

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015701.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 10:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 01:53:42 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)	11.901	2930152	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.346	2155587	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.248	2249755	20.132 ug/ml
2) T n-Decane (C10)	4.507	2265090	20.200 ug/ml
3) T A~Naphthalene (C11.7)	6.220	2392303	20.620 ug/ml
4) T n-Dodecane (C12)	6.688	2312065	20.222 ug/ml
5) T A~2-methylnaphthalene...	7.322	2338301	21.004 ug/ml
6) T n-Tetradecane (C14)	8.524	2309743	20.269 ug/ml
7) T n-Hexadecane (C16)	10.137	2367012	20.243 ug/ml
8) T n-Octadecane (C18)	11.585	2420602	20.236 ug/ml
10) T n-Eicosane (C20)	12.899	2416048	20.304 ug/ml
11) T n-Heneicosane (C21)	13.512	2396247	20.259 ug/ml
13) T n-Docosane (C22)	14.100	2398866	20.571 ug/ml
14) T n-Tetracosane (C24)	15.208	2415839	20.962 ug/ml
15) T n-Hexacosane (C26)	16.231	2350627	21.049 ug/ml
16) T n-Octacosane (C28)	17.183	2313335	21.256 ug/ml
17) T n-Tricontane (C30)	18.073	2309144	21.200 ug/ml
18) T n-Dotriacontane (C32)	18.908	2274995	21.146 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2104745	20.657 ug/ml
20) T n-Hexatriacontane (C36)	20.432	1993376	20.378 ug/ml
21) T n-Octatriacontane (C38)	21.173	1791958	19.632 ug/ml
22) T n-Tetracontane (C40)	22.095	1575921	18.660 ug/ml

(f)=RT Delta > 1/2 Window

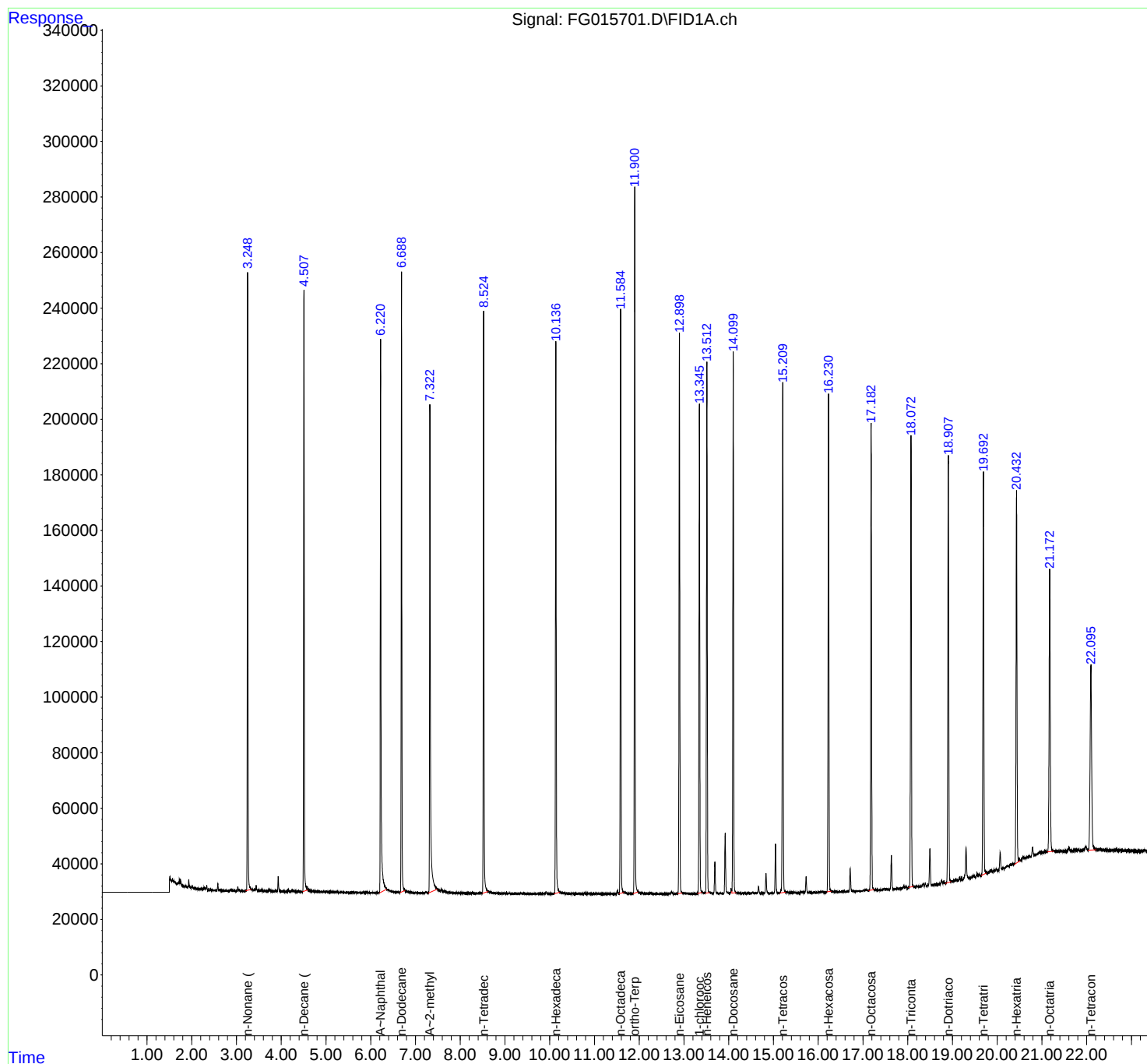
(m)=manual int.

