

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037436.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 10:35
 Operator : YP\AJ
 Sample : N4498-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 07 14:53:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.644	1133985	6.710 ug/ml
Spiked Amount 50.000		Recovery =	13.42%
12) S 1-chlorooctadecane (S...	13.065	1453162	11.291 ug/ml
Spiked Amount 50.000		Recovery =	22.58%
Target Compounds			
6) T n-Tetradecane (C14)	9.886	38588	0.244 ug/ml
7) T n-Hexadecane (C16)	9.886	38588	0.244 ug/ml
8) T n-Octadecane (C18)	11.319	51900	0.326 ug/ml
10) T n-Eicosane (C20)	12.621	155773	0.985 ug/ml
11) T n-Heneicosane (C21)	13.290f	66889	0.424 ug/ml
13) T n-Docosane (C22)	13.861	245362	1.576 ug/ml
14) T n-Tetracosane (C24)	14.915	858571	5.708 ug/ml
16) T n-Octacosane (C28)	16.874	83219	0.601 ug/ml
17) T n-Tricontane (C30)	17.759	57597	0.423 ug/ml
18) T n-Dotriacontane (C32)	18.593	253772	1.900 ug/ml
19) T n-Tetratriacontane (C34)	19.368	139661	1.104 ug/ml
20) T n-Hexatriacontane (C36)	20.103	79757	0.620 ug/ml
21) T n-Octatriacontane (C38)	20.743f	21779	0.175 ug/ml
22) T n-Tetracontane (C40)	21.520f	31458	0.244 ug/ml

(f)=RT Delta > 1/2 Window

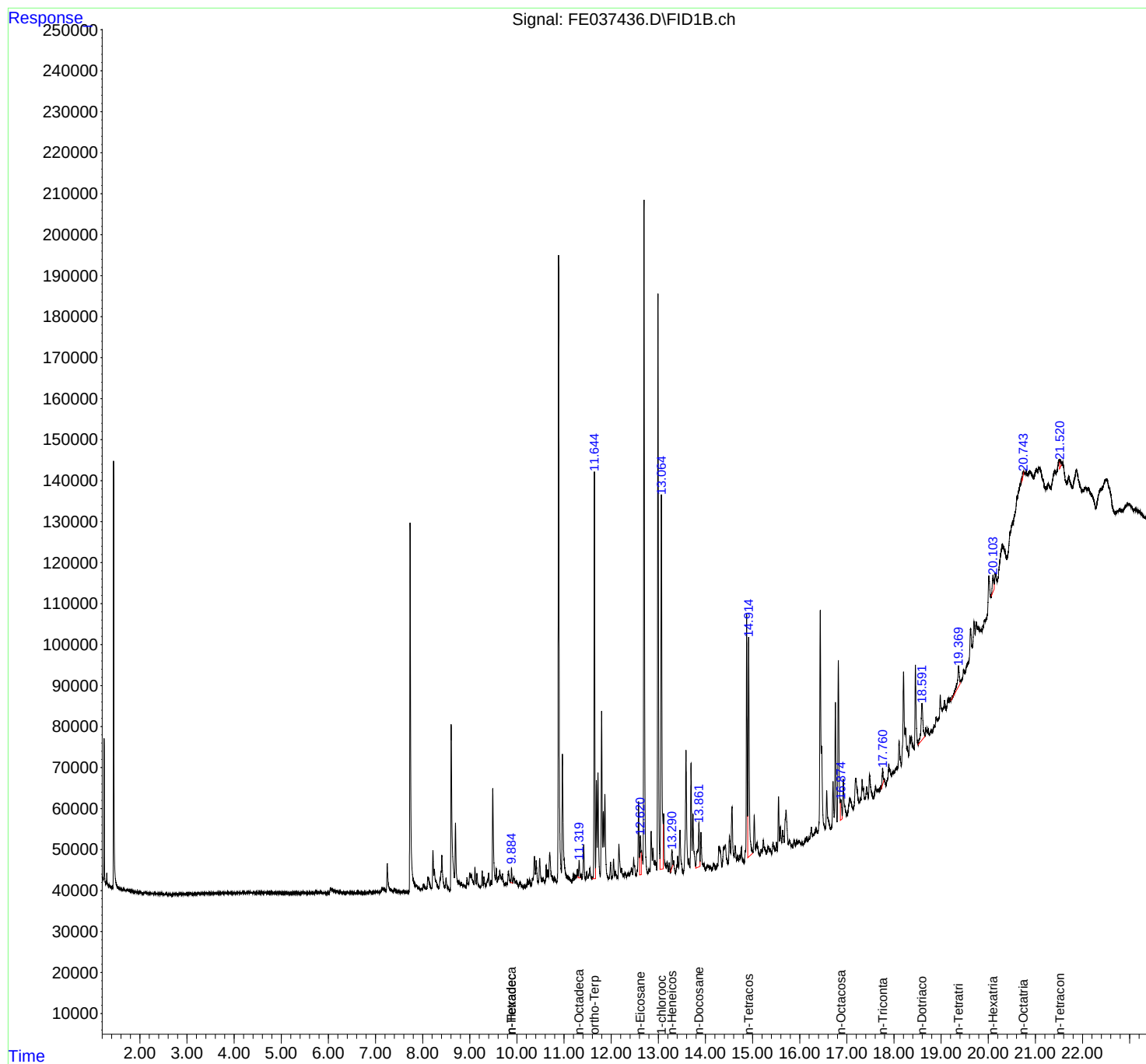
(m)=manual int.

