

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
 Data File : FE050129.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2024 19:54
 Operator : YP\AJ
 Sample : P4002-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 17 01:40:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.876	4167212	28.009 ug/ml
Spiked Amount 50.000		Recovery =	56.02%
12) S 1-chlorooctadecane (S...	13.311	3288940	29.280 ug/ml
Spiked Amount 50.000		Recovery =	58.56%
Target Compounds			
2) T n-Decane (C10)	4.514	34976	0.253 ug/ml
7) T n-Hexadecane (C16)	10.115	50881	0.366 ug/ml
8) T n-Octadecane (C18)	11.555	58786	0.420 ug/ml
10) T n-Eicosane (C20)	12.864	67649	0.504 ug/ml
11) T n-Heneicosane (C21)	13.475	39875	0.303 ug/ml
13) T n-Docosane (C22)	14.060	59381	0.456 ug/ml
16) T n-Octacosane (C28)	17.153	173361	1.346 ug/ml
17) T n-Tricontane (C30)	18.020	273975	2.049 ug/ml
18) T n-Dotriacontane (C32)	18.851	197149	1.479 ug/ml
19) T n-Tetratriacontane (C34)	19.637	217602	1.761 ug/ml
20) T n-Hexatriacontane (C36)	20.379	308710	2.782 ug/ml
21) T n-Octatriacontane (C38)	21.106	499388	4.528 ug/ml
22) T n-Tetracontane (C40)	21.999	228715	2.102 ug/ml

(f)=RT Delta > 1/2 Window

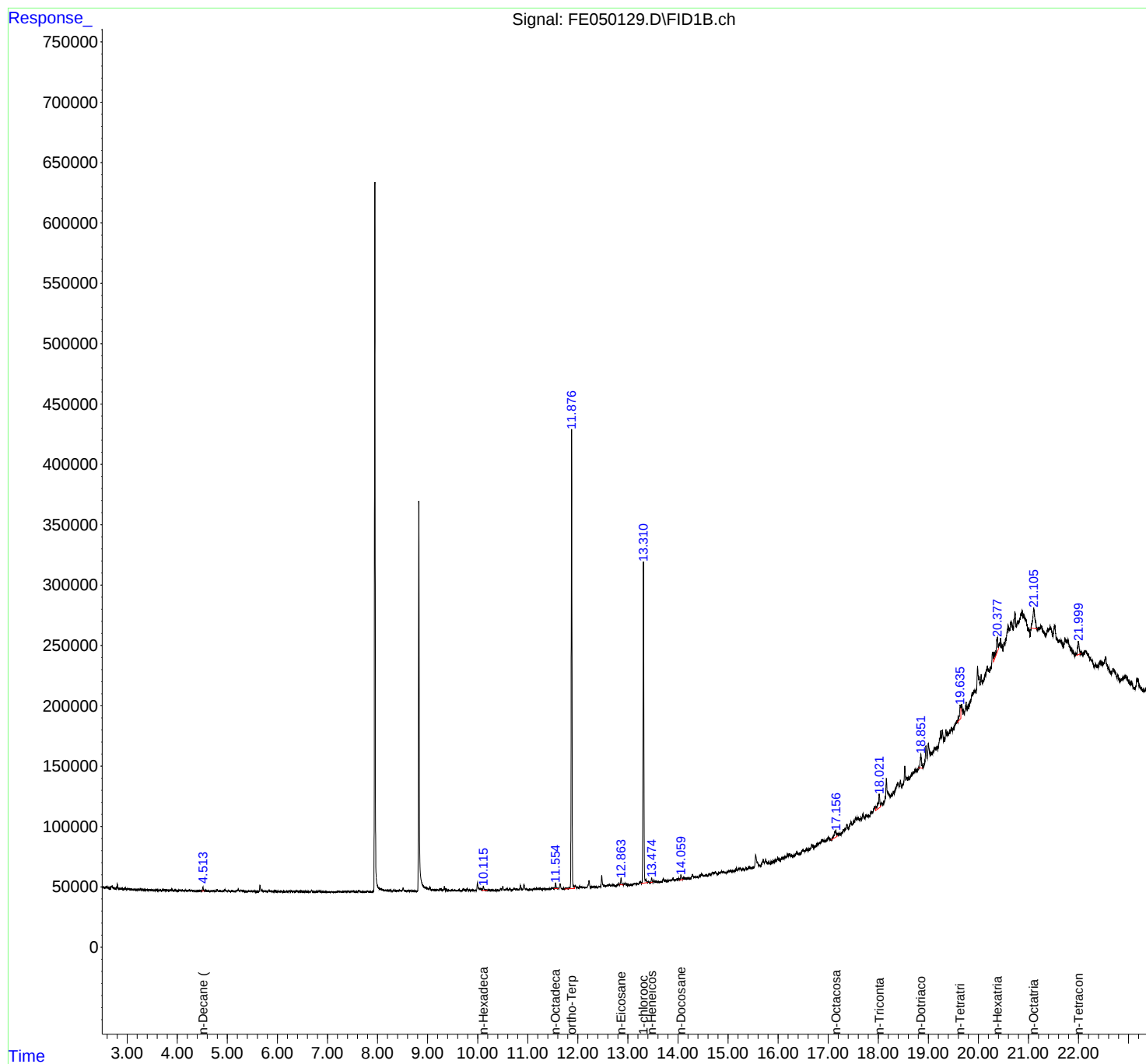
(m)=manual int.

