

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015717.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 21:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 01:59:14 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)	11.902	3004673	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	13.346	2281143	21.571 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T n-Nonane (C9)	3.246	2220008	19.866 ug/ml
2) T n-Decane (C10)	4.507	2245876	20.028 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2380527	20.518 ug/ml
4) T n-Dodecane (C12)	6.688	2307503	20.182 ug/ml
5) T A~2-methylnaphthalene...	7.323	2351449	21.122 ug/ml
6) T n-Tetradecane (C14)	8.524	2309611	20.268 ug/ml
7) T n-Hexadecane (C16)	10.138	2384471	20.392 ug/ml
8) T n-Octadecane (C18)	11.587	2450522	20.486 ug/ml
10) T n-Eicosane (C20)	12.901	2460294	20.675 ug/ml
11) T n-Heneicosane (C21)	13.515	2453901	20.746 ug/ml
13) T n-Docosane (C22)	14.102	2437290	20.900 ug/ml
14) T n-Tetracosane (C24)	15.209	2426358	21.053 ug/ml
15) T n-Hexacosane (C26)	16.232	2375389	21.271 ug/ml
16) T n-Octacosane (C28)	17.186	2331566	21.424 ug/ml
17) T n-Tricontane (C30)	18.076	2365030	21.713 ug/ml
18) T n-Dotriacontane (C32)	18.909	2349880	21.842 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2218419	21.772 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2156923	22.050 ug/ml
21) T n-Octatriacontane (C38)	21.179	2107061	23.084 ug/ml
22) T n-Tetracontane (C40)	22.099	2064868	24.450 ug/ml

(f)=RT Delta > 1/2 Window

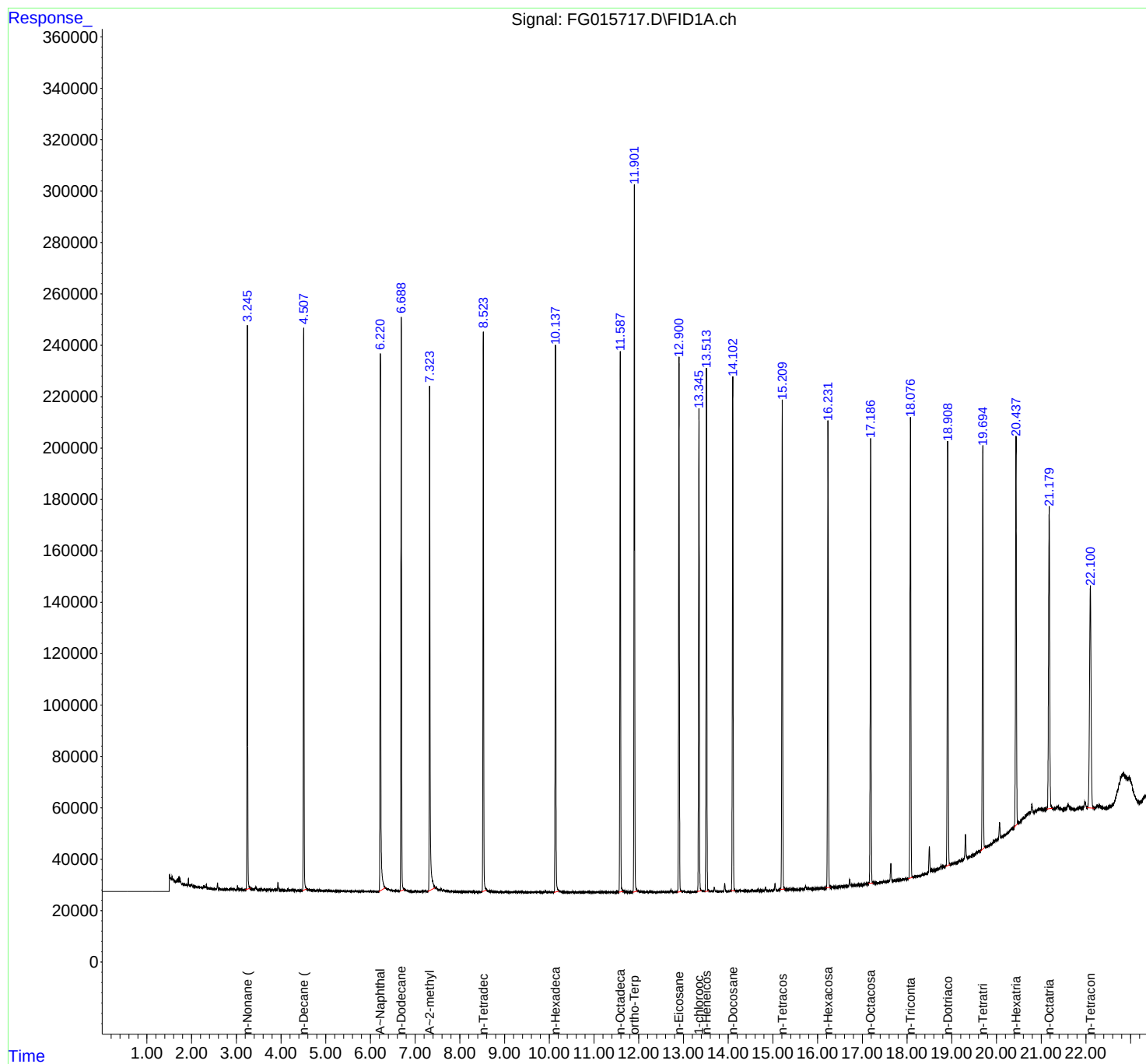
(m)=manual int.

