

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
 Data File : FE039698.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 17:04
 Operator : YP\AJ
 Sample : 01051-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 09 17:52:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.930	5523122	37.010 ug/ml
Spiked Amount 50.000		Recovery =	74.02%
12) S 1-chlorooctadecane (S...	13.368	4673465	40.604 ug/ml
Spiked Amount 50.000		Recovery =	81.21%
Target Compounds			
6) T n-Tetradecane (C14)	8.558	113721	0.858 ug/ml
7) T n-Hexadecane (C16)	10.166	238024	1.730 ug/ml
8) T n-Octadecane (C18)	11.635	255411	1.824 ug/ml
10) T n-Eicosane (C20)	12.926	2509779	18.386 ug/ml
13) T n-Docosane (C22)	14.101	533586	3.944 ug/ml
14) T n-Tetracosane (C24)	15.251	91722	0.683 ug/ml
15) T n-Hexacosane (C26)	16.238	68352	0.525 ug/ml
16) T n-Octacosane (C28)	17.194	244326	1.898 ug/ml
17) T n-Tricontane (C30)	18.068	78667	0.611 ug/ml
18) T n-Dotriacontane (C32)	18.904	140400	1.084 ug/ml
19) T n-Tetratriacontane (C34)	19.717	73708	0.584 ug/ml
20) T n-Hexatriacontane (C36)	20.428	33537	0.277 ug/ml
21) T n-Octatriacontane (C38)	21.162	84875	0.687 ug/ml
22) T n-Tetracontane (C40)	22.075	127993	1.019 ug/ml

(f)=RT Delta > 1/2 Window

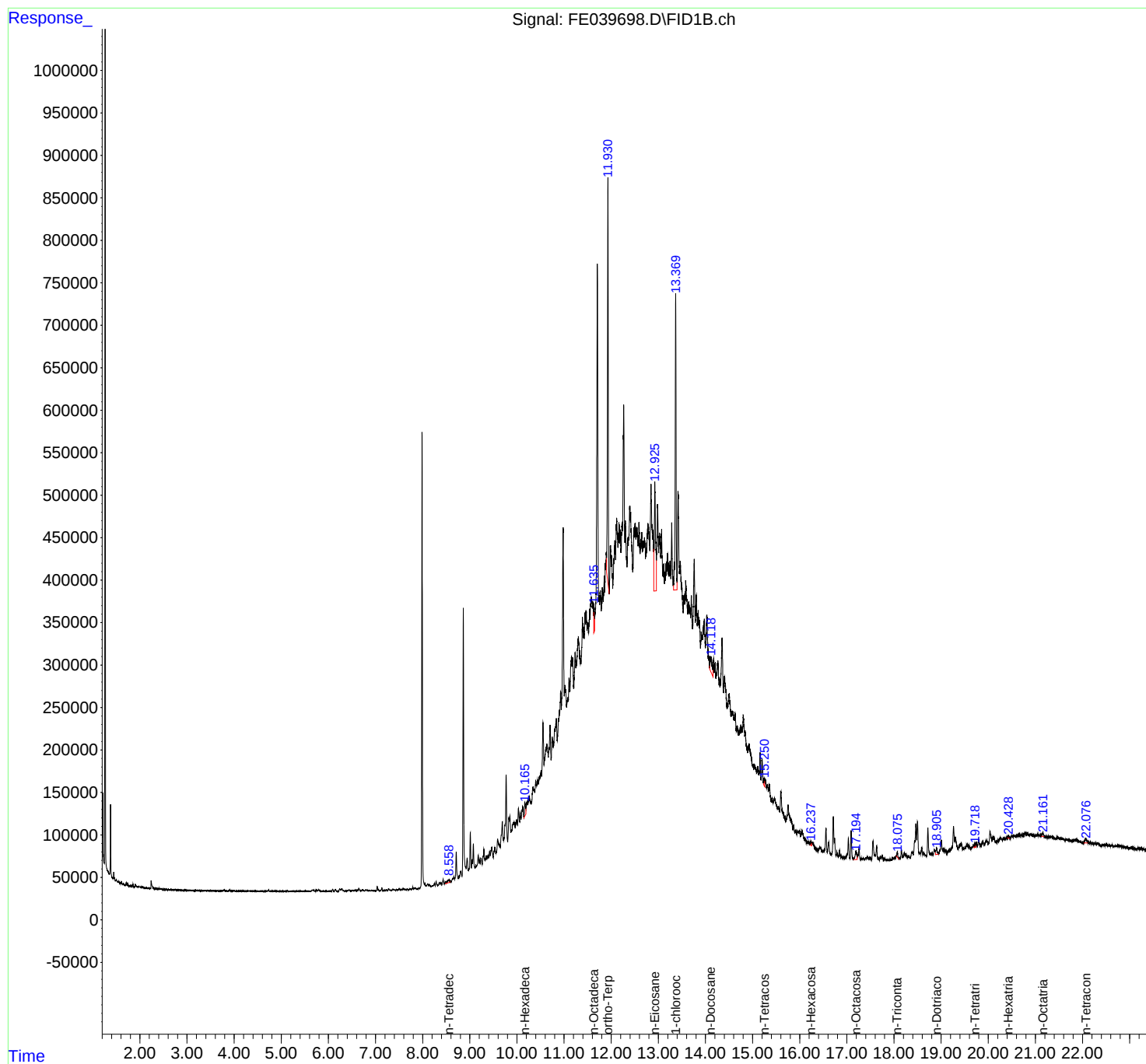
(m)=manual int.