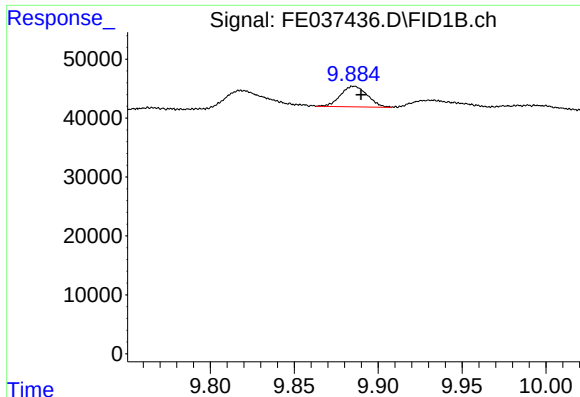
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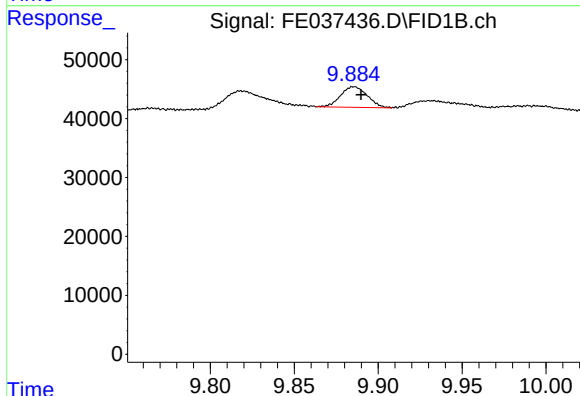




#6 n-Tetradecane (C14)

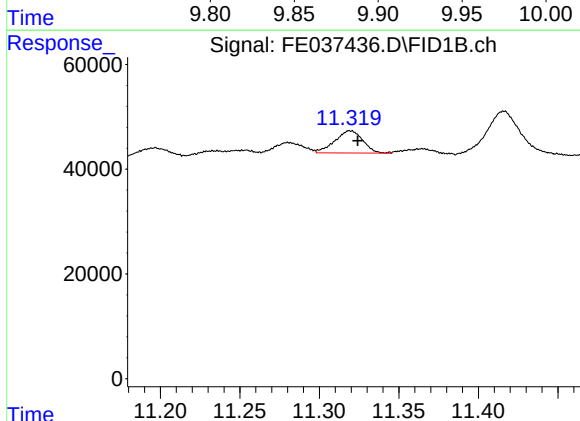
R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 38588
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