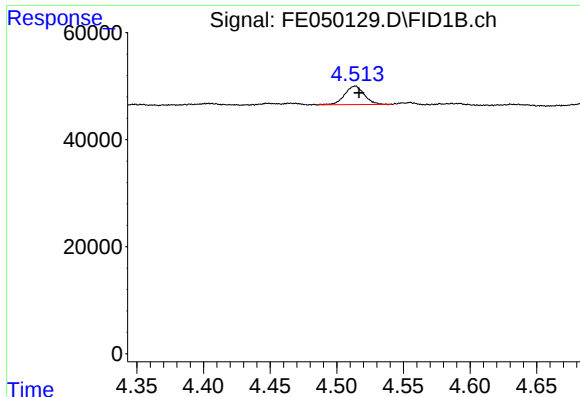
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
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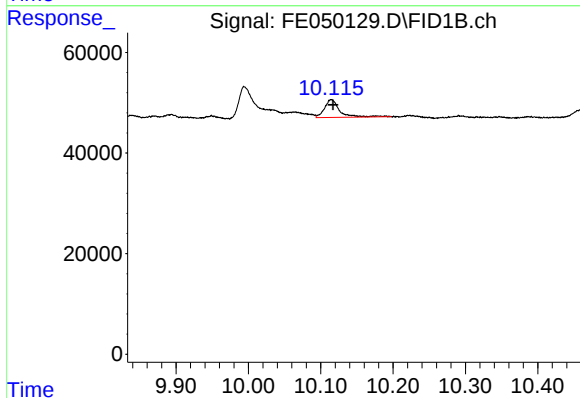




#2 n-Decane (C10)

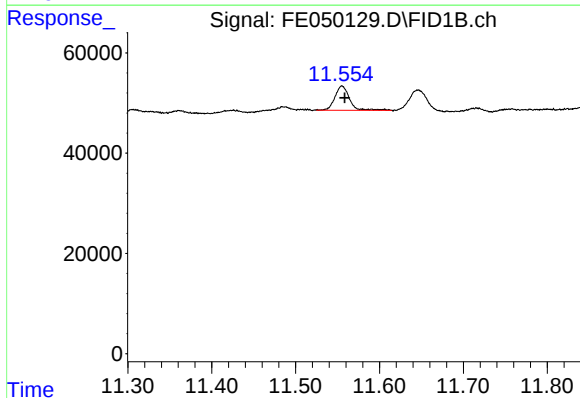
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 34976
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



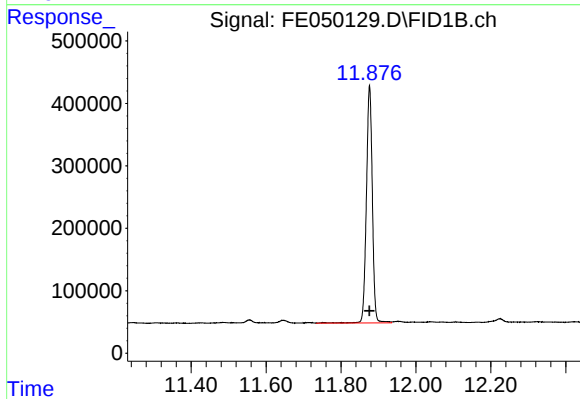
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 50881
Conc: 0.37 ug/ml



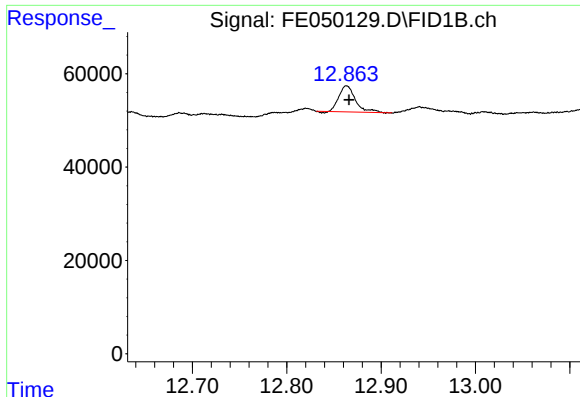
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 58786
Conc: 0.42 ug/ml



