

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015741.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 17:14
 Operator : YP\AJ
 Sample : Q1848-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 ETGI-275-E2

Integration File: autoint1.e
 Quant Time: Apr 23 02:44:30 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)	11.901	3703878	25.549 ug/ml
Spiked Amount 50.000		Recovery =	51.10%
12) S 1-chlorooctadecane (S...	13.346	3358372	31.758 ug/ml
Spiked Amount 50.000		Recovery =	63.52%
Target Compounds			
10) T n-Eicosane (C20)	12.906	99247	0.834 ug/ml
11) T n-Heneicosane (C21)	13.534	327844	2.772 ug/ml
13) T n-Docosane (C22)	14.129	664059	5.694 ug/ml
14) T n-Tetracosane (C24)	15.191	3053062	26.491 ug/ml
15) T n-Hexacosane (C26)	16.214	208513	1.867 ug/ml
16) T n-Octacosane (C28)	17.203	716653	6.585 ug/ml
17) T n-Tricontane (C30)	18.071	124831	1.146 ug/ml
18) T n-Dotriacontane (C32)	18.908	100637	0.935 ug/ml
19) T n-Tetratriacontane (C34)	19.719	189687	1.862 ug/ml
20) T n-Hexatriacontane (C36)	20.502f	51285	0.524 ug/ml
22) T n-Tetracontane (C40)	22.073	8006	0.095 ug/ml

(f)=RT Delta > 1/2 Window

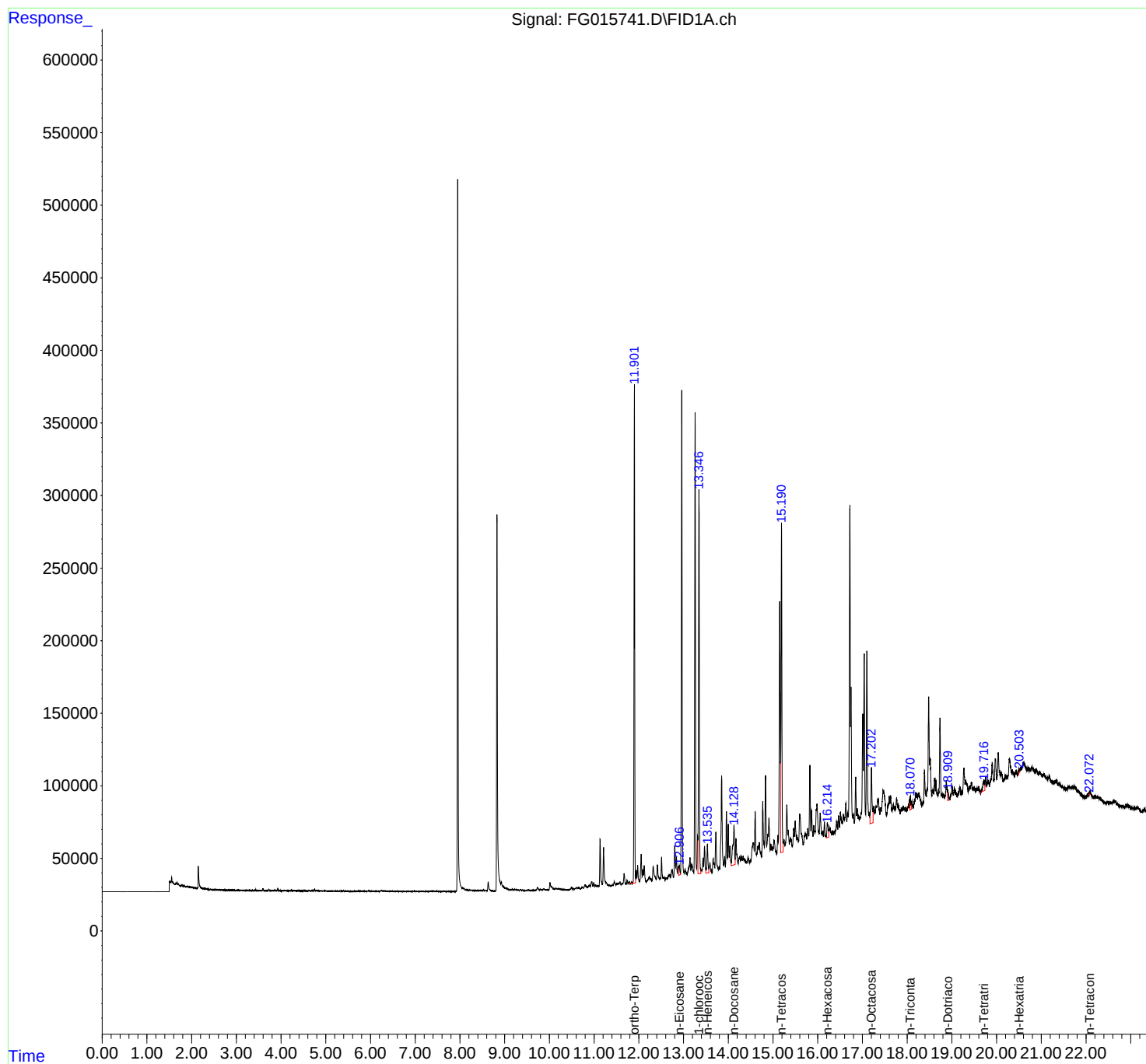
(m)=manual int.

