

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103023AL\
 Data File : FE045097.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2023 15:16
 Operator : YP\AJ
 Sample : 05090-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 23:34:43 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)	11.895	1702286	8.492 ug/ml
Spiked Amount 50.000		Recovery =	16.98%
12) S 1-chlorooctadecane (S...	13.338	1181126	7.981 ug/ml
Spiked Amount 50.000		Recovery =	15.96%
Target Compounds			
7) T n-Hexadecane (C16)	10.135	52367	0.299 ug/ml
8) T n-Octadecane (C18)	11.580	189600	1.087 ug/ml
10) T n-Eicosane (C20)	12.894	189757	1.136 ug/ml
11) T n-Heneicosane (C21)	13.507	80301	0.493 ug/ml
13) T n-Docosane (C22)	14.093	169650	1.061 ug/ml
14) T n-Tetracosane (C24)	15.198	261868	1.687 ug/ml
15) T n-Hexacosane (C26)	16.221	345736	2.303 ug/ml
16) T n-Octacosane (C28)	17.173	430922	2.935 ug/ml
17) T n-Tricontane (C30)	18.063	412028	2.770 ug/ml
18) T n-Dotriacontane (C32)	18.900	403567	2.689 ug/ml
19) T n-Tetratriacontane (C34)	19.683	190147	1.277 ug/ml
20) T n-Hexatriacontane (C36)	20.427	104933	0.683 ug/ml

(f)=RT Delta > 1/2 Window

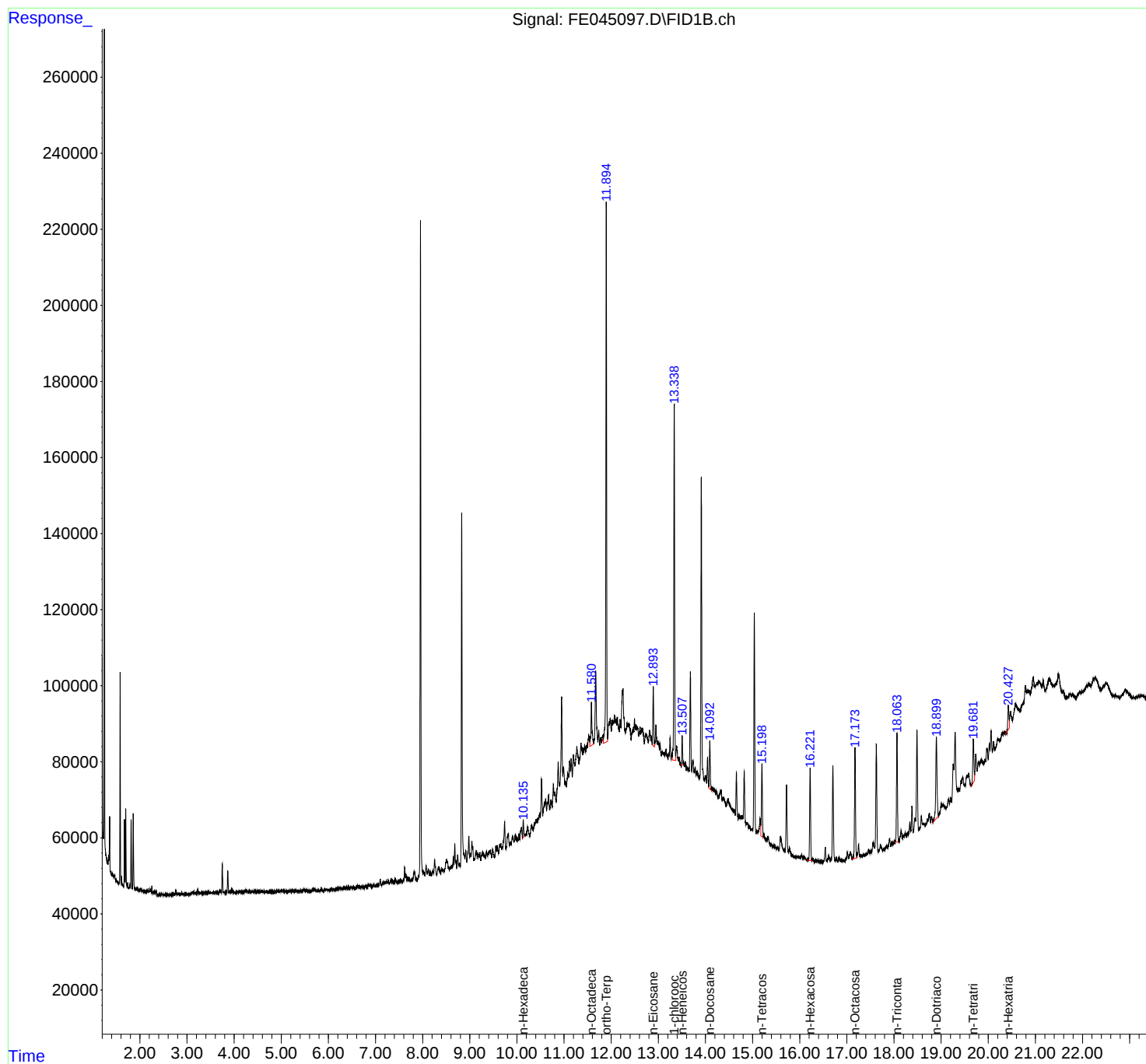
(m)=manual int.