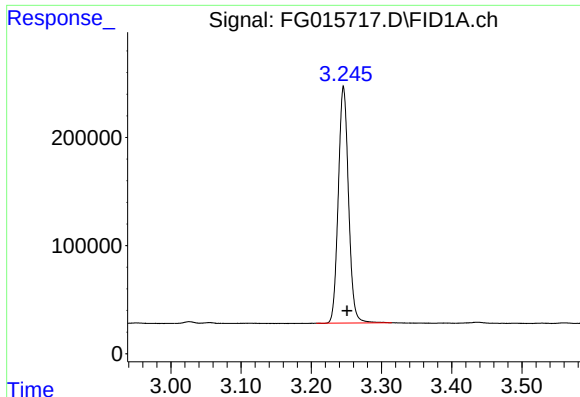
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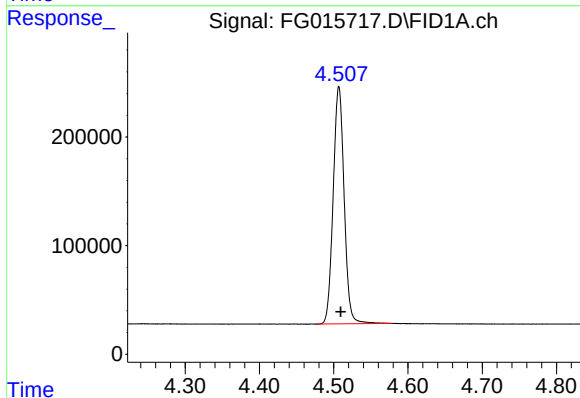




#1 n-Nonane (C9)

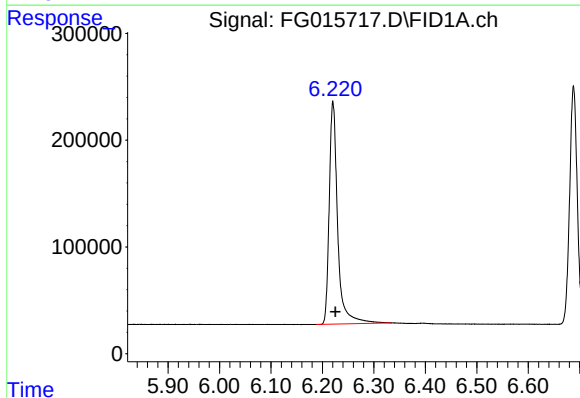
R.T.: 3.246 min
Delta R.T.: -0.005 min
Response: 2220008
Conc: 19.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



