

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015709.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 17:34
 Operator : YP\AJ
 Sample : Q1829-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LP5729-E2

Integration File: autoint1.e
 Quant Time: Apr 19 01:56:42 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)	11.904	5125279	35.353 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
12) S 1-chlorooctadecane (S...	13.349	4130006	39.054 ug/ml
Spiked Amount 50.000		Recovery =	78.11%
Target Compounds			
8) T n-Octadecane (C18)	11.586	77872	0.651 ug/ml
10) T n-Eicosane (C20)	12.908	101189	0.850 ug/ml
11) T n-Heneicosane (C21)	13.542	81857	0.692 ug/ml
13) T n-Docosane (C22)	14.104	57913	0.497 ug/ml
14) T n-Tetracosane (C24)	15.189	883853	7.669 ug/ml
16) T n-Octacosane (C28)	17.202	355002	3.262 ug/ml
17) T n-Tricontane (C30)	18.073	110889	1.018 ug/ml
18) T n-Dotriacontane (C32)	18.902	93723	0.871 ug/ml
19) T n-Tetratriacontane (C34)	19.704	33293	0.327 ug/ml
20) T n-Hexatriacontane (C36)	20.436	25651	0.262 ug/ml
22) T n-Tetracontane (C40)	22.105	149657	1.772 ug/ml

(f)=RT Delta > 1/2 Window

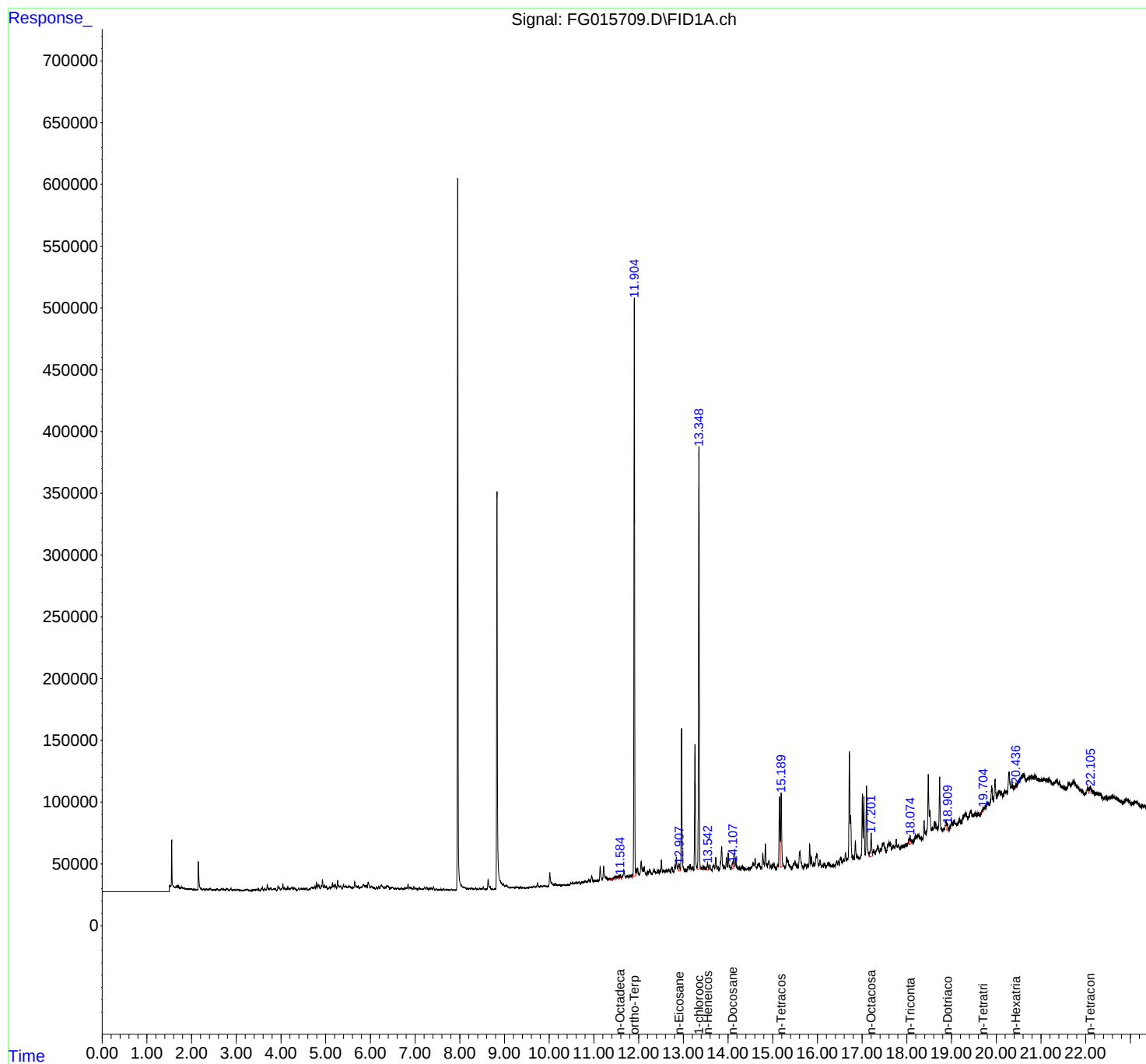
(m)=manual int.