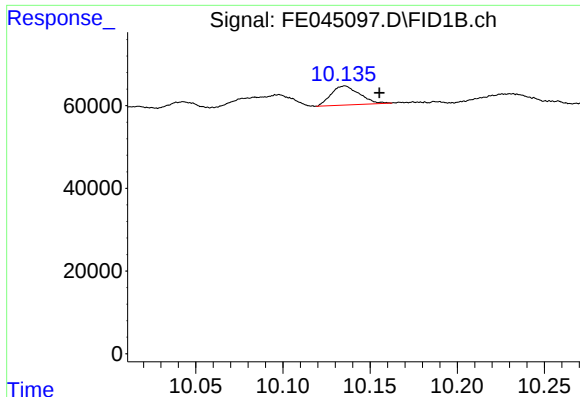
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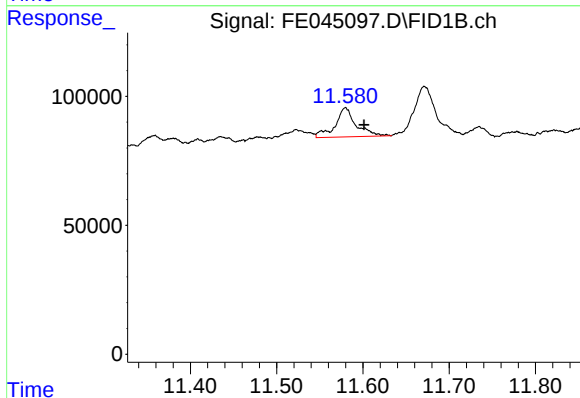




#7 n-Hexadecane (C16)

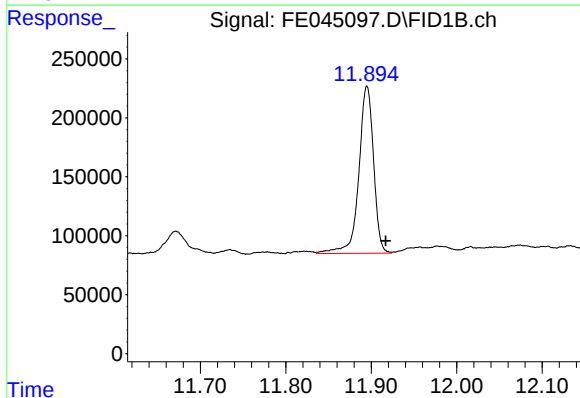
R.T.: 10.135 min
Delta R.T.: -0.020 min
Response: 52367
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



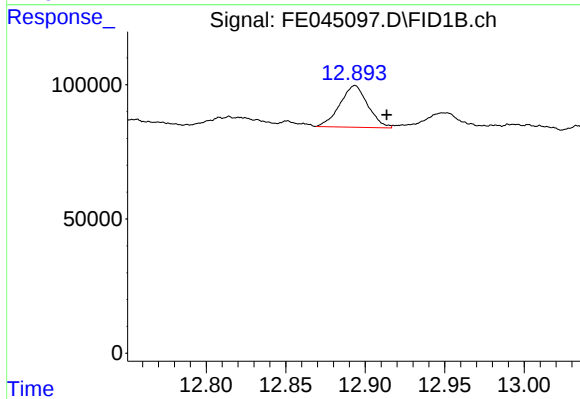
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.021 min
Response: 189600
Conc: 1.09 ug/ml



