

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040269.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 21:11
 Operator : YP\AJ
 Sample : 01478-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 02:37:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.897	5030545	31.079 ug/ml
Spiked Amount 50.000		Recovery =	62.16%
12) S 1-chlorooctadecane (S...	13.334	4928007	39.735 ug/ml
Spiked Amount 50.000		Recovery =	79.47%
Target Compounds			
7) T n-Hexadecane (C16)	10.154	89074	0.621 ug/ml
10) T n-Eicosane (C20)	12.897	166129	1.130 ug/ml
11) T n-Heneicosane (C21)	13.524	160376	1.087 ug/ml
13) T n-Docosane (C22)	14.117	375685	2.536 ug/ml
14) T n-Tetracosane (C24)	15.173	1717655	11.315 ug/ml
15) T n-Hexacosane (C26)	16.215	120684	0.814 ug/ml
16) T n-Octacosane (C28)	17.179	793258	5.293 ug/ml
17) T n-Tricontane (C30)	18.049	265534	1.800 ug/ml
18) T n-Dotriacontane (C32)	18.874	206576	1.410 ug/ml
19) T n-Tetratriacontane (C34)	19.663	126847	0.922 ug/ml
20) T n-Hexatriacontane (C36)	20.412	76690	0.578 ug/ml
21) T n-Octatriacontane (C38)	21.137	82486	0.636 ug/ml
22) T n-Tetracontane (C40)	22.044	48420	0.365 ug/ml

(f)=RT Delta > 1/2 Window

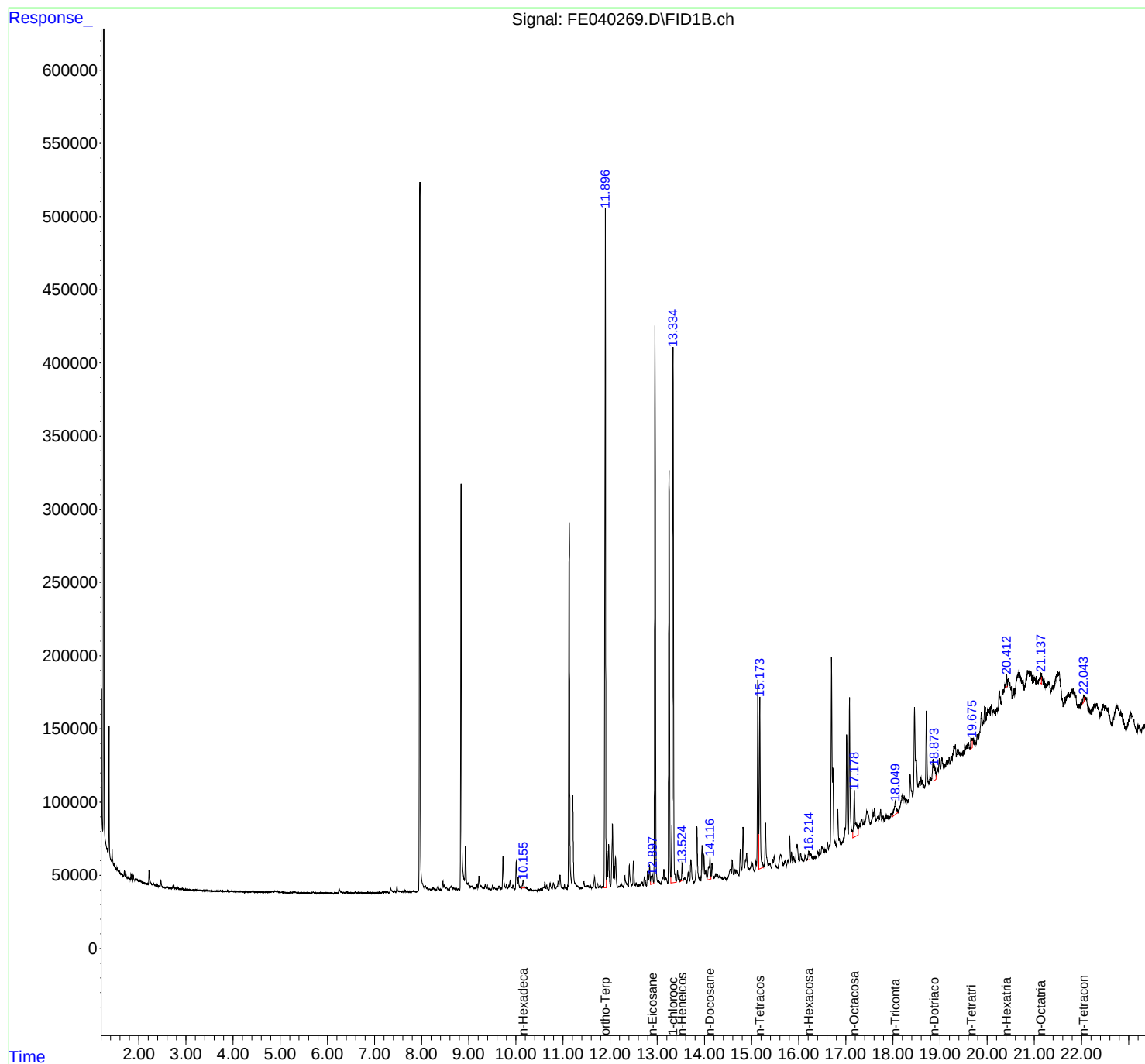
(m)=manual int.

