

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015743.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 18:13
 Operator : YP\AJ
 Sample : Q1848-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 ETGI-342-E2

Integration File: autoint1.e
 Quant Time: Apr 23 02:45:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 2025
 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)	11.903	5267905	36.337 ug/ml
Spiked Amount 50.000		Recovery =	72.67%
12) S 1-chlorooctadecane (S...	13.348	5131634	48.526 ug/ml
Spiked Amount 50.000		Recovery =	97.05%
Target Compounds			
7) T n-Hexadecane (C16)	10.150	98297	0.841 ug/ml
8) T n-Octadecane (C18)	11.572	91126	0.762 ug/ml
10) T n-Eicosane (C20)	12.910	246508	2.072 ug/ml
11) T n-Heneicosane (C21)	13.533	720714	6.093 ug/ml
13) T n-Docosane (C22)	14.131	1048961	8.995 ug/ml
14) T n-Tetracosane (C24)	15.194	4400165	38.180 ug/ml
15) T n-Hexacosane (C26)	16.212	693629	6.211 ug/ml
16) T n-Octacosane (C28)	17.203	1783911	16.392 ug/ml
17) T n-Tricontane (C30)	18.073	743114	6.822 ug/ml
18) T n-Dotriacontane (C32)	18.904	350513	3.258 ug/ml
19) T n-Tetratriacontane (C34)	19.707	289148	2.838 ug/ml
20) T n-Hexatriacontane (C36)	20.496f	41999	0.429 ug/ml

(f)=RT Delta > 1/2 Window

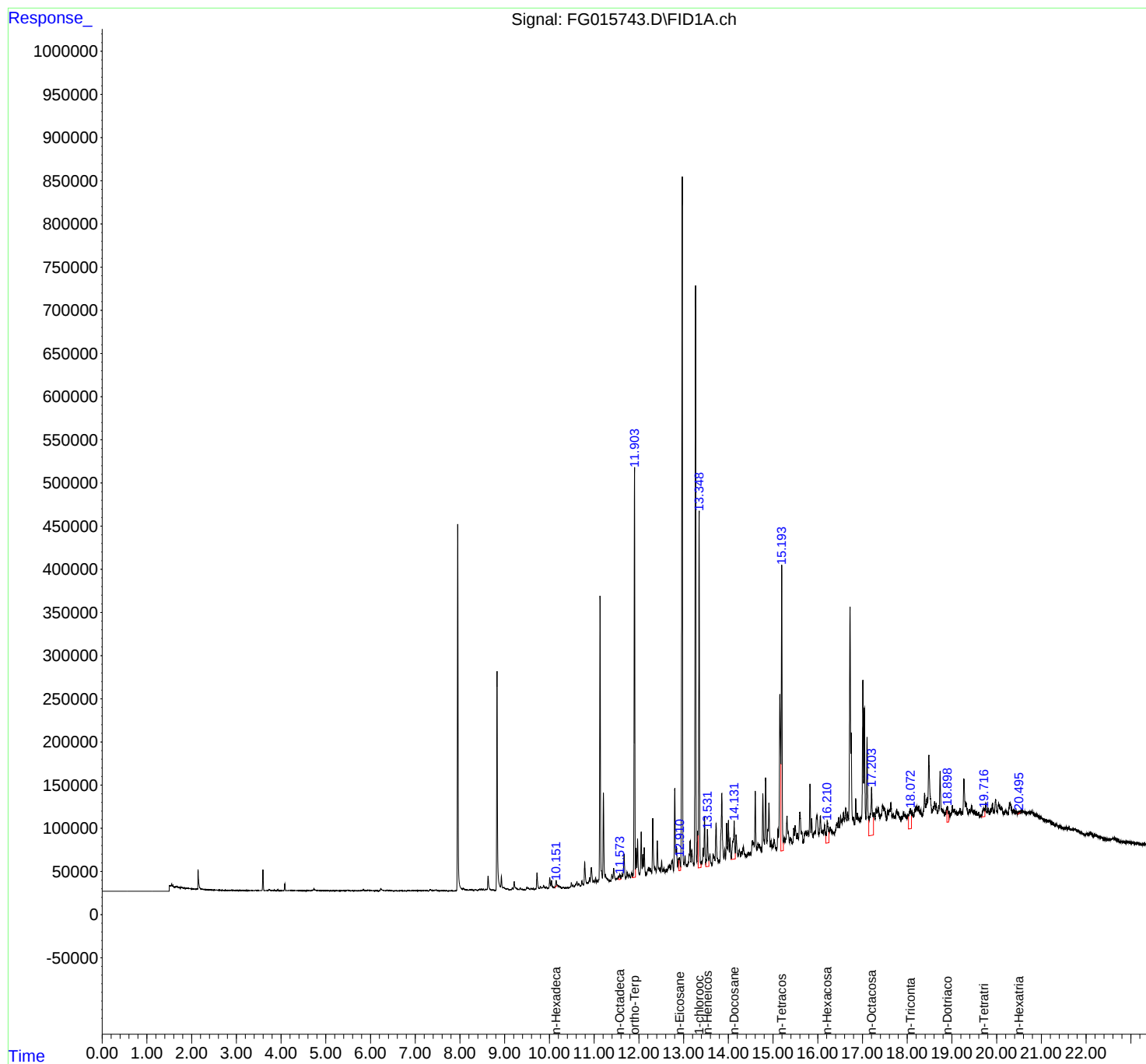
(m)=manual int.

