

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG015002.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 12:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 20 13:56:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 2024
 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)	11.960	3070334	19.462 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	13.406	2445251	19.350 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T n-Nonane (C9)	3.294	2501937	19.570 ug/ml
2) T n-Decane (C10)	4.556	2558059	19.628 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2820942	19.652 ug/ml
4) T n-Dodecane (C12)	6.737	2603197	19.702 ug/ml
5) T A~2-methylnaphthalene...	7.370	2757078	19.670 ug/ml
6) T n-Tetradecane (C14)	8.576	2619346	19.636 ug/ml
7) T n-Hexadecane (C16)	10.192	2761916	19.566 ug/ml
8) T n-Octadecane (C18)	11.644	2850681	19.458 ug/ml
10) T n-Eicosane (C20)	12.959	2808350	19.353 ug/ml
11) T n-Heneicosane (C21)	13.574	2795086	19.287 ug/ml
13) T n-Docosane (C22)	14.163	2804122	19.186 ug/ml
14) T n-Tetracosane (C24)	15.272	2837228	19.000 ug/ml
15) T n-Hexacosane (C26)	16.297	2816020	18.765 ug/ml
16) T n-Octacosane (C28)	17.251	2761148	18.444 ug/ml
17) T n-Tricontane (C30)	18.142	2784393	18.140 ug/ml
18) T n-Dotriacontane (C32)	18.978	2685831	18.204 ug/ml
19) T n-Tetratriacontane (C34)	19.763	2315668	18.145 ug/ml
20) T n-Hexatriacontane (C36)	20.508	1991442	18.461 ug/ml
21) T n-Octatriacontane (C38)	21.262	1870253	18.659 ug/ml
22) T n-Tetracontane (C40)	22.209	1891821	20.140 ug/ml

(f)=RT Delta > 1/2 Window

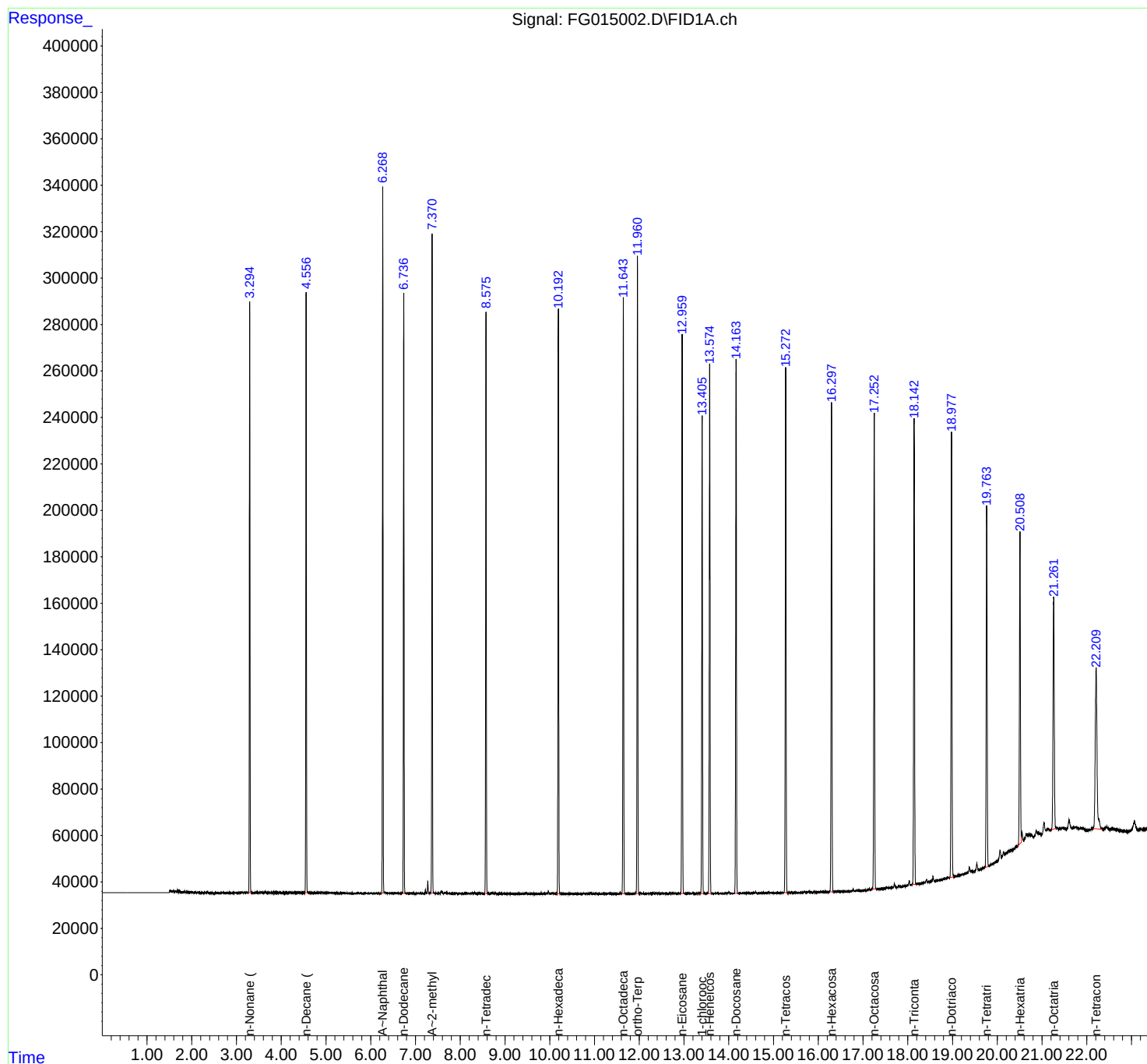
(m)=manual int.

