

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081924AL\
 Data File : FE049657.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2024 09:33
 Operator : YP\AJ
 Sample : P3634-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 20 01:33:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.893	2986120	18.466 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	13.328	2285685	18.734 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
7) T n-Hexadecane (C16)	10.130	75801	0.485 ug/ml
8) T n-Octadecane (C18)	11.572	71687	0.456 ug/ml
10) T n-Eicosane (C20)	12.881	29680	0.199 ug/ml
11) T n-Heneicosane (C21)	13.493	33384	0.228 ug/ml
13) T n-Docosane (C22)	14.080	31623	0.217 ug/ml
14) T n-Tetracosane (C24)	15.173	170138	1.170 ug/ml
16) T n-Octacosane (C28)	17.198f	433322	3.008 ug/ml
17) T n-Tricontane (C30)	18.038	193082	1.290 ug/ml
18) T n-Dotriacontane (C32)	18.870	265166	1.753 ug/ml
19) T n-Tetratriacontane (C34)	19.653	186495	1.220 ug/ml
20) T n-Hexatriacontane (C36)	20.395	118240	0.779 ug/ml
21) T n-Octatriacontane (C38)	21.122	239730	1.527 ug/ml
22) T n-Tetracontane (C40)	22.028	203614	1.334 ug/ml

(f)=RT Delta > 1/2 Window

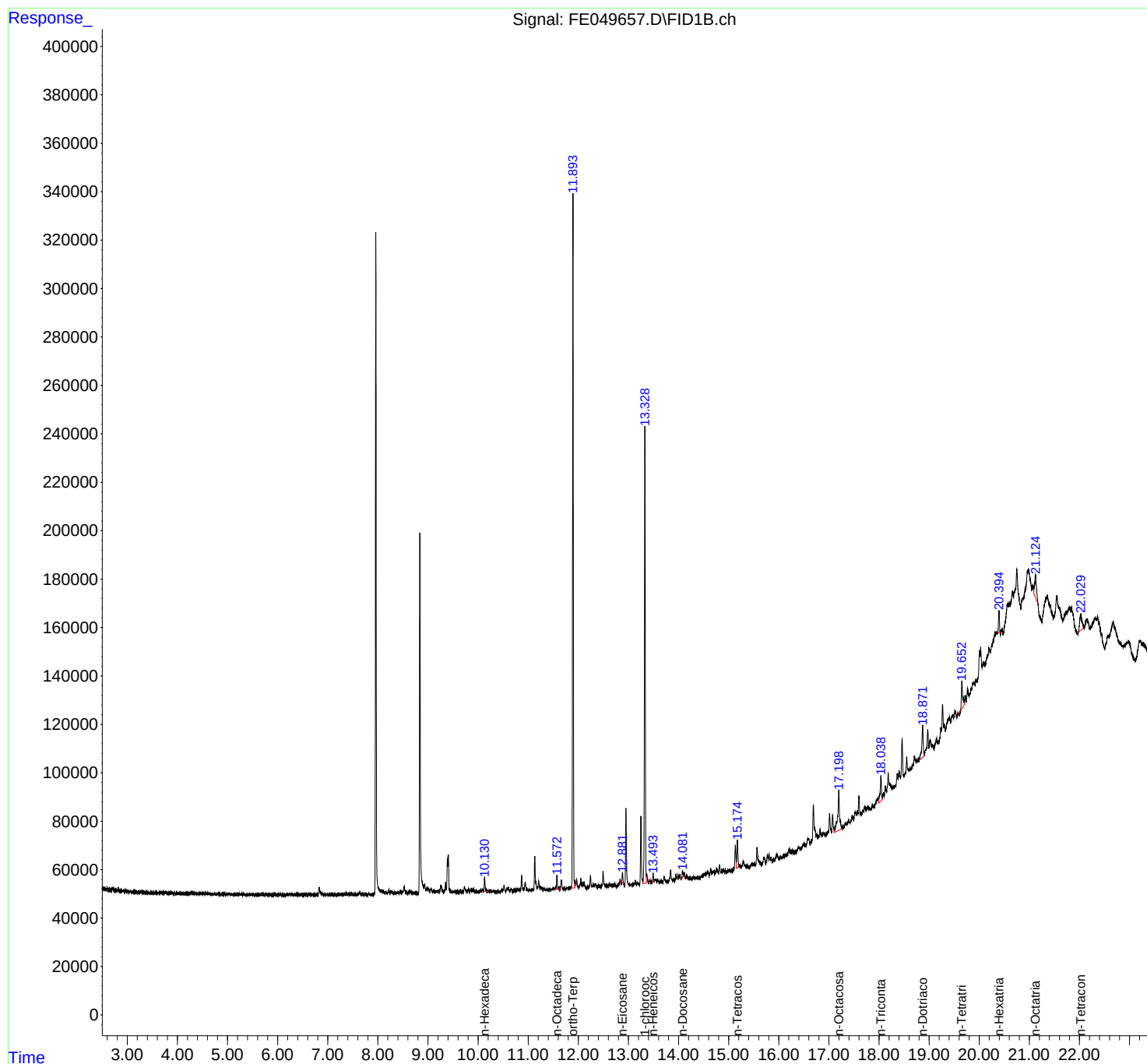
(m)=manual int.