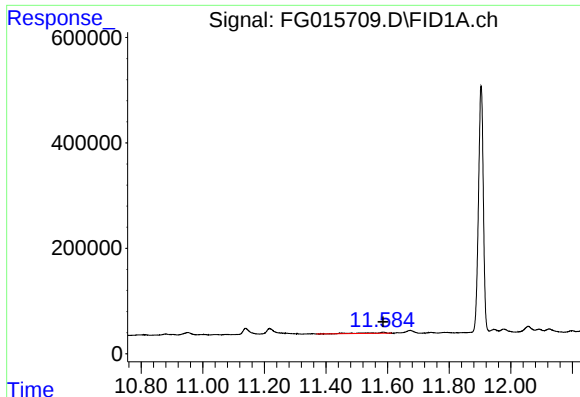
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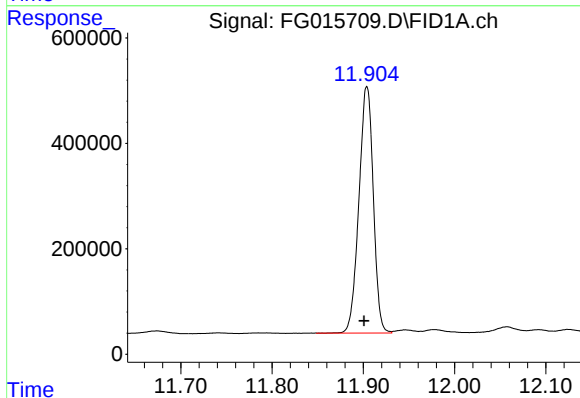




#8 n-Octadecane (C18)

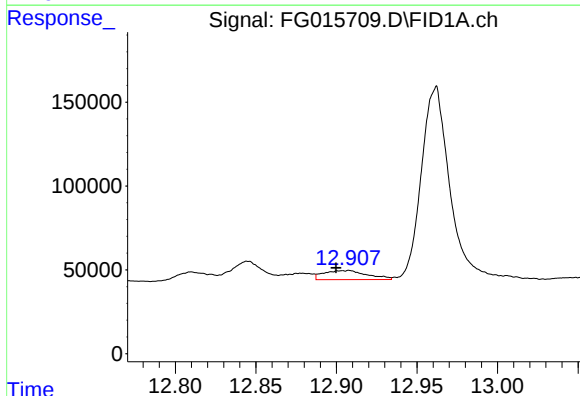
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 77872
Conc: 0.65 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729-E2



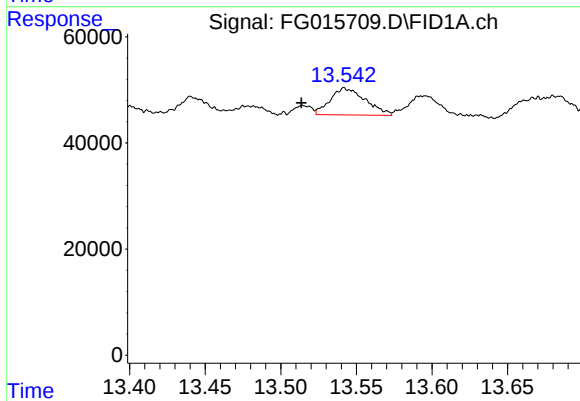
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: 0.003 min
Response: 5125279
Conc: 35.35 ug/ml



