

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050280.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2024 08:10
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 23 10:43:03 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)	11.863	425093	2.857 ug/ml
Spiked Amount 50.000		Recovery =	5.71%
12) S 1-chlorooctadecane (S...	13.299	134469	1.197 ug/ml
Spiked Amount 50.000		Recovery =	2.39%
Target Compounds			
7) T n-Hexadecane (C16)	10.099	57580	0.415 ug/ml
8) T n-Octadecane (C18)	11.535	73464	0.524 ug/ml
11) T n-Heneicosane (C21)	13.454	1004599	7.646 ug/ml
13) T n-Docosane (C22)	14.034	1372863	10.543 ug/ml
14) T n-Tetracosane (C24)	15.150	979181	7.498 ug/ml
15) T n-Hexacosane (C26)	16.175	362211	2.831 ug/ml
16) T n-Octacosane (C28)	17.124	1456725	11.309 ug/ml
17) T n-Tricontane (C30)	18.010	2267153	16.954 ug/ml
18) T n-Dotriacontane (C32)	18.844	2209688	16.582 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1542564	12.484 ug/ml
20) T n-Hexatriacontane (C36)	20.366	978531	8.820 ug/ml
21) T n-Octatriacontane (C38)	21.091	528785	4.795 ug/ml
22) T n-Tetracontane (C40)	21.979	504973	4.641 ug/ml

(f)=RT Delta > 1/2 Window

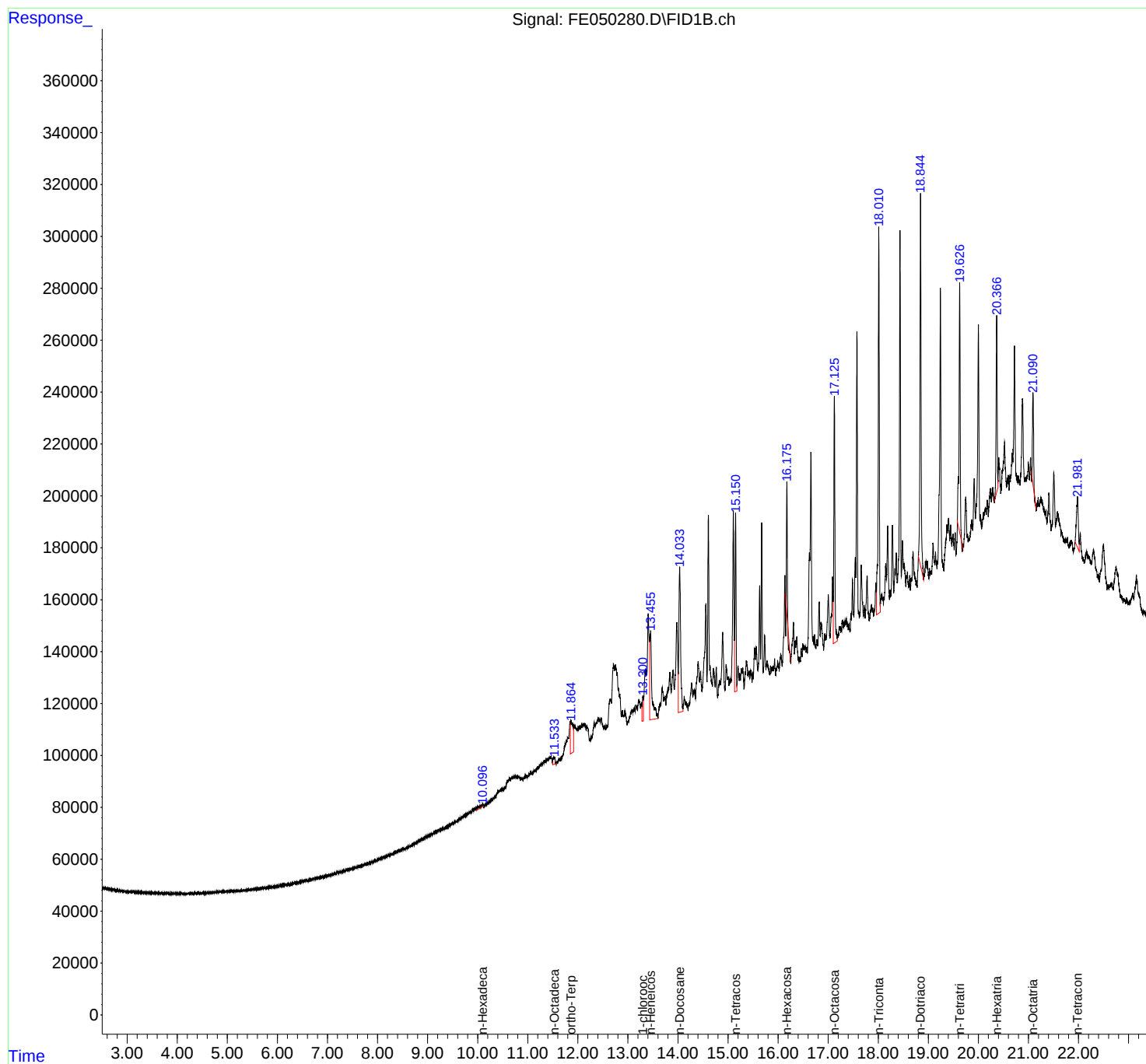
(m)=manual int.

