

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092524AL\
 Data File : FE050352.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2024 16:28
 Operator : YP\AJ
 Sample : P4172-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 01:17:51 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)	11.874	3581076	24.070 ug/ml
Spiked Amount 50.000		Recovery =	48.14%
12) S 1-chlorooctadecane (S...	13.309	2630023	23.414 ug/ml
Spiked Amount 50.000		Recovery =	46.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.503	60114	0.441 ug/ml
7) T n-Hexadecane (C16)	10.114	120004	0.864 ug/ml
8) T n-Octadecane (C18)	11.557	175967	1.256 ug/ml
11) T n-Heneicosane (C21)	13.473	261556	1.991 ug/ml
13) T n-Docosane (C22)	14.058	402982	3.095 ug/ml
14) T n-Tetracosane (C24)	15.155	1020224	7.812 ug/ml
15) T n-Hexacosane (C26)	16.219	120903	0.945 ug/ml
16) T n-Octacosane (C28)	17.152	818966	6.358 ug/ml
17) T n-Tricontane (C30)	18.013	690481	5.164 ug/ml
18) T n-Dotriacontane (C32)	18.840	316841	2.378 ug/ml
19) T n-Tetratriacontane (C34)	19.653	652765	5.283 ug/ml
20) T n-Hexatriacontane (C36)	20.364	73591	0.663 ug/ml
21) T n-Octatriacontane (C38)	21.090	81443	0.739 ug/ml
22) T n-Tetracontane (C40)	21.977	113830	1.046 ug/ml

(f)=RT Delta > 1/2 Window

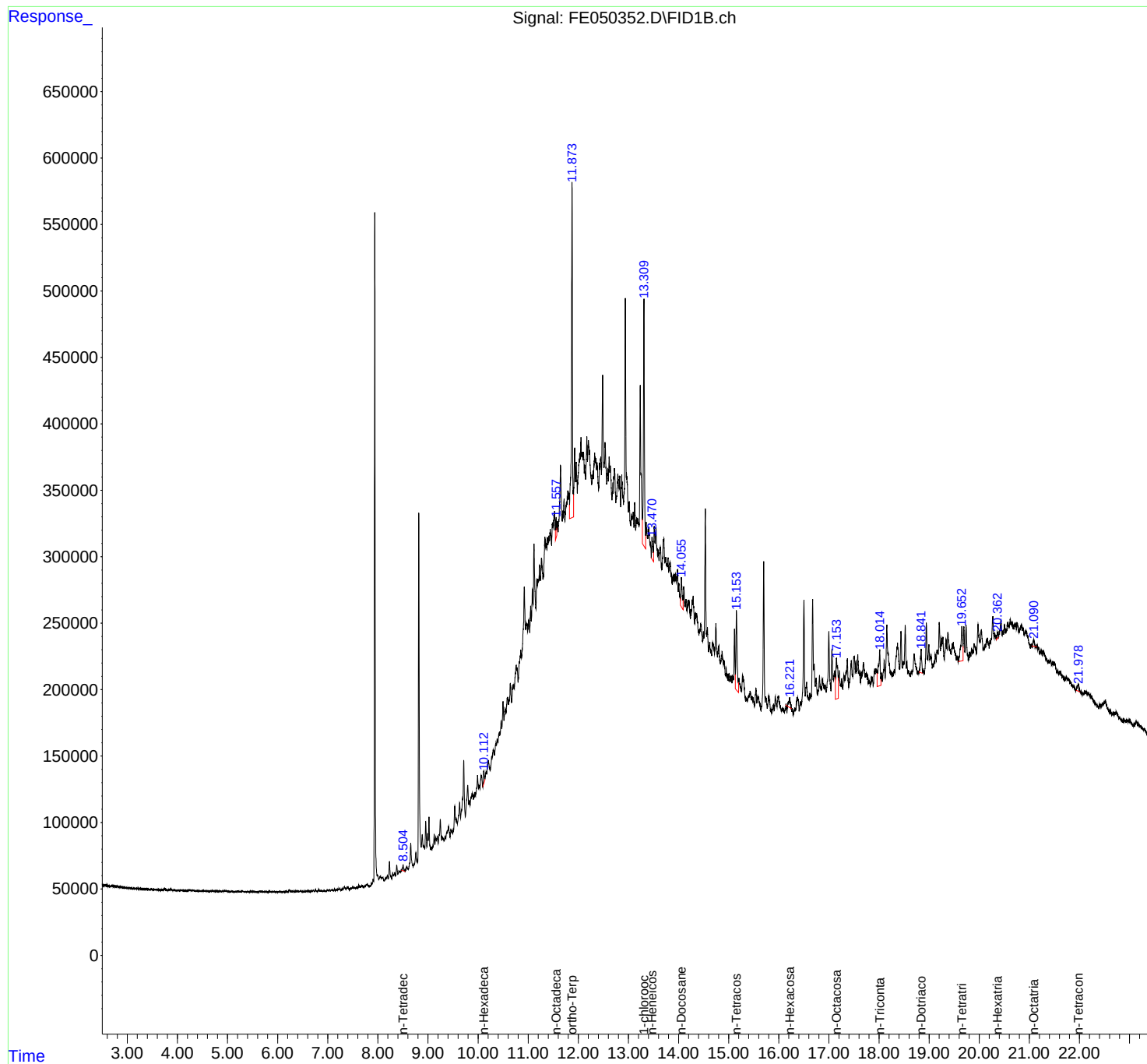
(m)=manual int.

