

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049903.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 19:46
 Operator : YP\AJ
 Sample : P3812-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 04 01:33:51 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)	11.880	3257736	20.145 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.314	3495172	28.647 ug/ml
Spiked Amount 50.000		Recovery =	57.29%
Target Compounds			
7) T n-Hexadecane (C16)	10.119	181771	1.164 ug/ml
8) T n-Octadecane (C18)	11.560	223380	1.422 ug/ml
10) T n-Eicosane (C20)	12.867	254992	1.708 ug/ml
11) T n-Heneicosane (C21)	13.505	577115	3.934 ug/ml
13) T n-Docosane (C22)	14.065	152654	1.047 ug/ml
14) T n-Tetracosane (C24)	15.157	953709	6.556 ug/ml
15) T n-Hexacosane (C26)	16.188	89699	0.622 ug/ml
16) T n-Octacosane (C28)	17.161	673348	4.675 ug/ml
17) T n-Tricontane (C30)	18.024	481062	3.213 ug/ml
18) T n-Dotriacontane (C32)	18.855	331025	2.188 ug/ml
19) T n-Tetratriacontane (C34)	19.639	285615	1.868 ug/ml
20) T n-Hexatriacontane (C36)	20.382	195869	1.290 ug/ml
21) T n-Octatriacontane (C38)	21.107	490546	3.125 ug/ml
22) T n-Tetracontane (C40)	22.004	42690	0.280 ug/ml

(f)=RT Delta > 1/2 Window

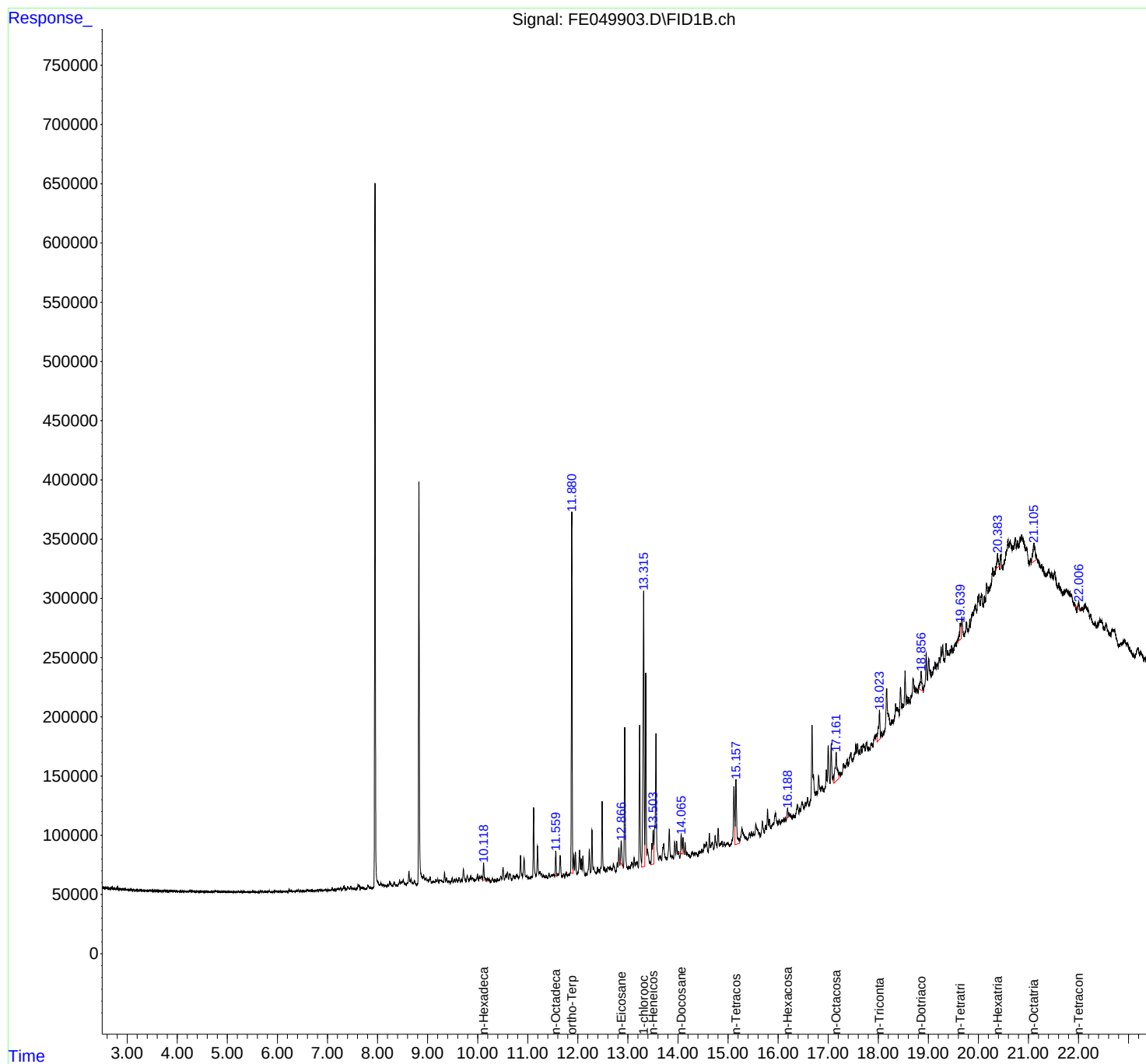
(m)=manual int.