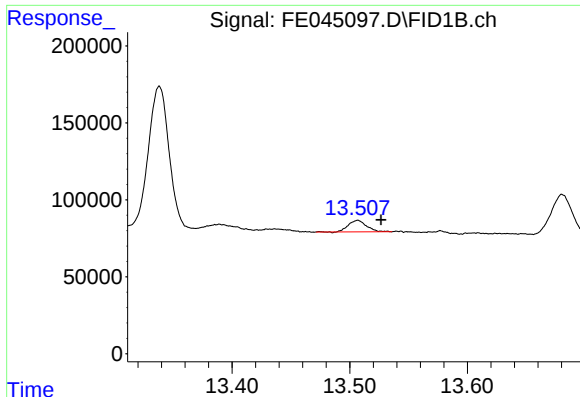
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 1702286
Conc: 8.49 ug/ml



#10 n-Eicosane (C20)

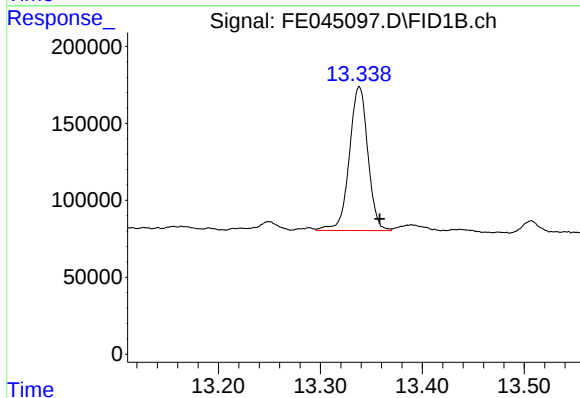
R.T.: 12.894 min
Delta R.T.: -0.020 min
Response: 189757
Conc: 1.14 ug/ml



#11 n-Heneicosane (C21)

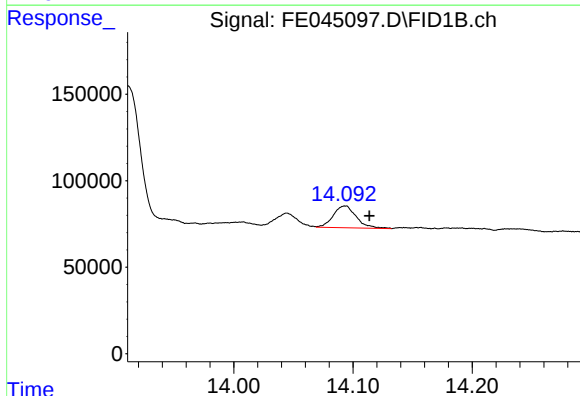
R.T.: 13.507 min
Delta R.T.: -0.020 min
Response: 80301
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



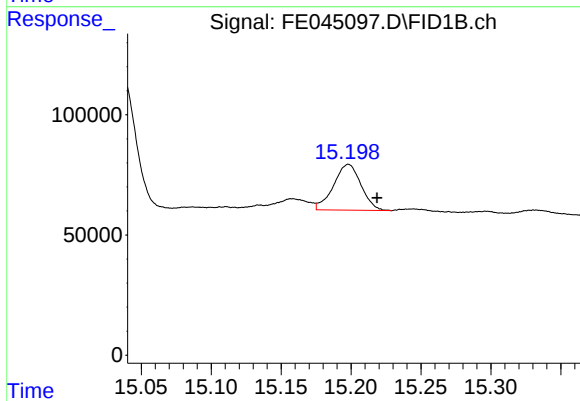
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.020 min
Response: 1181126
Conc: 7.98 ug/ml



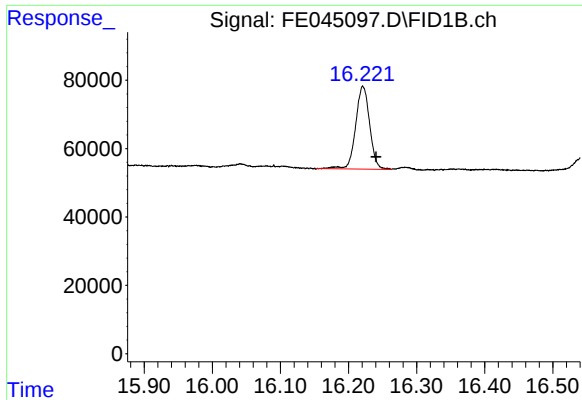
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.020 min
Response: 169650
Conc: 1.06 ug/ml



#14 n-Tetracosane (C24)

