conc: 0.89 ug/ml



#19 n-Tetratriacontane (C34)

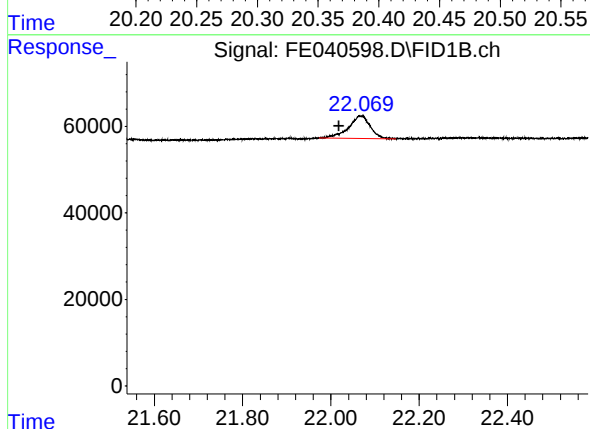
R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 42837
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.007 min
Response: 56578
Conc: 0.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: 0.047 min
Response: 178758
Conc: 1.16 ug/ml