

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015706.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 16:06
 Operator : YP\AJ
 Sample : Q1829-01D
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LP5729

Integration File: autoint1.e
 Quant Time: Apr 19 01:55:32 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	4462786	30.783 ug/ml
Spiked Amount 50.000		Recovery =	61.57%
12) S 1-chlorooctadecane (S...	13.348	3701178	34.999 ug/ml
Spiked Amount 50.000		Recovery =	70.00%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.243	62894	0.542 ug/ml
10) T n-Eicosane (C20)	12.905	163434	1.373 ug/ml
11) T n-Heneicosane (C21)	13.541	177738	1.503 ug/ml
13) T n-Docosane (C22)	14.101	96557	0.828 ug/ml
14) T n-Tetracosane (C24)	15.188	1472935	12.781 ug/ml
15) T n-Hexacosane (C26)	16.234	167797	1.503 ug/ml
16) T n-Octacosane (C28)	17.201	527194	4.844 ug/ml
17) T n-Tricontane (C30)	18.072	303962	2.791 ug/ml
18) T n-Dotriacontane (C32)	18.909	184527	1.715 ug/ml
19) T n-Tetratriacontane (C34)	19.698	112911	1.108 ug/ml
20) T n-Hexatriacontane (C36)	20.434	45817	0.468 ug/ml
21) T n-Octatriacontane (C38)	21.182	145372	1.593 ug/ml
22) T n-Tetracontane (C40)	22.094	186230	2.205 ug/ml

(f)=RT Delta > 1/2 Window

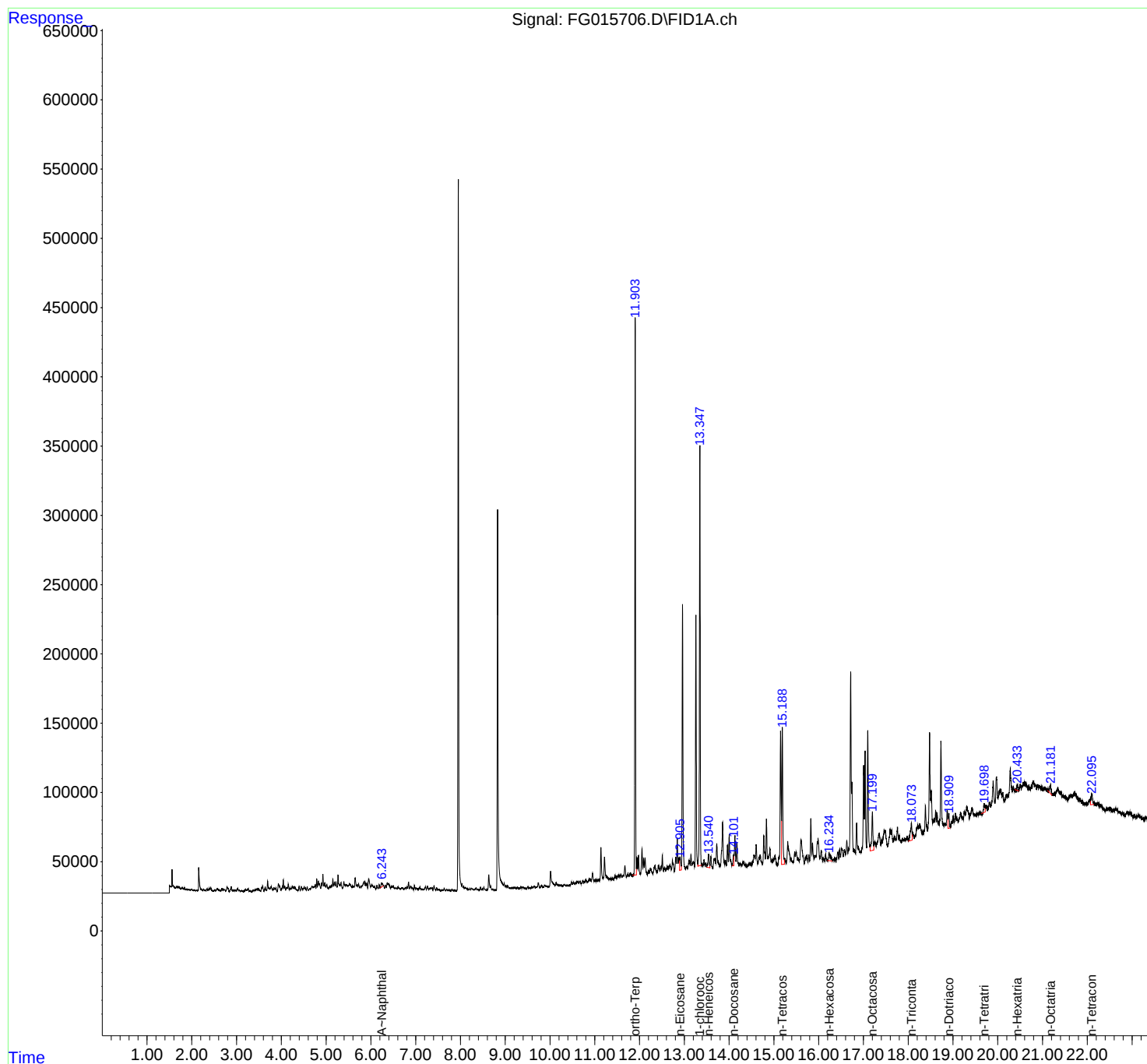
(m)=manual int.

