

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101824AL\
 Data File : FE050729.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2024 10:14
 Operator : YP\AJ
 Sample : P4421-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 11:45:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.866	499010	3.165 ug/ml
Spiked Amount 50.000		Recovery =	6.33%
12) S 1-chlorooctadecane (S...	13.290	1227696	10.378 ug/ml
Spiked Amount 50.000		Recovery =	20.76%
Target Compounds			
7) T n-Hexadecane (C16)	10.104	108100	0.735 ug/ml
8) T n-Octadecane (C18)	11.545	102221	0.684 ug/ml
11) T n-Heneicosane (C21)	13.522f	443869	3.161 ug/ml
17) T n-Tricontane (C30)	18.009	143920	0.905 ug/ml
18) T n-Dotriacontane (C32)	18.841	94887	0.585 ug/ml
19) T n-Tetratriacontane (C34)	19.624	93479	0.636 ug/ml
20) T n-Hexatriacontane (C36)	20.364	192478	1.518 ug/ml
21) T n-Octatriacontane (C38)	21.090	349922	2.830 ug/ml

(f)=RT Delta > 1/2 Window

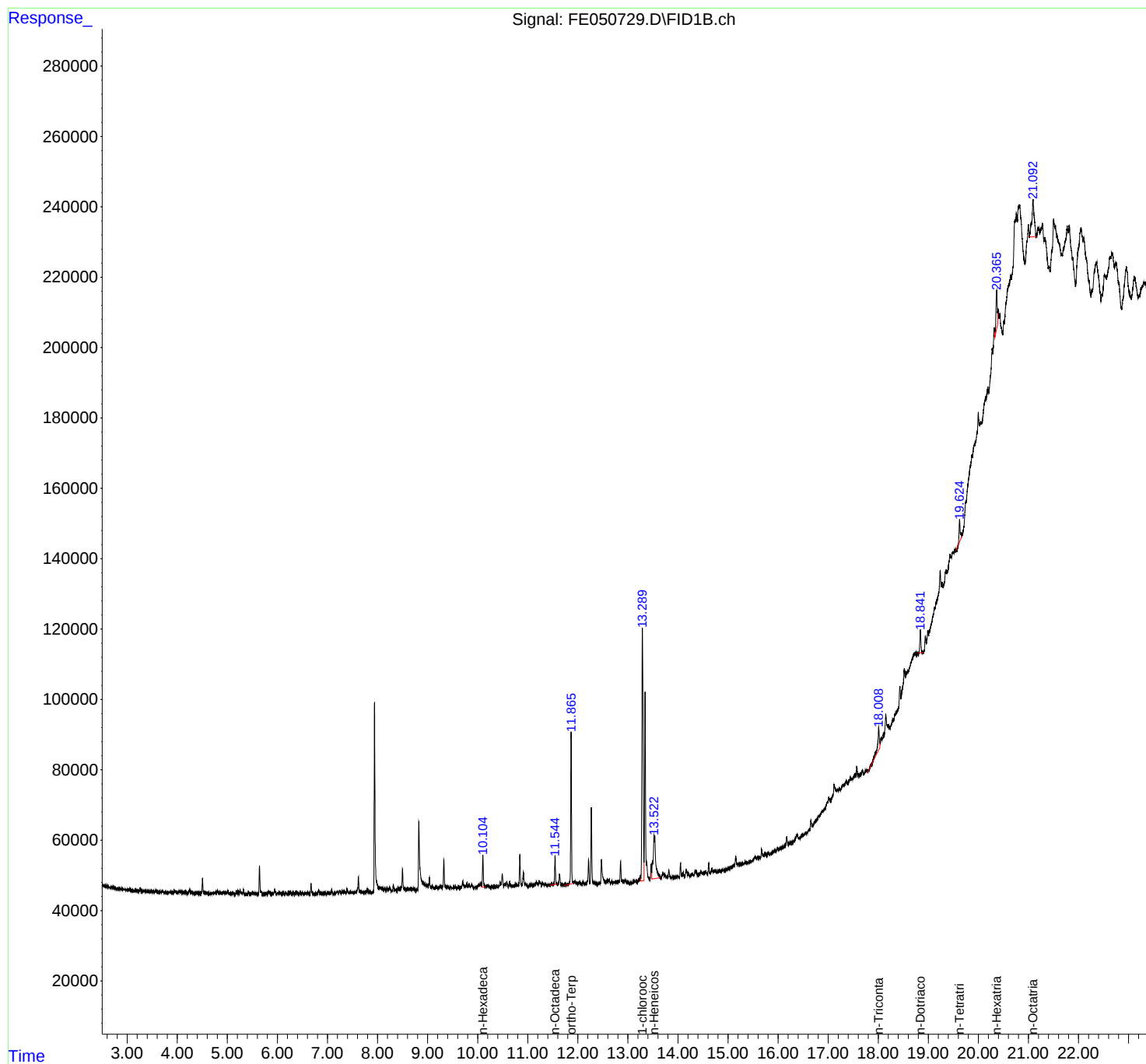
(m)=manual int.