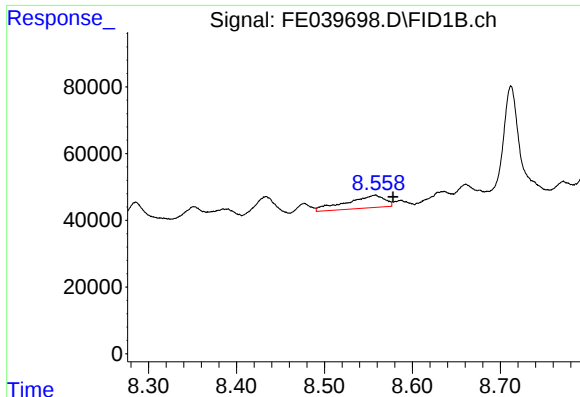
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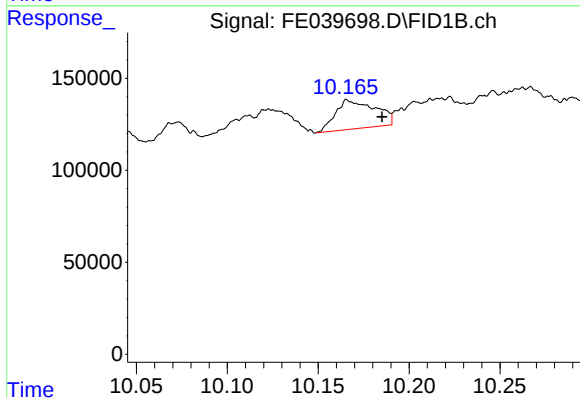




#6 n-Tetradecane (C14)

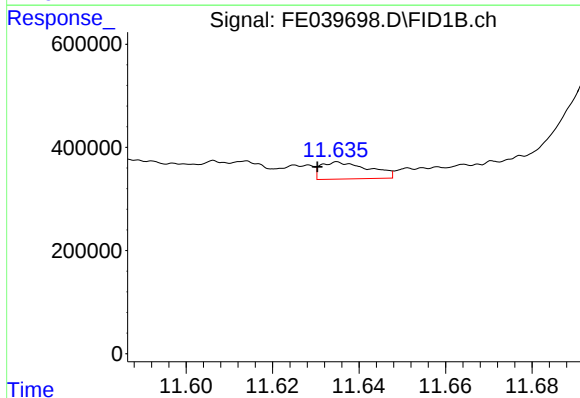
R.T.: 8.558 min
Delta R.T.: -0.020 min
Response: 113721
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