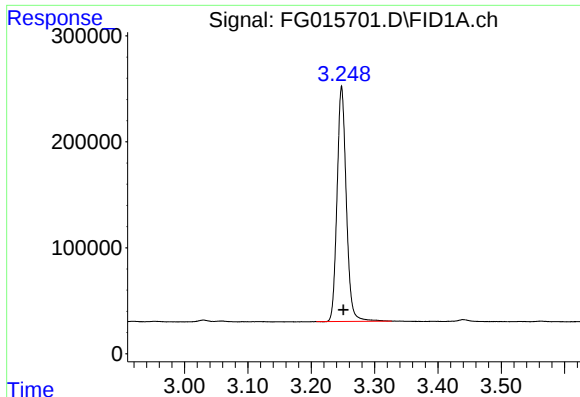
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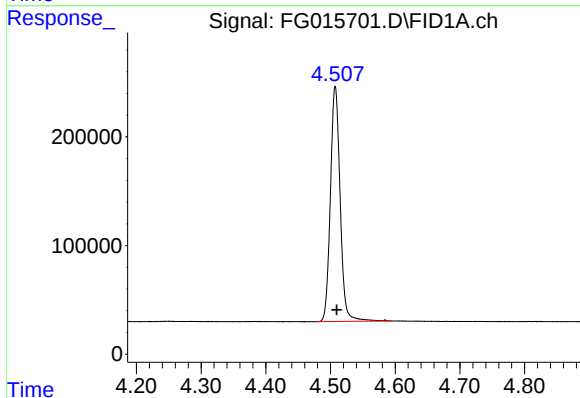




#1 n-Nonane (C9)

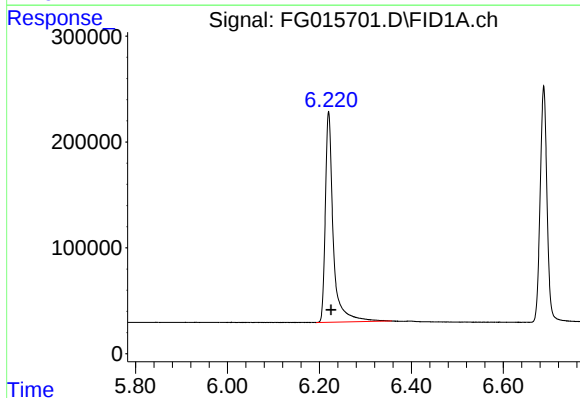
R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 2249755
Conc: 20.13 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