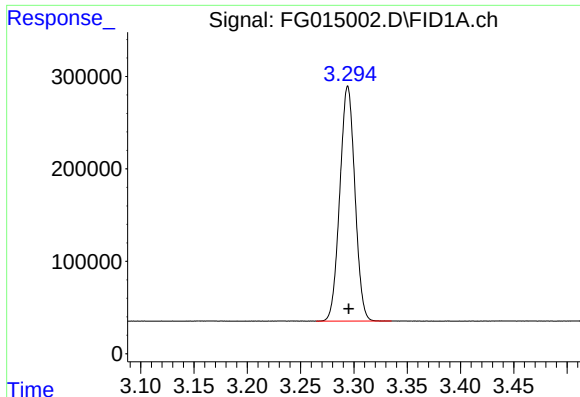
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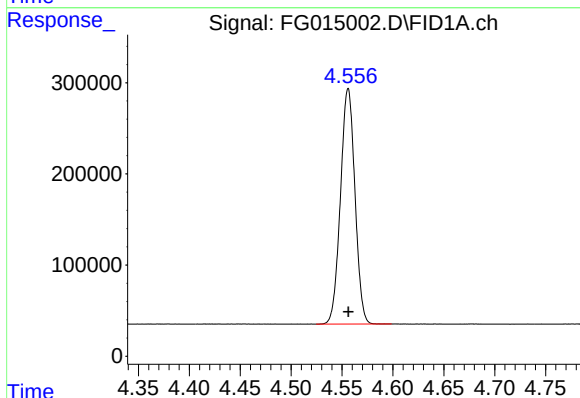




#1 n-Nonane (C9)

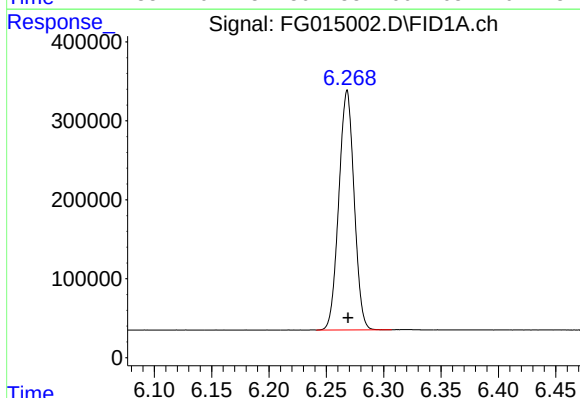
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 2501937
Conc: 19.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



