

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE041997.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 18:21
 Operator : YP\AJ
 Sample : 02823-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 19 01:41:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.969	4724383	26.755 ug/ml
Spiked Amount 50.000		Recovery =	53.51%
12) S 1-chlorooctadecane (S...	13.405	3926964	29.553 ug/ml
Spiked Amount 50.000		Recovery =	59.11%
Target Compounds			
7) T n-Hexadecane (C16)	10.204	185018	1.188 ug/ml
8) T n-Octadecane (C18)	11.647	151757	0.960 ug/ml
10) T n-Eicosane (C20)	13.020f	514876	3.397 ug/ml
14) T n-Tetracosane (C24)	15.237	494148	3.423 ug/ml
15) T n-Hexacosane (C26)	16.281	150980	1.090 ug/ml
16) T n-Octacosane (C28)	17.233	286764	2.142 ug/ml
17) T n-Tricontane (C30)	18.119	463604	3.434 ug/ml
18) T n-Dotriacontane (C32)	18.950	437630	3.276 ug/ml
19) T n-Tetratriacontane (C34)	19.738	464810	3.534 ug/ml
20) T n-Hexatriacontane (C36)	20.483	458968	3.531 ug/ml
21) T n-Octatriacontane (C38)	21.232	557224	4.107 ug/ml
22) T n-Tetracontane (C40)	22.161	504351	3.625 ug/ml

(f)=RT Delta > 1/2 Window

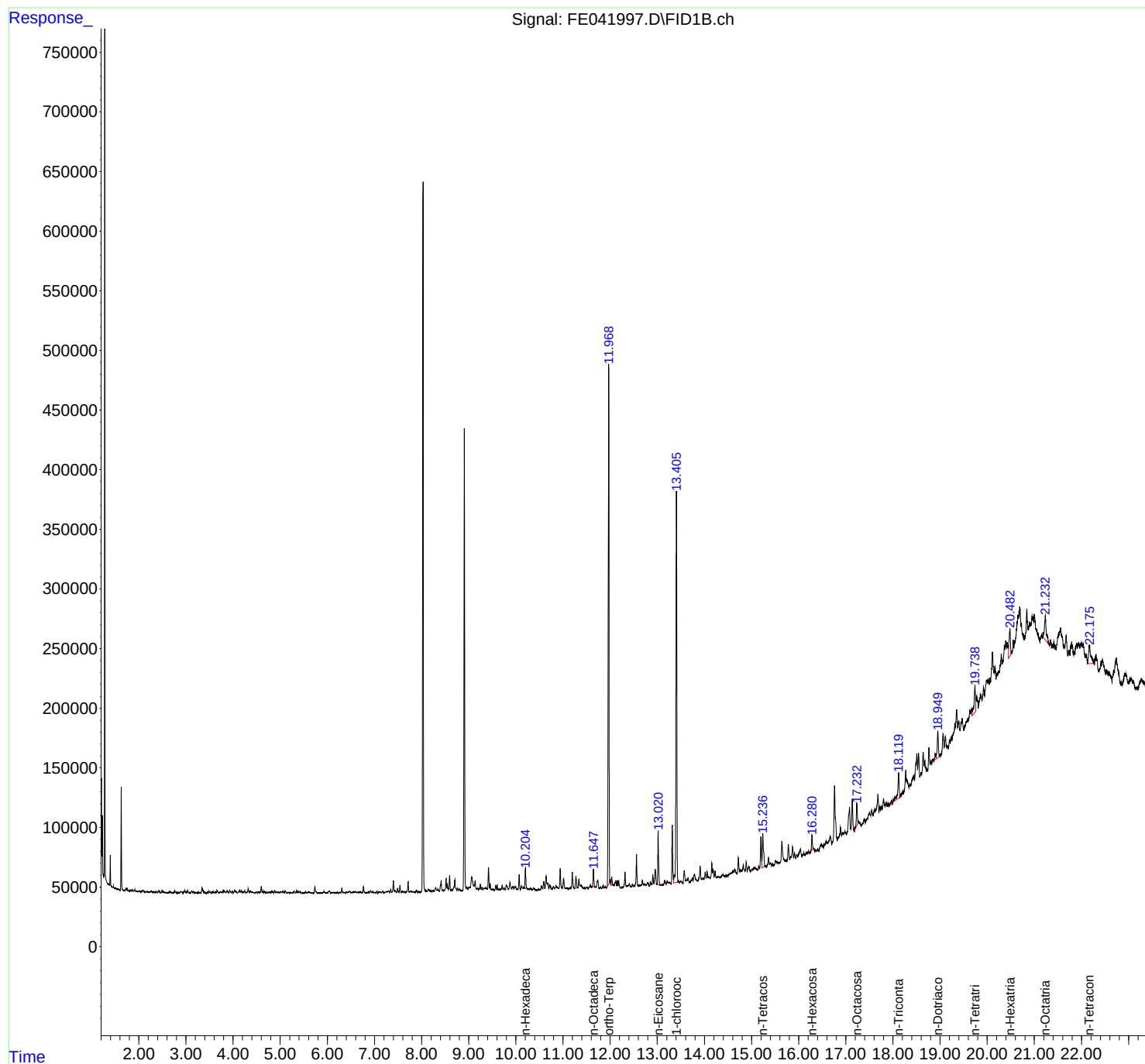
(m)=manual int.