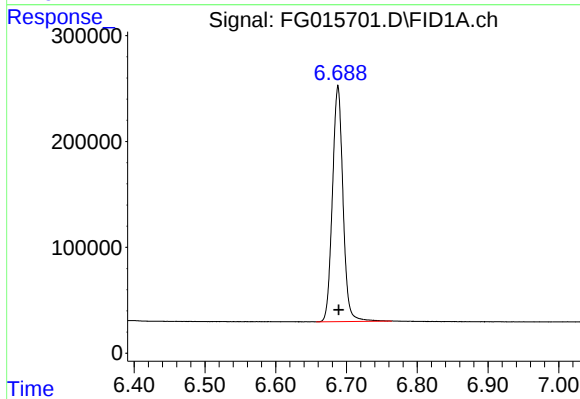
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2265090
Conc: 20.20 ug/ml



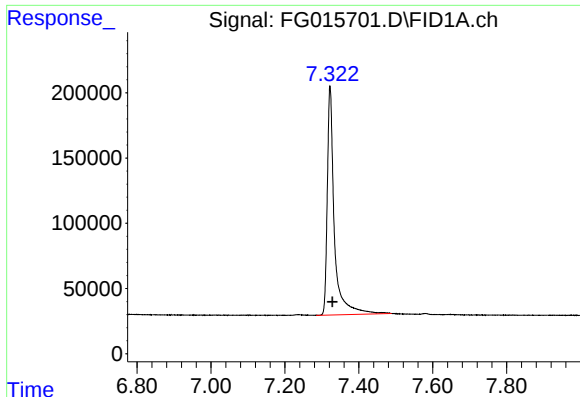
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 2392303
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

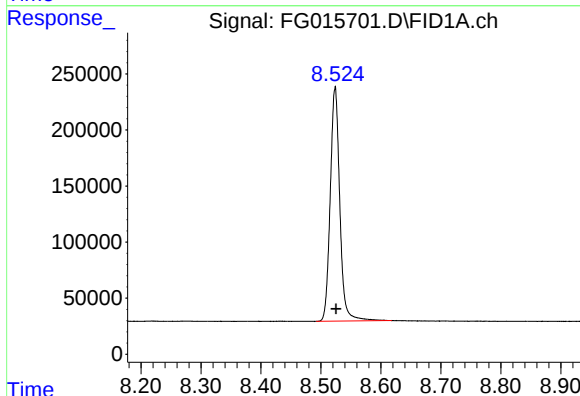
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 2312065
Conc: 20.22 ug/ml



#5 A~2-methylnaphthalene (C12.89)

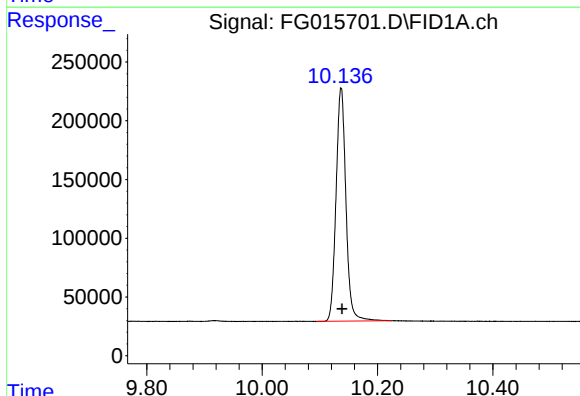
R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 2338301
Conc: 21.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



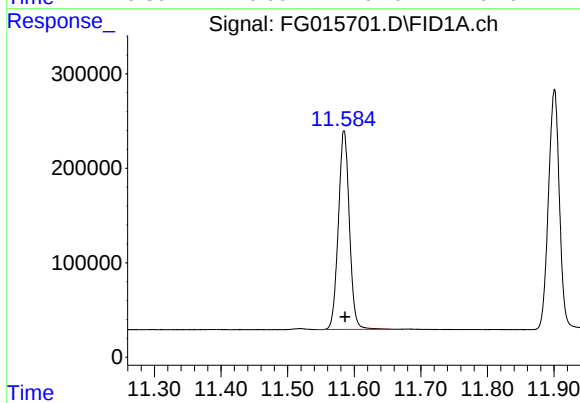
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.001 min
Response: 2309743
Conc: 20.27 ug/ml