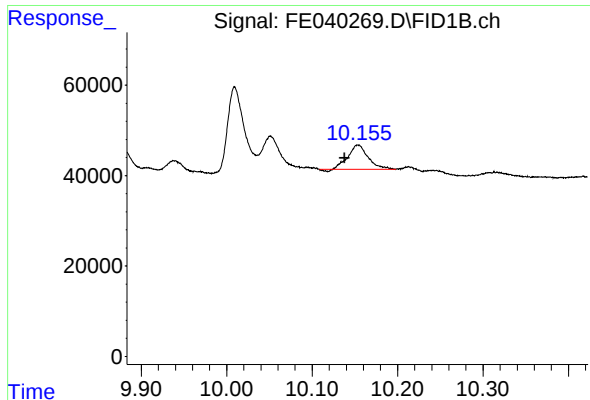
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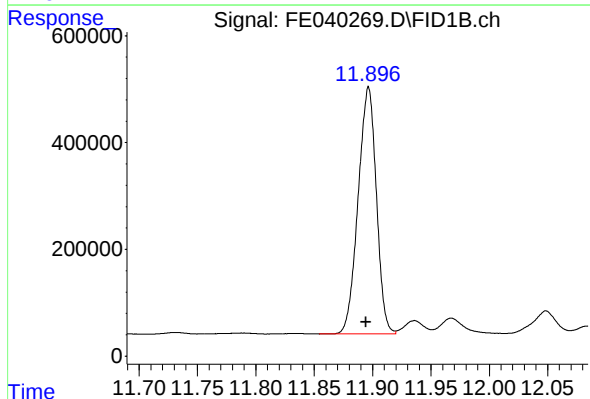




#7 n-Hexadecane (C16)

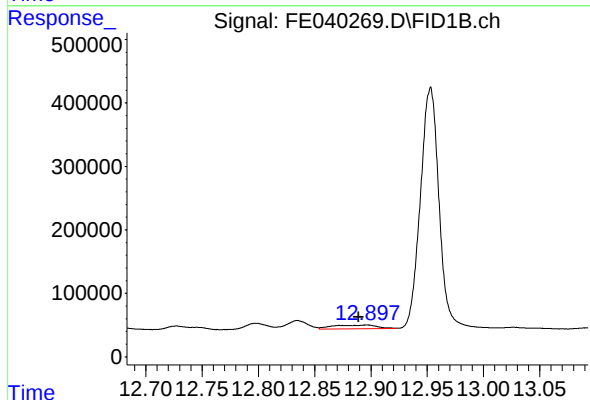
R.T.: 10.154 min
Delta R.T.: 0.016 min
Response: 89074
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



