

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040523AL\
 Data File : FE041172.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2023 09:27
 Operator : YP\AJ
 Sample : 02170-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 05 10:48:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.847	864885	4.602 ug/ml
Spiked Amount 50.000		Recovery =	9.20%
12) S 1-chlorooctadecane (S...	13.287	778341	5.410 ug/ml
Spiked Amount 50.000		Recovery =	10.82%
Target Compounds			
7) T n-Hexadecane (C16)	10.091	33416	0.188 ug/ml
8) T n-Octadecane (C18)	11.532	32902	0.184 ug/ml
10) T n-Eicosane (C20)	12.842	55436	0.325 ug/ml
11) T n-Heneicosane (C21)	13.455	19669	0.116 ug/ml
13) T n-Docosane (C22)	14.041	35309	0.213 ug/ml
14) T n-Tetracosane (C24)	15.141	269752	1.667 ug/ml
16) T n-Octacosane (C28)	17.118	37334	0.244 ug/ml
17) T n-Tricontane (C30)	18.007	77361	0.506 ug/ml
18) T n-Dotriacontane (C32)	18.840	113123	0.725 ug/ml
19) T n-Tetratriacontane (C34)	19.626	76108	0.491 ug/ml
20) T n-Hexatriacontane (C36)	20.364	79608	0.524 ug/ml
21) T n-Octatriacontane (C38)	21.095	64853	0.415 ug/ml
22) T n-Tetracontane (C40)	21.975	84726	0.531 ug/ml

(f)=RT Delta > 1/2 Window

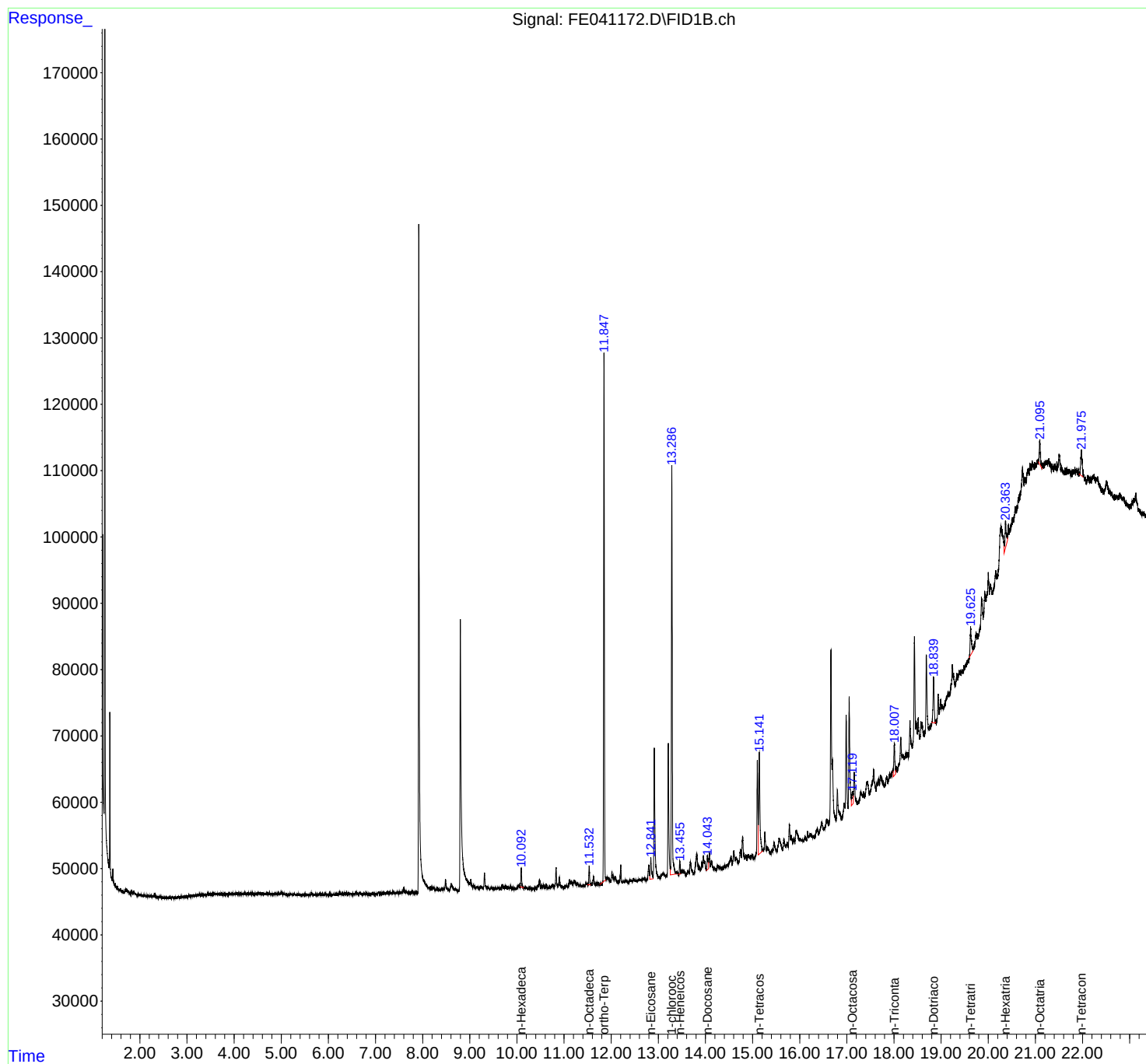
(m)=manual int.