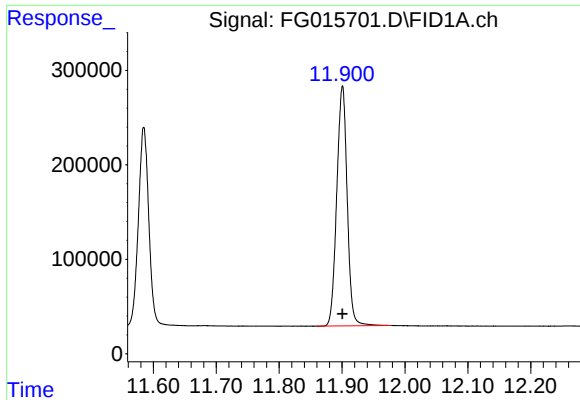
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.002 min
Response: 2367012
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

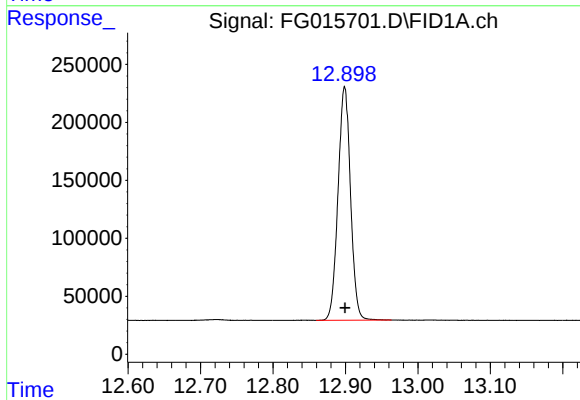
R.T.: 11.585 min
Delta R.T.: -0.001 min
Response: 2420602
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

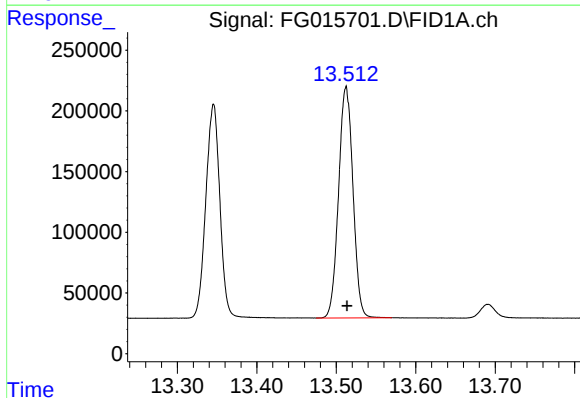
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 2930152
Conc: 20.21 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



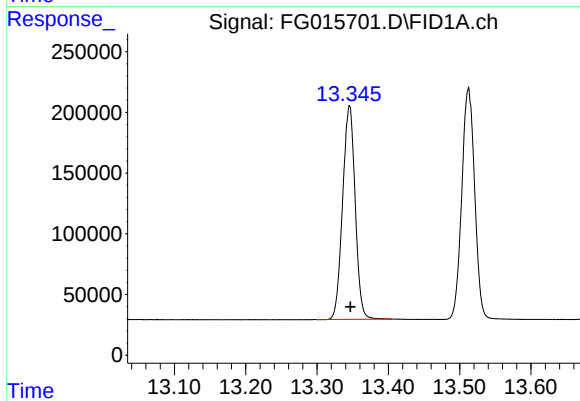
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 2416048
Conc: 20.30 ug/ml



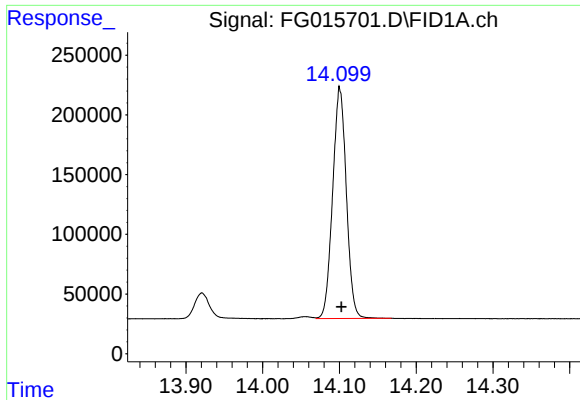
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 2396247
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