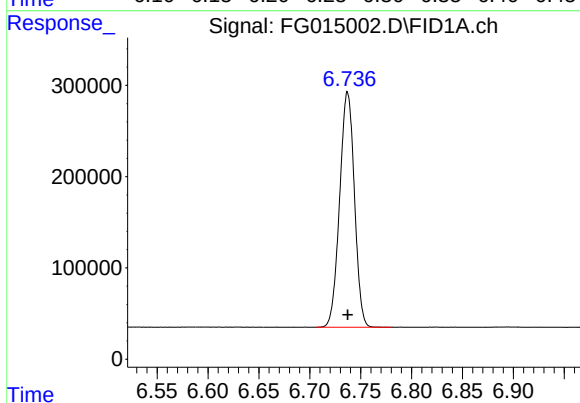
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2558059
Conc: 19.63 ug/ml



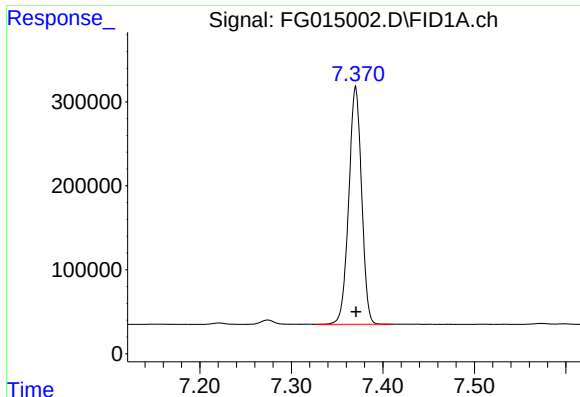
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 2820942
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

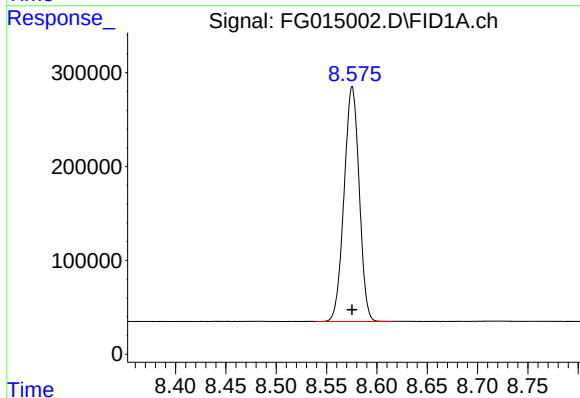
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 2603197
Conc: 19.70 ug/ml



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

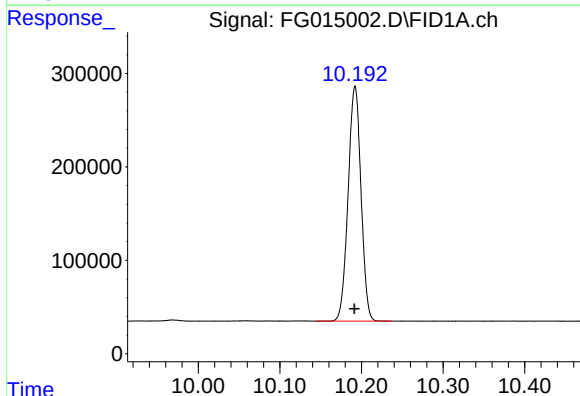
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2757078
Conc: 19.67 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



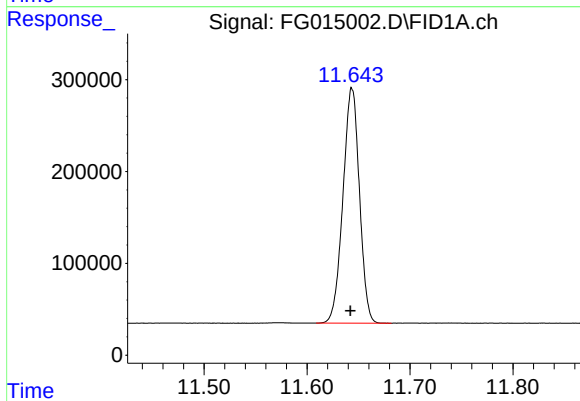
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 2619346
Conc: 19.64 ug/ml