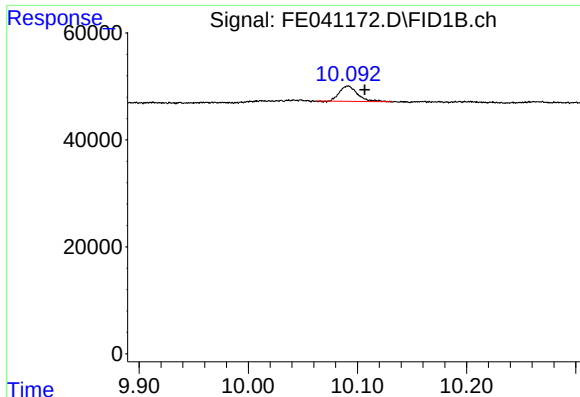
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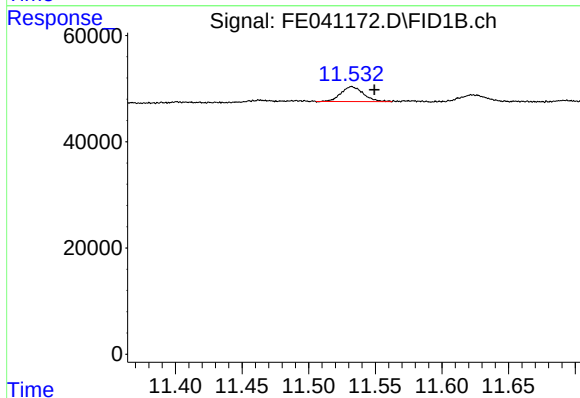




#7 n-Hexadecane (C16)

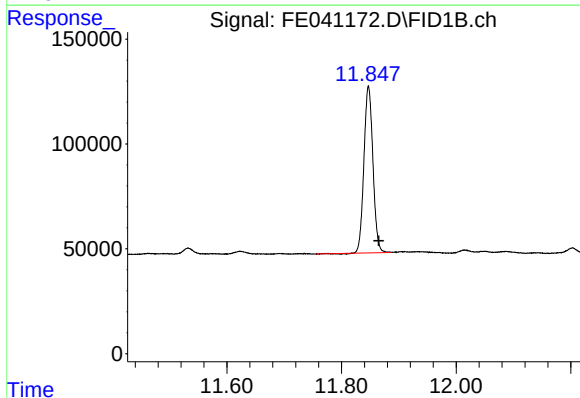
R.T.: 10.091 min
Delta R.T.: -0.015 min
Response: 33416
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



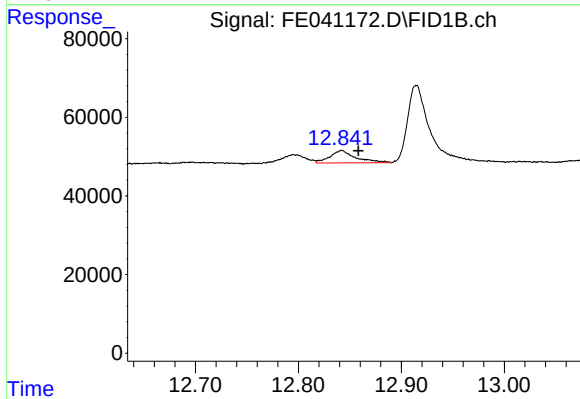
#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.017 min
Response: 32902
Conc: 0.18 ug/ml



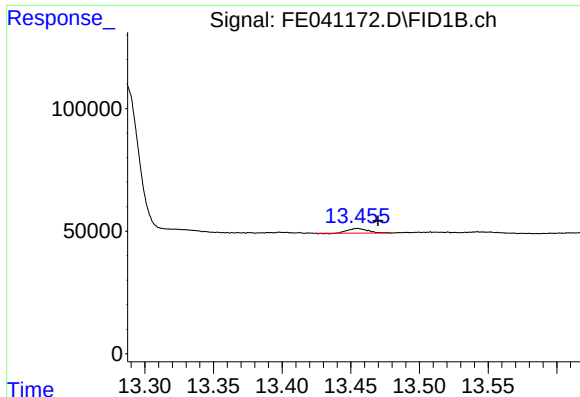
#9 ortho-Terphenyl (SURR)