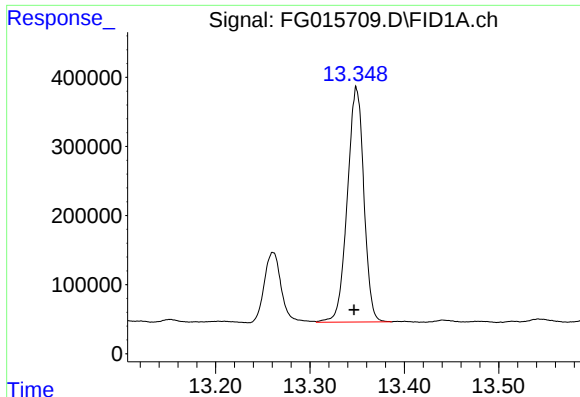
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.008 min
Response: 101189
Conc: 0.85 ug/ml



#11 n-Heneicosane (C21)

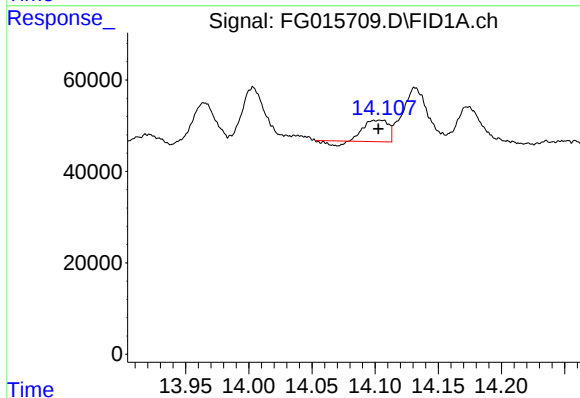
R.T.: 13.542 min
Delta R.T.: 0.028 min
Response: 81857
Conc: 0.69 ug/ml



#12 1-chlorooctadecane (SURR)

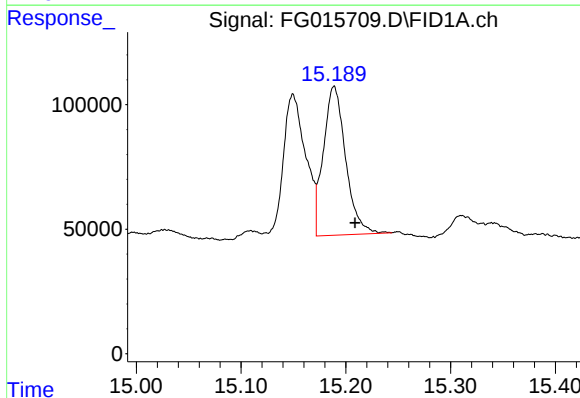
R.T.: 13.349 min
Delta R.T.: 0.003 min
Response: 4130006
Conc: 39.05 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729-E2



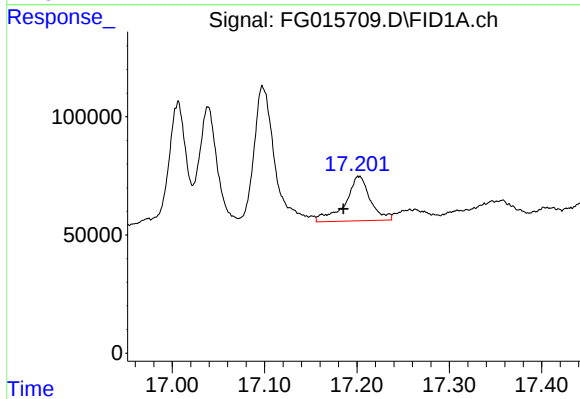
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.002 min
Response: 57913
Conc: 0.50 ug/ml