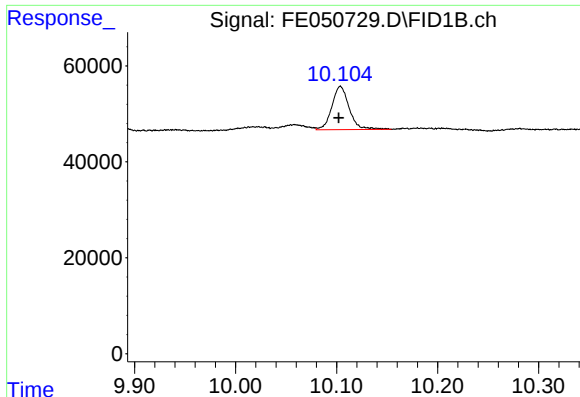
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Signal Info : 20M x 0.18mm x 0.18um

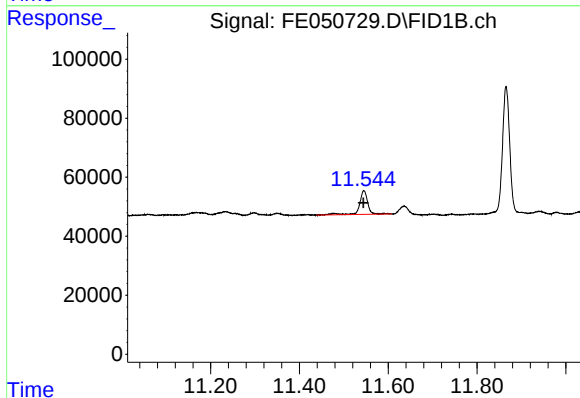




#7 n-Hexadecane (C16)

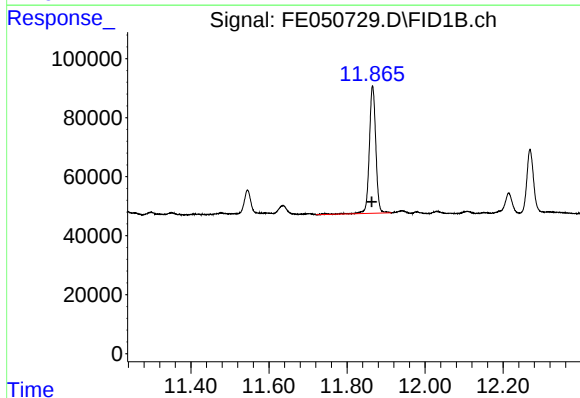
R.T.: 10.104 min
Delta R.T.: 0.002 min
Response: 108100
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



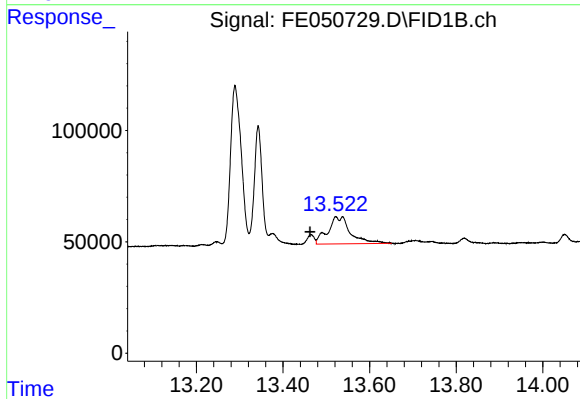
#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: 0.001 min
Response: 102221
Conc: 0.68 ug/ml



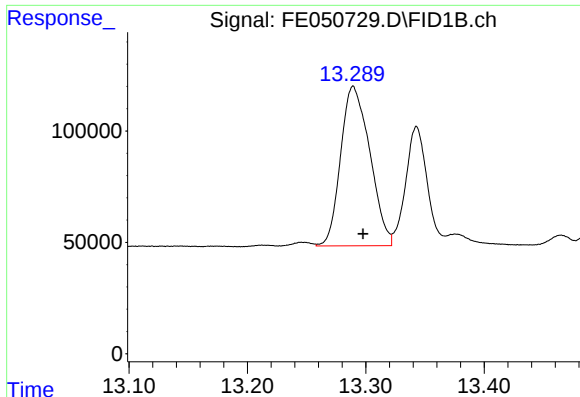
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: 0.002 min
Response: 499010
Conc: 3.17 ug/ml



#11 n-Heneicosane (C21)