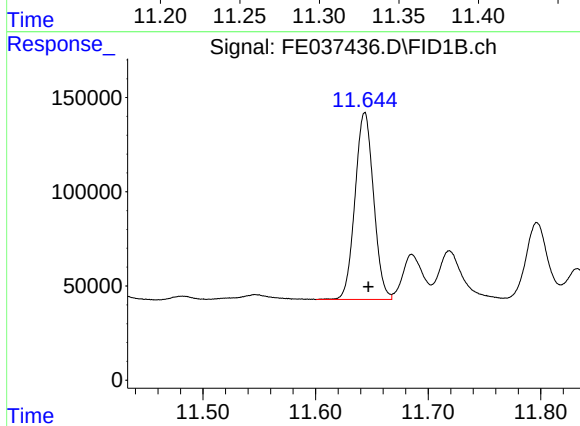
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 38588
Conc: 0.24 ug/ml



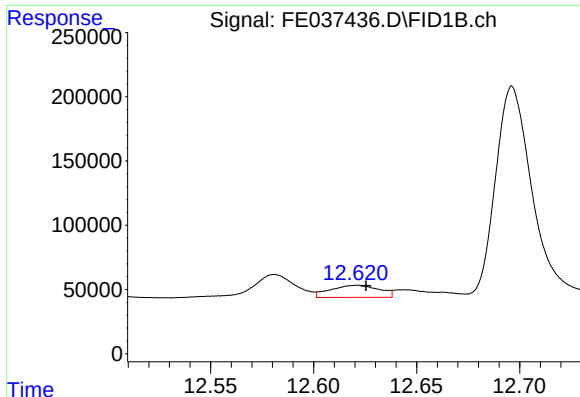
#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 51900
Conc: 0.33 ug/ml



#9 ortho-Terphenyl (SURR)

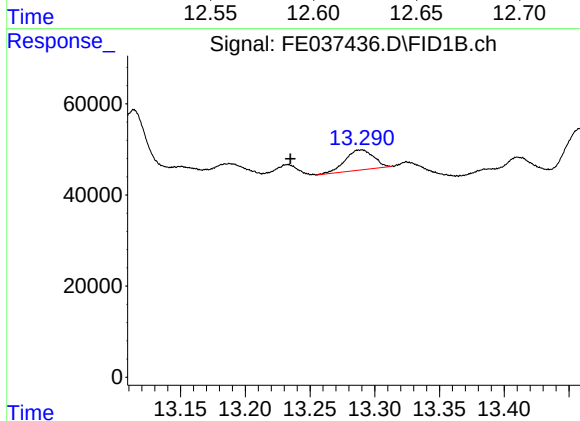
R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 1133985
Conc: 6.71 ug/ml



#10 n-Eicosane (C20)

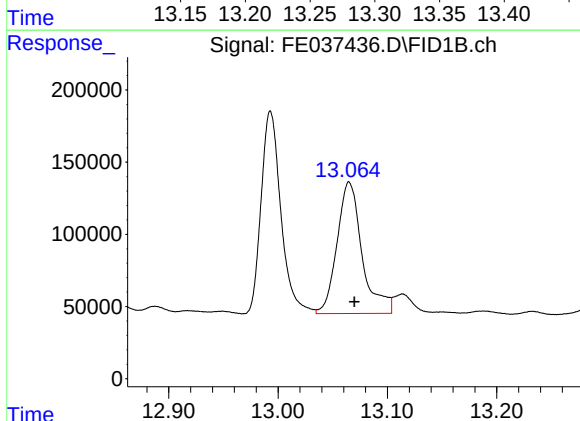
R.T.: 12.621 min
Delta R.T.: -0.004 min
Response: 155773
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