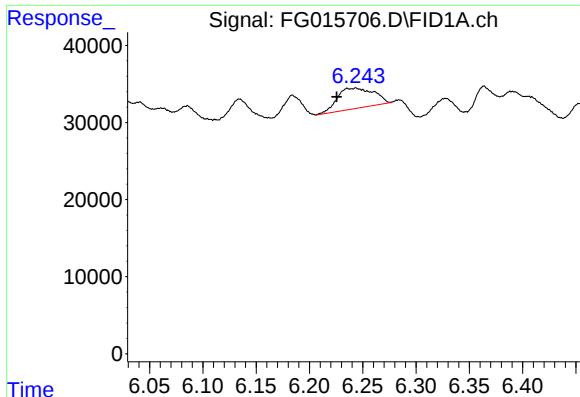
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Signal Info : 20M x 0.18mm x 0.18um

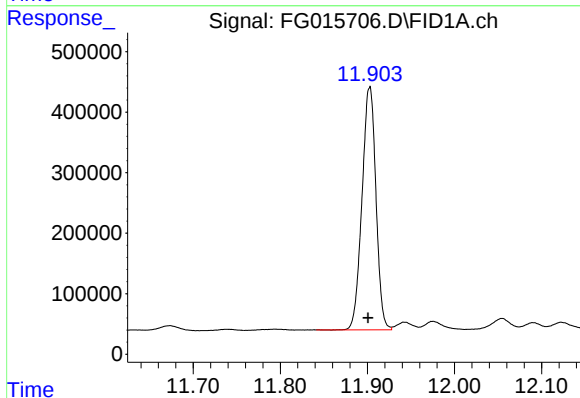




#3 A~Naphthalene (C11.7)

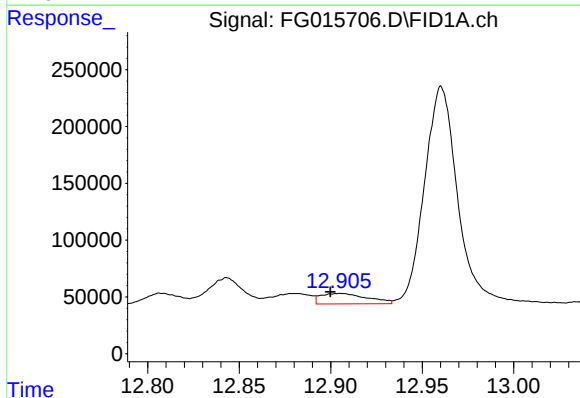
R.T.: 6.243 min
Delta R.T.: 0.018 min
Response: 62894
Conc: 0.54 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729



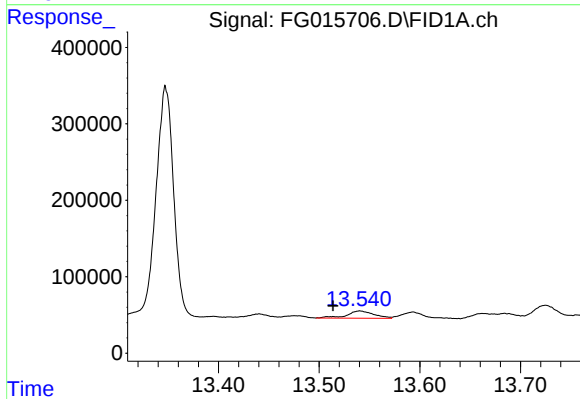
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: 0.002 min
Response: 4462786
Conc: 30.78 ug/ml



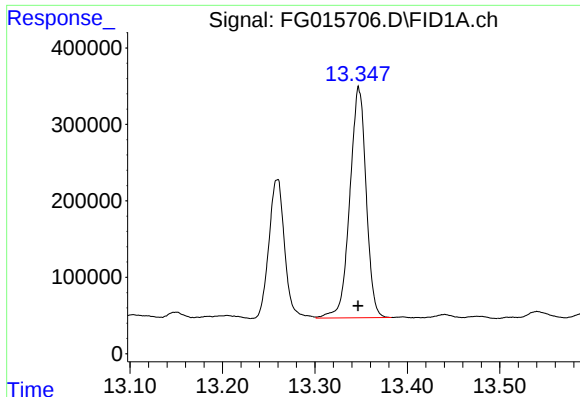
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: 0.006 min
Response: 163434
Conc: 1.37 ug/ml