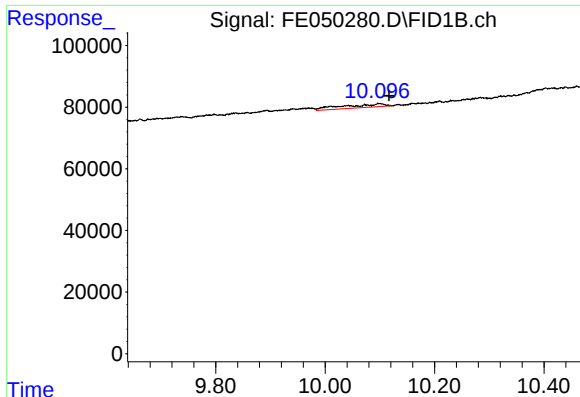
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
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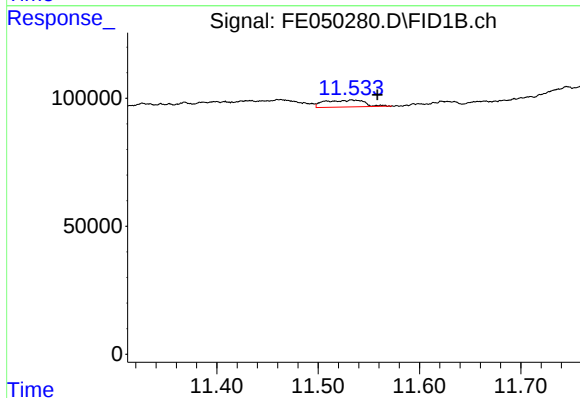




#7 n-Hexadecane (C16)

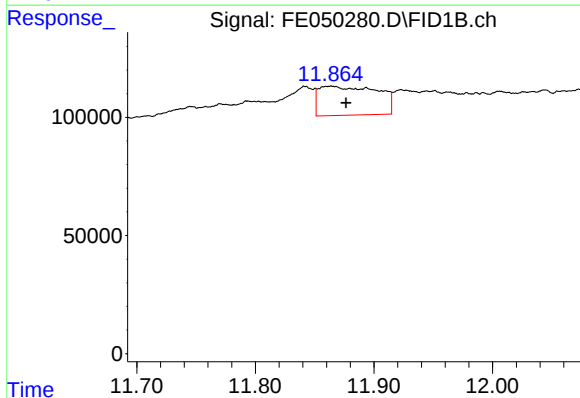
R.T.: 10.099 min
Delta R.T.: -0.018 min
Response: 57580
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



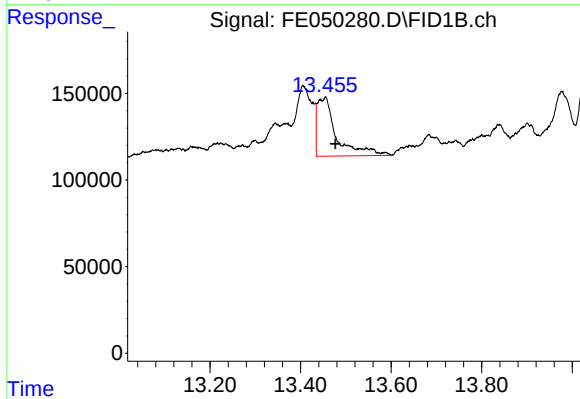
#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.024 min
Response: 73464
Conc: 0.52 ug/ml



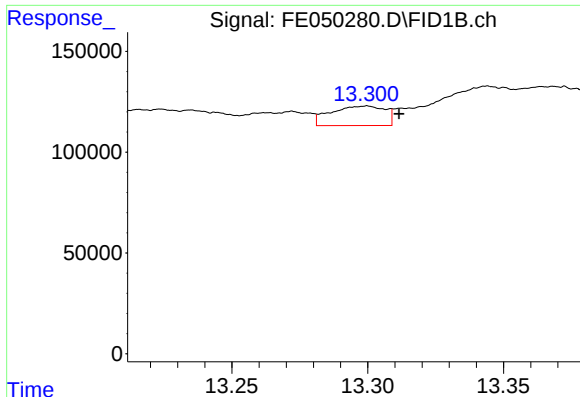
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: -0.013 min
Response: 425093
Conc: 2.86 ug/ml