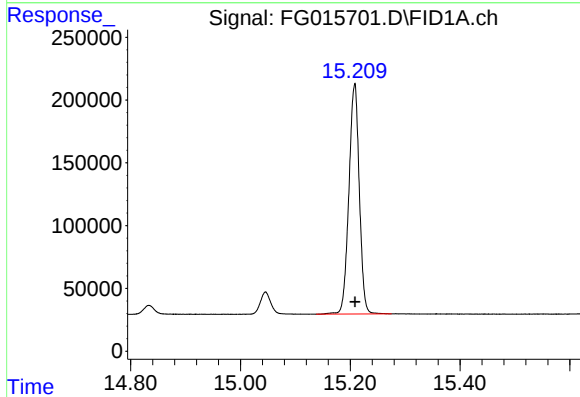
R.T.: 13.346 min
Delta R.T.: -0.001 min
Response: 2155587
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

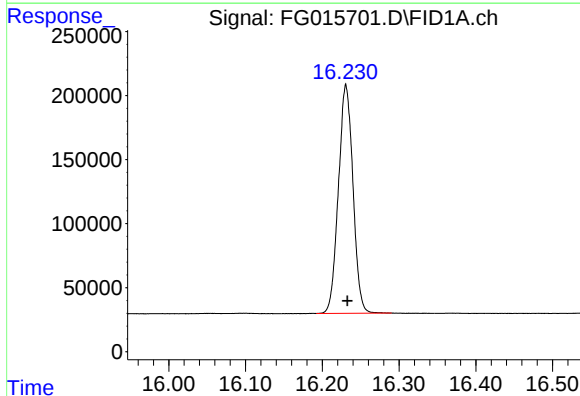
R.T.: 14.100 min
Delta R.T.: -0.002 min
Response: 2398866
Conc: 20.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



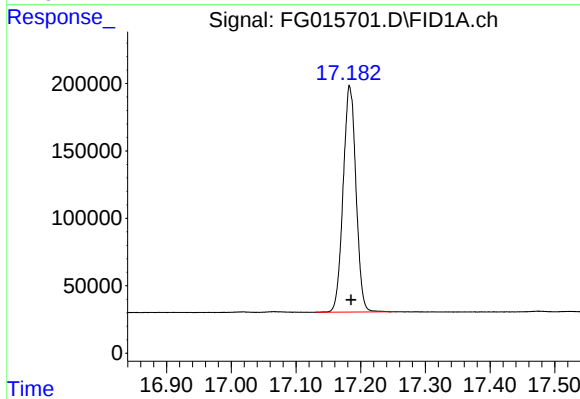
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.000 min
Response: 2415839
Conc: 20.96 ug/ml



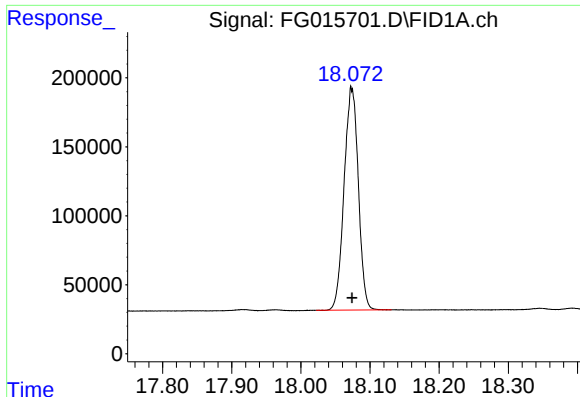
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.002 min
Response: 2350627
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

