

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100724AL\
 Data File : FE050524.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 08:33
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 08 04:15:30 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)	11.855	81649	0.549 ug/ml
Spiked Amount 50.000		Recovery =	1.10%
12) S 1-chlorooctadecane (S...	13.311	634092	5.645 ug/ml
Spiked Amount 50.000		Recovery =	11.29%
Target Compounds			
7) T n-Hexadecane (C16)	10.096	20151	0.145 ug/ml
8) T n-Octadecane (C18)	11.534	34338	0.245 ug/ml
13) T n-Docosane (C22)	14.024	1639387	12.590 ug/ml
14) T n-Tetracosane (C24)	15.144	1223443	9.369 ug/ml
15) T n-Hexacosane (C26)	16.172	487379	3.809 ug/ml
16) T n-Octacosane (C28)	17.120	1699488	13.194 ug/ml
17) T n-Tricontane (C30)	18.008	2803385	20.964 ug/ml
18) T n-Dotriacontane (C32)	18.841	2841427	21.323 ug/ml
19) T n-Tetratriacontane (C34)	19.624	1542157	12.481 ug/ml
20) T n-Hexatriacontane (C36)	20.365	886286	7.988 ug/ml
21) T n-Octatriacontane (C38)	21.092	548390	4.973 ug/ml
22) T n-Tetracontane (C40)	21.977	543503	4.995 ug/ml

(f)=RT Delta > 1/2 Window

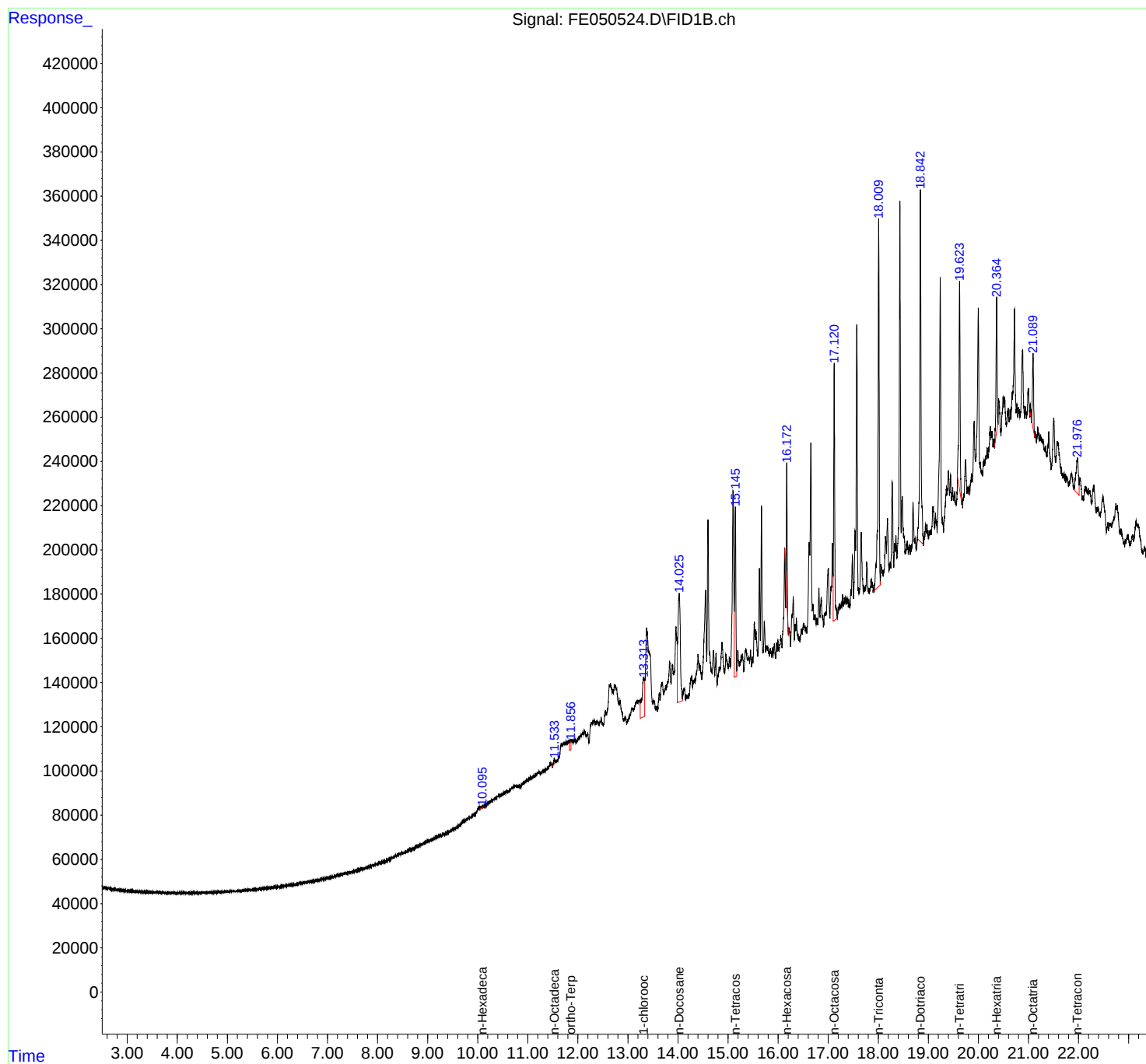
(m)=manual int.