#11 n-Heneicosane (C21)

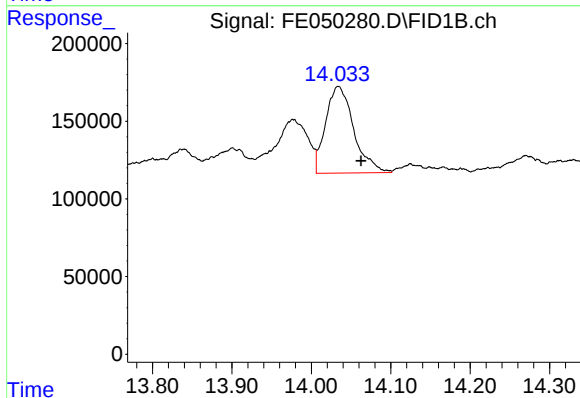
R.T.: 13.454 min
Delta R.T.: -0.023 min
Response: 1004599
Conc: 7.65 ug/ml



#12 1-chlorooctadecane (SURR)

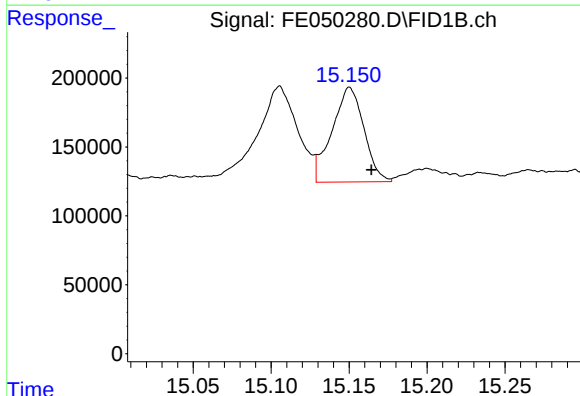
R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 134469
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :



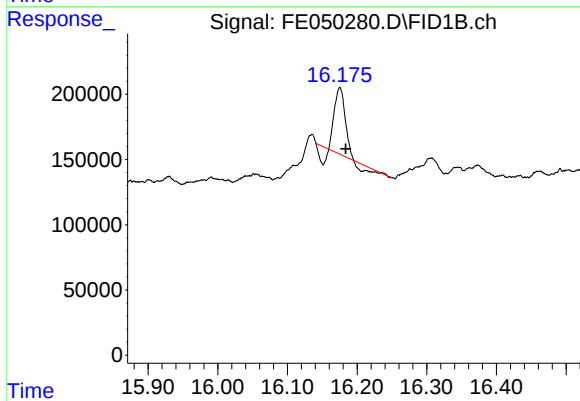
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.029 min
Response: 1372863
Conc: 10.54 ug/ml



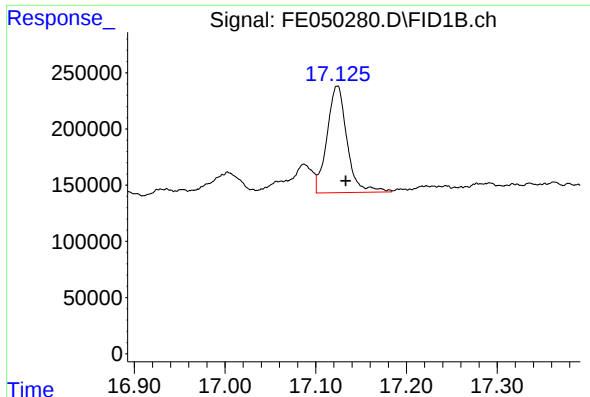
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.014 min
Response: 979181
Conc: 7.50 ug/ml



#15 n-Hexacosane (C26)

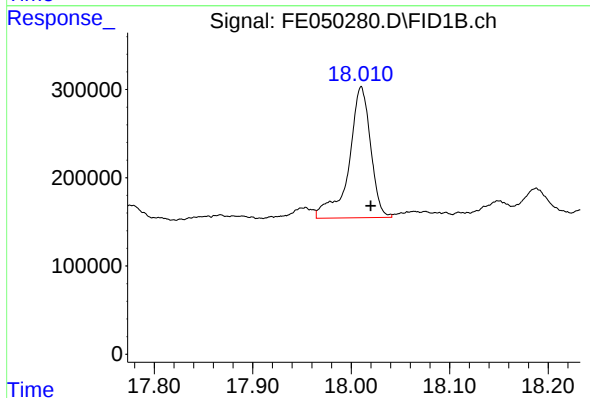
R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 362211
Conc: 2.83 ug/ml



#16 n-Octacosane (C28)