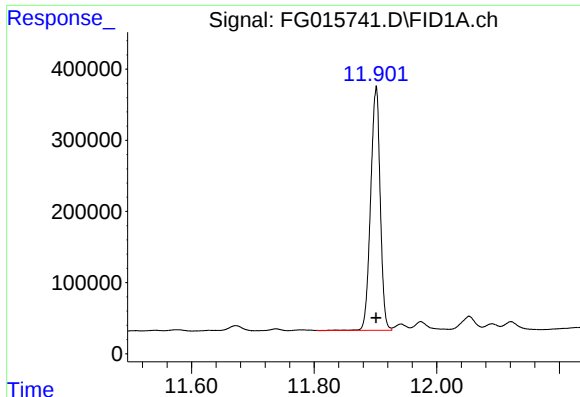
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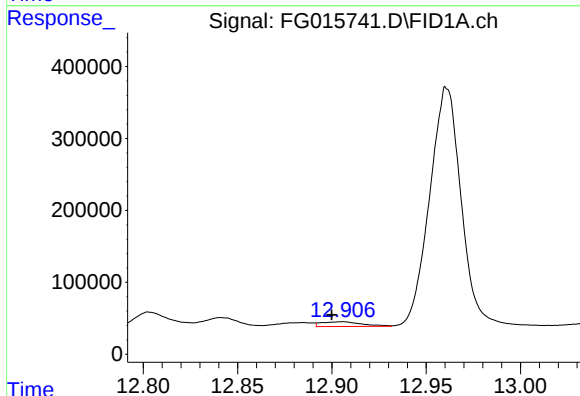




#9 ortho-Terphenyl (SURR)

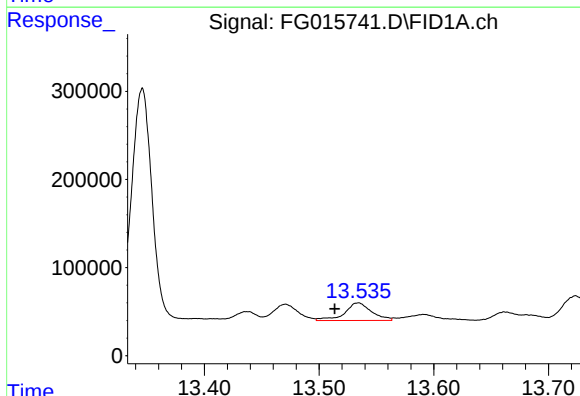
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 3703878
Conc: 25.55 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-275-E2



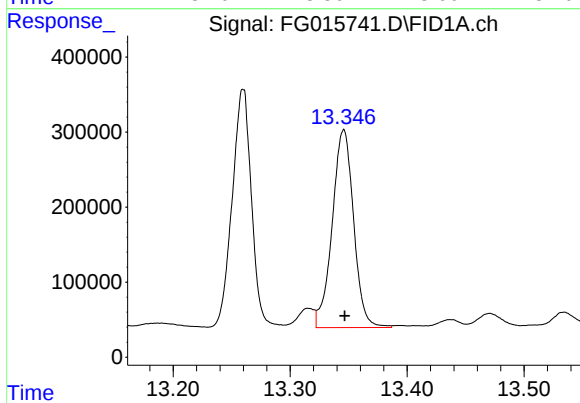
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: 0.006 min
Response: 99247
Conc: 0.83 ug/ml