#11 n-Heneicosane (C21)

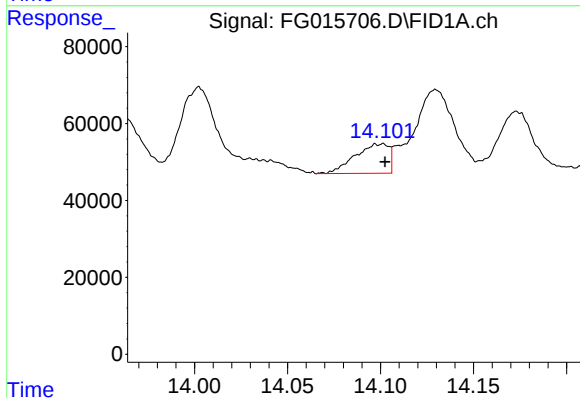
R.T.: 13.541 min
Delta R.T.: 0.027 min
Response: 177738
Conc: 1.50 ug/ml



#12 1-chlorooctadecane (SURR)

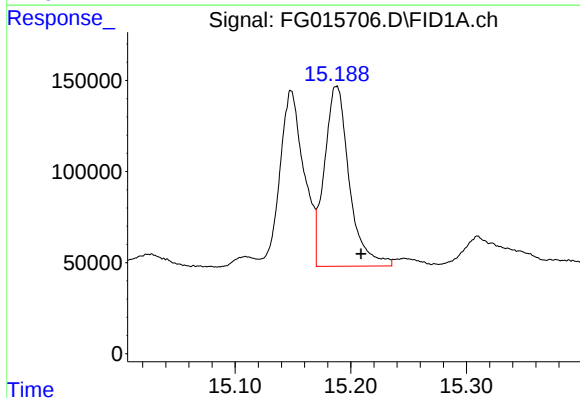
R.T.: 13.348 min
Delta R.T.: 0.000 min
Response: 3701178
Conc: 35.00 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729



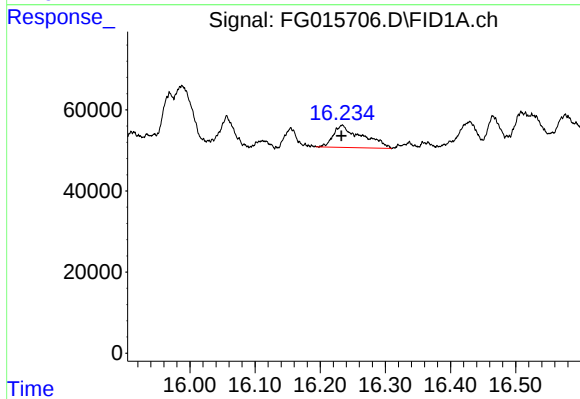
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.001 min
Response: 96557
Conc: 0.83 ug/ml



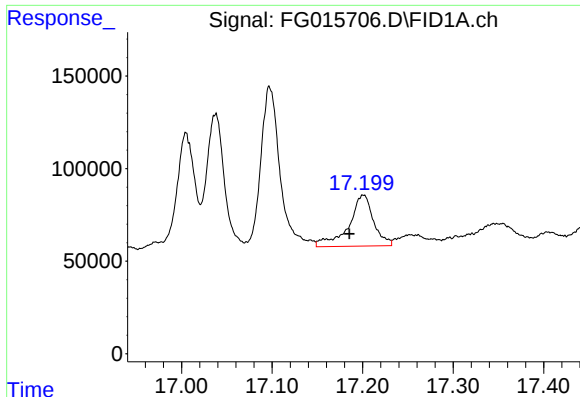
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.021 min
Response: 1472935
Conc: 12.78 ug/ml



#15 n-Hexacosane (C26)

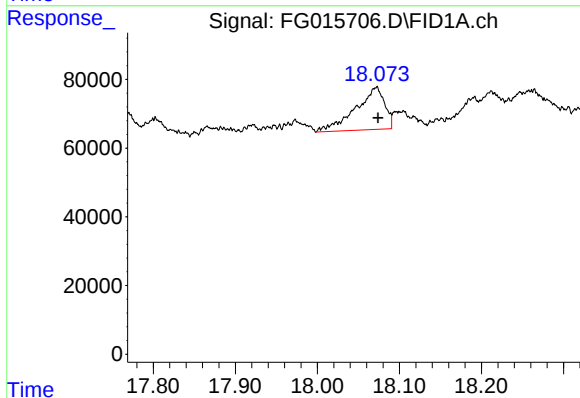
R.T.: 16.234 min
Delta R.T.: 0.001 min
Response: 167797
Conc: 1.50 ug/ml