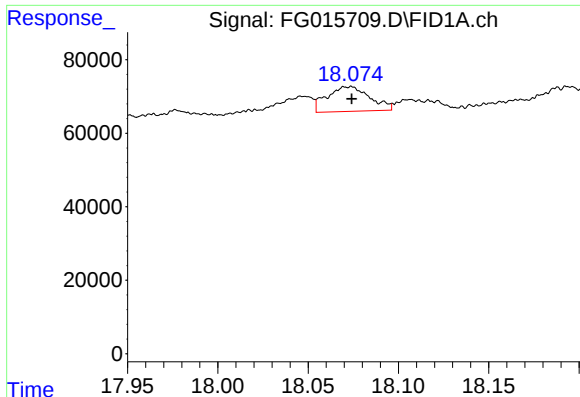
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.020 min
Response: 883853
Conc: 7.67 ug/ml



#16 n-Octacosane (C28)

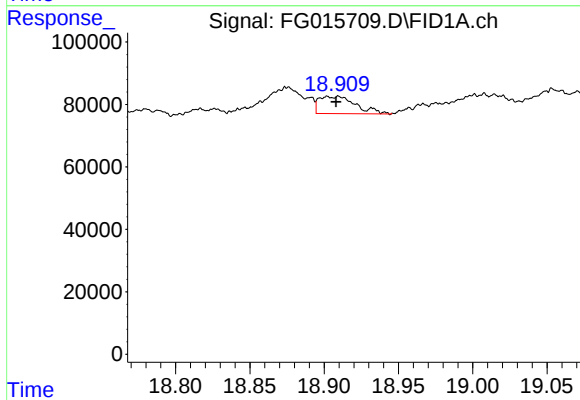
R.T.: 17.202 min
Delta R.T.: 0.017 min
Response: 355002
Conc: 3.26 ug/ml



#17 n-Tricontane (C30)

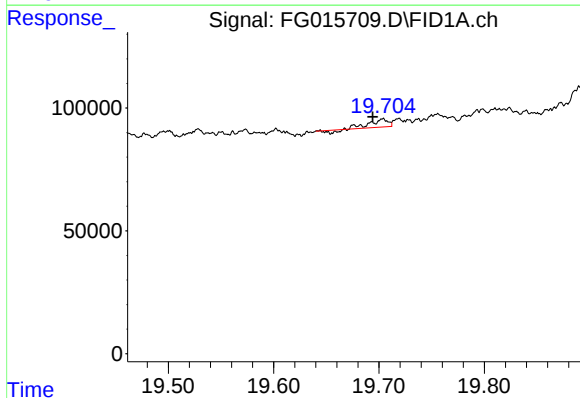
R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 110889
Conc: 1.02 ug/ml

Instrument :
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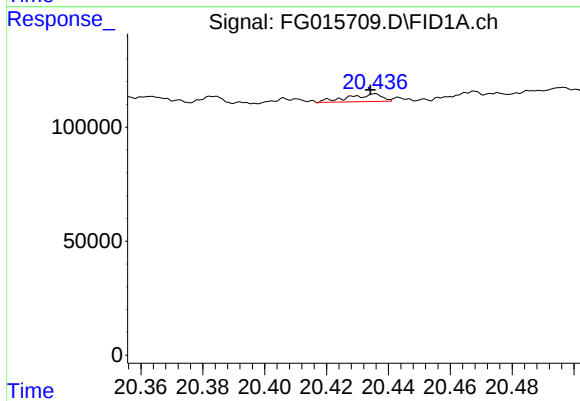
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.006 min
Response: 93723
Conc: 0.87 ug/ml



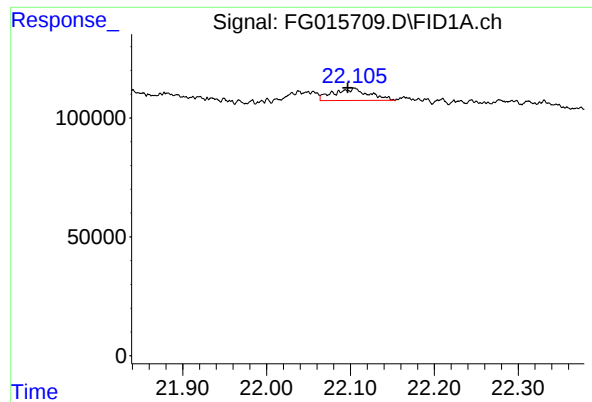
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.010 min
Response: 33293
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: 0.001 min
Response: 25651
Conc: 0.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.009 min
Response: 149657
Conc: 1.77 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729-E2