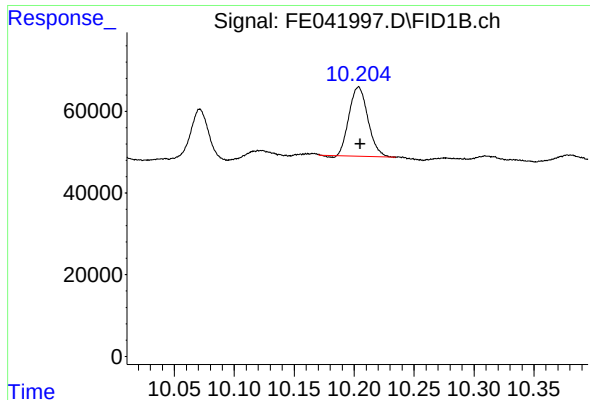
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
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Signal Info : 20M x 0.18mm x 0.18um

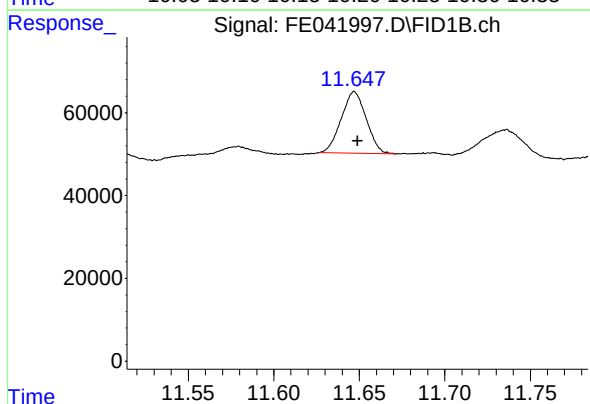




#7 n-Hexadecane (C16)

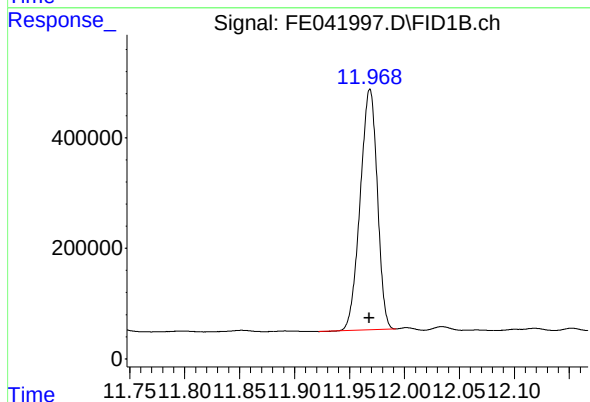
R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 185018
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :



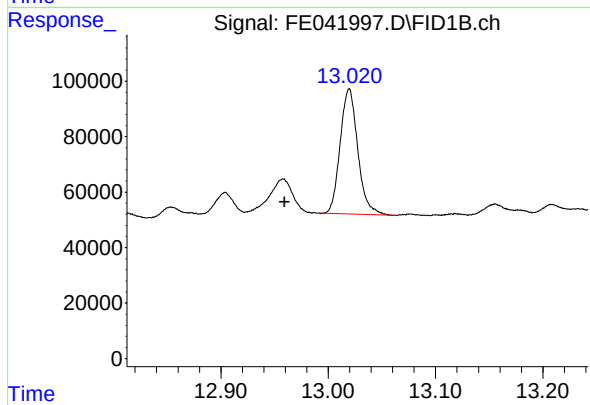
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.002 min
Response: 151757
Conc: 0.96 ug/ml



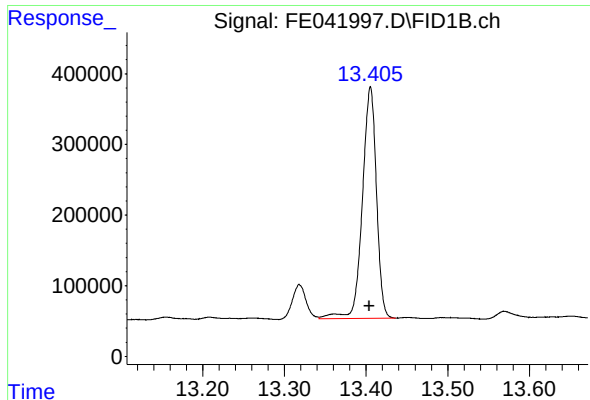
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: 0.000 min
Response: 4724383
Conc: 26.76 ug/ml