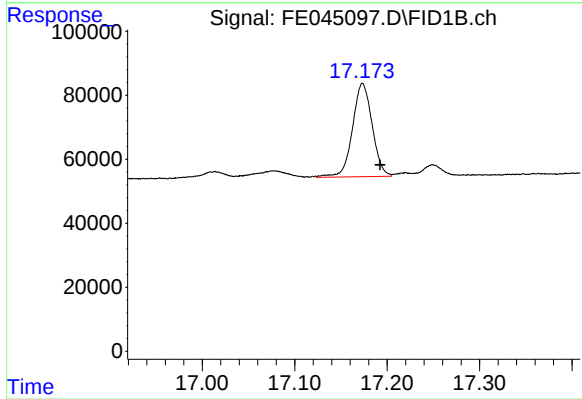
R.T.: 15.198 min
Delta R.T.: -0.020 min
Response: 261868
Conc: 1.69 ug/ml



#15 n-Hexacosane (C26)

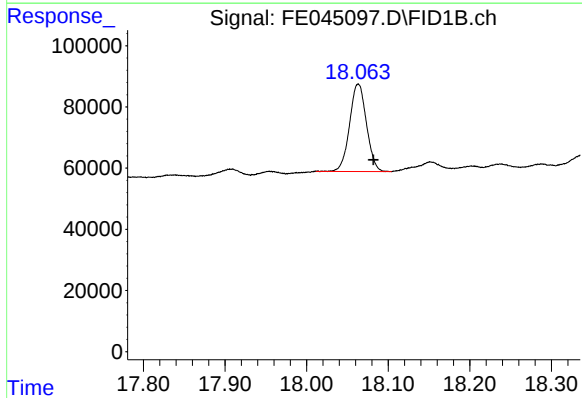
R.T.: 16.221 min
Delta R.T.: -0.019 min
Response: 345736
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :



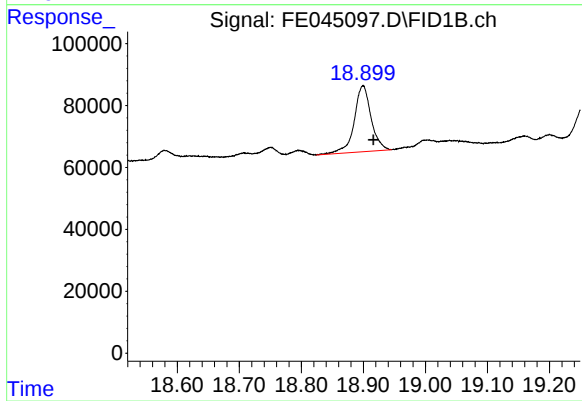
#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.019 min
Response: 430922
Conc: 2.93 ug/ml



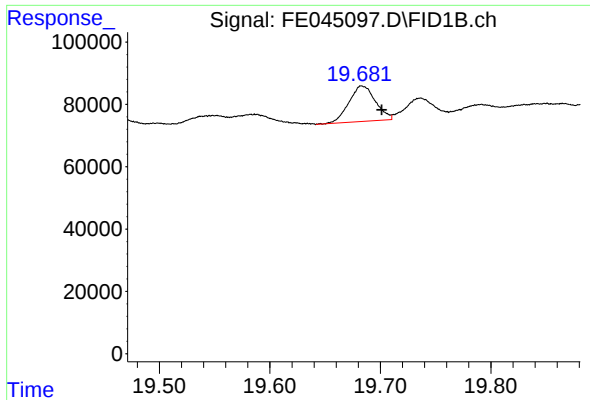
#17 n-Tricontane (C30)

R.T.: 18.063 min
Delta R.T.: -0.019 min
Response: 412028
Conc: 2.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.017 min
Response: 403567
Conc: 2.69 ug/ml



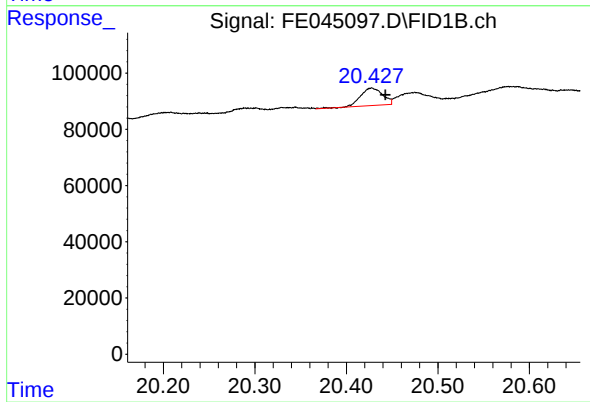
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.018 min
Response: 190147
Conc: 1.28 ug/ml

Instrument :

FID_E

ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.015 min
Response: 104933
Conc: 0.68 ug/ml