

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015738.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 15:46
 Operator : YP\AJ
 Sample : Q1848-03D
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 ETGI-275

Integration File: autoint1.e
 Quant Time: Apr 23 02:43:18 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

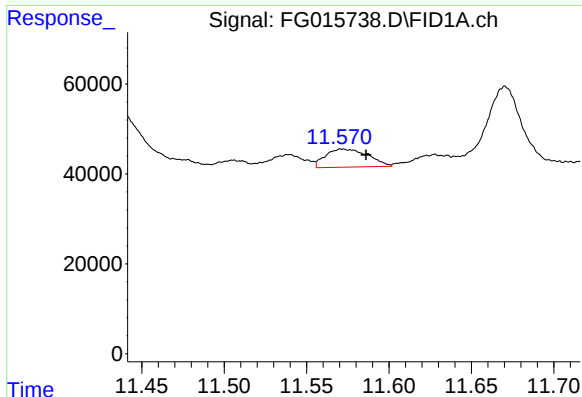
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.900	3977026	27.433 ug/ml
Spiked Amount 50.000		Recovery =	54.87%
12) S 1-chlorooctadecane (S...	13.346	3989897	37.730 ug/ml
Spiked Amount 50.000		Recovery =	75.46%
Target Compounds			
8) T n-Octadecane (C18)	11.572	72544	0.606 ug/ml
10) T n-Eicosane (C20)	12.907	352981	2.966 ug/ml
11) T n-Heneicosane (C21)	13.533	539334	4.560 ug/ml
13) T n-Docosane (C22)	14.129	904021	7.752 ug/ml
14) T n-Tetracosane (C24)	15.191	3789282	32.879 ug/ml
15) T n-Hexacosane (C26)	16.215	490718	4.394 ug/ml
16) T n-Octacosane (C28)	17.202	1404186	12.902 ug/ml
17) T n-Tricontane (C30)	18.073	627206	5.758 ug/ml
18) T n-Dotriacontane (C32)	18.906	404157	3.757 ug/ml
19) T n-Tetratriacontane (C34)	19.729	479719	4.708 ug/ml
20) T n-Hexatriacontane (C36)	20.435	92824	0.949 ug/ml
21) T n-Octatriacontane (C38)	21.170	80449	0.881 ug/ml
22) T n-Tetracontane (C40)	22.095	144782	1.714 ug/ml

(f)=RT Delta > 1/2 Window

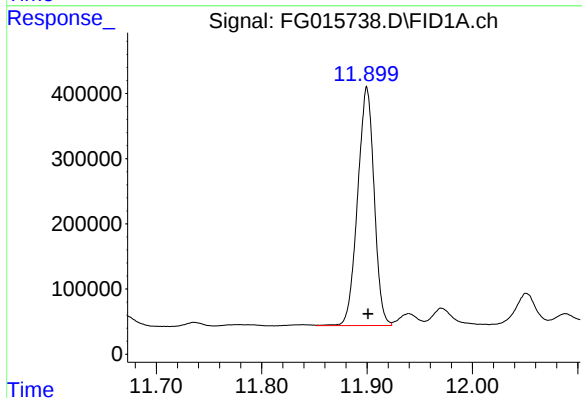
(m)=manual int.



#8 n-Octadecane (C18)

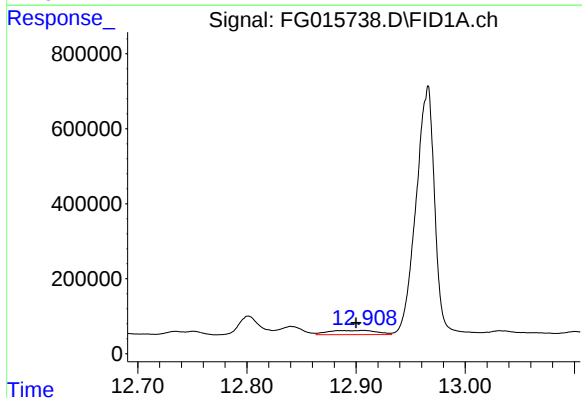
R.T.: 11.572 min
Delta R.T.: -0.015 min
Response: 72544
Conc: 0.61 ug/ml

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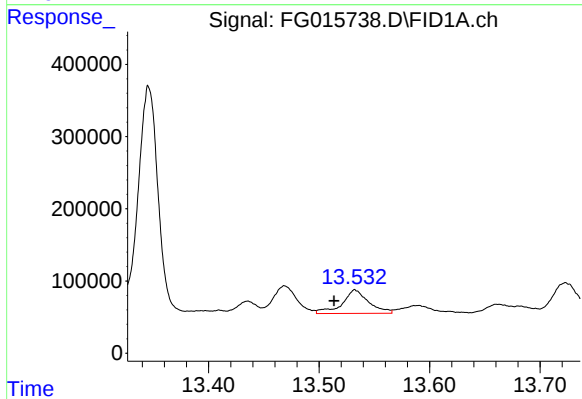
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.000 min
Response: 3977026
Conc: 27.43 ug/ml