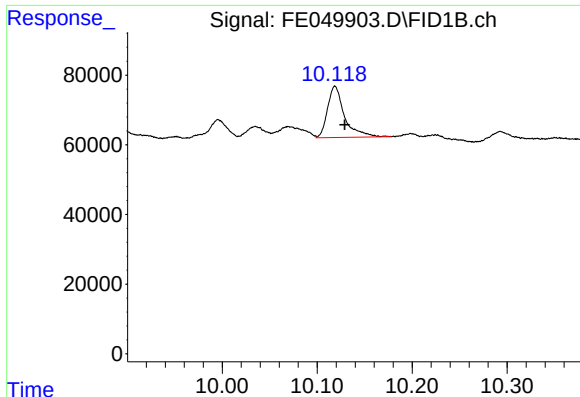
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Signal Info : 20M x 0.18mm x 0.18um

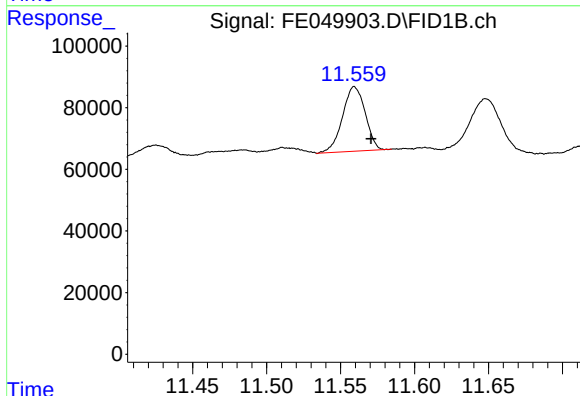




#7 n-Hexadecane (C16)

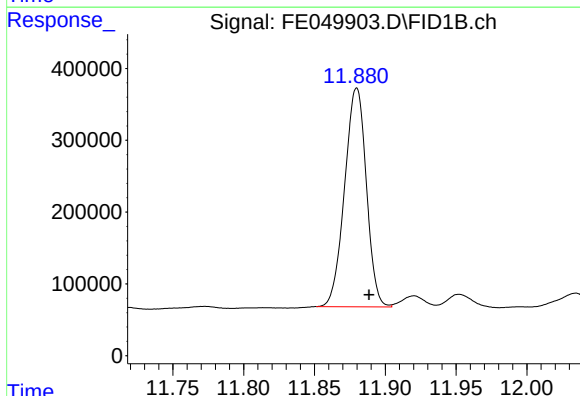
R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 181771
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