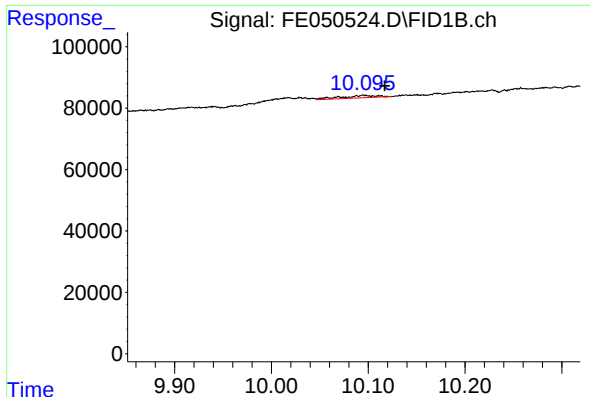
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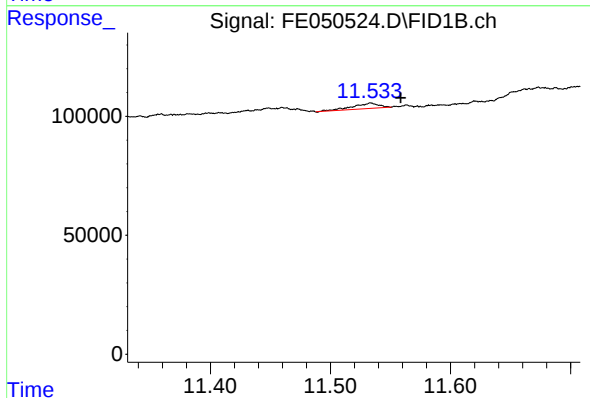




#7 n-Hexadecane (C16)

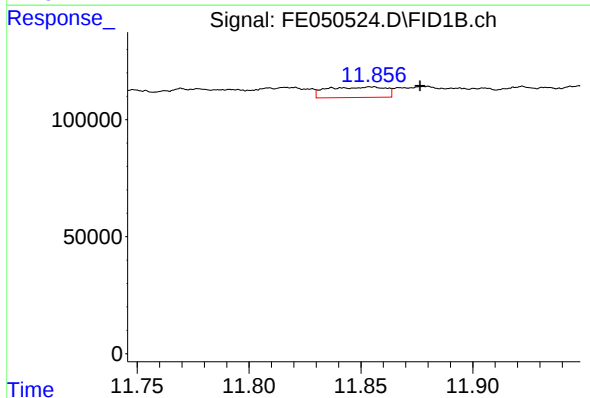
R.T.: 10.096 min
Delta R.T.: -0.021 min
Response: 20151
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



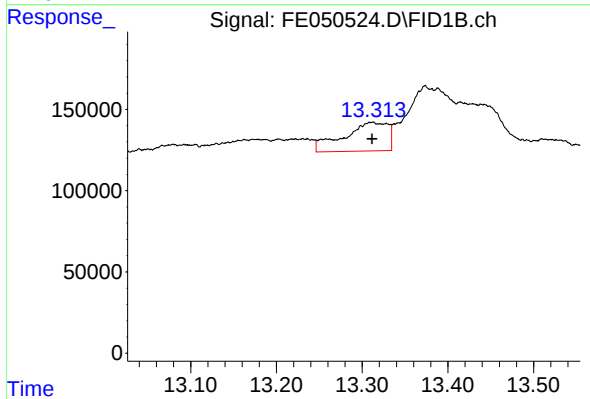
#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.025 min
Response: 34338
Conc: 0.25 ug/ml