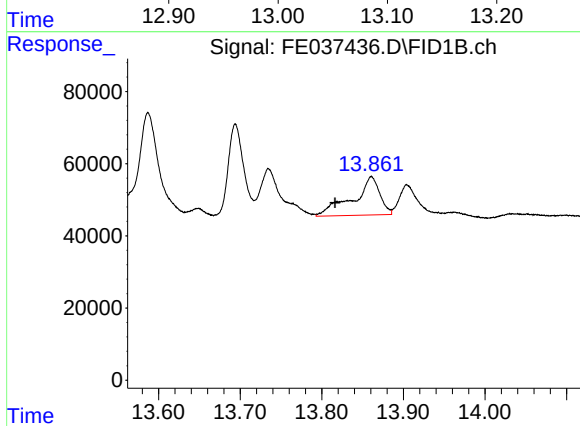
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: 0.055 min
Response: 66889
Conc: 0.42 ug/ml



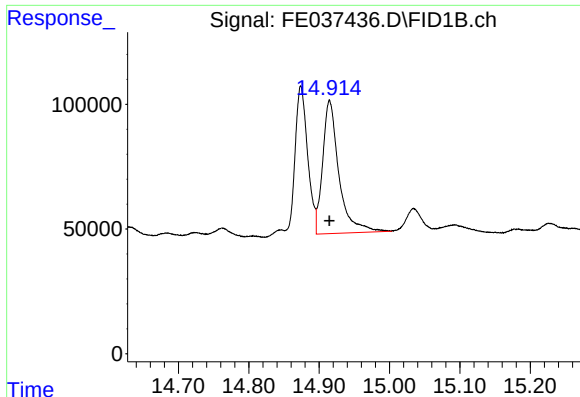
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.005 min
Response: 1453162
Conc: 11.29 ug/ml



#13 n-Docosane (C22)

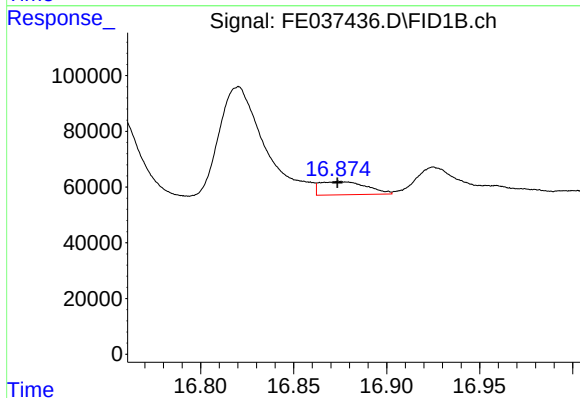
R.T.: 13.861 min
Delta R.T.: 0.044 min
Response: 245362
Conc: 1.58 ug/ml



#14 n-Tetracosane (C24)

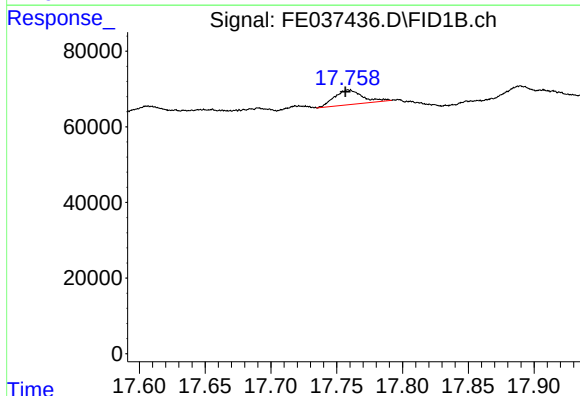
R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 858571
Conc: 5.71 ug/ml

Instrument :
FID_E
ClientSampleId :



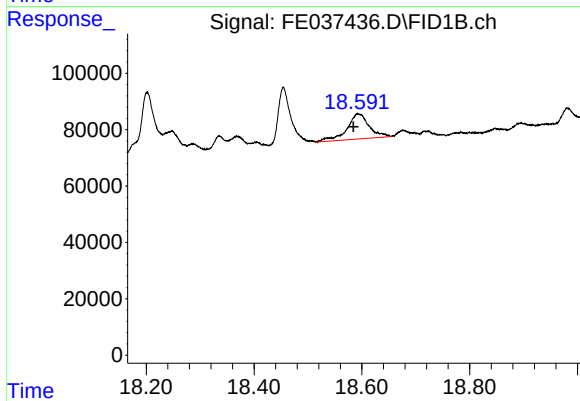
#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: 0.000 min
Response: 83219
Conc: 0.60 ug/ml