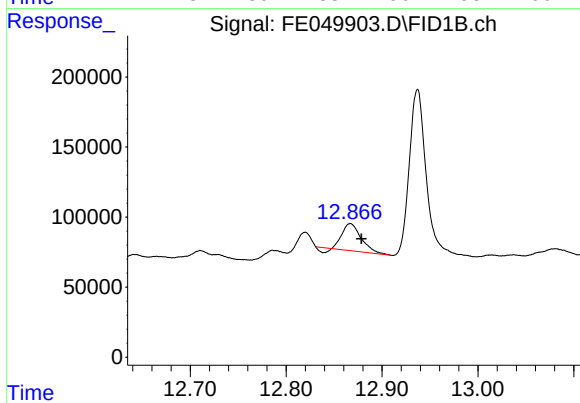
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.011 min
Response: 223380
Conc: 1.42 ug/ml



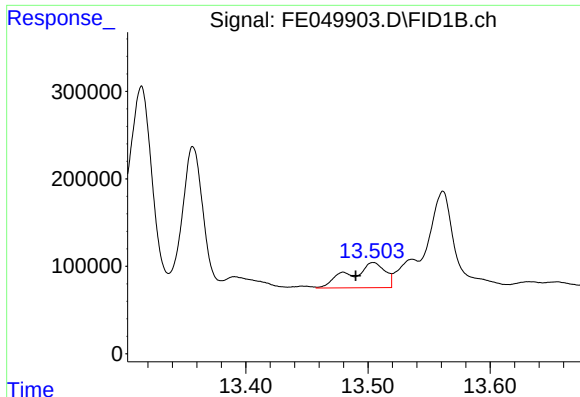
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: -0.009 min
Response: 3257736
Conc: 20.15 ug/ml



#10 n-Eicosane (C20)

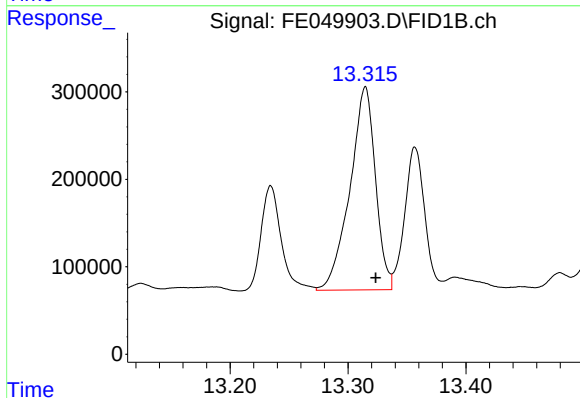
R.T.: 12.867 min
Delta R.T.: -0.012 min
Response: 254992
Conc: 1.71 ug/ml



#11 n-Heneicosane (C21)

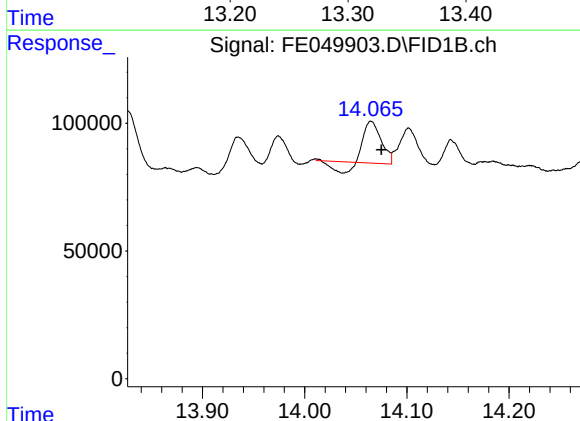
R.T.: 13.505 min
Delta R.T.: 0.015 min
Response: 577115
Conc: 3.93 ug/ml

Instrument :
FID_E
ClientSampleId :



