

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041047.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 15:56
 Operator : YP\AJ
 Sample : 02105-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 29 01:31:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.857	7350146	39.109 ug/ml
Spiked Amount 50.000		Recovery =	78.22%
12) S 1-chlorooctadecane (S...	13.296	5959007	41.417 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
7) T n-Hexadecane (C16)	10.097	21514	0.121 ug/ml
10) T n-Eicosane (C20)	12.846	63000	0.369 ug/ml
11) T n-Heneicosane (C21)	13.461	23272	0.138 ug/ml
13) T n-Docosane (C22)	14.044	120465	0.728 ug/ml
14) T n-Tetracosane (C24)	15.144	319123	1.972 ug/ml
15) T n-Hexacosane (C26)	16.171	62840	0.405 ug/ml
16) T n-Octacosane (C28)	17.139	520063	3.395 ug/ml
17) T n-Tricontane (C30)	18.008	430079	2.814 ug/ml
18) T n-Dotriacontane (C32)	18.834	174504	1.118 ug/ml
19) T n-Tetratriacontane (C34)	19.648	24287	0.157 ug/ml
20) T n-Hexatriacontane (C36)	20.367	100508	0.662 ug/ml
21) T n-Octatriacontane (C38)	21.096	110026	0.704 ug/ml
22) T n-Tetracontane (C40)	21.982	106624	0.668 ug/ml

(f)=RT Delta > 1/2 Window

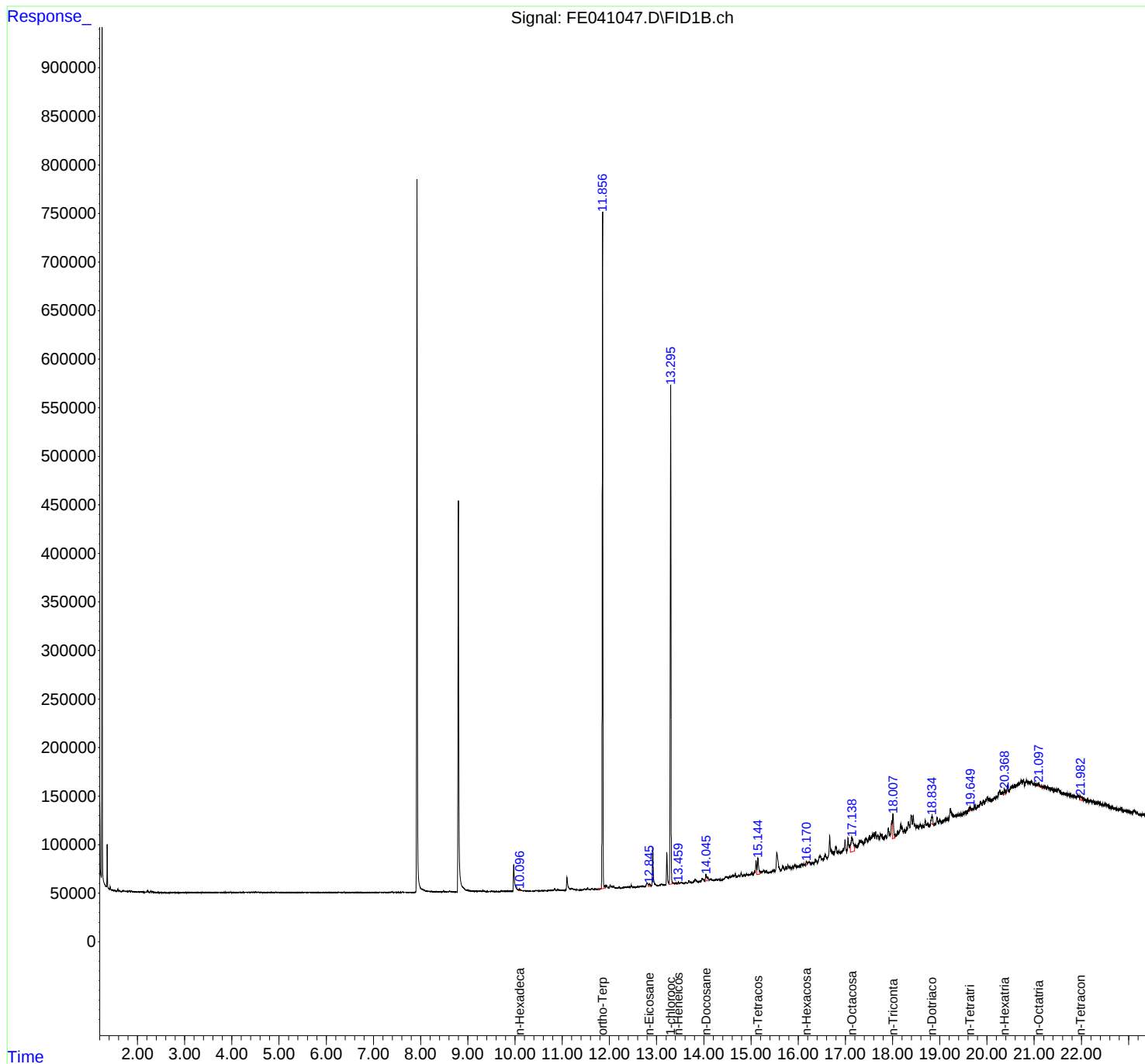
(m)=manual int.