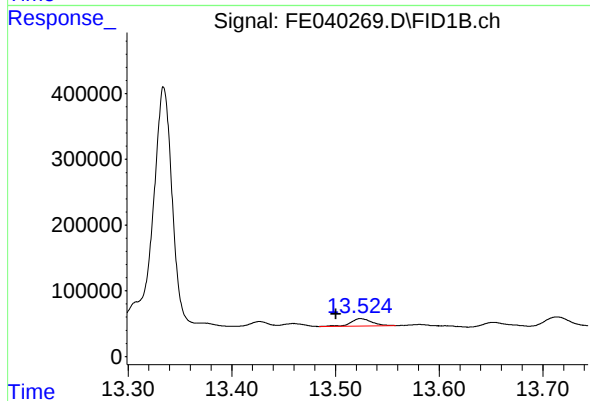
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: 0.002 min
Response: 5030545
Conc: 31.08 ug/ml



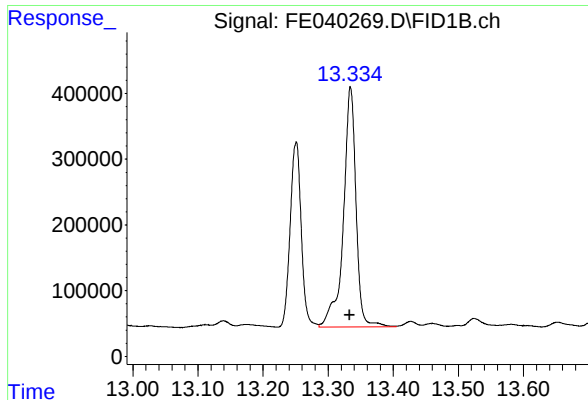
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: 0.007 min
Response: 166129
Conc: 1.13 ug/ml



#11 n-Heneicosane (C21)

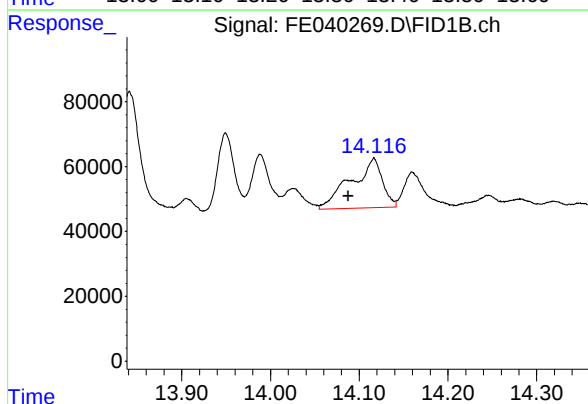
R.T.: 13.524 min
Delta R.T.: 0.024 min
Response: 160376
Conc: 1.09 ug/ml



#12 1-chlorooctadecane (SURR)

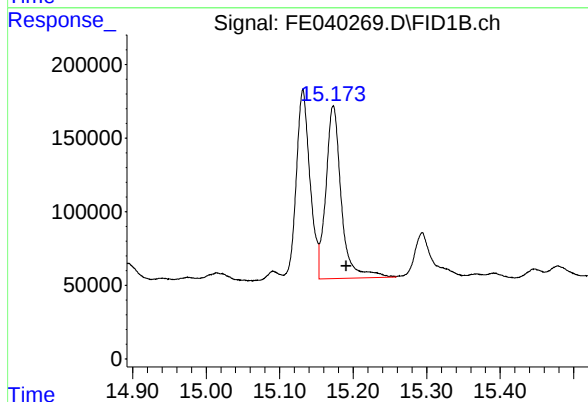
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 4928007
Conc: 39.73 ug/ml