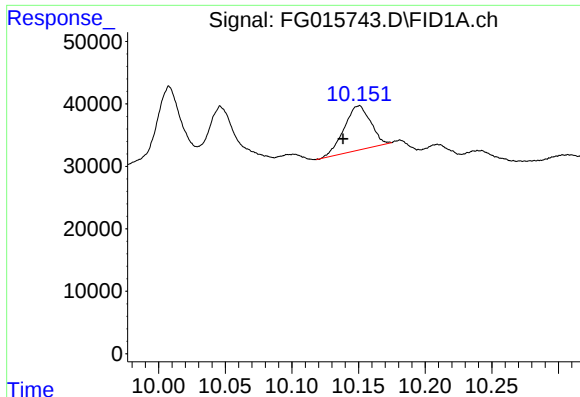
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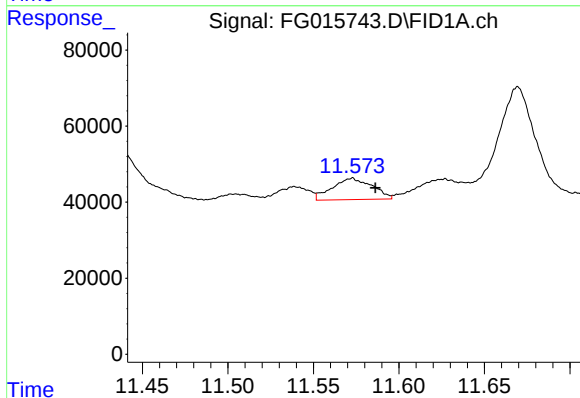




#7 n-Hexadecane (C16)

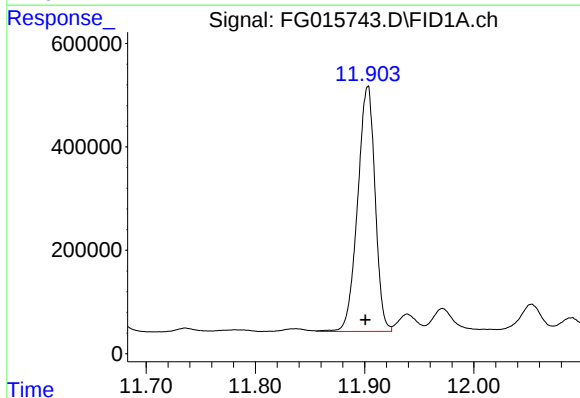
R.T.: 10.150 min
Delta R.T.: 0.012 min
Response: 98297
Conc: 0.84 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-342-E2



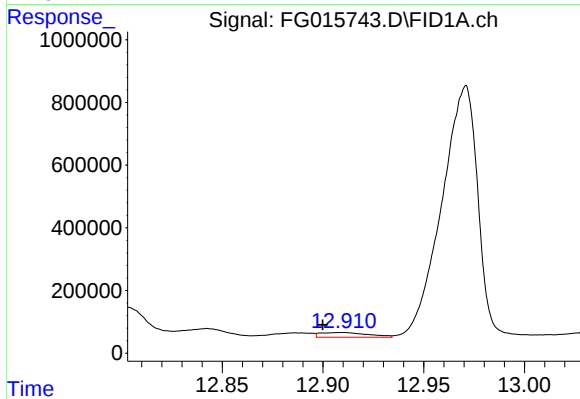
#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.014 min
Response: 91126
Conc: 0.76 ug/ml