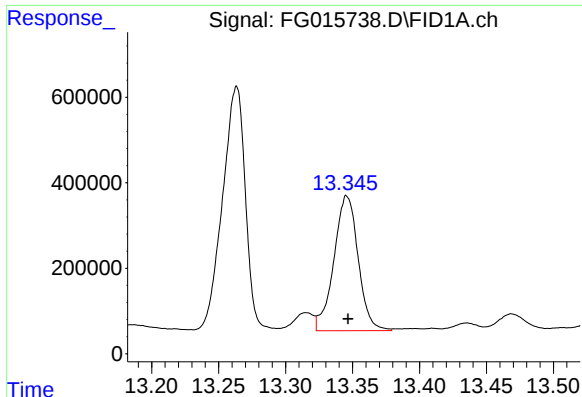
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.007 min
Response: 352981
Conc: 2.97 ug/ml



#11 n-Heneicosane (C21)

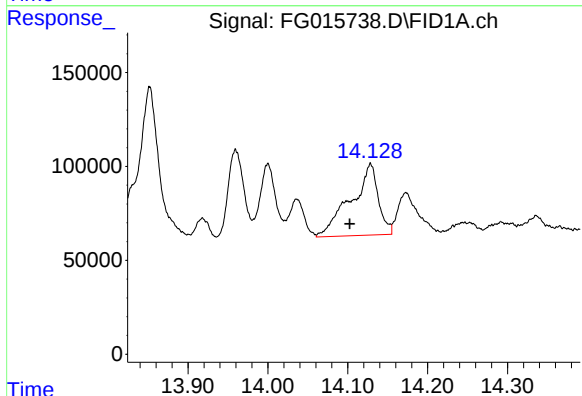
R.T.: 13.533 min
Delta R.T.: 0.019 min
Response: 539334
Conc: 4.56 ug/ml



#12 1-chlorooctadecane (SURR)

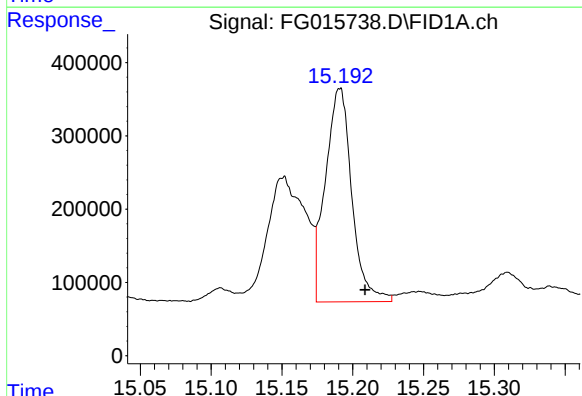
R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 3989897
Conc: 37.73 ug/ml

Instrument :
FID_G
ClientSampleId :
ETGI-275



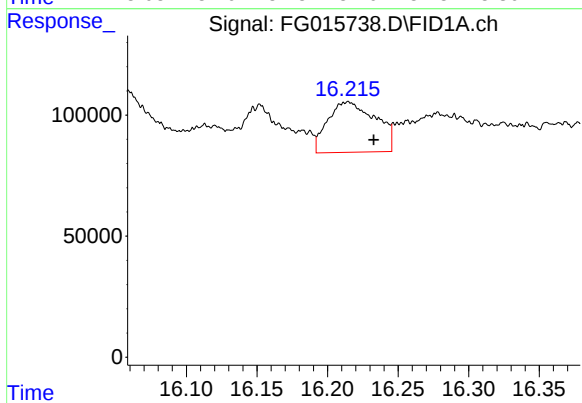
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: 0.026 min
Response: 904021
Conc: 7.75 ug/ml



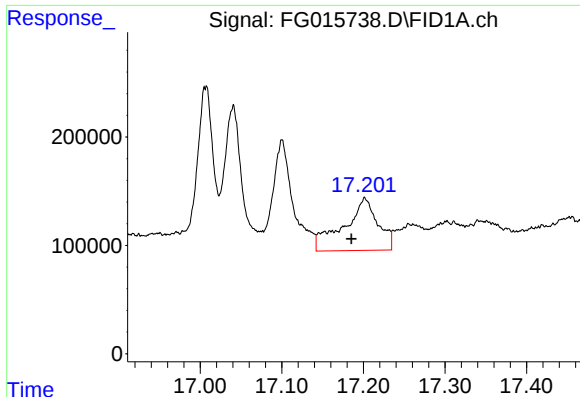
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.018 min
Response: 3789282
Conc: 32.88 ug/ml



#15 n-Hexacosane (C26)

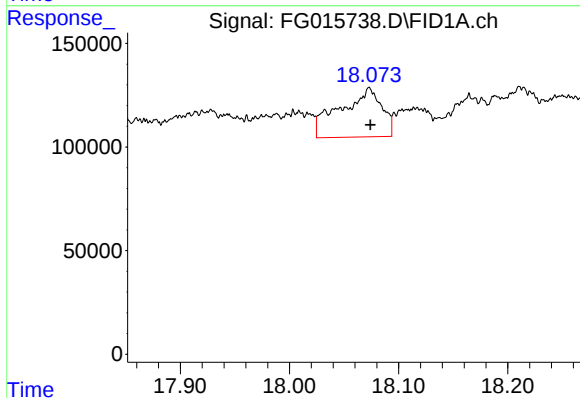
R.T.: 16.215 min
Delta R.T.: -0.018 min
Response: 490718
Conc: 4.39 ug/ml