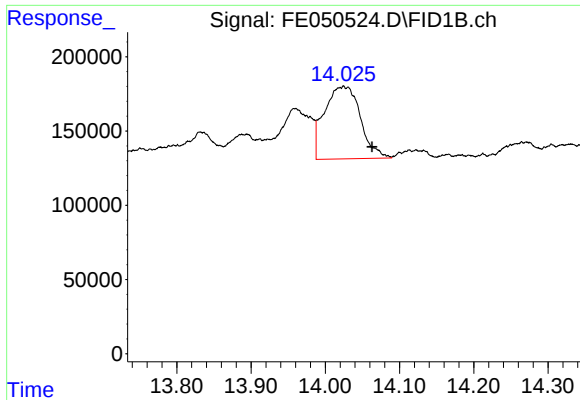
#9 ortho-Terphenyl (SURRE)

R.T.: 11.855 min
Delta R.T.: -0.022 min
Response: 81649
Conc: 0.55 ug/ml



#12 1-chlorooctadecane (SURRE)

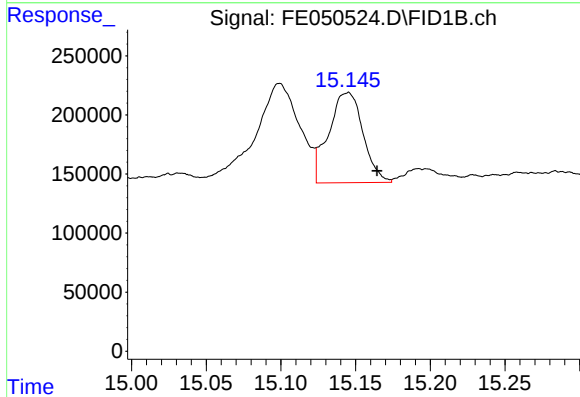
R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 634092
Conc: 5.65 ug/ml



#13 n-Docosane (C22)

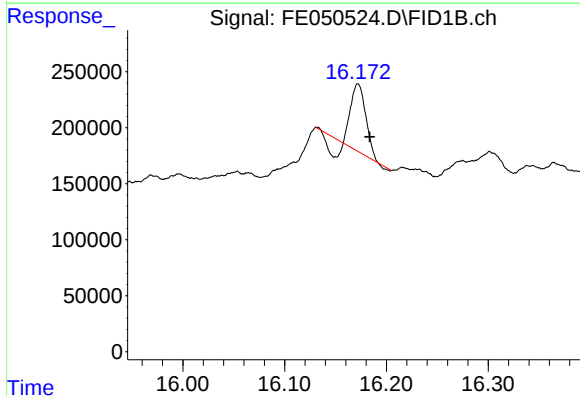
R.T.: 14.024 min
Delta R.T.: -0.039 min
Response: 1639387
Conc: 12.59 ug/ml

Instrument :
FID_E
ClientSampleId :



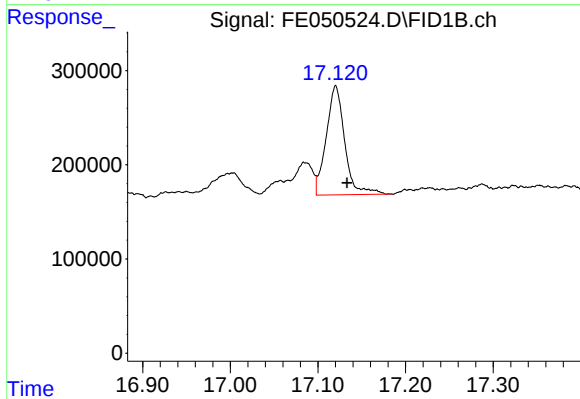
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.020 min
Response: 1223443
Conc: 9.37 ug/ml



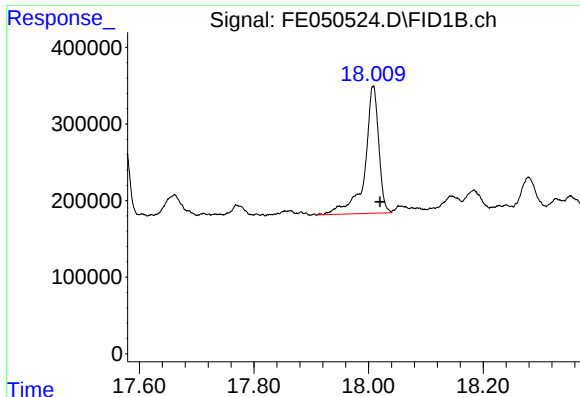
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.012 min
Response: 487379
Conc: 3.81 ug/ml



#16 n-Octacosane (C28)