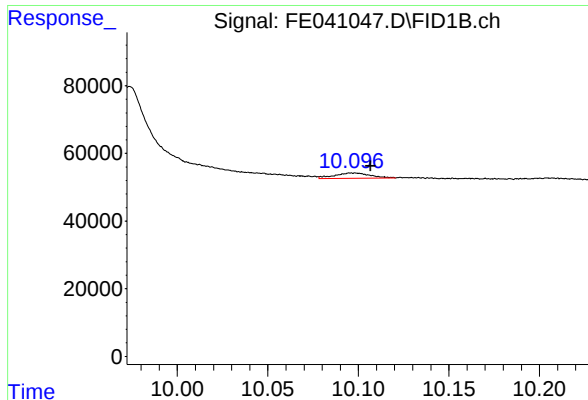
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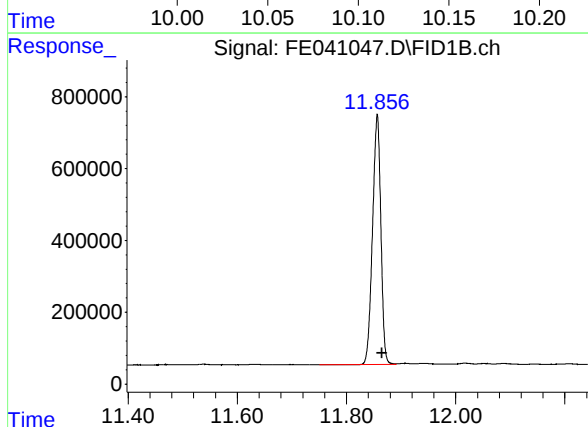
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.010 min
Response: 21514
Conc: 0.12 ug/ml

Instrument :

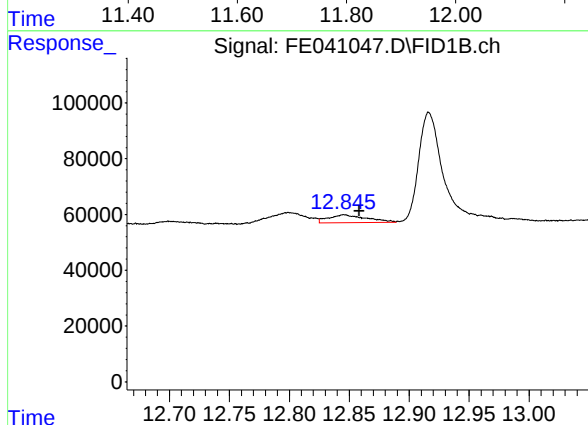
FID_E

ClientSampleId :