#10 n-Eicosane (C20)

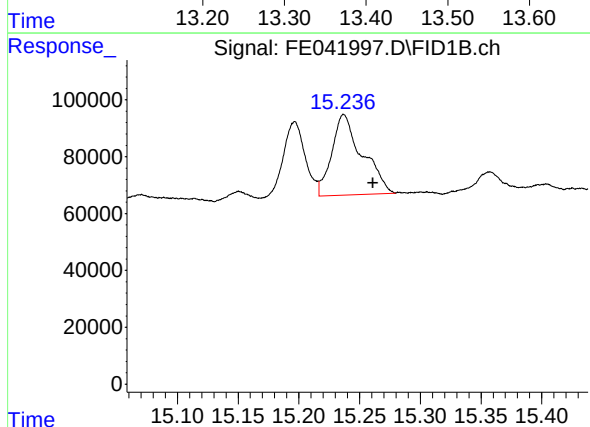
R.T.: 13.020 min
Delta R.T.: 0.060 min
Response: 514876
Conc: 3.40 ug/ml



#12 1-chlorooctadecane (SURR)

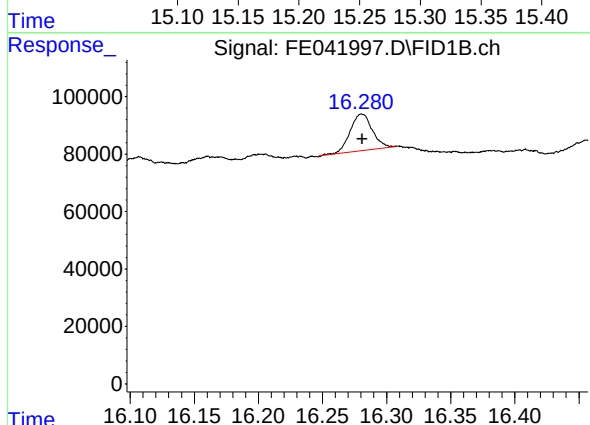
R.T.: 13.405 min
Delta R.T.: 0.001 min
Response: 3926964
Conc: 29.55 ug/ml

Instrument :
FID_E
ClientSampleId :



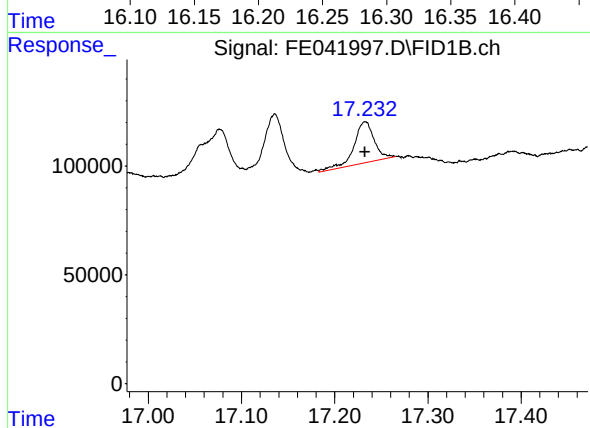
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.024 min
Response: 494148
Conc: 3.42 ug/ml



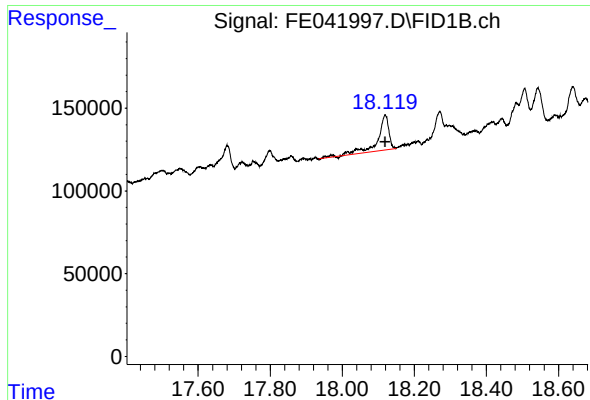
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 150980
Conc: 1.09 ug/ml



#16 n-Octacosane (C28)