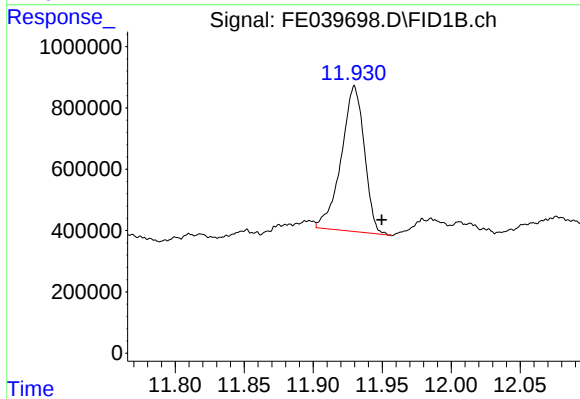
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 238024
Conc: 1.73 ug/ml



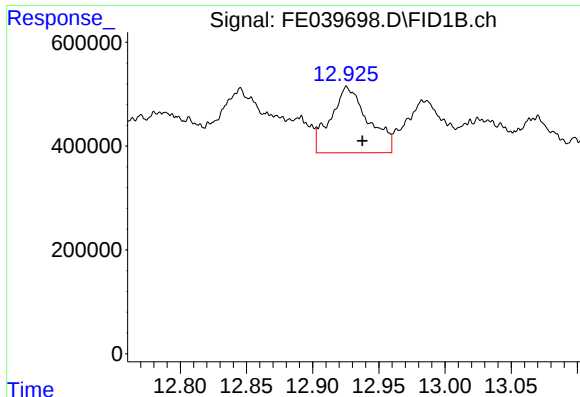
#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.005 min
Response: 255411
Conc: 1.82 ug/ml



#9 ortho-Terphenyl (SURR)

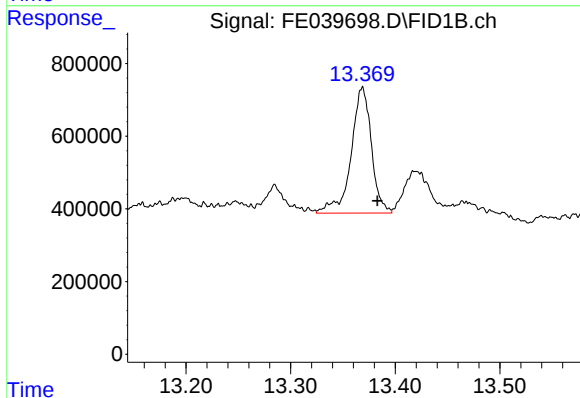
R.T.: 11.930 min
Delta R.T.: -0.020 min
Response: 5523122
Conc: 37.01 ug/ml



#10 n-Eicosane (C20)

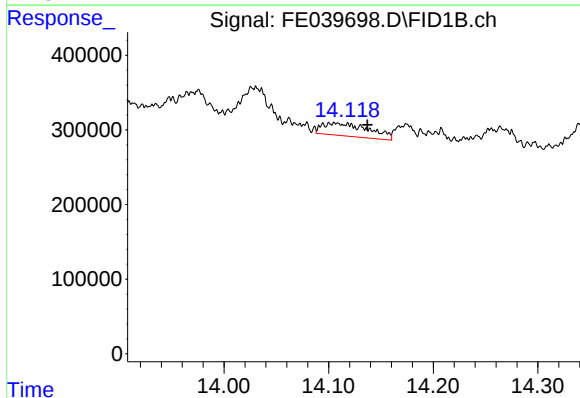
R.T.: 12.926 min
Delta R.T.: -0.012 min
Response: 2509779
Conc: 18.39 ug/ml

Instrument :
FID_E
ClientSampleId :