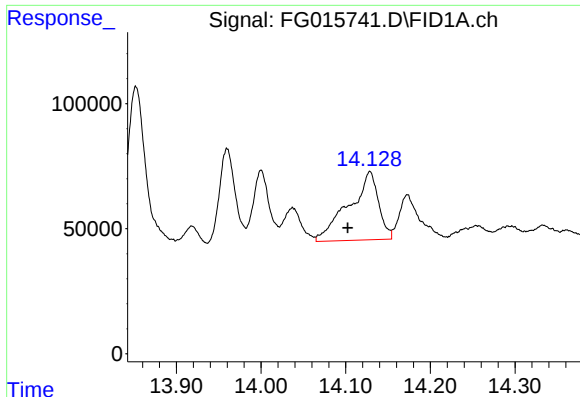
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.020 min
Response: 327844
Conc: 2.77 ug/ml



#12 1-chlorooctadecane (SURR)

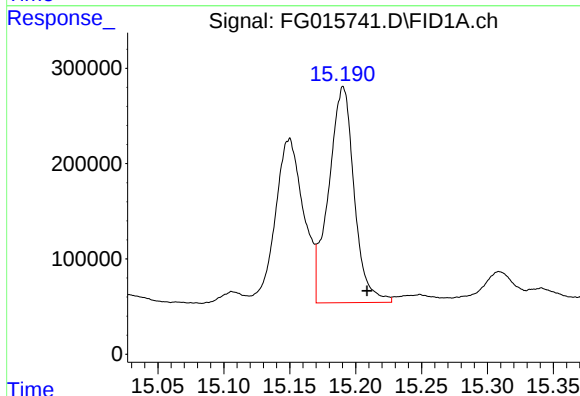
R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 3358372
Conc: 31.76 ug/ml



#13 n-Docosane (C22)

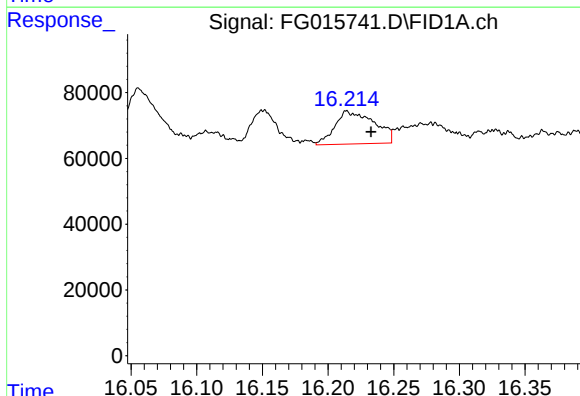
R.T.: 14.129 min
Delta R.T.: 0.026 min
Response: 664059
Conc: 5.69 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-275-E2



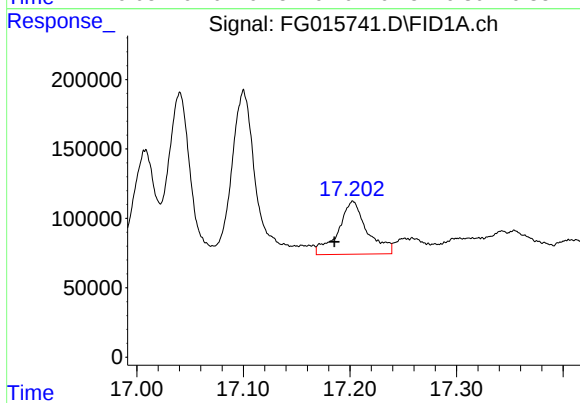
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.018 min
Response: 3053062
Conc: 26.49 ug/ml