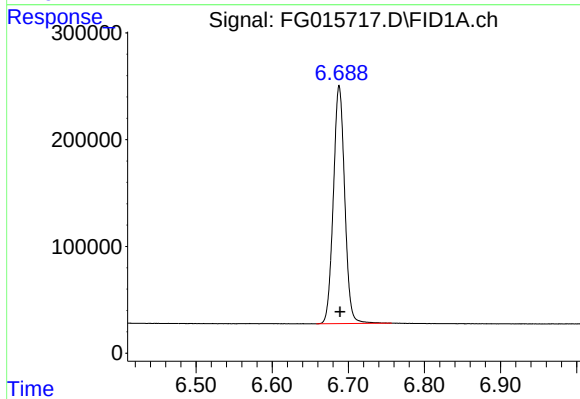
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 2245876
Conc: 20.03 ug/ml



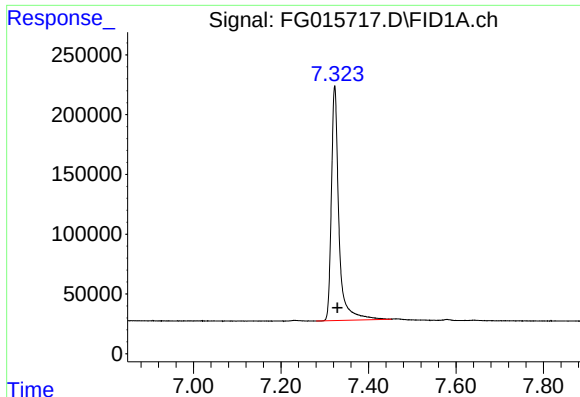
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 2380527
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

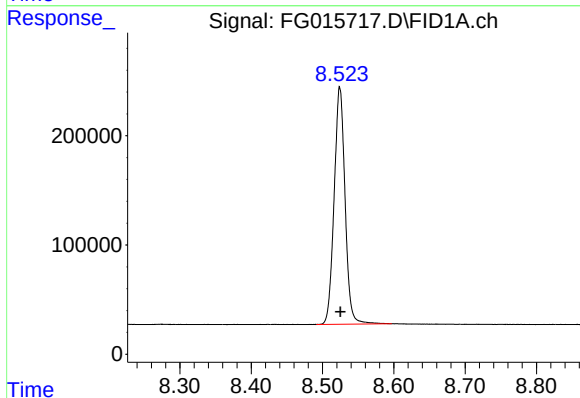
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 2307503
Conc: 20.18 ug/ml



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

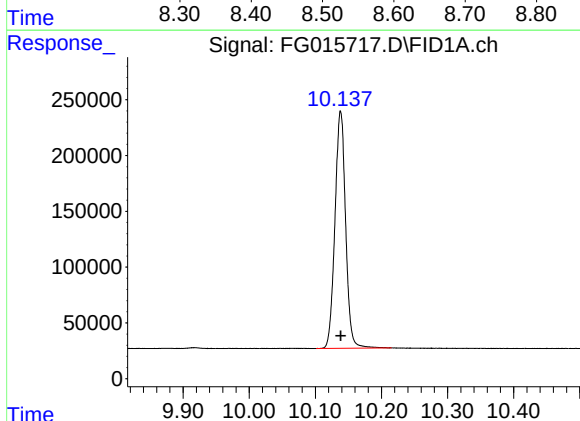
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 2351449
Conc: 21.12 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



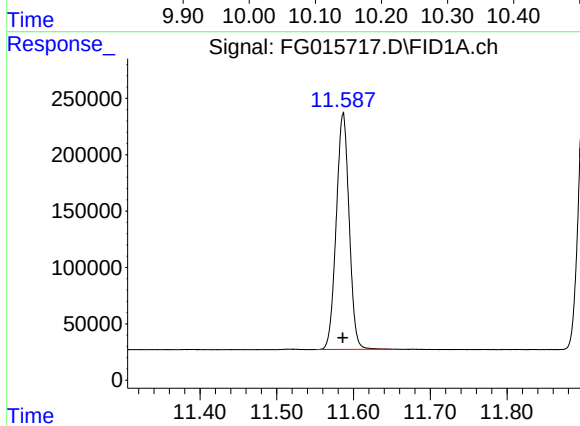
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 2309611
Conc: 20.27 ug/ml