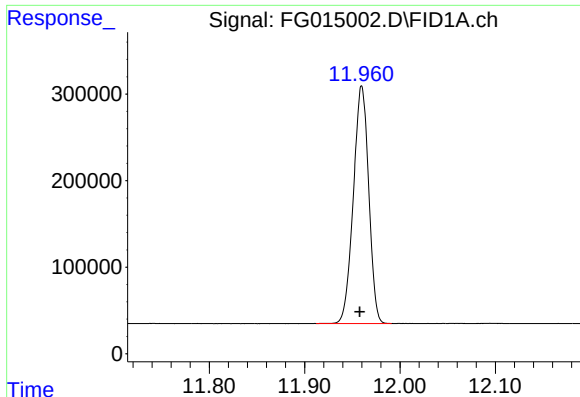
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.000 min
Response: 2761916
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

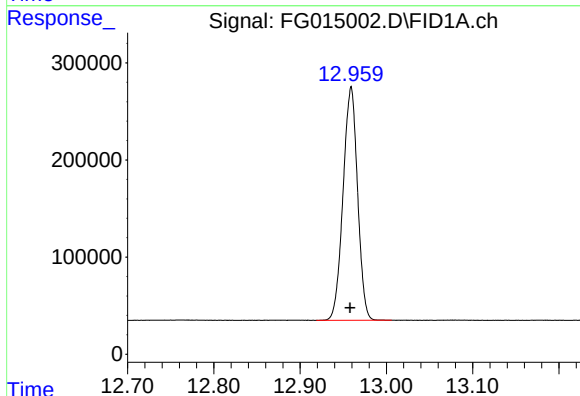
R.T.: 11.644 min
Delta R.T.: 0.001 min
Response: 2850681
Conc: 19.46 ug/ml



#9 ortho-Terphenyl (SURR)

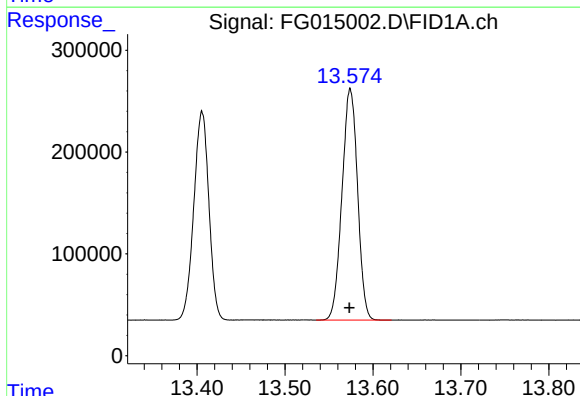
R.T.: 11.960 min
Delta R.T.: 0.002 min
Response: 3070334
Conc: 19.46 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



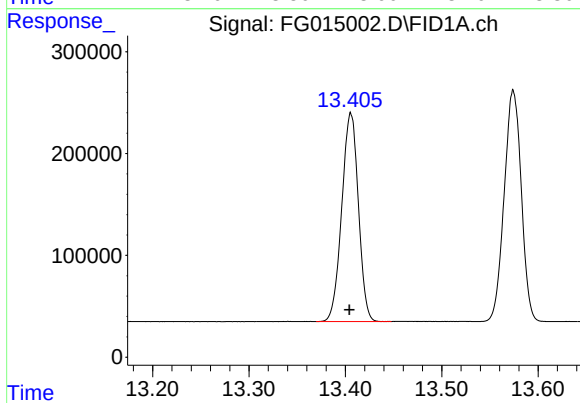
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.001 min
Response: 2808350
Conc: 19.35 ug/ml



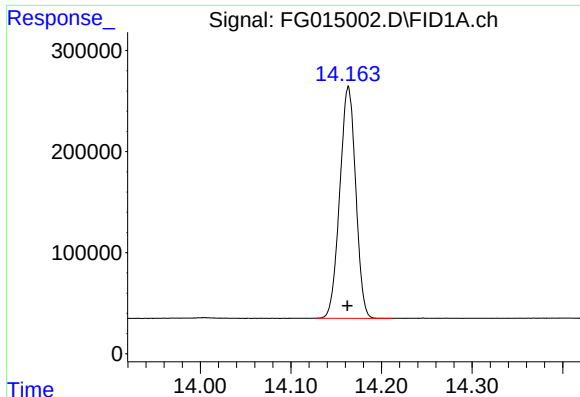
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.000 min
Response: 2795086
Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