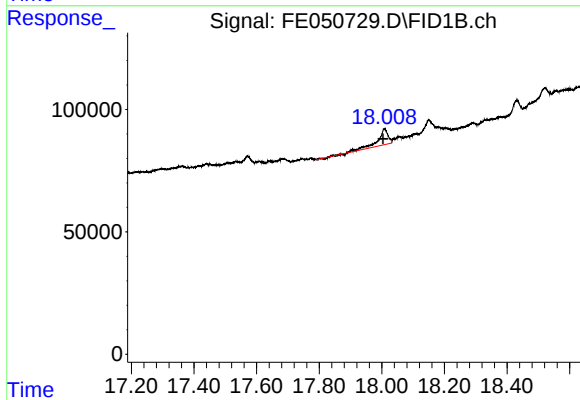
R.T.: 13.522 min
Delta R.T.: 0.060 min
Response: 443869
Conc: 3.16 ug/ml



#12 1-chlorooctadecane (SURR)

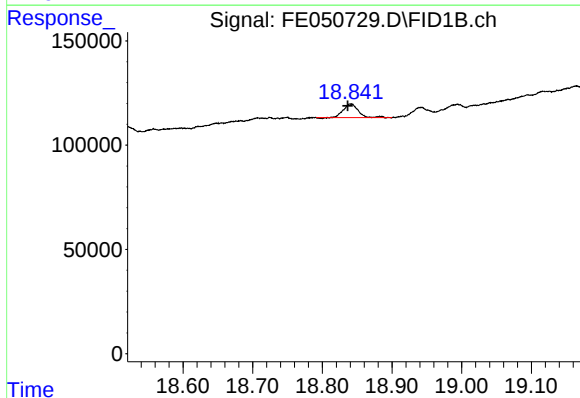
R.T.: 13.290 min
Delta R.T.: -0.008 min
Response: 1227696
Conc: 10.38 ug/ml

Instrument :
FID_E
ClientSampleId :



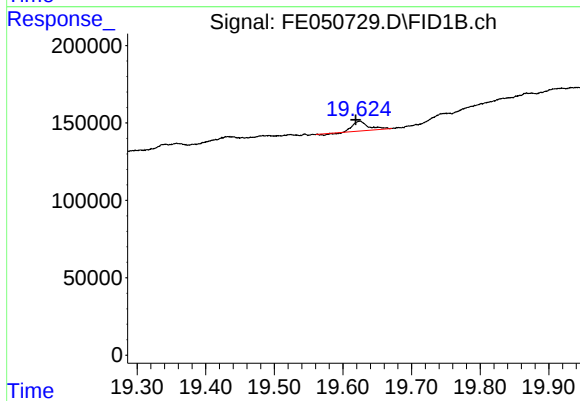
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: 0.004 min
Response: 143920
Conc: 0.91 ug/ml



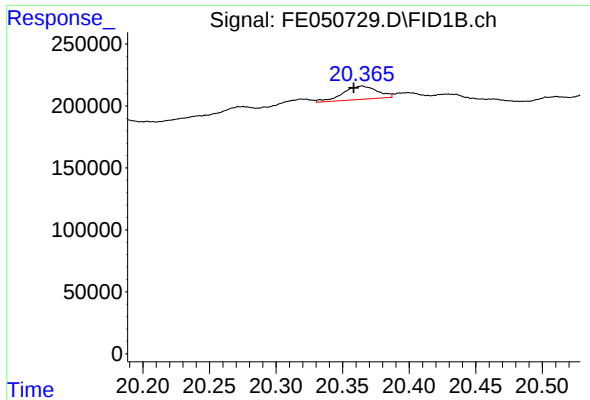
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: 0.004 min
Response: 94887
Conc: 0.59 ug/ml



#19 n-Tetratriacontane (C34)

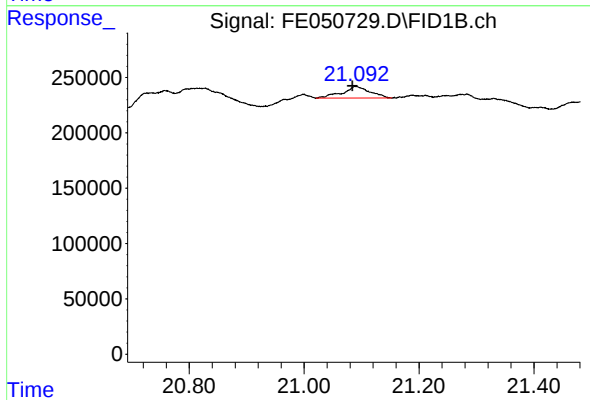
R.T.: 19.624 min
Delta R.T.: 0.006 min
Response: 93479
Conc: 0.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: 0.006 min
Response: 192478
Conc: 1.52 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: 0.006 min
Response: 349922
Conc: 2.83 ug/ml