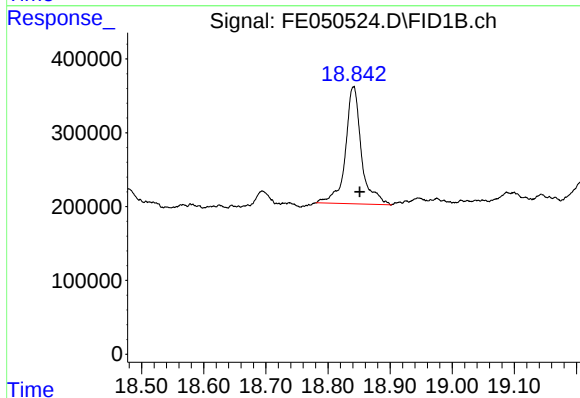
R.T.: 17.120 min
Delta R.T.: -0.013 min
Response: 1699488
Conc: 13.19 ug/ml



#17 n-Tricontane (C30)

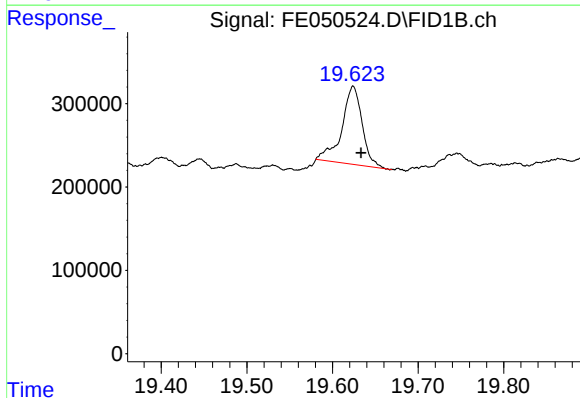
R.T.: 18.008 min
Delta R.T.: -0.012 min
Response: 2803385
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :



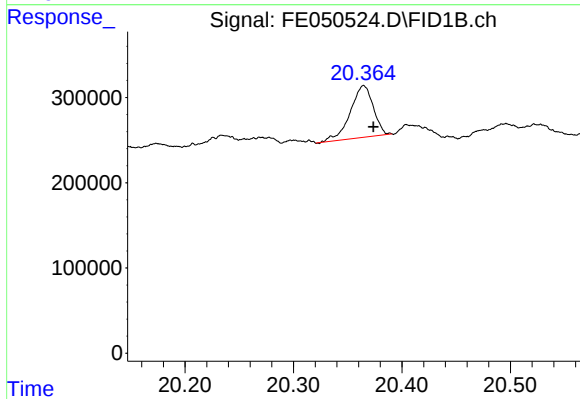
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 2841427
Conc: 21.32 ug/ml



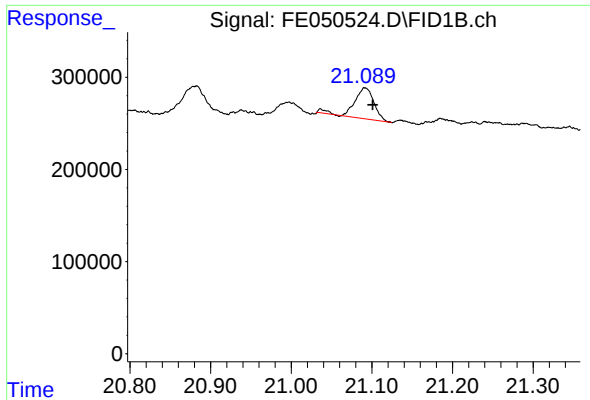
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.010 min
Response: 1542157
Conc: 12.48 ug/ml



#20 n-Hexatriacontane (C36)

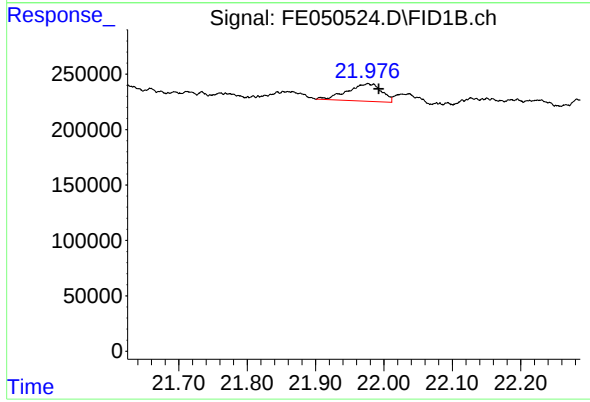
R.T.: 20.365 min
Delta R.T.: -0.009 min
Response: 886286
Conc: 7.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.009 min
Response: 548390
Conc: 4.97 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.015 min
Response: 543503
Conc: 4.99 ug/ml