R.T.: 11.847 min
Delta R.T.: -0.018 min
Response: 864885
Conc: 4.60 ug/ml



#10 n-Eicosane (C20)

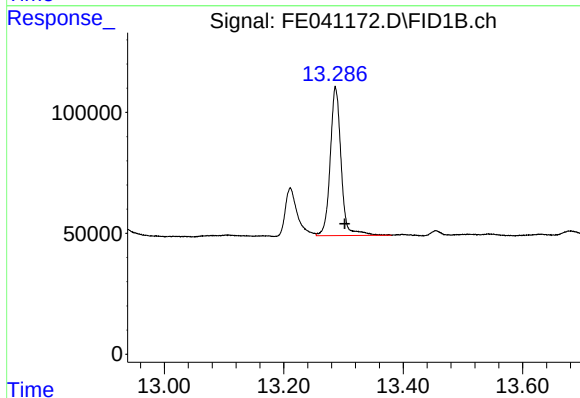
R.T.: 12.842 min
Delta R.T.: -0.016 min
Response: 55436
Conc: 0.32 ug/ml



#11 n-Heneicosane (C21)

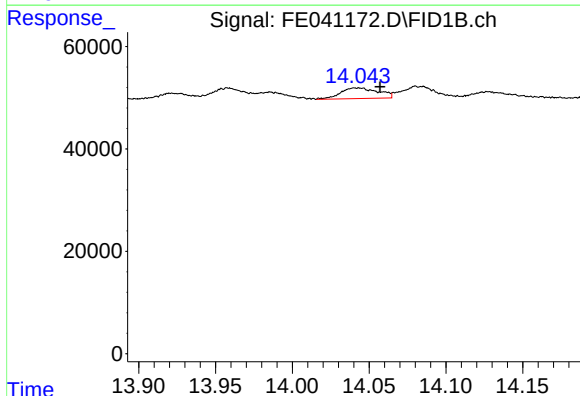
R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 19669
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



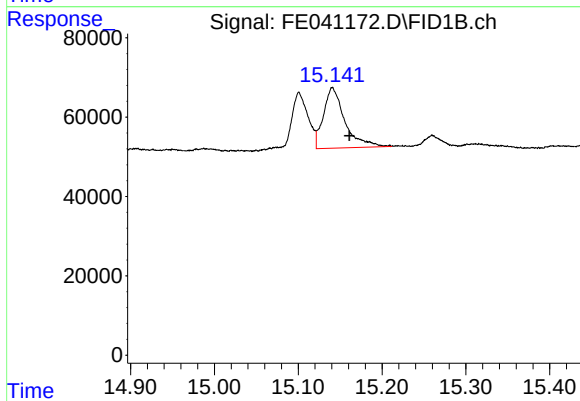
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.015 min
Response: 778341
Conc: 5.41 ug/ml



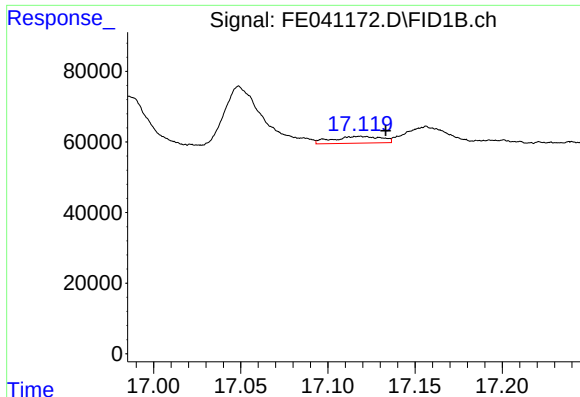
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.016 min
Response: 35309
Conc: 0.21 ug/ml



#14 n-Tetracosane (C24)

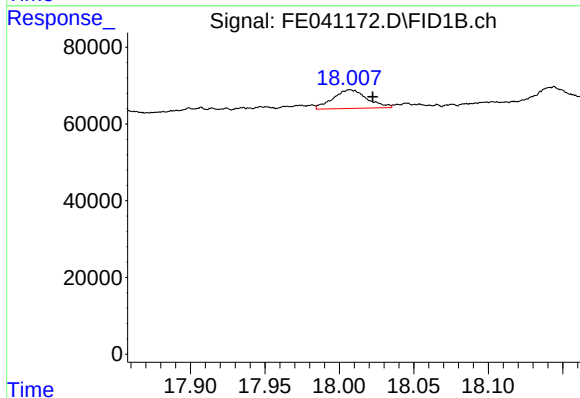
R.T.: 15.141 min
Delta R.T.: -0.020 min
Response: 269752
Conc: 1.67 ug/ml