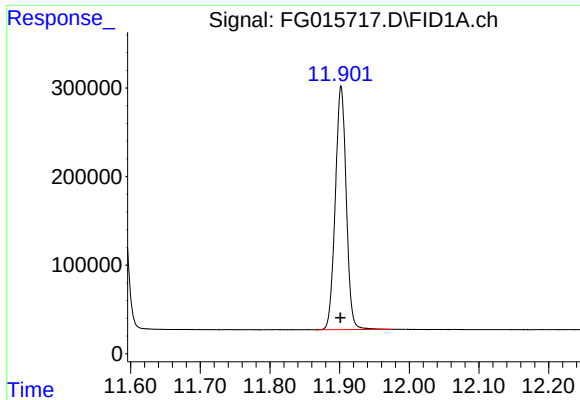
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 2384471
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

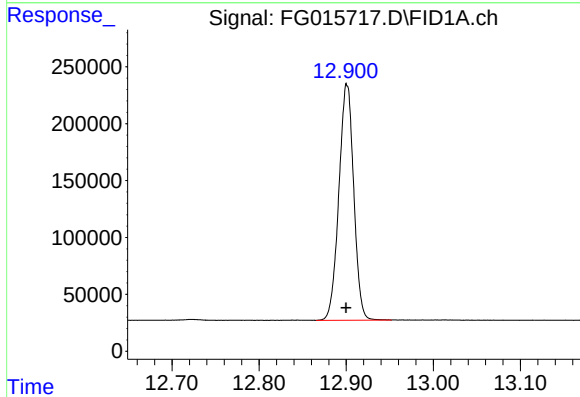
R.T.: 11.587 min
Delta R.T.: 0.000 min
Response: 2450522
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

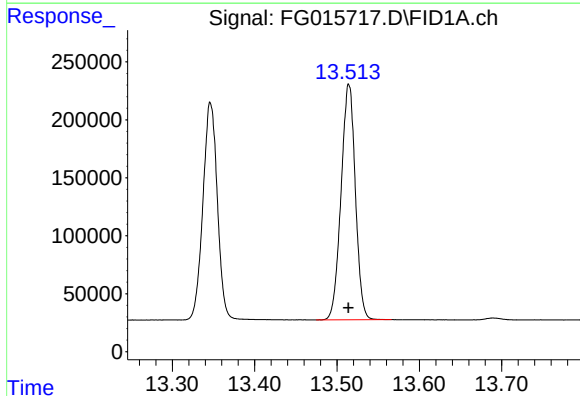
R.T.: 11.902 min
Delta R.T.: 0.001 min
Response: 3004673
Conc: 20.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



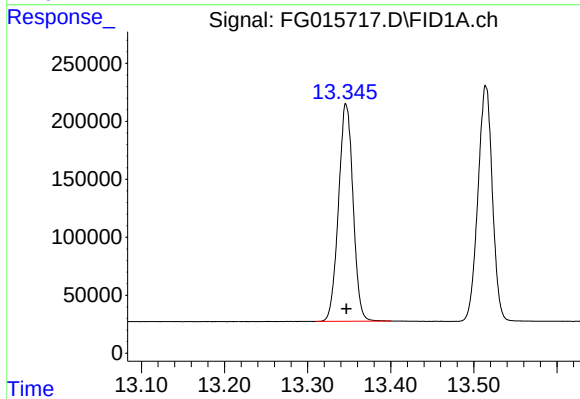
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.001 min
Response: 2460294
Conc: 20.68 ug/ml



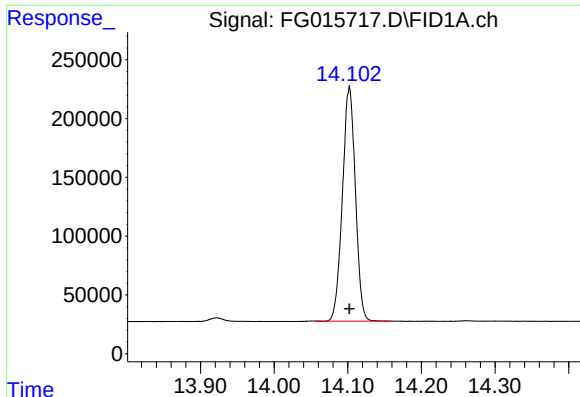
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.000 min
Response: 2453901
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