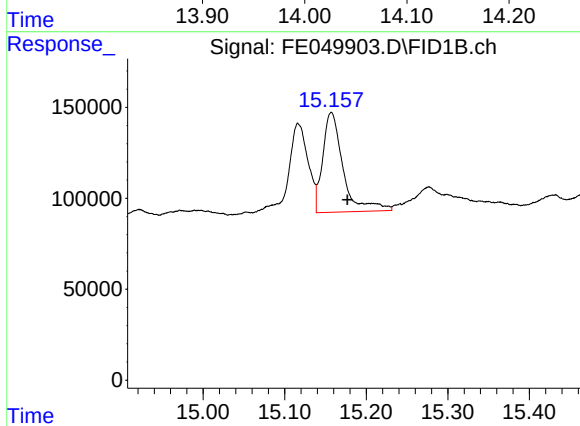
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 3495172
Conc: 28.65 ug/ml



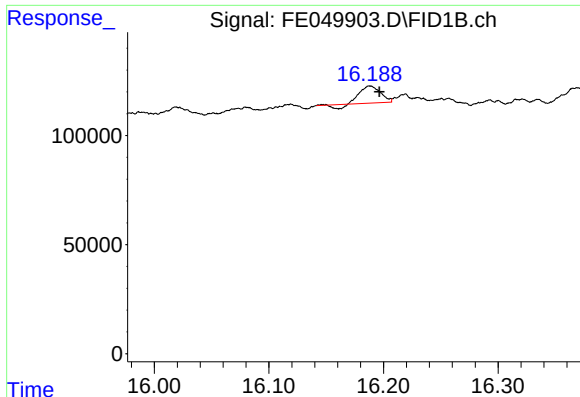
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.010 min
Response: 152654
Conc: 1.05 ug/ml



#14 n-Tetracosane (C24)

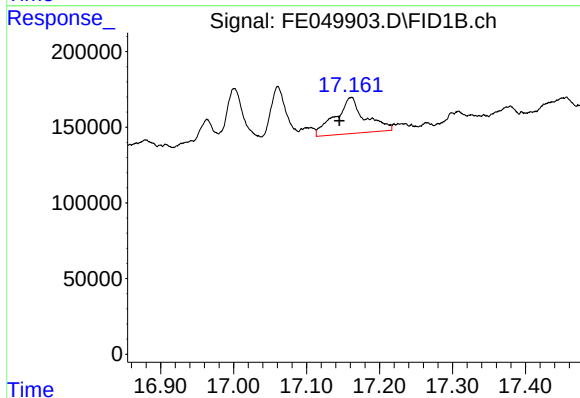
R.T.: 15.157 min
Delta R.T.: -0.020 min
Response: 953709
Conc: 6.56 ug/ml



#15 n-Hexacosane (C26)

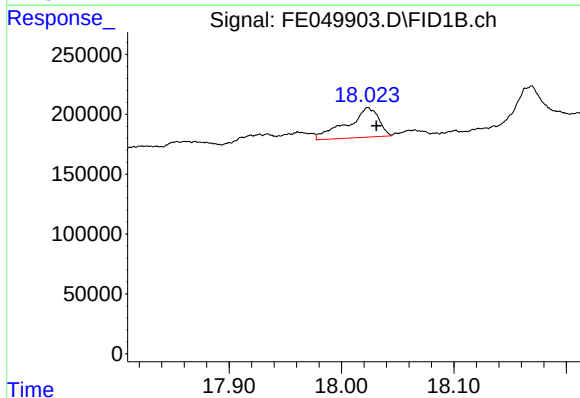
R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 89699
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



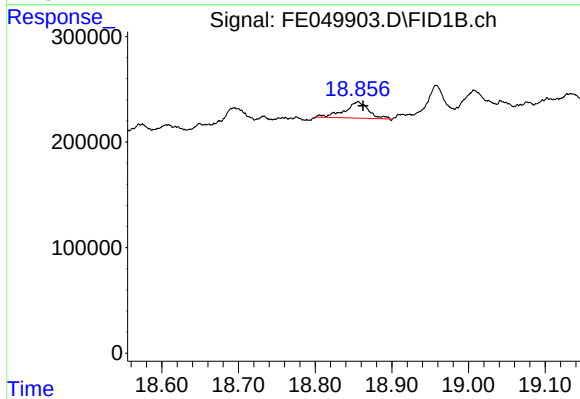
#16 n-Octacosane (C28)