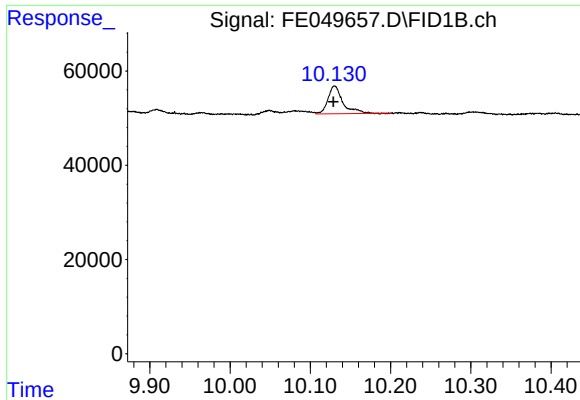
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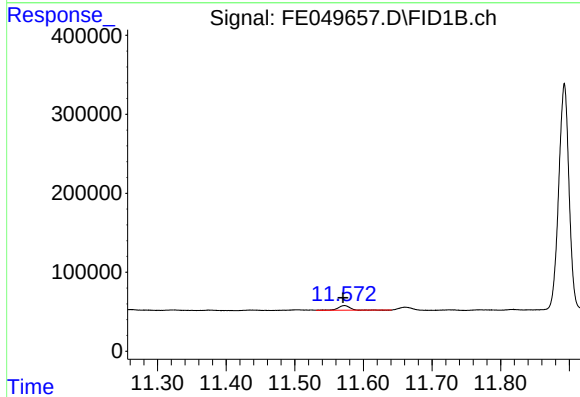




#7 n-Hexadecane (C16)

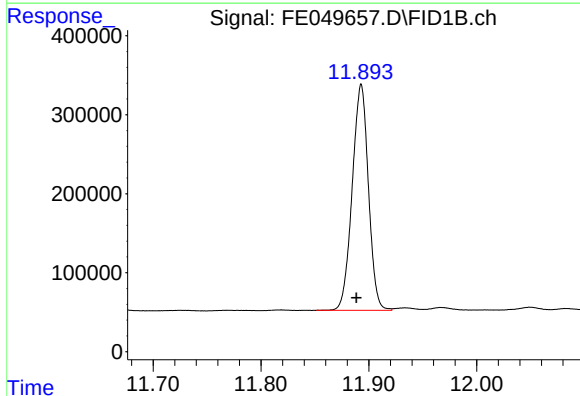
R.T.: 10.130 min
Delta R.T.: 0.002 min
Response: 75801
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



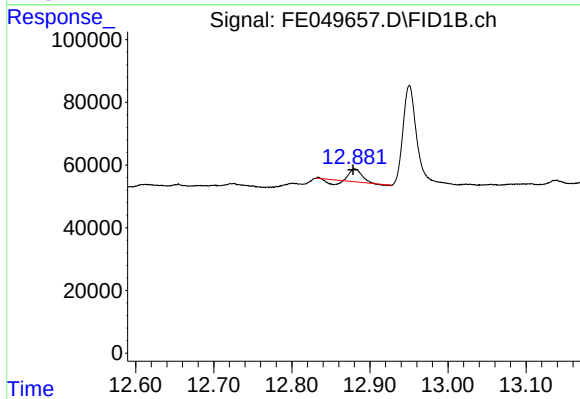
#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: 0.002 min
Response: 71687
Conc: 0.46 ug/ml



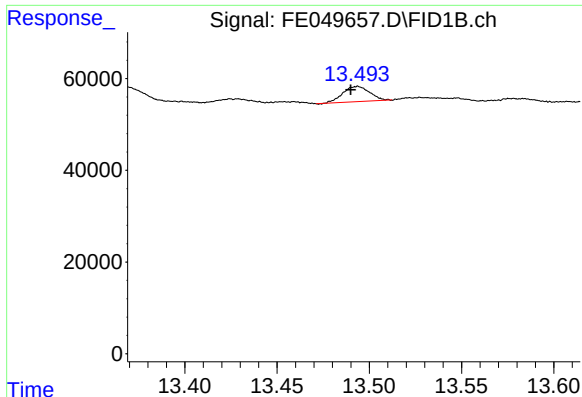
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: 0.004 min
Response: 2986120
Conc: 18.47 ug/ml