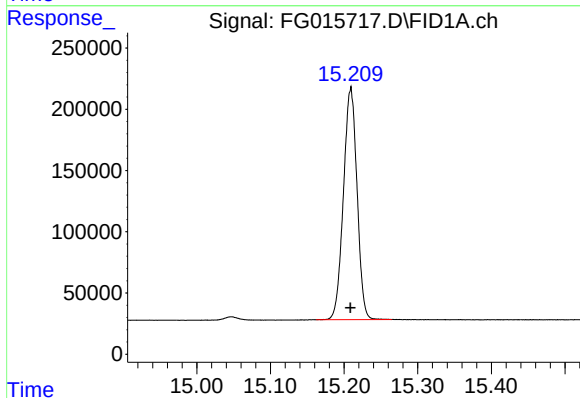
R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 2281143
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

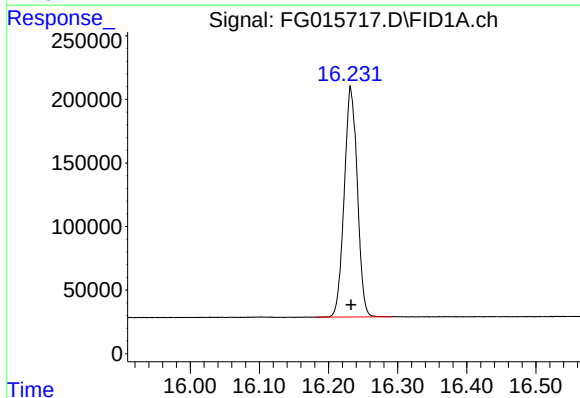
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 2437290
Conc: 20.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



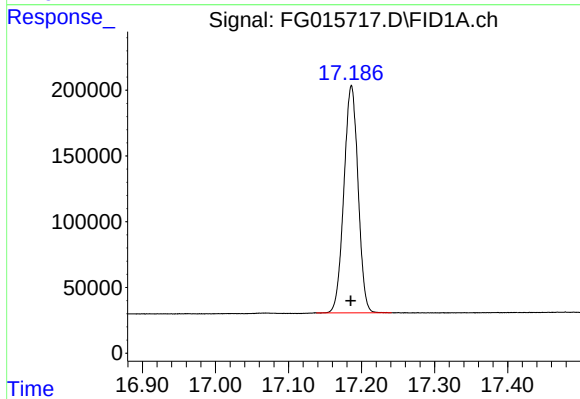
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2426358
Conc: 21.05 ug/ml



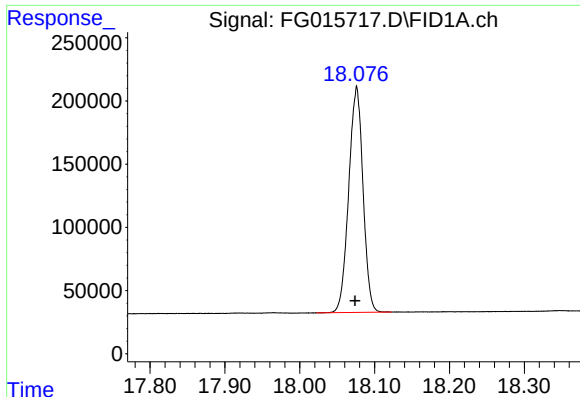
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 2375389
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

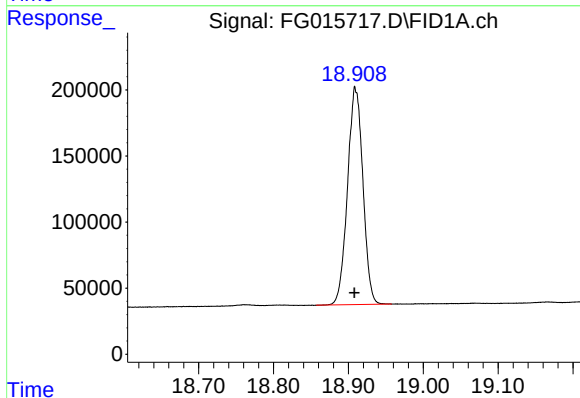
R.T.: 17.186 min
Delta R.T.: 0.000 min
Response: 2331566
Conc: 21.42 ug/ml