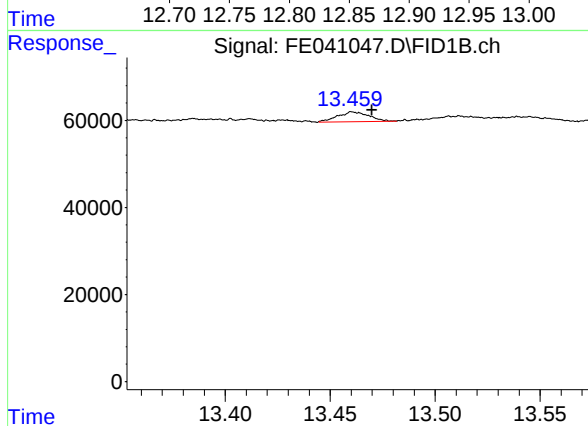
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.009 min
Response: 7350146
Conc: 39.11 ug/ml



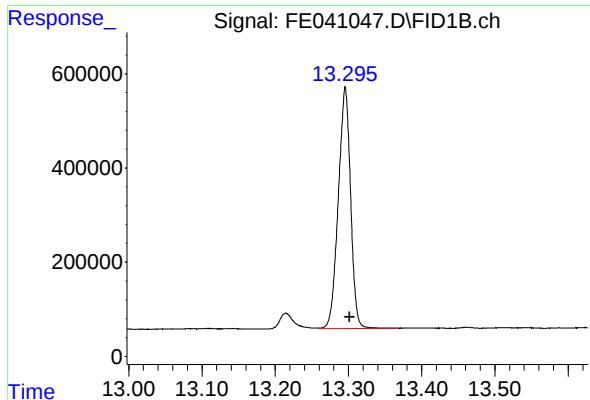
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.013 min
Response: 63000
Conc: 0.37 ug/ml



#11 n-Heneicosane (C21)

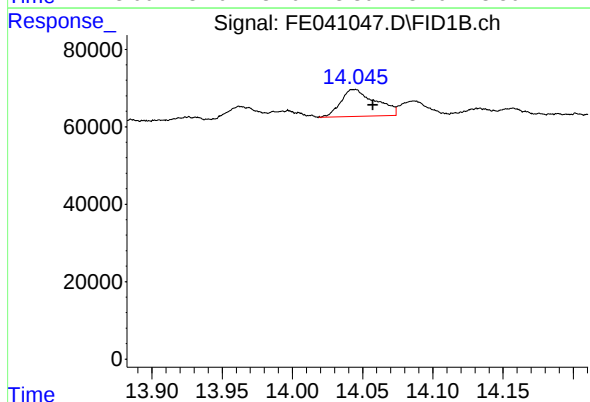
R.T.: 13.461 min
Delta R.T.: -0.009 min
Response: 23272
Conc: 0.14 ug/ml



#12 1-chlorooctadecane (SURR)

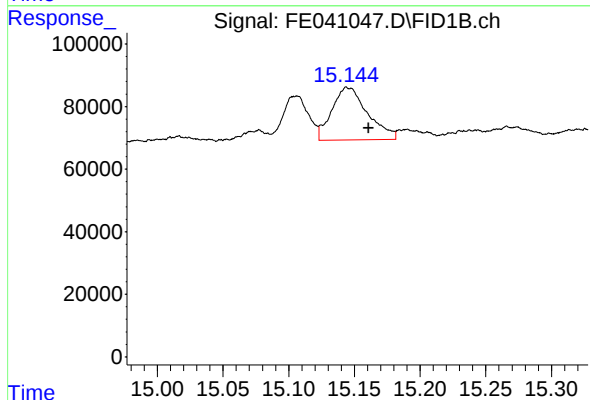
R.T.: 13.296 min
Delta R.T.: -0.006 min
Response: 5959007
Conc: 41.42 ug/ml