Instrument :
FID_E
ClientSampleId :



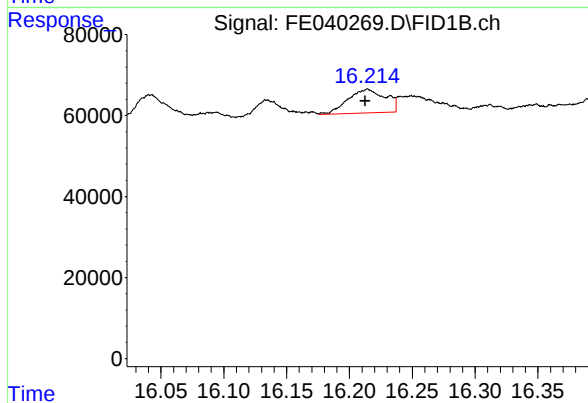
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.029 min
Response: 375685
Conc: 2.54 ug/ml



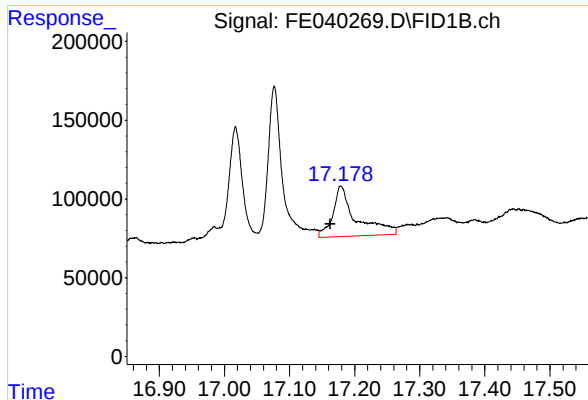
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.018 min
Response: 1717655
Conc: 11.32 ug/ml



#15 n-Hexacosane (C26)

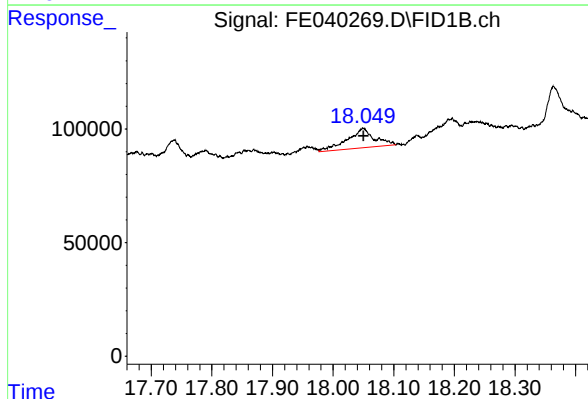
R.T.: 16.215 min
Delta R.T.: 0.002 min
Response: 120684
Conc: 0.81 ug/ml



#16 n-Octacosane (C28)

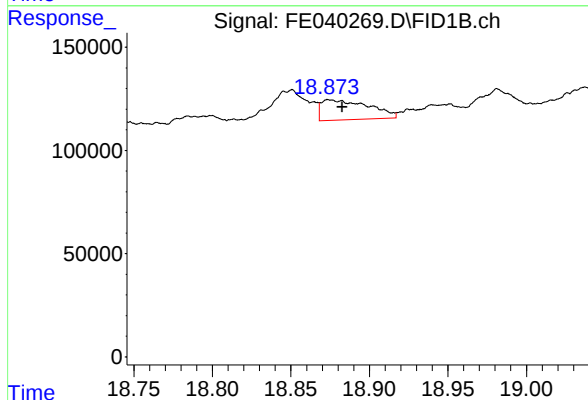
R.T.: 17.179 min
Delta R.T.: 0.016 min
Response: 793258
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :