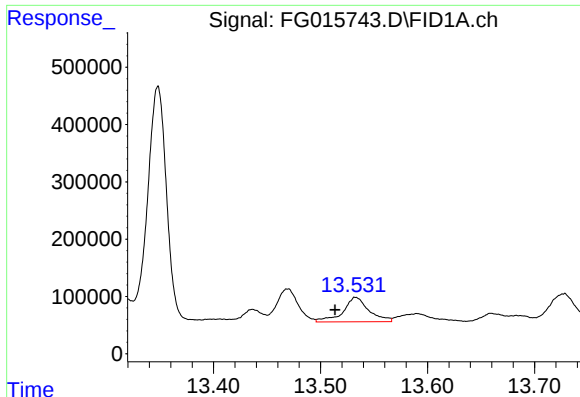
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: 0.002 min
Response: 5267905
Conc: 36.34 ug/ml



#10 n-Eicosane (C20)

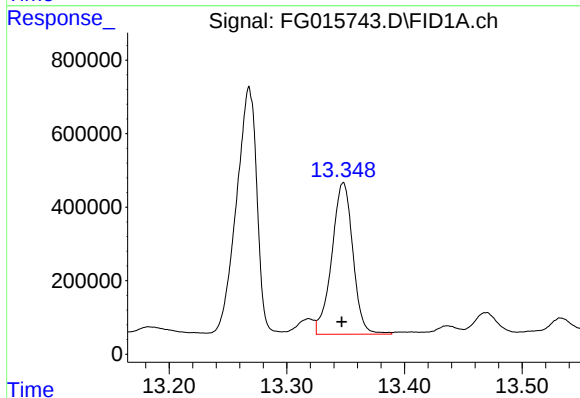
R.T.: 12.910 min
Delta R.T.: 0.010 min
Response: 246508
Conc: 2.07 ug/ml



#11 n-Heneicosane (C21)

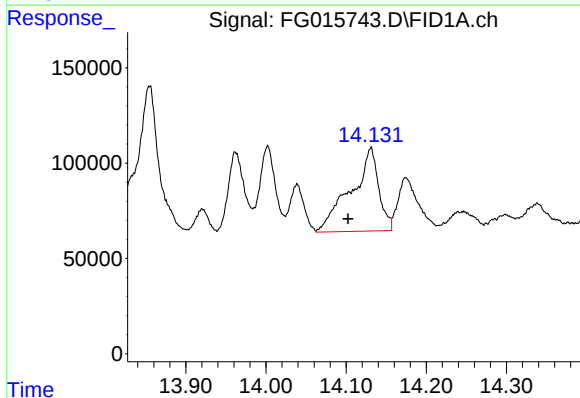
R.T.: 13.533 min
Delta R.T.: 0.019 min
Response: 720714
Conc: 6.09 ug/ml

Instrument :
FID_G
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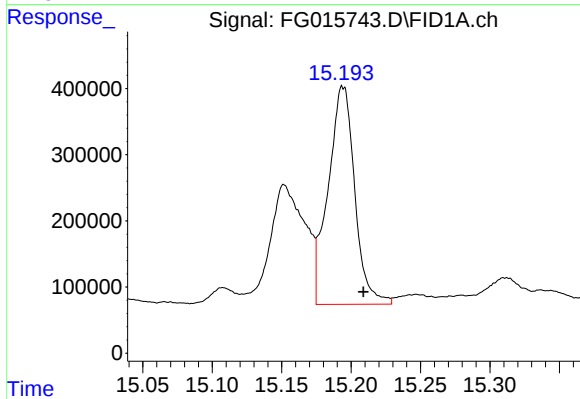
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: 0.001 min
Response: 5131634
Conc: 48.53 ug/ml



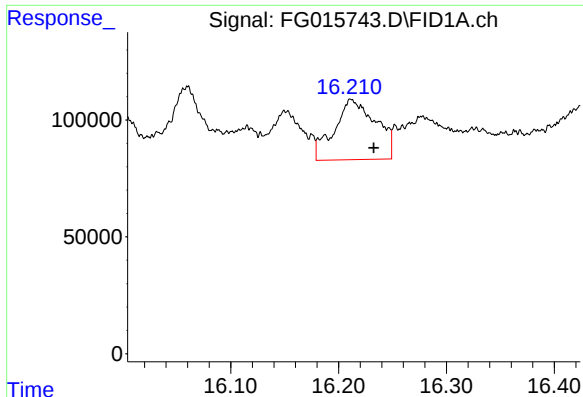
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: 0.028 min
Response: 1048961
Conc: 8.99 ug/ml



#14 n-Tetracosane (C24)