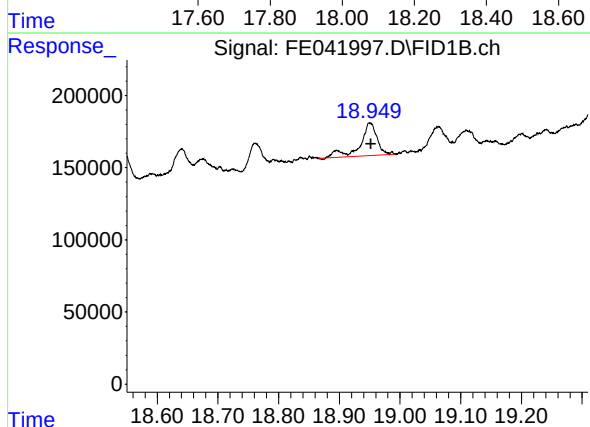
R.T.: 17.233 min
Delta R.T.: 0.000 min
Response: 286764
Conc: 2.14 ug/ml



#17 n-Tricontane (C30)

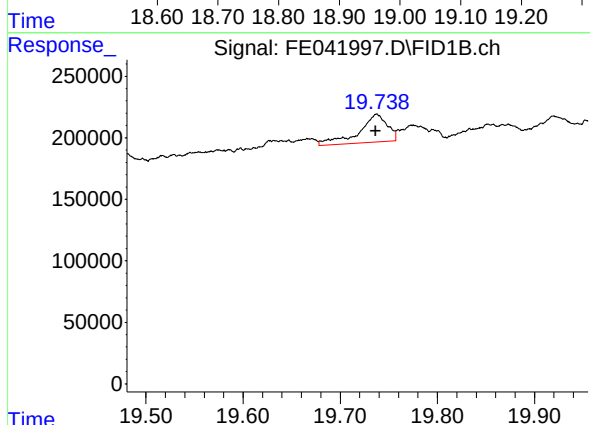
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 463604
Conc: 3.43 ug/ml

Instrument :
FID_E
ClientSampleId :



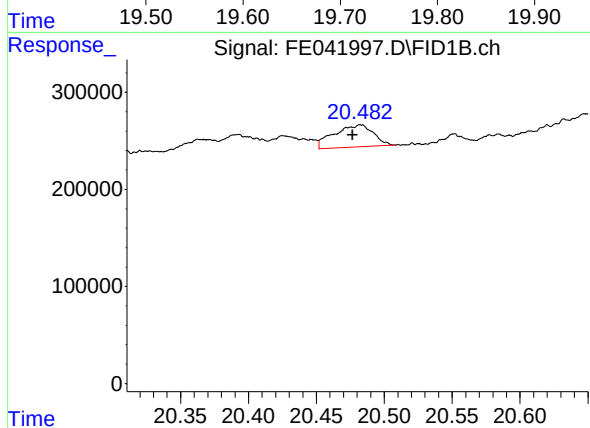
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.002 min
Response: 437630
Conc: 3.28 ug/ml



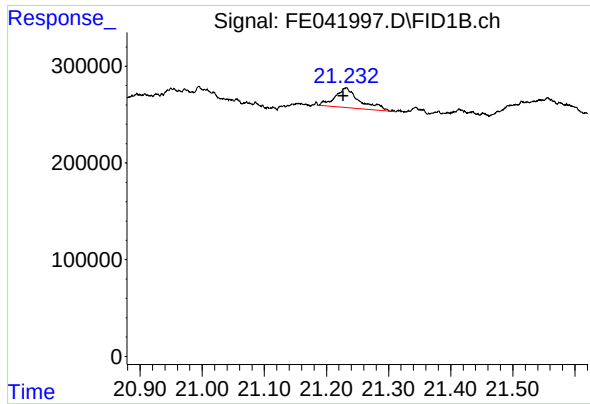
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.001 min
Response: 464810
Conc: 3.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.006 min
Response: 458968
Conc: 3.53 ug/ml



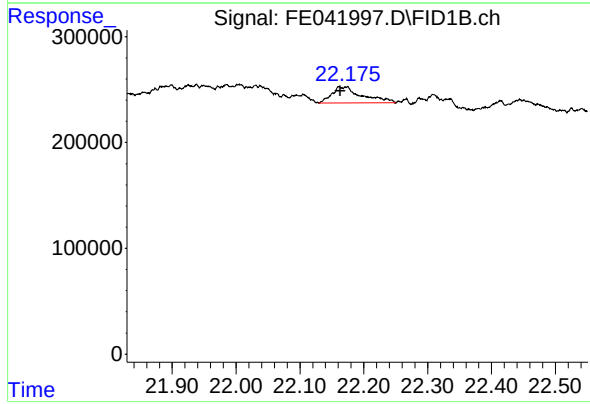
#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.004 min
Response: 557224
Conc: 4.11 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.002 min
Response: 504351
Conc: 3.63 ug/ml