R.T.: 17.161 min
Delta R.T.: 0.016 min
Response: 673348
Conc: 4.67 ug/ml



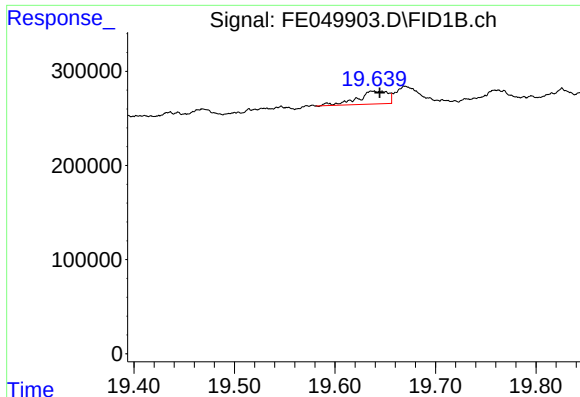
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 481062
Conc: 3.21 ug/ml



#18 n-Dotriacontane (C32)

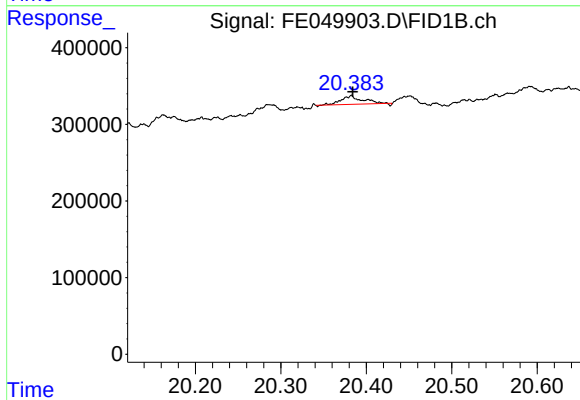
R.T.: 18.855 min
Delta R.T.: -0.007 min
Response: 331025
Conc: 2.19 ug/ml



#19 n-Tetratriacontane (C34)

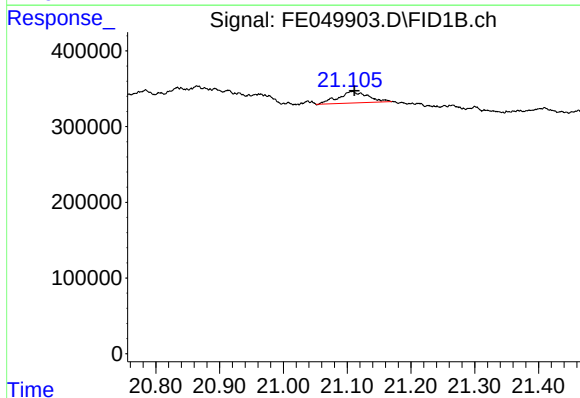
R.T.: 19.639 min
Delta R.T.: -0.006 min
Response: 285615
Conc: 1.87 ug/ml

Instrument :
FID_E
ClientSampleId :



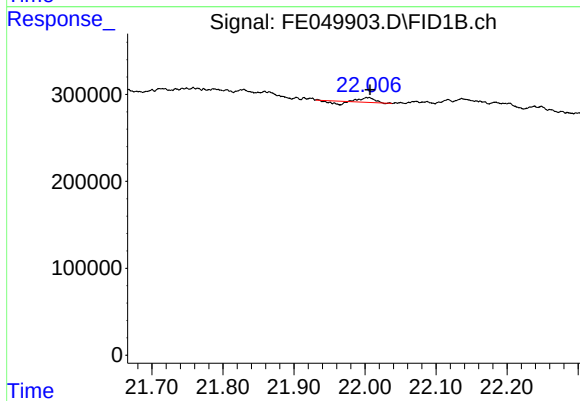
#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 195869
Conc: 1.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.004 min
Response: 490546
Conc: 3.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 42690
Conc: 0.28 ug/ml