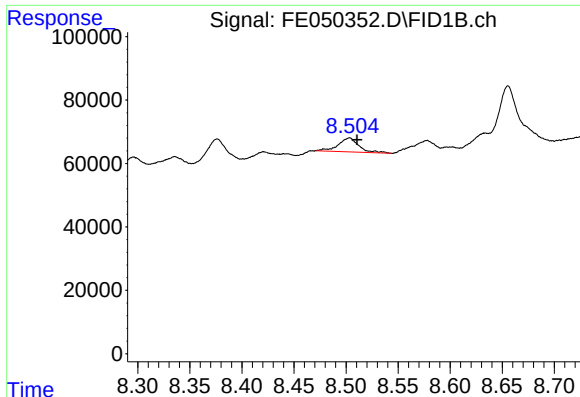
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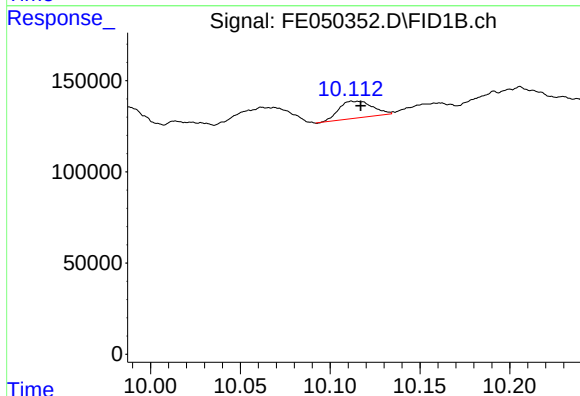




#6 n-Tetradecane (C14)

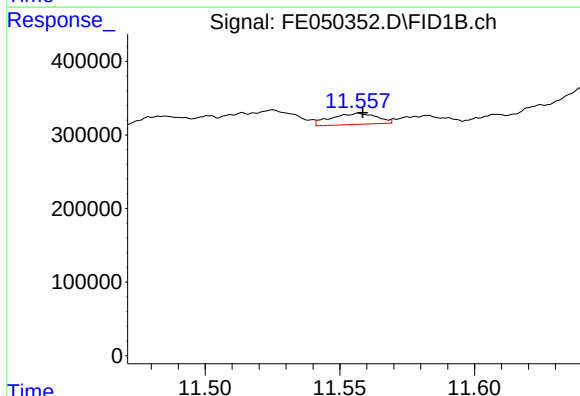
R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 60114
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



