

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047738.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 15:19
 Operator : YP\AJ
 Sample : P2227-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 23 15:42:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.975	4782758	27.575 ug/ml
Spiked Amount 50.000		Recovery =	55.15%
12) S 1-chlorooctadecane (S...	13.410	5495890	40.863 ug/ml
Spiked Amount 50.000		Recovery =	81.73%
Target Compounds			
7) T n-Hexadecane (C16)	10.208	41149	0.248 ug/ml
8) T n-Octadecane (C18)	11.651	86426	0.515 ug/ml
10) T n-Eicosane (C20)	12.961	77730	0.480 ug/ml
11) T n-Heneicosane (C21)	13.575	63466	0.400 ug/ml
13) T n-Docosane (C22)	14.159	49258	0.307 ug/ml
14) T n-Tetracosane (C24)	15.257	126385	0.766 ug/ml
15) T n-Hexacosane (C26)	16.282	52000	0.315 ug/ml
16) T n-Octacosane (C28)	17.233	55459	0.335 ug/ml
17) T n-Tricontane (C30)	18.119	145586	0.858 ug/ml
18) T n-Dotriacontane (C32)	18.949	88611	0.531 ug/ml
19) T n-Tetratriacontane (C34)	19.735	50042	0.312 ug/ml
20) T n-Hexatriacontane (C36)	20.483	33942	0.213 ug/ml

(f)=RT Delta > 1/2 Window

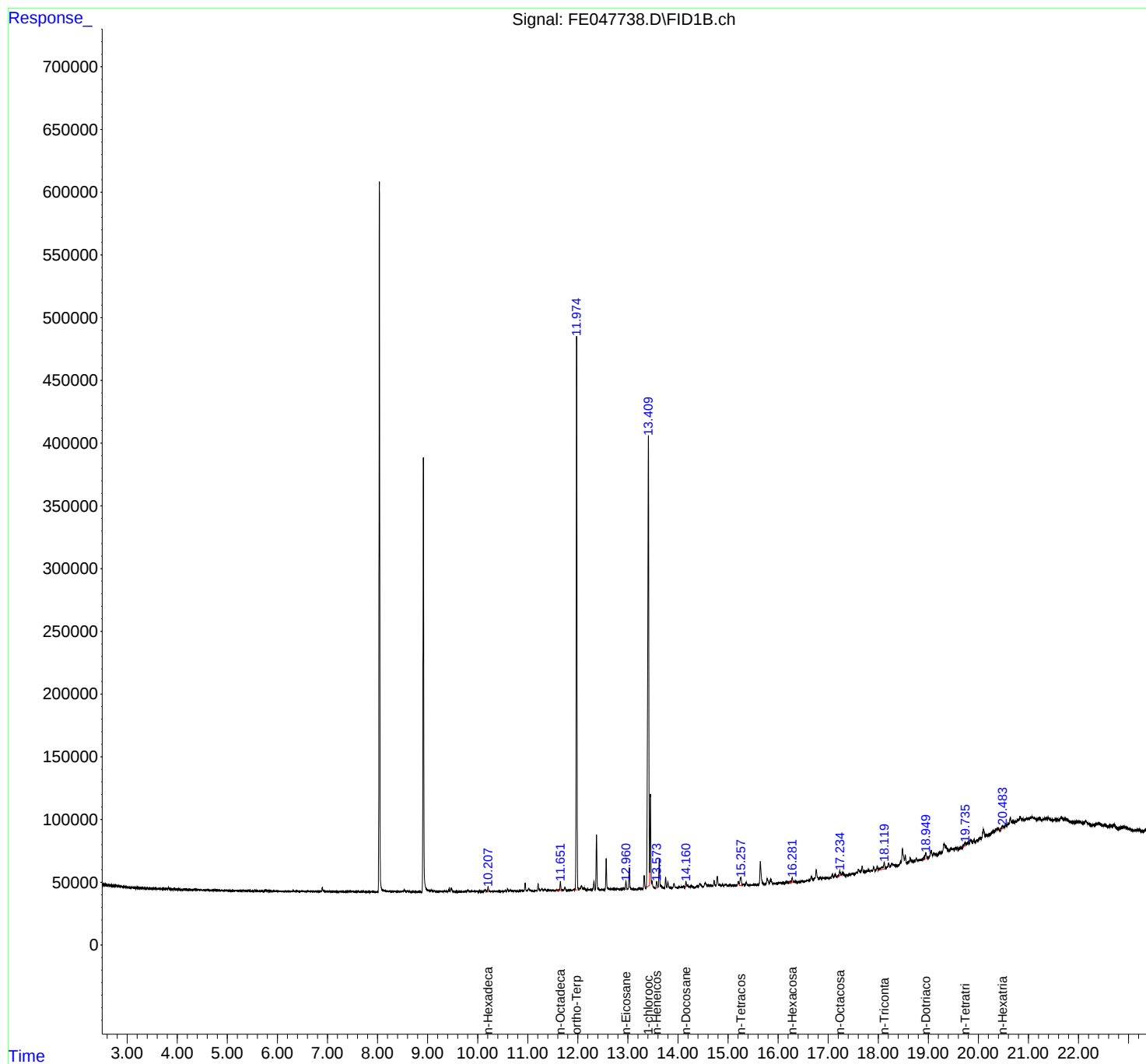
(m)=manual int.