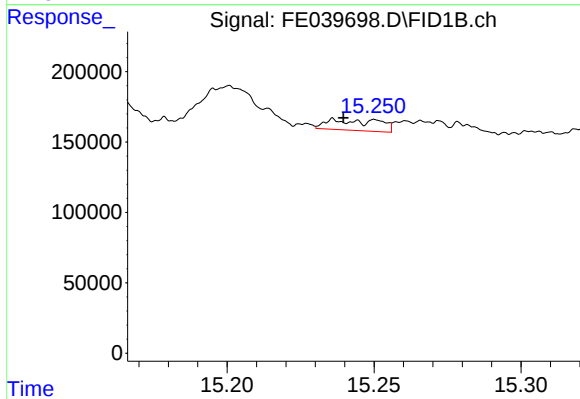
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.014 min
Response: 4673465
Conc: 40.60 ug/ml



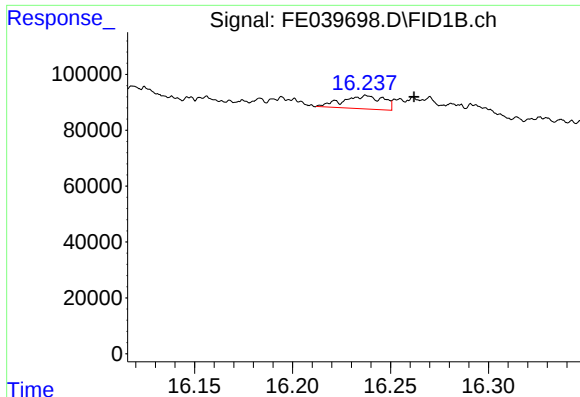
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.036 min
Response: 533586
Conc: 3.94 ug/ml



#14 n-Tetracosane (C24)

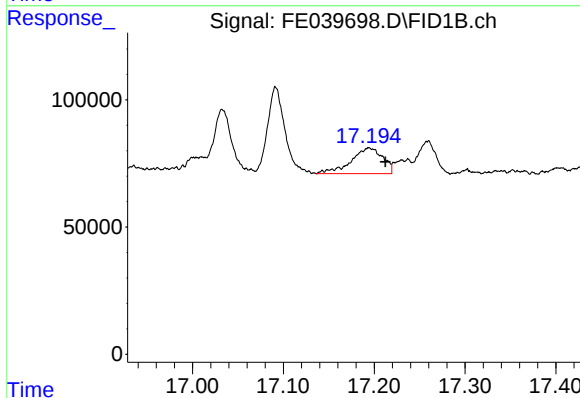
R.T.: 15.251 min
Delta R.T.: 0.011 min
Response: 91722
Conc: 0.68 ug/ml



#15 n-Hexacosane (C26)

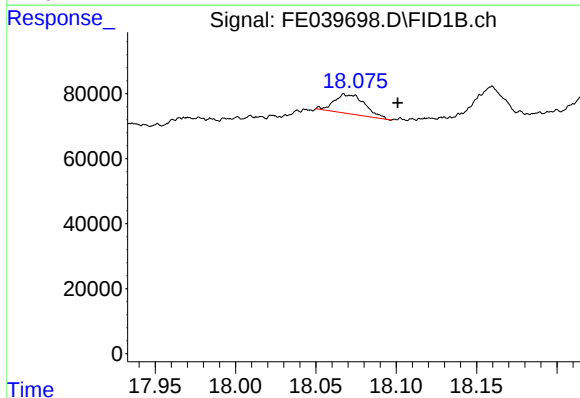
R.T.: 16.238 min
Delta R.T.: -0.024 min
Response: 68352
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



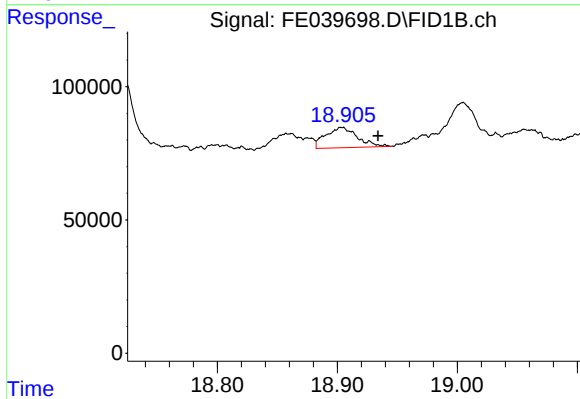
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.018 min
Response: 244326
Conc: 1.90 ug/ml