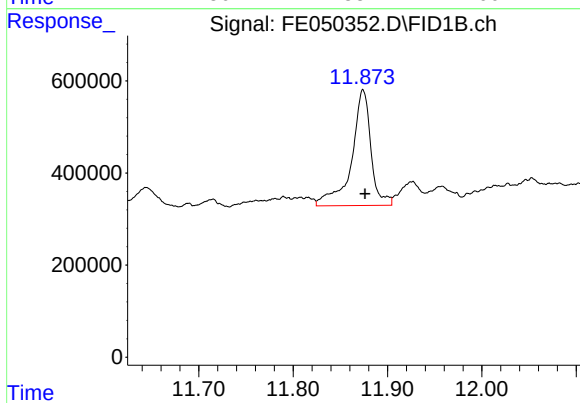
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 120004
Conc: 0.86 ug/ml



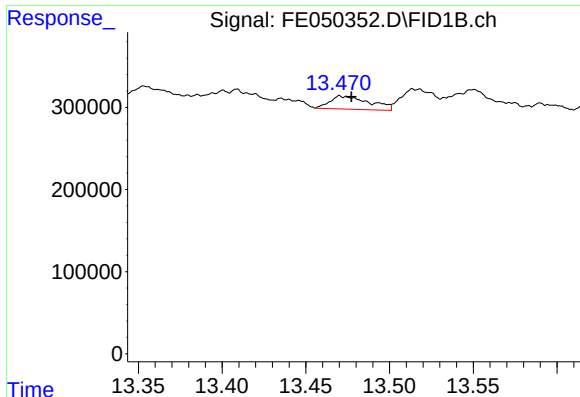
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.002 min
Response: 175967
Conc: 1.26 ug/ml



#9 ortho-Terphenyl (SURR)

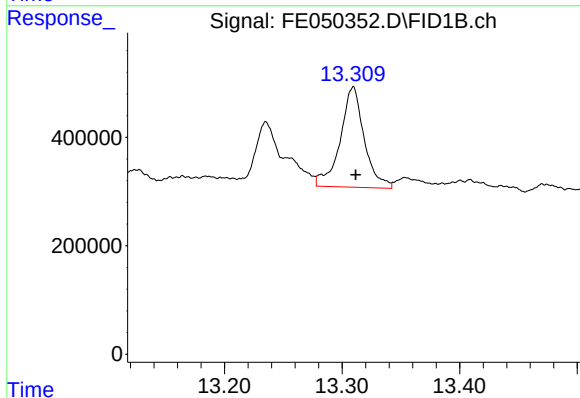
R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 3581076
Conc: 24.07 ug/ml



#11 n-Heneicosane (C21)

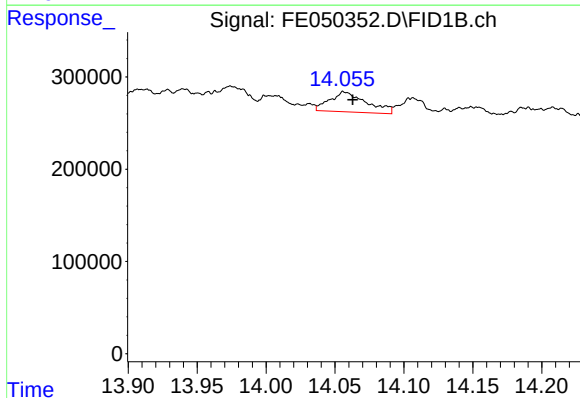
R.T.: 13.473 min
Delta R.T.: -0.005 min
Response: 261556
Conc: 1.99 ug/ml

Instrument :
FID_E
ClientSampleId :



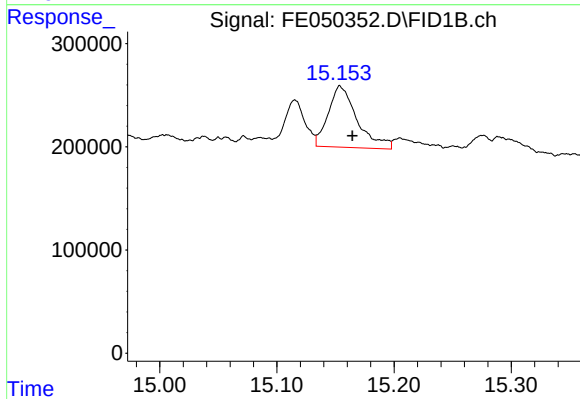
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 2630023
Conc: 23.41 ug/ml