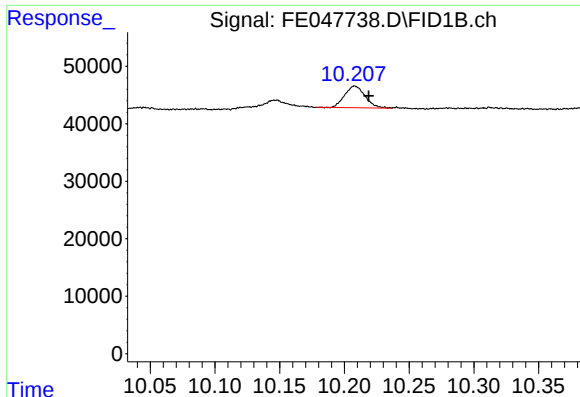
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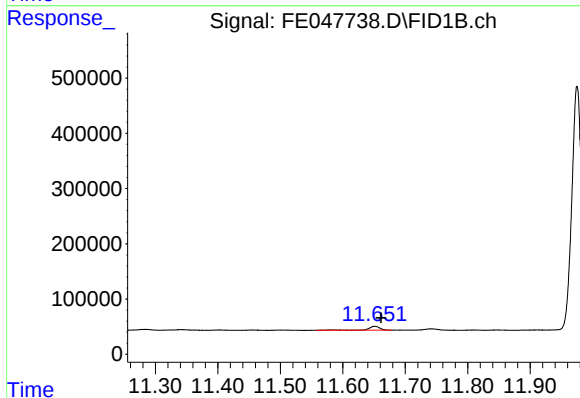




#7 n-Hexadecane (C16)

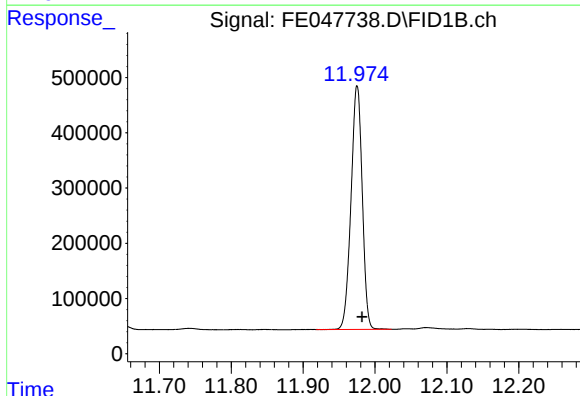
R.T.: 10.208 min
Delta R.T.: -0.011 min
Response: 41149
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



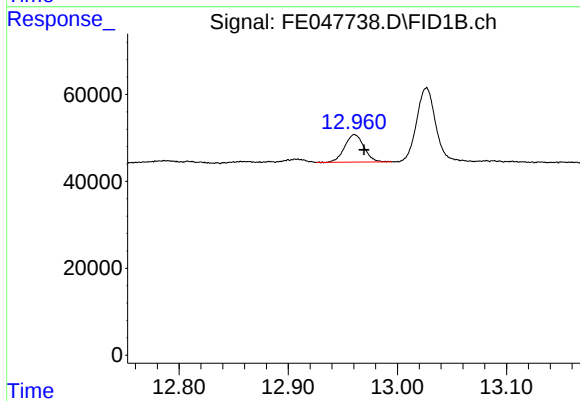
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 86426
Conc: 0.52 ug/ml