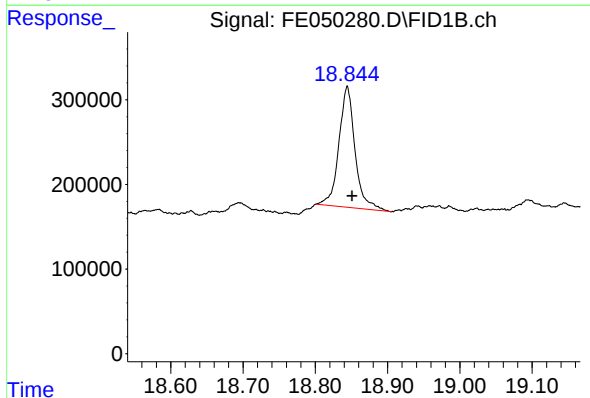
R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 1456725
Conc: 11.31 ug/ml

Instrument :
FID_E
ClientSampleId :



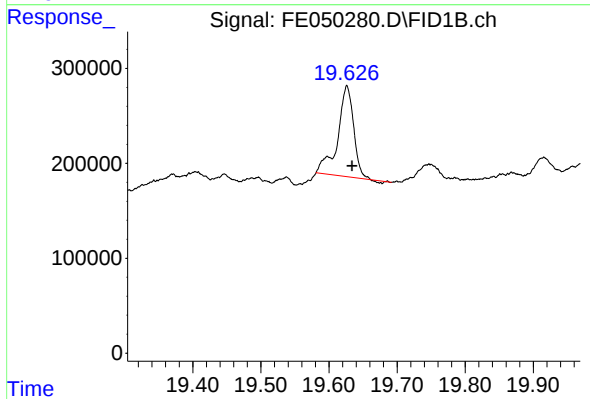
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.010 min
Response: 2267153
Conc: 16.95 ug/ml



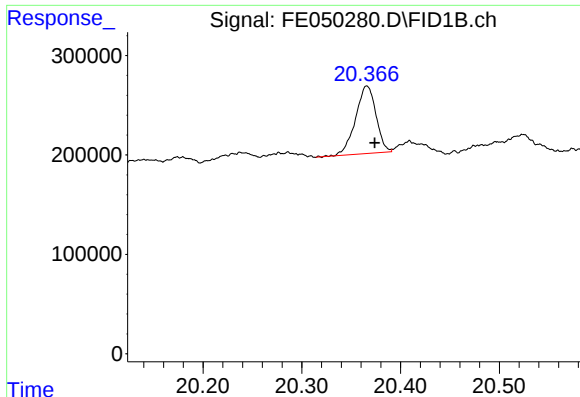
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.007 min
Response: 2209688
Conc: 16.58 ug/ml



#19 n-Tetratriacontane (C34)

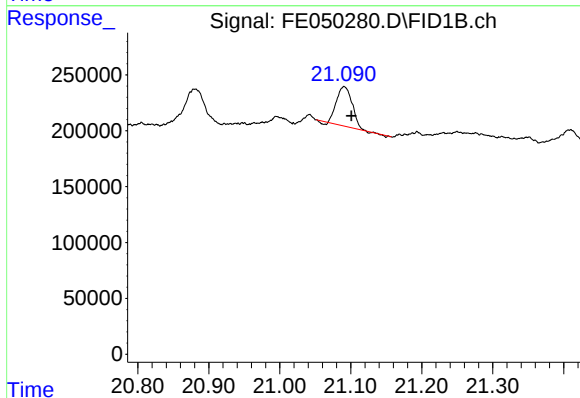
R.T.: 19.626 min
Delta R.T.: -0.007 min
Response: 1542564
Conc: 12.48 ug/ml



#20 n-Hexatriacontane (C36)

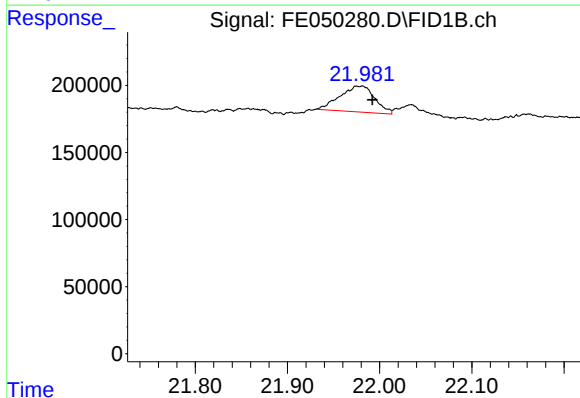
R.T.: 20.366 min
Delta R.T.: -0.008 min
Response: 978531
Conc: 8.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.010 min
Response: 528785
Conc: 4.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.013 min
Response: 504973
Conc: 4.64 ug/ml