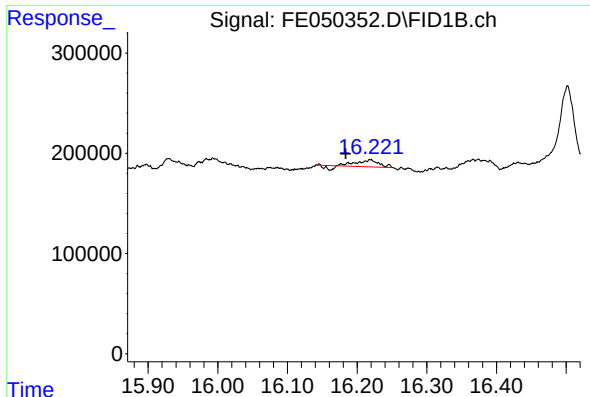
#13 n-Docosane (C22)

R.T.: 14.058 min
Delta R.T.: -0.005 min
Response: 402982
Conc: 3.09 ug/ml



#14 n-Tetracosane (C24)

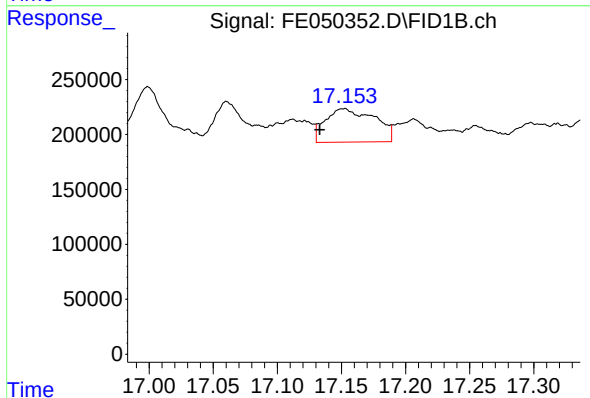
R.T.: 15.155 min
Delta R.T.: -0.010 min
Response: 1020224
Conc: 7.81 ug/ml



#15 n-Hexacosane (C26)

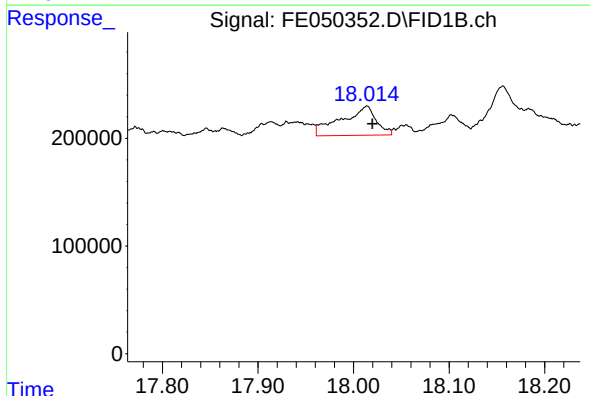
R.T.: 16.219 min
Delta R.T.: 0.035 min
Response: 120903
Conc: 0.95 ug/ml

Instrument :
FID_E
ClientSampleId :



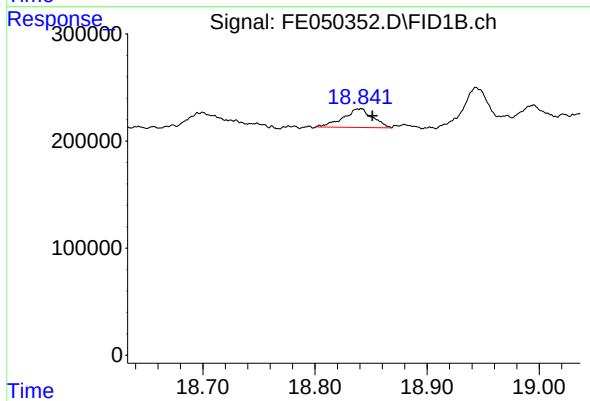
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.018 min
Response: 818966
Conc: 6.36 ug/ml