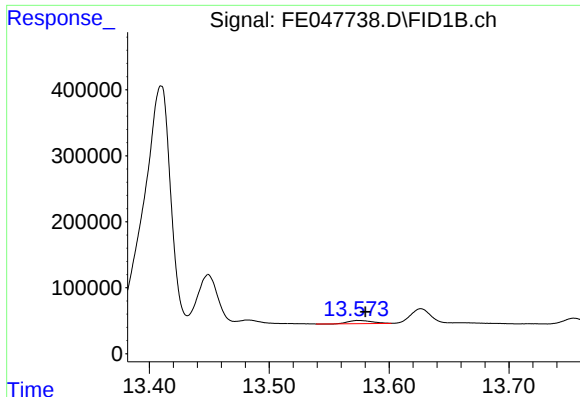
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 4782758
Conc: 27.57 ug/ml



#10 n-Eicosane (C20)

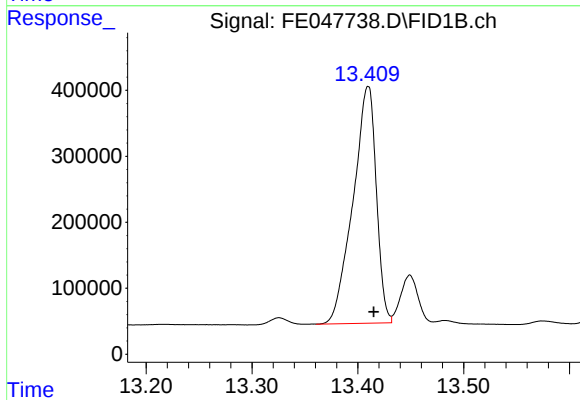
R.T.: 12.961 min
Delta R.T.: -0.009 min
Response: 77730
Conc: 0.48 ug/ml



#11 n-Heneicosane (C21)

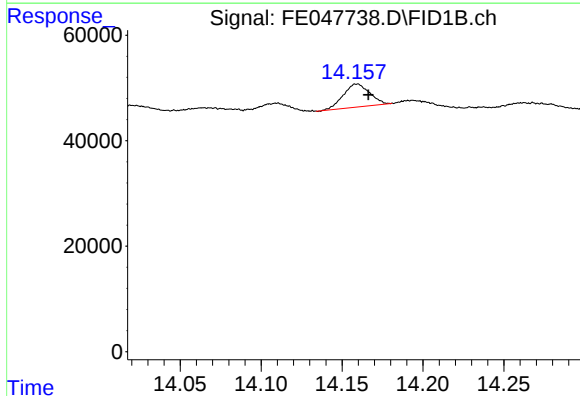
R.T.: 13.575 min
Delta R.T.: -0.006 min
Response: 63466
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



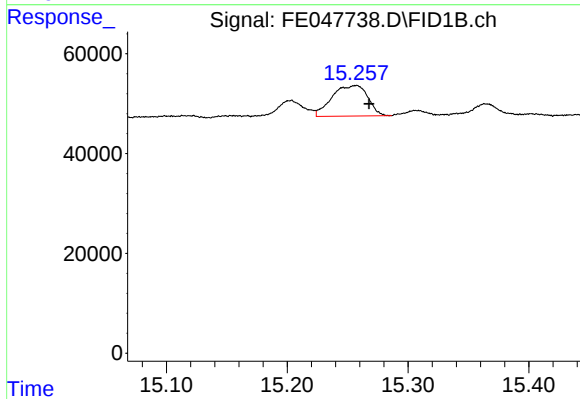
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 5495890
Conc: 40.86 ug/ml



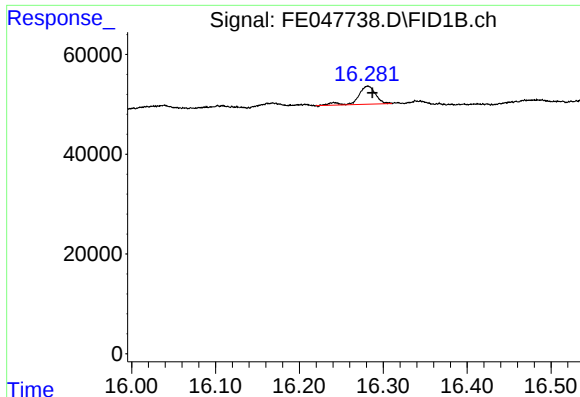
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.007 min
Response: 49258
Conc: 0.31 ug/ml



#14 n-Tetracosane (C24)