Instrument :
FID_E
ClientSampleId :



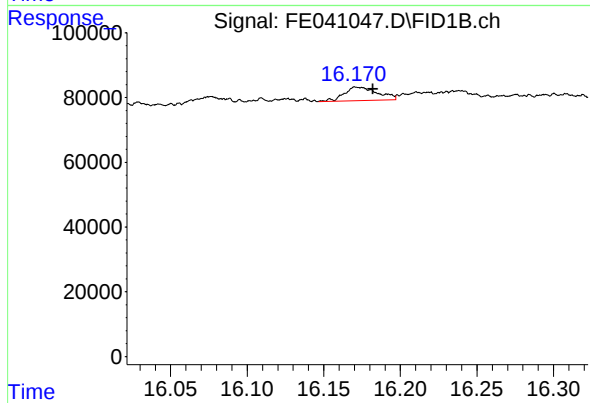
#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.013 min
Response: 120465
Conc: 0.73 ug/ml



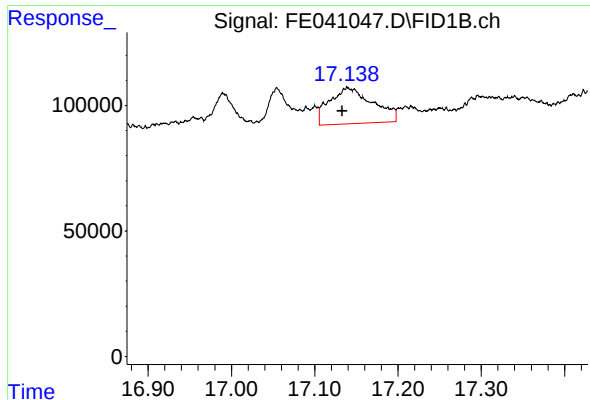
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.016 min
Response: 319123
Conc: 1.97 ug/ml



#15 n-Hexacosane (C26)

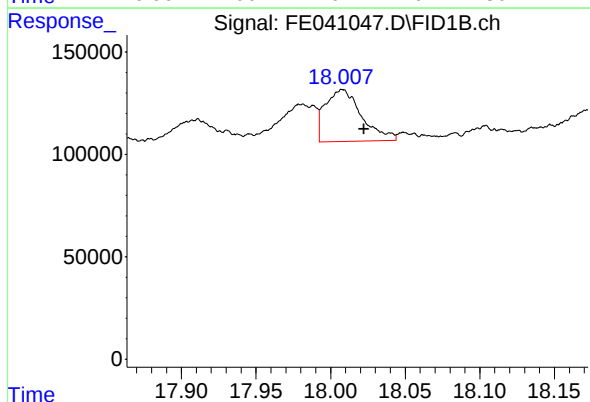
R.T.: 16.171 min
Delta R.T.: -0.011 min
Response: 62840
Conc: 0.41 ug/ml



#16 n-Octacosane (C28)

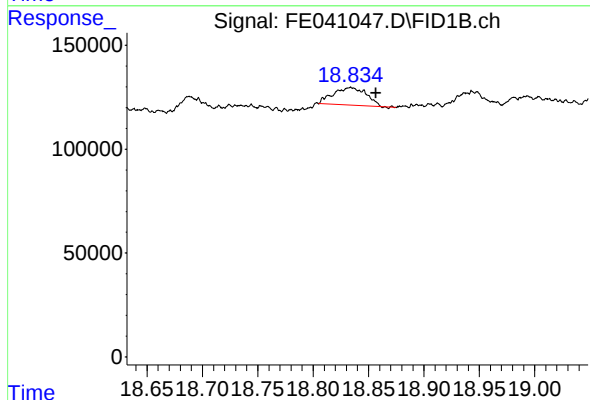
R.T.: 17.139 min
Delta R.T.: 0.006 min
Response: 520063
Conc: 3.40 ug/ml

Instrument :
FID_E
ClientSampleId :