#9 ortho-Terphenyl (SURR)

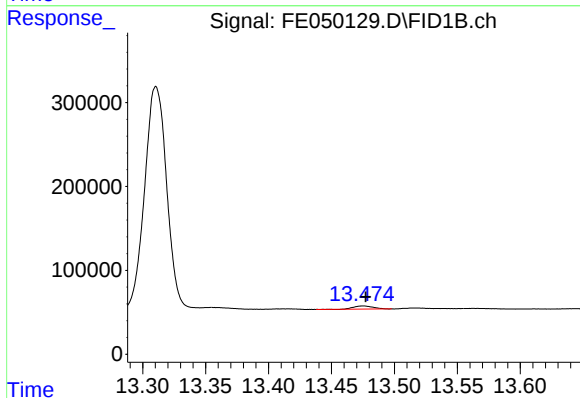
R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 4167212
Conc: 28.01 ug/ml



#10 n-Eicosane (C20)

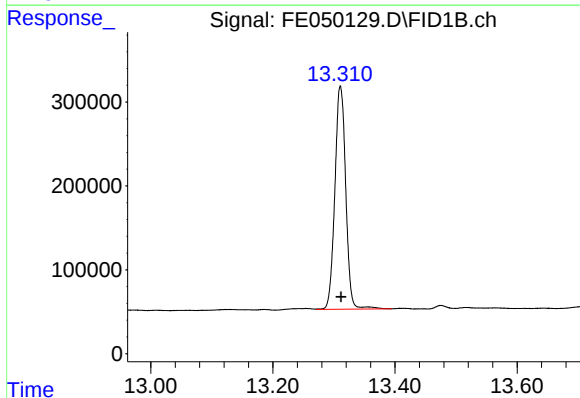
R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 67649
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



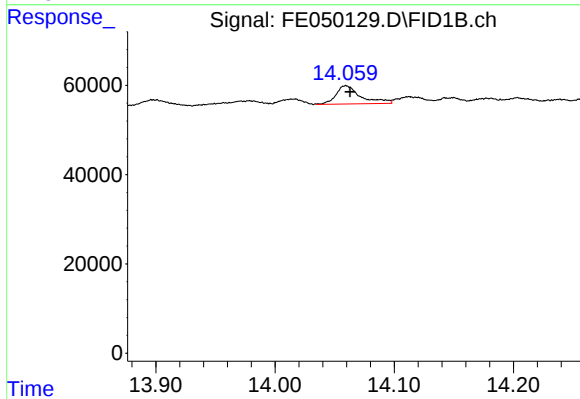
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 39875
Conc: 0.30 ug/ml



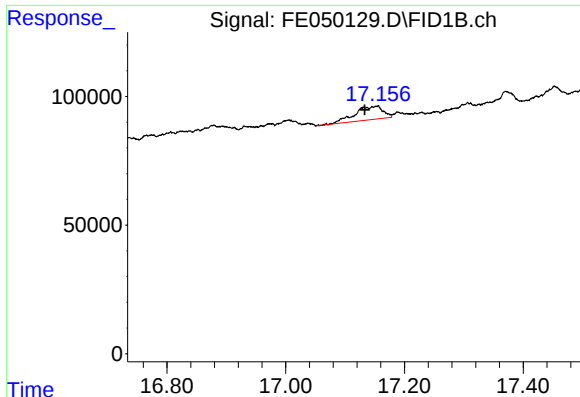
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 3288940
Conc: 29.28 ug/ml



#13 n-Docosane (C22)

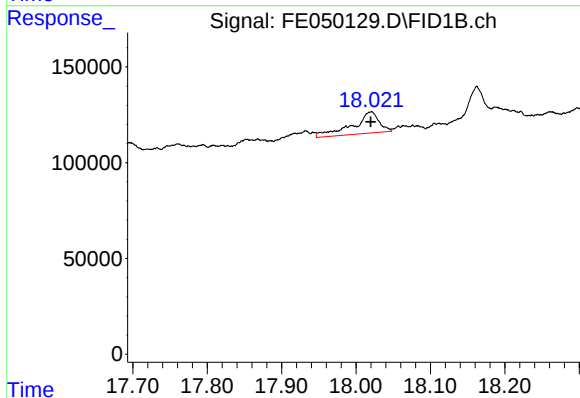
R.T.: 14.060 min
Delta R.T.: -0.003 min
Response: 59381
Conc: 0.46 ug/ml



#16 n-Octacosane (C28)