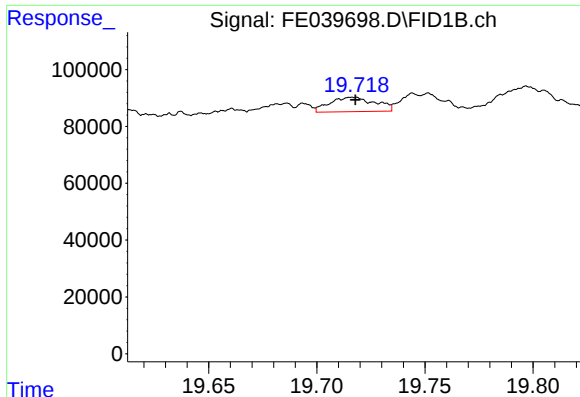
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.033 min
Response: 78667
Conc: 0.61 ug/ml



#18 n-Dotriacontane (C32)

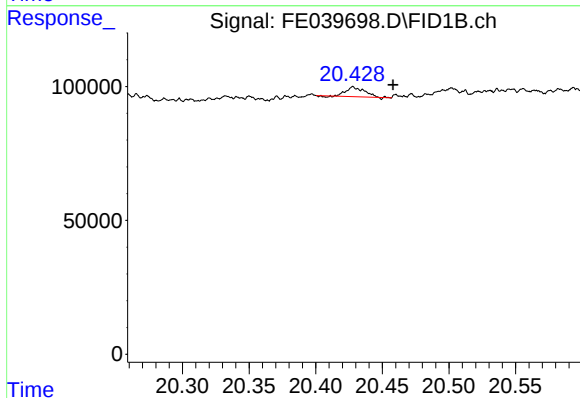
R.T.: 18.904 min
Delta R.T.: -0.030 min
Response: 140400
Conc: 1.08 ug/ml



#19 n-Tetratriacontane (C34)

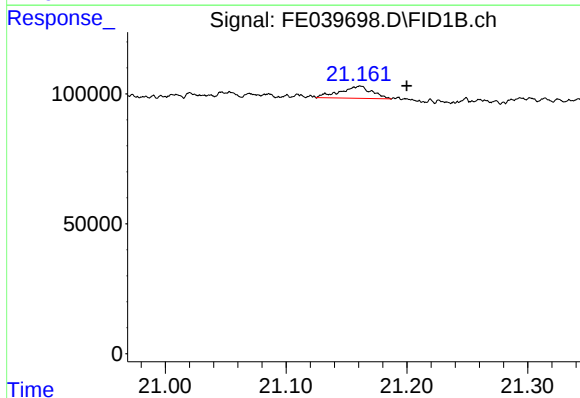
R.T.: 19.717 min
Delta R.T.: -0.001 min
Response: 73708
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :



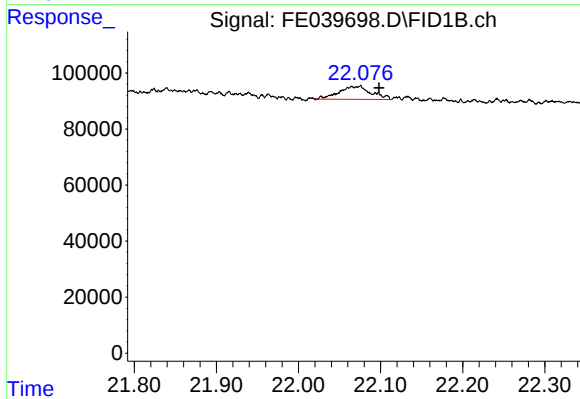
#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.030 min
Response: 33537
Conc: 0.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.038 min
Response: 84875
Conc: 0.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.023 min
Response: 127993
Conc: 1.02 ug/ml