#16 n-Octacosane (C28)

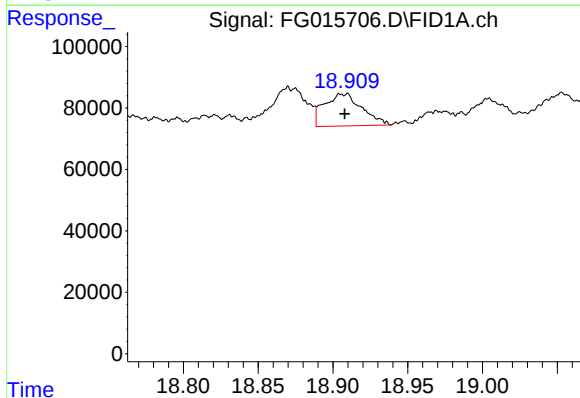
R.T.: 17.201 min
Delta R.T.: 0.016 min
Response: 527194
Conc: 4.84 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729



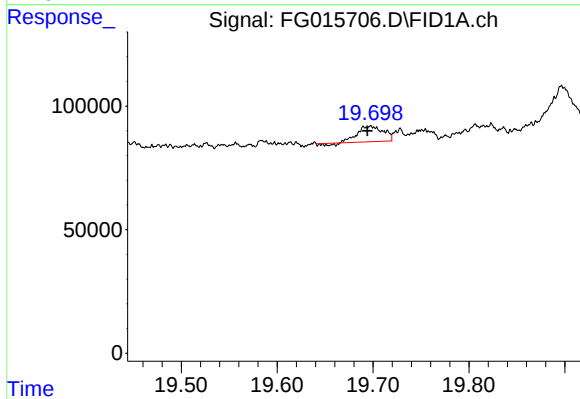
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.002 min
Response: 303962
Conc: 2.79 ug/ml



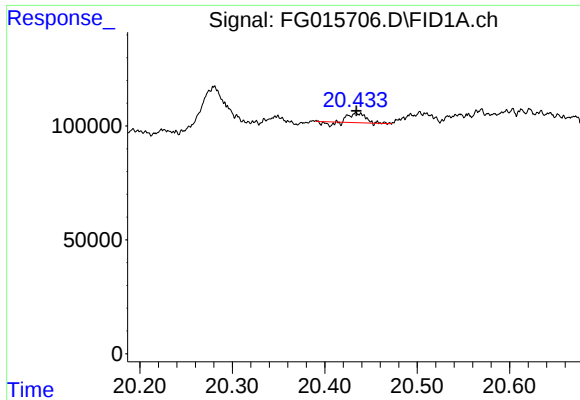
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 184527
Conc: 1.72 ug/ml



#19 n-Tetratriacontane (C34)

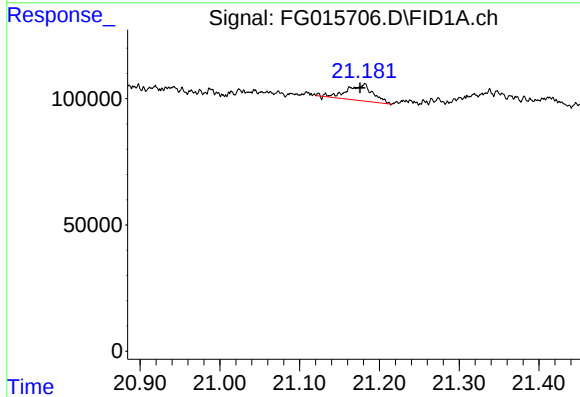
R.T.: 19.698 min
Delta R.T.: 0.004 min
Response: 112911
Conc: 1.11 ug/ml



#20 n-Hexatriacontane (C36)

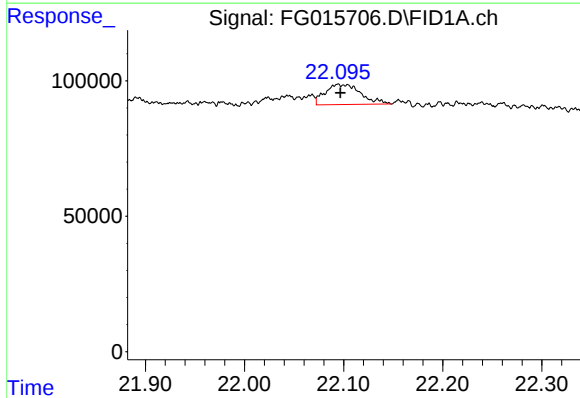
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 45817
Conc: 0.47 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: 0.006 min
Response: 145372
Conc: 1.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.003 min
Response: 186230
Conc: 2.21 ug/ml