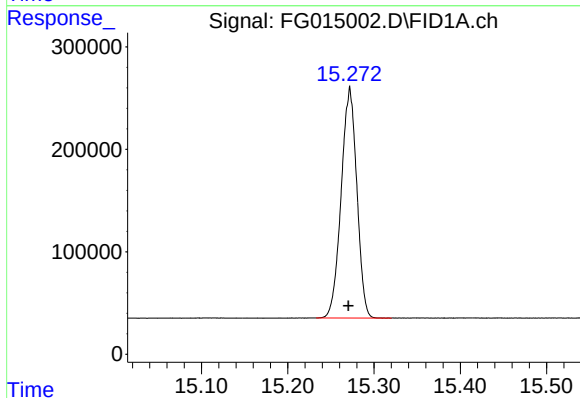
R.T.: 13.406 min
Delta R.T.: 0.001 min
Response: 2445251
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

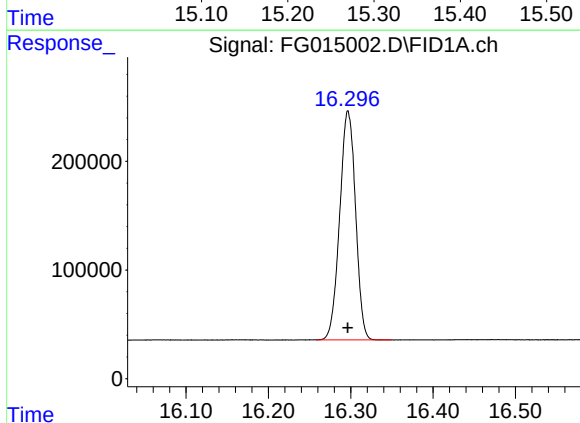
R.T.: 14.163 min
Delta R.T.: 0.001 min
Response: 2804122
Conc: 19.19 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



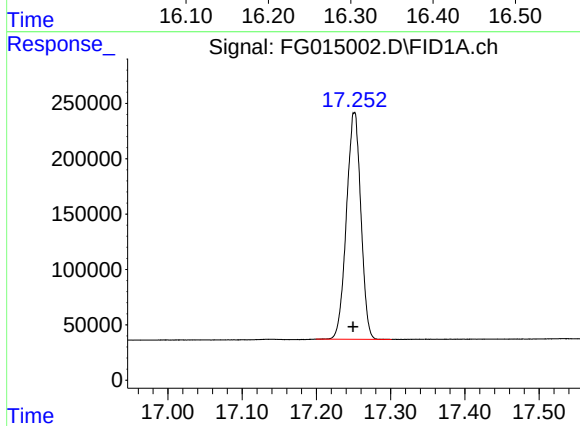
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.002 min
Response: 2837228
Conc: 19.00 ug/ml



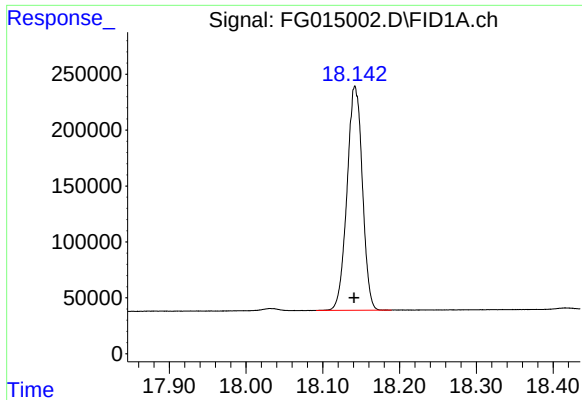
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2816020
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