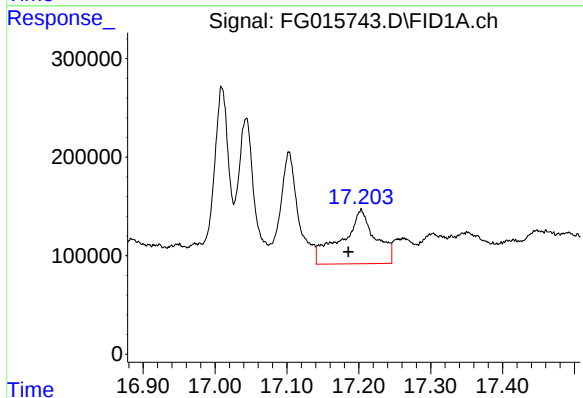
R.T.: 15.194 min
Delta R.T.: -0.015 min
Response: 4400165
Conc: 38.18 ug/ml



#15 n-Hexacosane (C26)

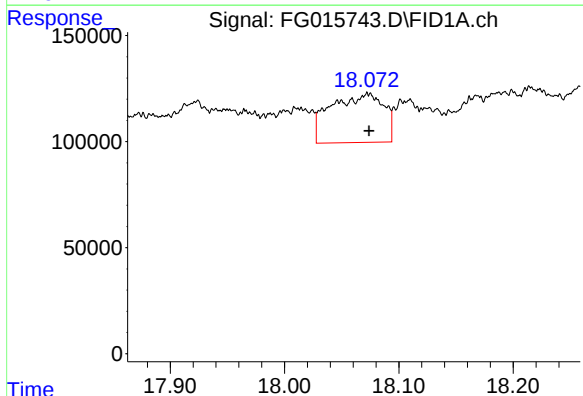
R.T.: 16.212 min
Delta R.T.: -0.021 min
Response: 693629
Conc: 6.21 ug/ml

Instrument :
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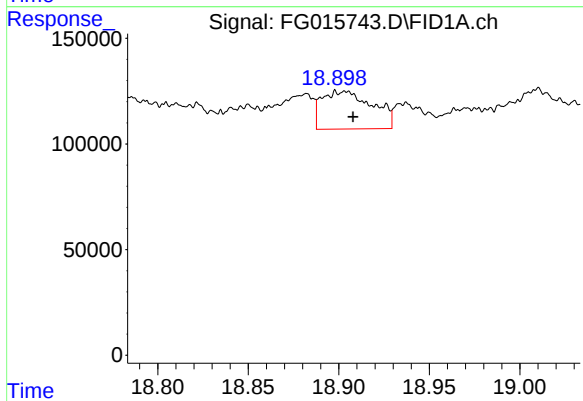
#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: 0.018 min
Response: 1783911
Conc: 16.39 ug/ml



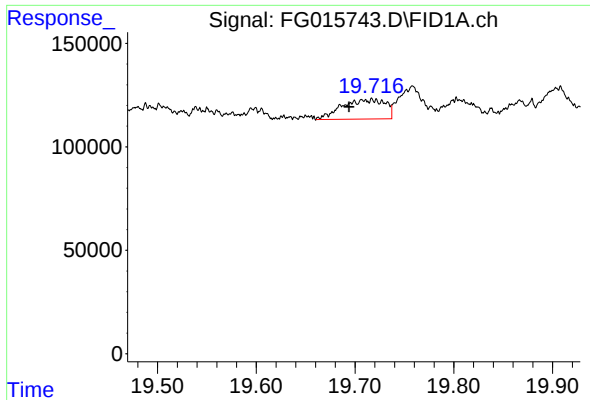
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 743114
Conc: 6.82 ug/ml



#18 n-Dotriacontane (C32)

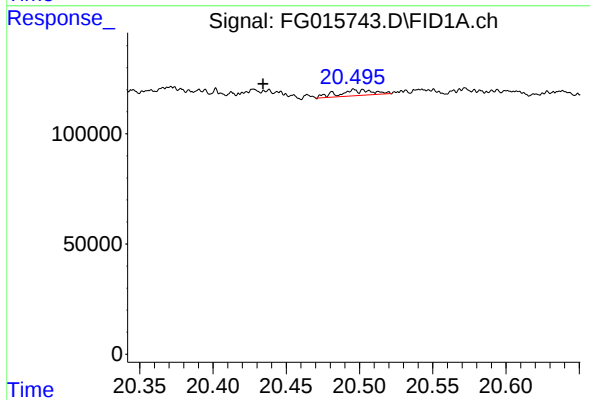
R.T.: 18.904 min
Delta R.T.: -0.004 min
Response: 350513
Conc: 3.26 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.013 min
Response: 289148
Conc: 2.84 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-342-E2



#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.062 min
Response: 41999
Conc: 0.43 ug/ml