#10 n-Eicosane (C20)

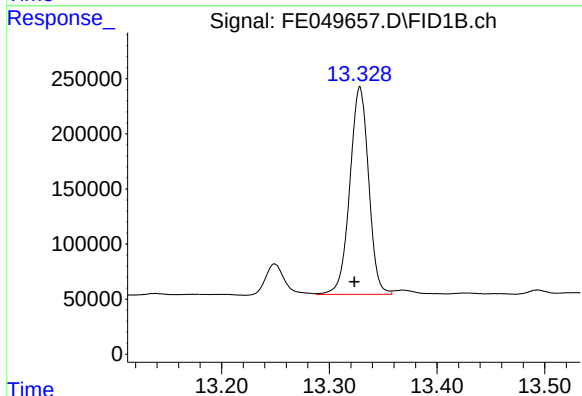
R.T.: 12.881 min
Delta R.T.: 0.002 min
Response: 29680
Conc: 0.20 ug/ml



#11 n-Heneicosane (C21)

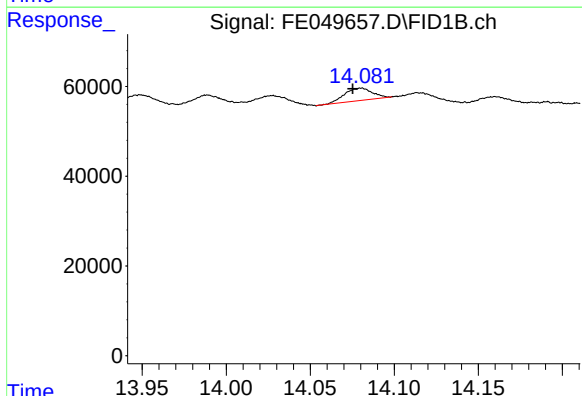
R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 33384
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



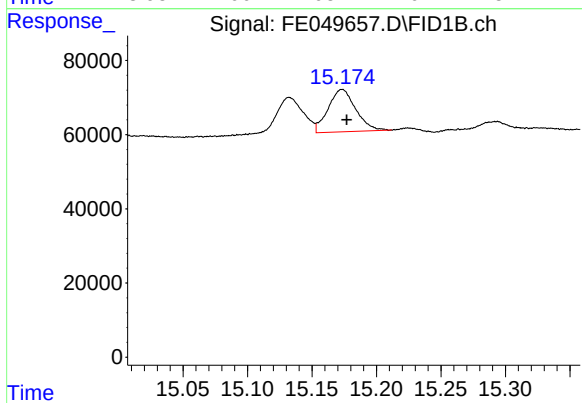
#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: 0.005 min
Response: 2285685
Conc: 18.73 ug/ml



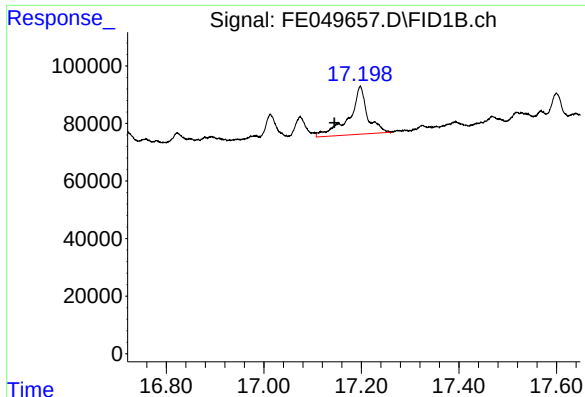
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: 0.005 min
Response: 31623
Conc: 0.22 ug/ml



#14 n-Tetracosane (C24)

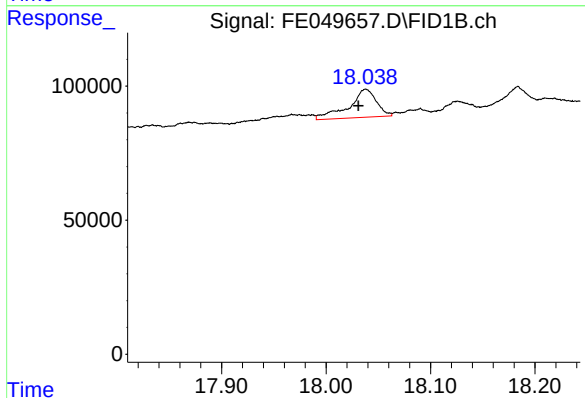
R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 170138
Conc: 1.17 ug/ml



#16 n-Octacosane (C28)