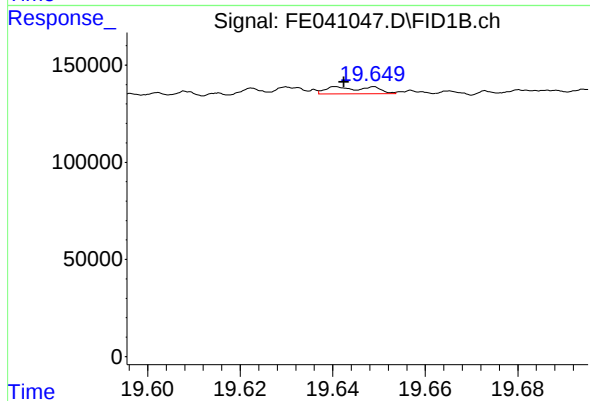
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.014 min
Response: 430079
Conc: 2.81 ug/ml



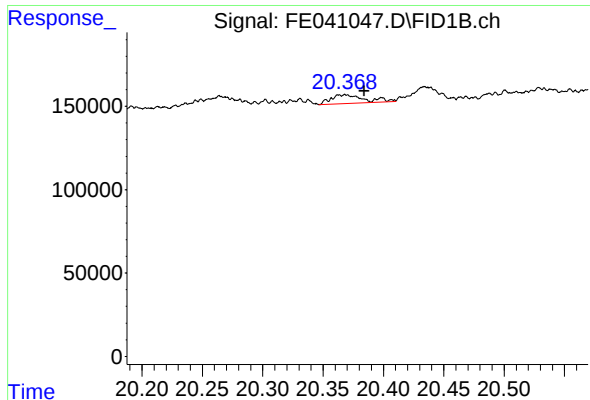
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.023 min
Response: 174504
Conc: 1.12 ug/ml



#19 n-Tetratriacontane (C34)

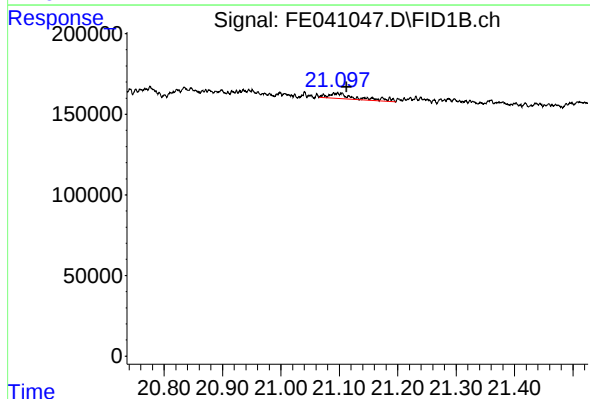
R.T.: 19.648 min
Delta R.T.: 0.006 min
Response: 24287
Conc: 0.16 ug/ml



#20 n-Hexatriacontane (C36)

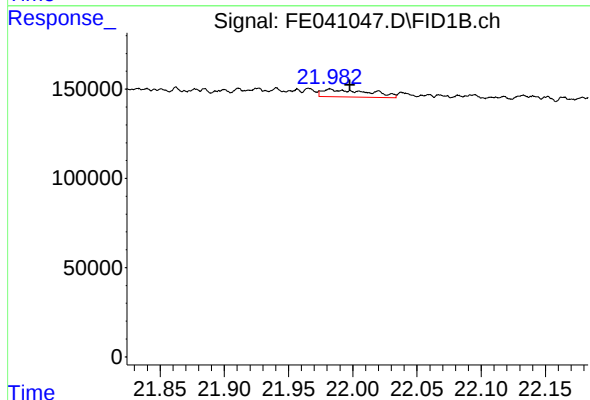
R.T.: 20.367 min
Delta R.T.: -0.017 min
Response: 100508
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.017 min
Response: 110026
Conc: 0.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.016 min
Response: 106624
Conc: 0.67 ug/ml