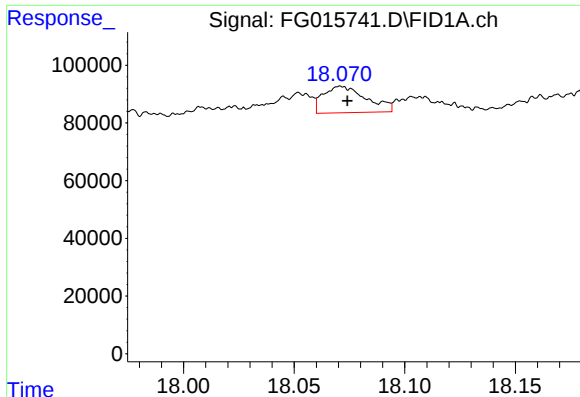
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: -0.019 min
Response: 208513
Conc: 1.87 ug/ml



#16 n-Octacosane (C28)

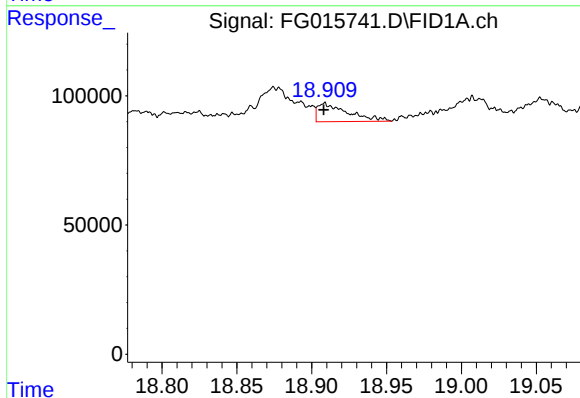
R.T.: 17.203 min
Delta R.T.: 0.017 min
Response: 716653
Conc: 6.59 ug/ml



#17 n-Tricontane (C30)

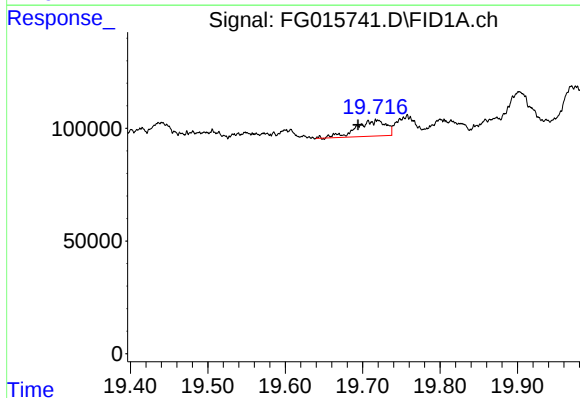
R.T.: 18.071 min
Delta R.T.: -0.003 min
Response: 124831
Conc: 1.15 ug/ml

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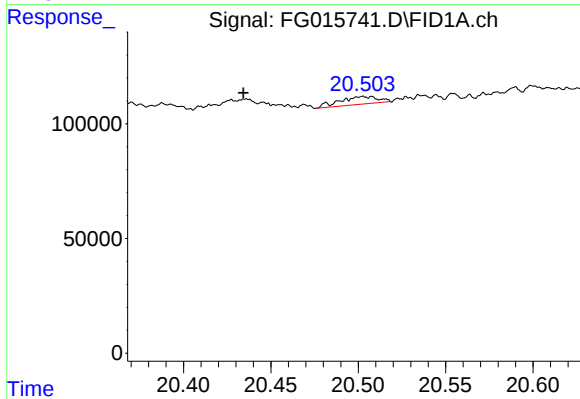
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 100637
Conc: 0.94 ug/ml



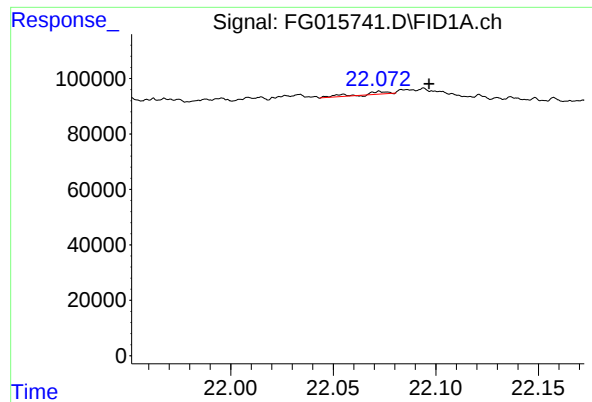
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.025 min
Response: 189687
Conc: 1.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.068 min
Response: 51285
Conc: 0.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: -0.024 min
Response: 8006
Conc: 0.09 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-275-E2