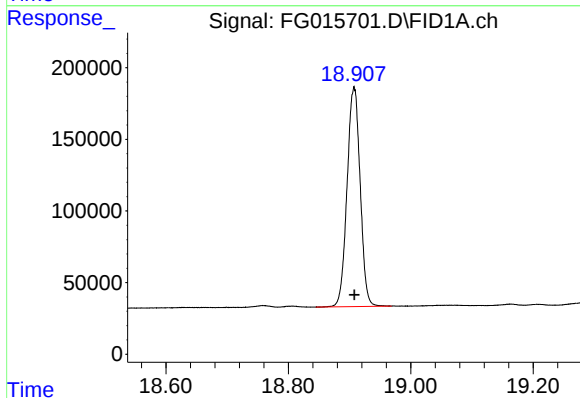
R.T.: 17.183 min
Delta R.T.: -0.002 min
Response: 2313335
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

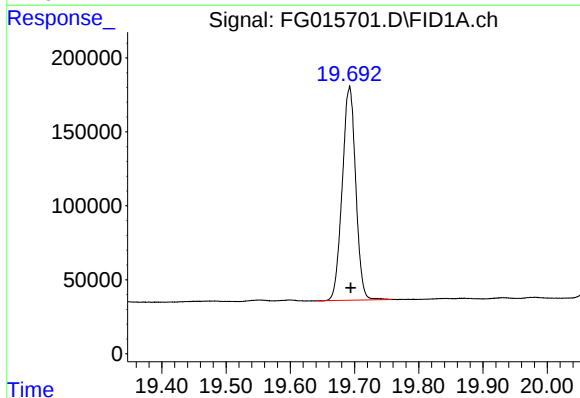
R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 2309144
Conc: 21.20 ug/ml

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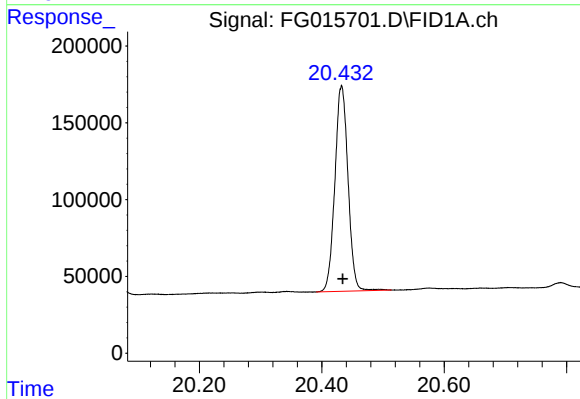
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 2274995
Conc: 21.15 ug/ml



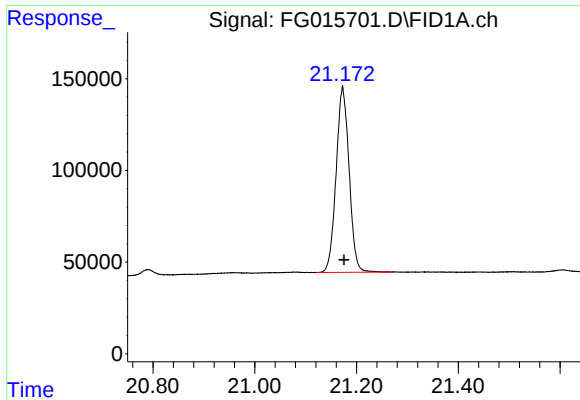
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.002 min
Response: 2104745
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

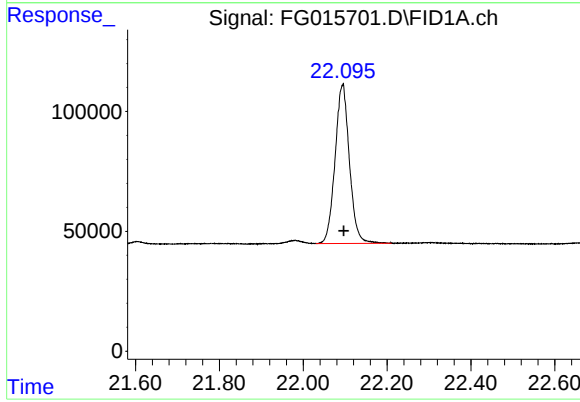
R.T.: 20.432 min
Delta R.T.: -0.002 min
Response: 1993376
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.003 min
Response: 1791958
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.002 min
Response: 1575921
Conc: 18.66 ug/ml