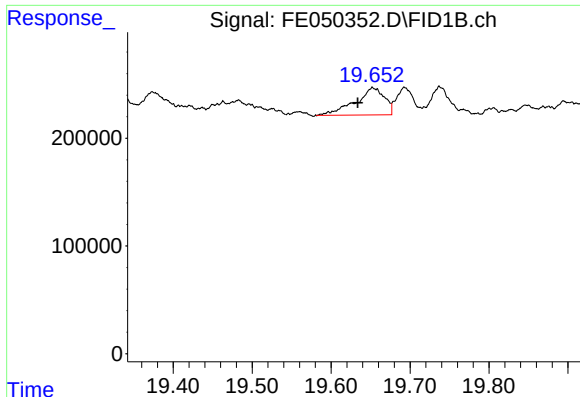
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.006 min
Response: 690481
Conc: 5.16 ug/ml



#18 n-Dotriacontane (C32)

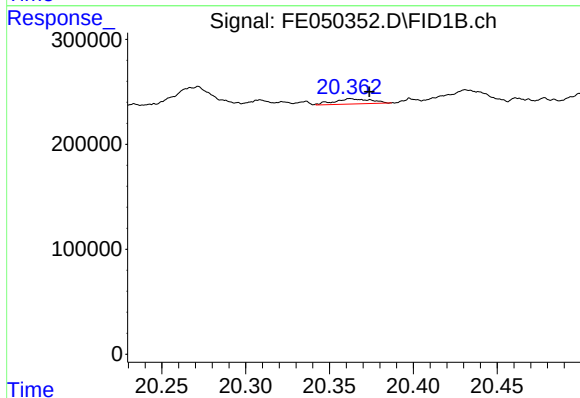
R.T.: 18.840 min
Delta R.T.: -0.012 min
Response: 316841
Conc: 2.38 ug/ml



#19 n-Tetratriacontane (C34)

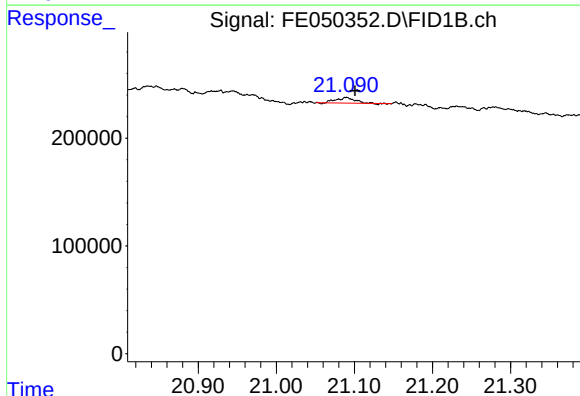
R.T.: 19.653 min
Delta R.T.: 0.020 min
Response: 652765
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :



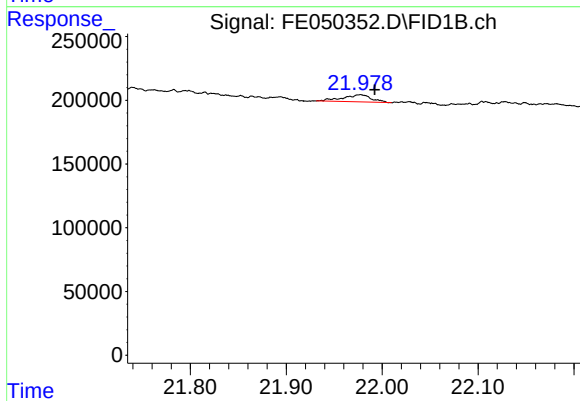
#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.010 min
Response: 73591
Conc: 0.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.011 min
Response: 81443
Conc: 0.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.015 min
Response: 113830
Conc: 1.05 ug/ml