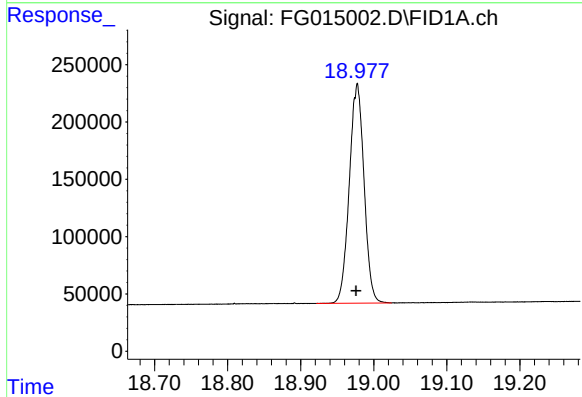
R.T.: 17.251 min
Delta R.T.: 0.002 min
Response: 2761148
Conc: 18.44 ug/ml



#17 n-Tricontane (C30)

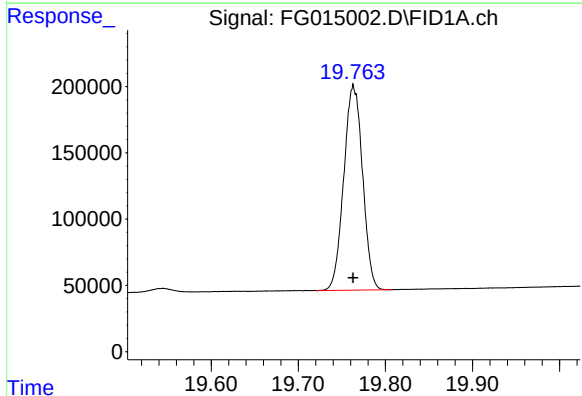
R.T.: 18.142 min
Delta R.T.: 0.001 min
Response: 2784393
Conc: 18.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



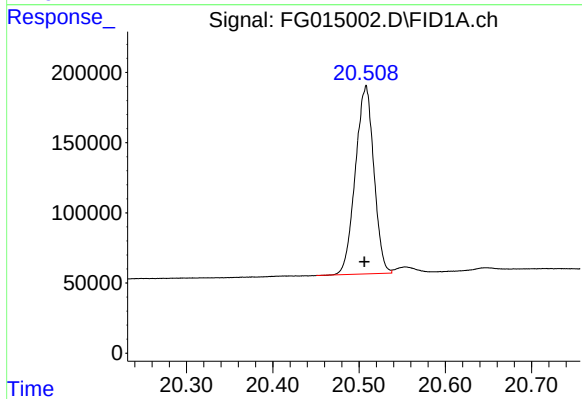
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.002 min
Response: 2685831
Conc: 18.20 ug/ml



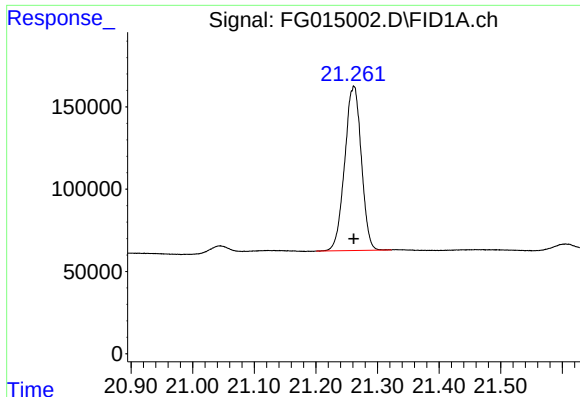
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 2315668
Conc: 18.14 ug/ml



#20 n-Hexatriacontane (C36)

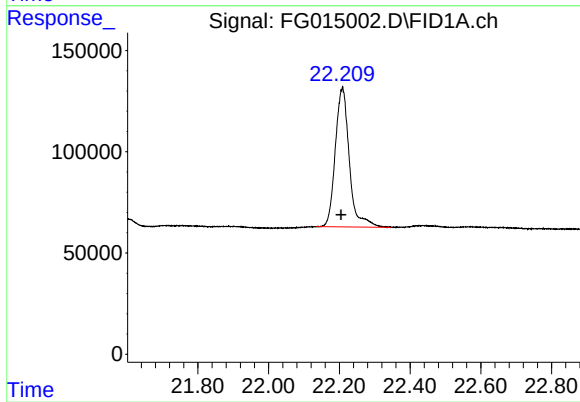
R.T.: 20.508 min
Delta R.T.: 0.002 min
Response: 1991442
Conc: 18.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 1870253
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.005 min
Response: 1891821
Conc: 20.14 ug/ml