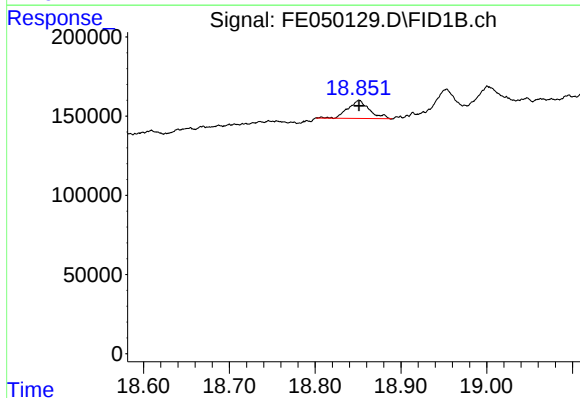
R.T.: 17.153 min
Delta R.T.: 0.020 min
Response: 173361
Conc: 1.35 ug/ml

Instrument :
FID_E
ClientSampleId :



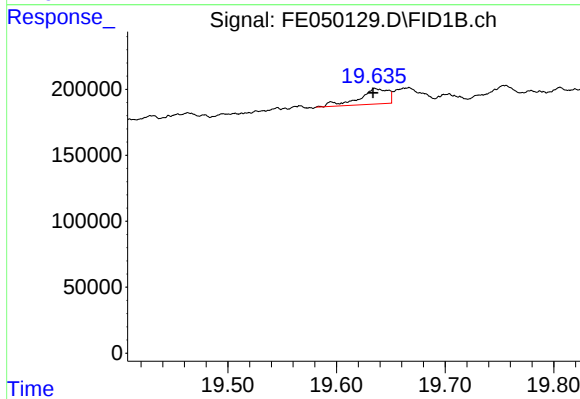
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 273975
Conc: 2.05 ug/ml



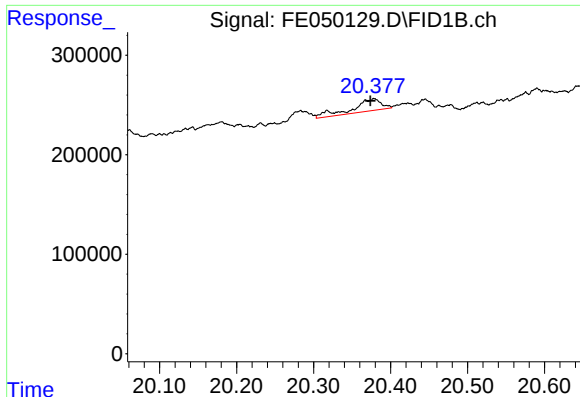
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 197149
Conc: 1.48 ug/ml



#19 n-Tetratriacontane (C34)

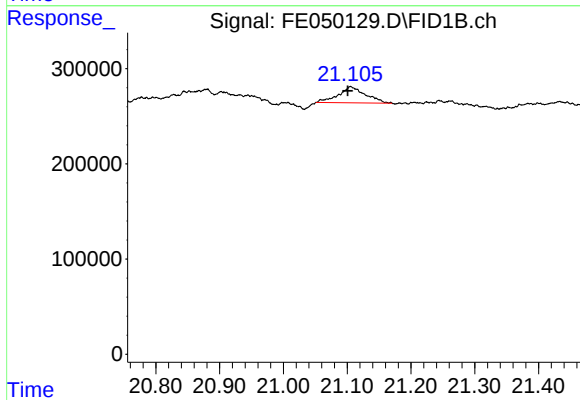
R.T.: 19.637 min
Delta R.T.: 0.003 min
Response: 217602
Conc: 1.76 ug/ml



#20 n-Hexatriacontane (C36)

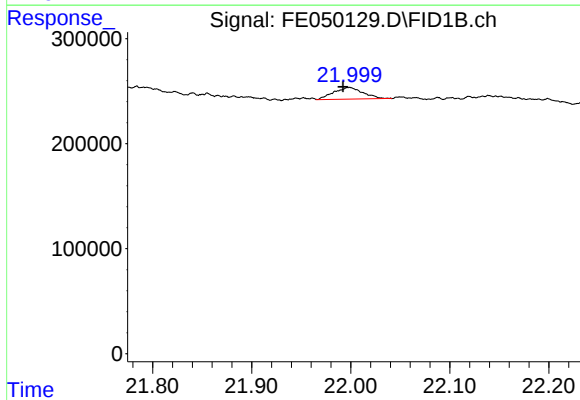
R.T.: 20.379 min
Delta R.T.: 0.005 min
Response: 308710
Conc: 2.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: 0.005 min
Response: 499388
Conc: 4.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: 0.006 min
Response: 228715
Conc: 2.10 ug/ml