#16 n-Octacosane (C28)

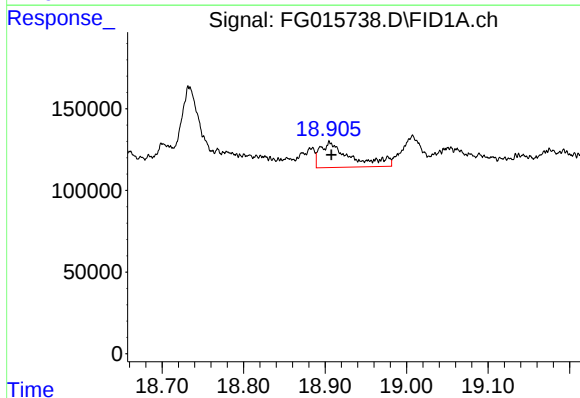
R.T.: 17.202 min
Delta R.T.: 0.016 min
Response: 1404186
Conc: 12.90 ug/ml

Instrument :
FID_G
ClientSampleId :
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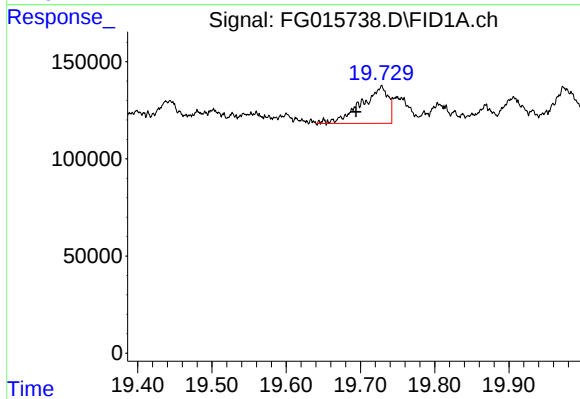
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 627206
Conc: 5.76 ug/ml



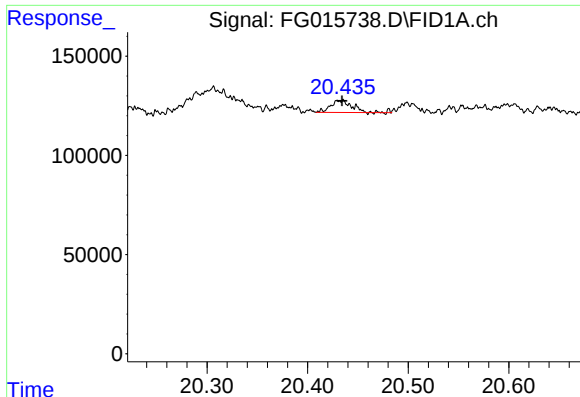
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.002 min
Response: 404157
Conc: 3.76 ug/ml



#19 n-Tetratriacontane (C34)

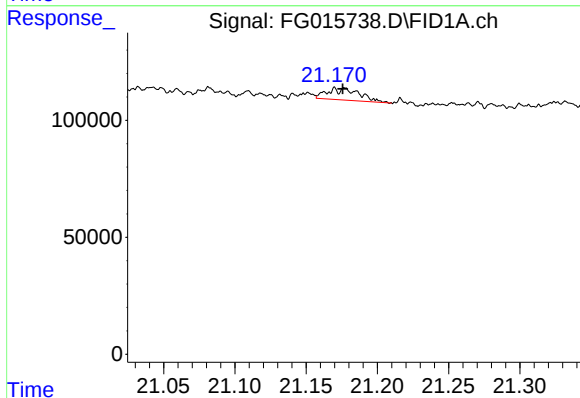
R.T.: 19.729 min
Delta R.T.: 0.035 min
Response: 479719
Conc: 4.71 ug/ml



#20 n-Hexatriacontane (C36)

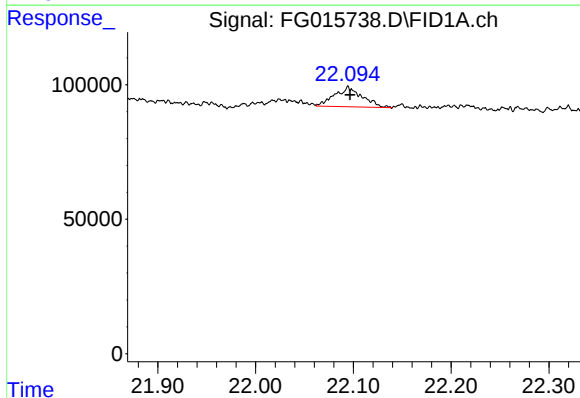
R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 92824
Conc: 0.95 ug/ml

Instrument :
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#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.006 min
Response: 80449
Conc: 0.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.002 min
Response: 144782
Conc: 1.71 ug/ml