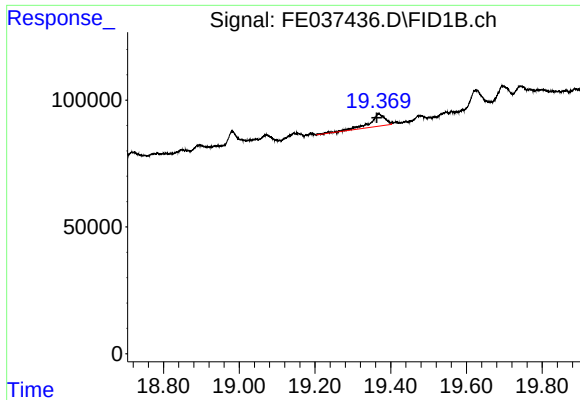
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.002 min
Response: 57597
Conc: 0.42 ug/ml



#18 n-Dotriacontane (C32)

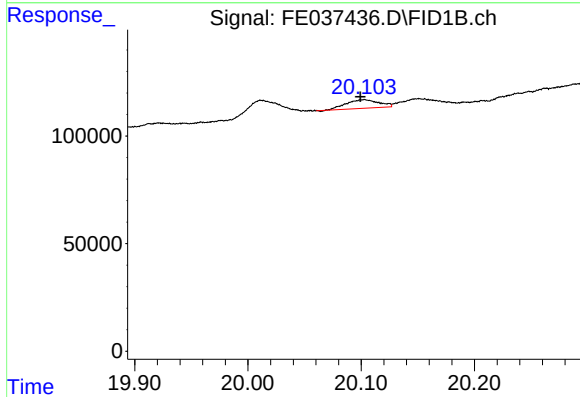
R.T.: 18.593 min
Delta R.T.: 0.009 min
Response: 253772
Conc: 1.90 ug/ml



#19 n-Tetratriacontane (C34)

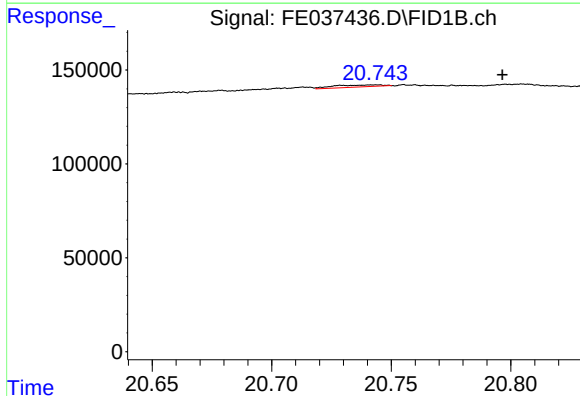
R.T.: 19.368 min
Delta R.T.: 0.005 min
Response: 139661
Conc: 1.10 ug/ml

Instrument :
FID_E
ClientSampleId :



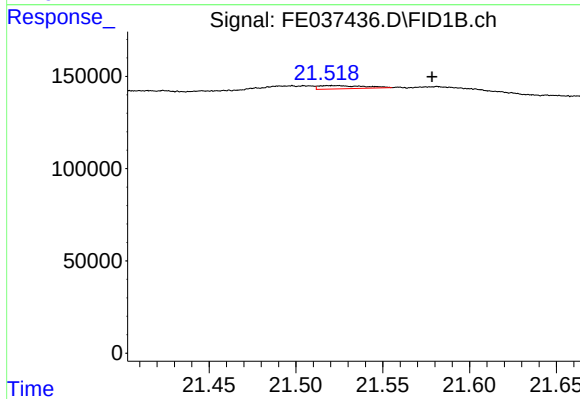
#20 n-Hexatriacontane (C36)

R.T.: 20.103 min
Delta R.T.: 0.003 min
Response: 79757
Conc: 0.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.053 min
Response: 21779
Conc: 0.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: -0.059 min
Response: 31458
Conc: 0.24 ug/ml