#16 n-Octacosane (C28)

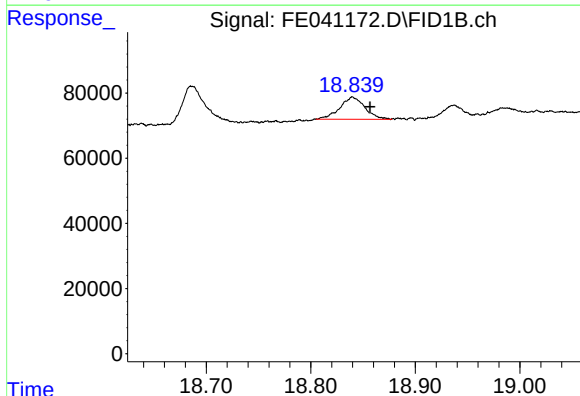
R.T.: 17.118 min
Delta R.T.: -0.015 min
Response: 37334
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



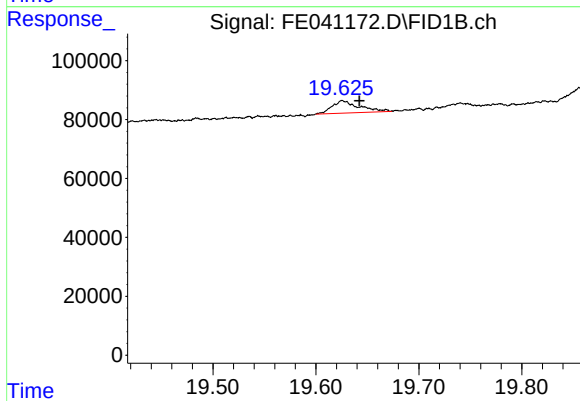
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.015 min
Response: 77361
Conc: 0.51 ug/ml



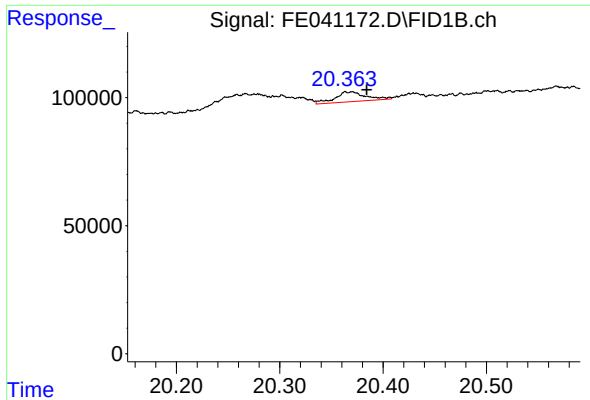
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.017 min
Response: 113123
Conc: 0.72 ug/ml



#19 n-Tetratriacontane (C34)

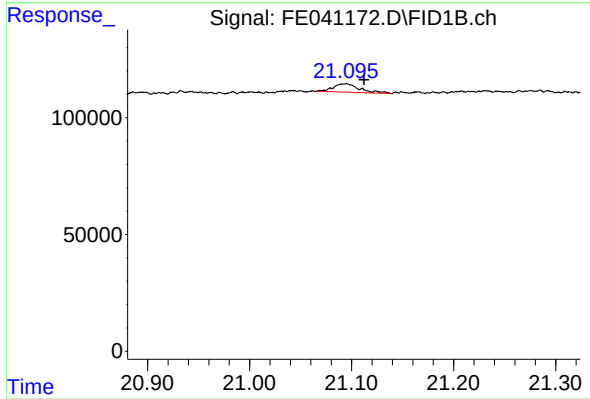
R.T.: 19.626 min
Delta R.T.: -0.017 min
Response: 76108
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

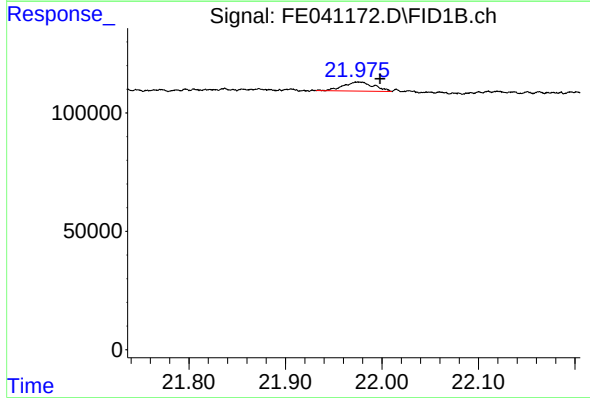
R.T.: 20.364 min
Delta R.T.: -0.020 min
Response: 79608
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.018 min
Response: 64853
Conc: 0.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.023 min
Response: 84726
Conc: 0.53 ug/ml