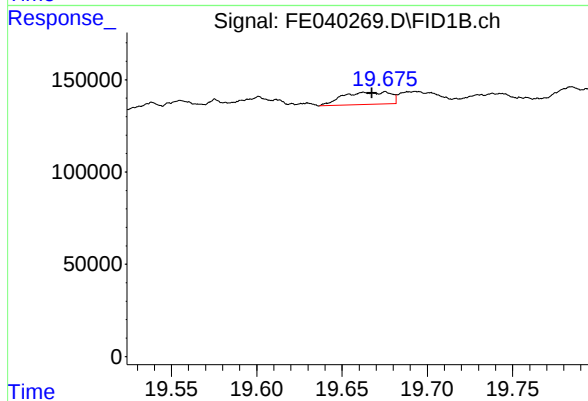
#17 n-Tricontane (C30)

R.T.: 18.049 min
Delta R.T.: 0.000 min
Response: 265534
Conc: 1.80 ug/ml



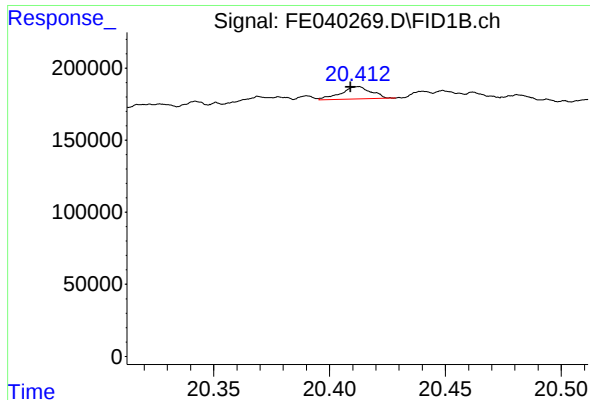
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 206576
Conc: 1.41 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.005 min
Response: 126847
Conc: 0.92 ug/ml



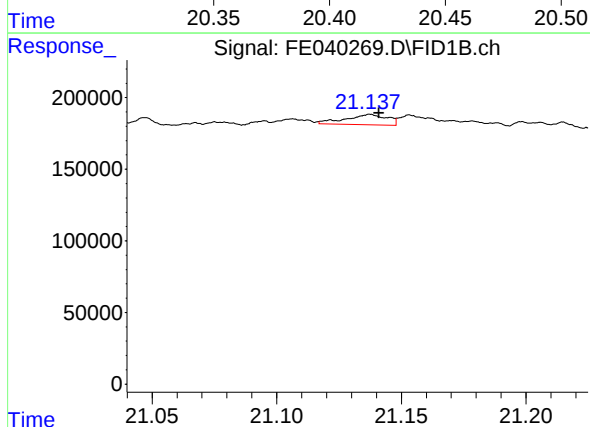
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.003 min
Response: 76690
Conc: 0.58 ug/ml

Instrument :

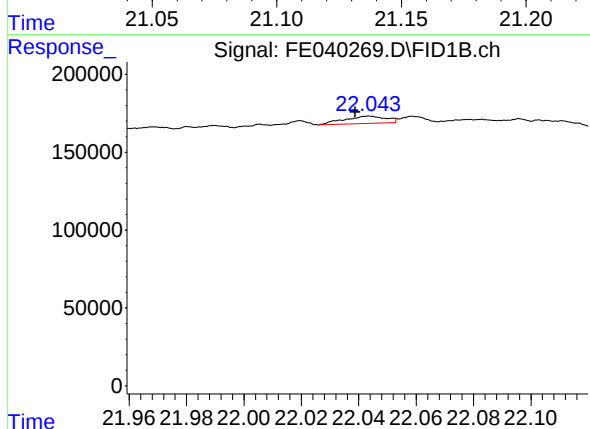
FID_E

ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.004 min
Response: 82486
Conc: 0.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: 0.005 min
Response: 48420
Conc: 0.36 ug/ml