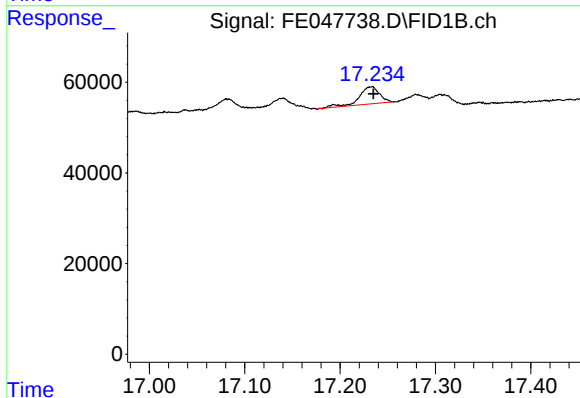
R.T.: 15.257 min
Delta R.T.: -0.011 min
Response: 126385
Conc: 0.77 ug/ml



#15 n-Hexacosane (C26)

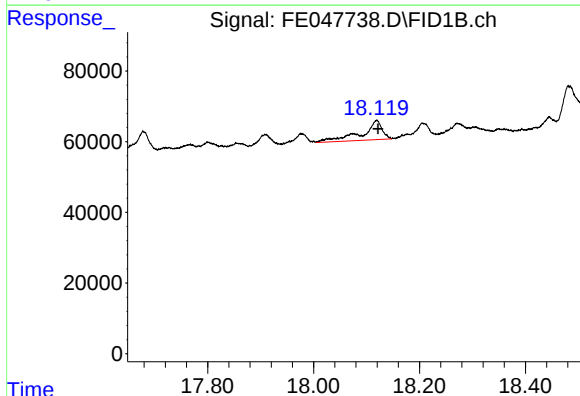
R.T.: 16.282 min
Delta R.T.: -0.005 min
Response: 52000
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



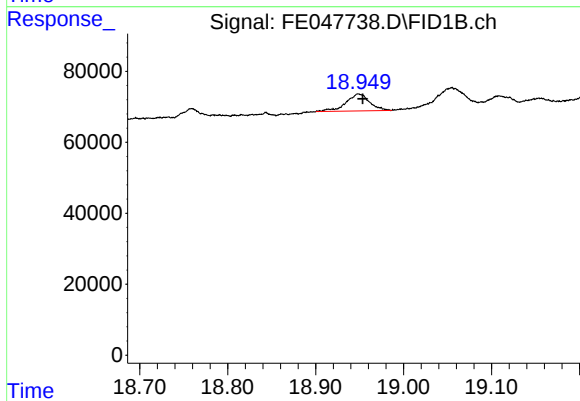
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: -0.002 min
Response: 55459
Conc: 0.33 ug/ml



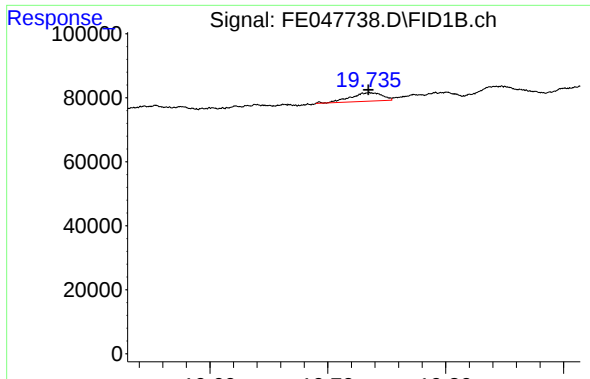
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.003 min
Response: 145586
Conc: 0.86 ug/ml



#18 n-Dotriacontane (C32)

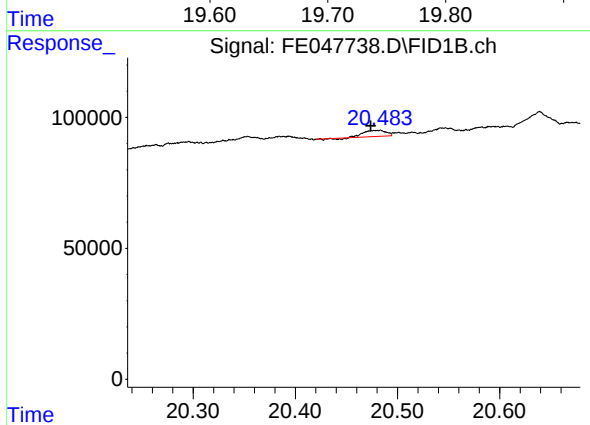
R.T.: 18.949 min
Delta R.T.: -0.005 min
Response: 88611
Conc: 0.53 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.000 min
Response: 50042
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.009 min
Response: 33942
Conc: 0.21 ug/ml