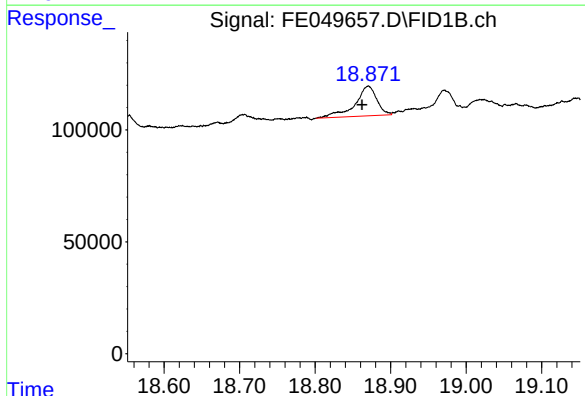
R.T.: 17.198 min
Delta R.T.: 0.053 min
Response: 433322
Conc: 3.01 ug/ml

Instrument :
FID_E
ClientSampleId :



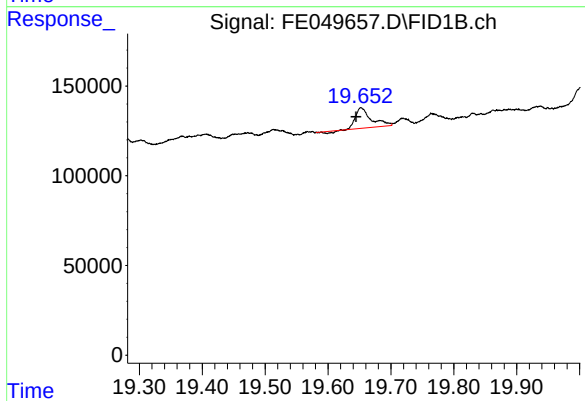
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.007 min
Response: 193082
Conc: 1.29 ug/ml



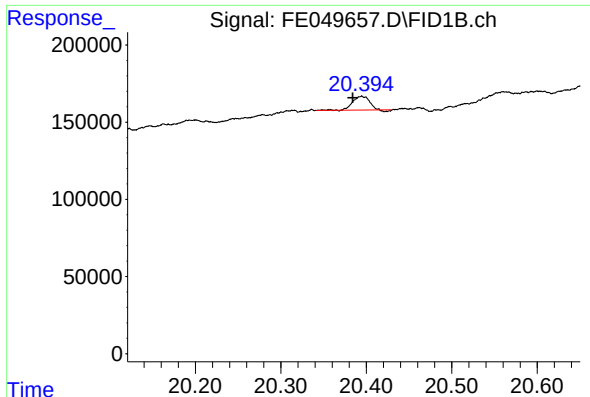
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.008 min
Response: 265166
Conc: 1.75 ug/ml



#19 n-Tetratriacontane (C34)

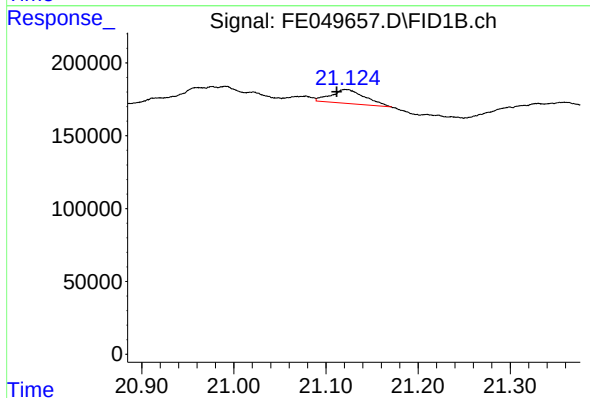
R.T.: 19.653 min
Delta R.T.: 0.009 min
Response: 186495
Conc: 1.22 ug/ml



#20 n-Hexatriacontane (C36)

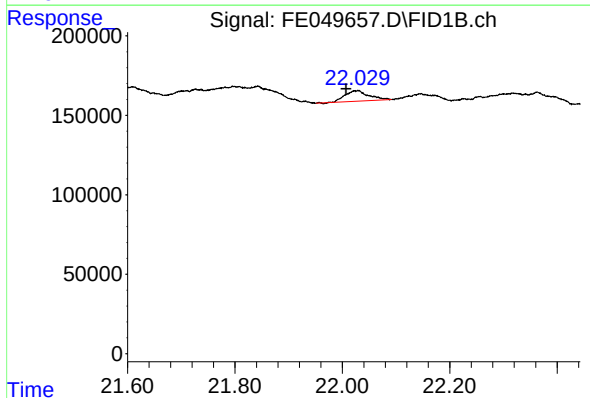
R.T.: 20.395 min
Delta R.T.: 0.011 min
Response: 118240
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.010 min
Response: 239730
Conc: 1.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.020 min
Response: 203614
Conc: 1.33 ug/ml