#17 n-Tricontane (C30)

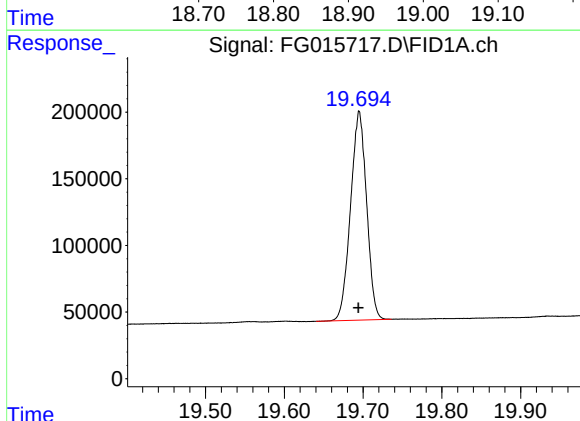
R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 2365030
Conc: 21.71 ug/ml

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20 PPM ALIPHATIC HC STD



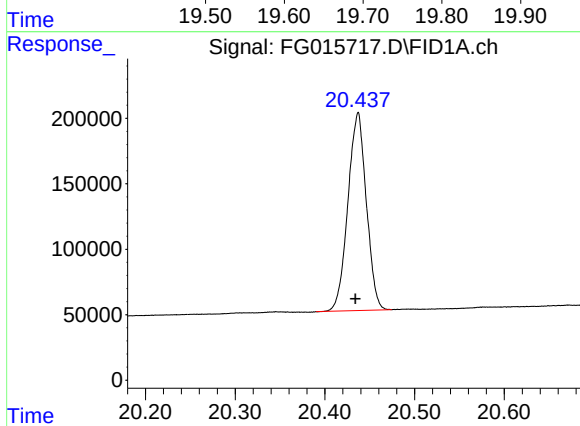
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.001 min
Response: 2349880
Conc: 21.84 ug/ml



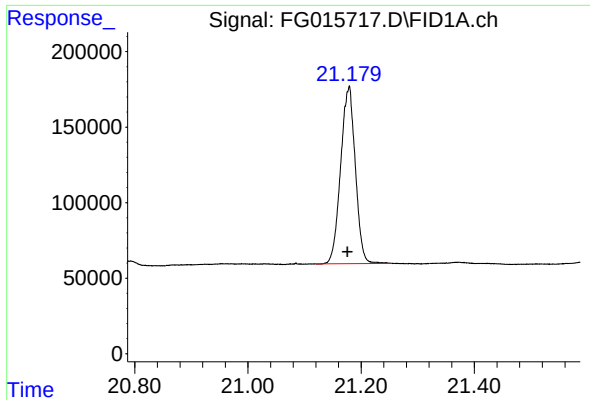
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.001 min
Response: 2218419
Conc: 21.77 ug/ml



#20 n-Hexatriacontane (C36)

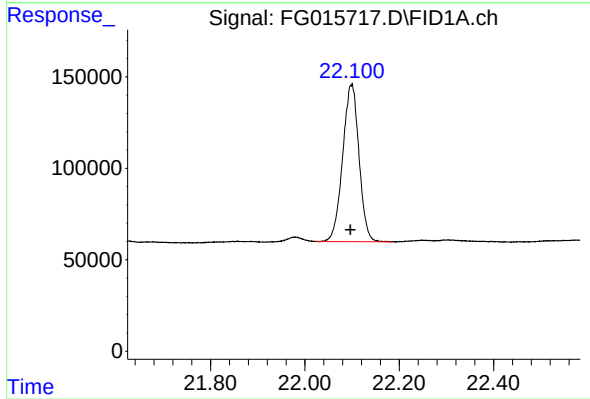
R.T.: 20.437 min
Delta R.T.: 0.003 min
Response: 2156923
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.003 min
Response: 2107061
Conc: 23.08 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.003 min
Response: 2064868
Conc: 24.45 ug/ml