

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052902.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 23:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 20 23:54:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.903	3183184	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.348	2370469	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.244	2850801	18.386 ug/ml
2) T n-Decane (C10)	4.506	2990917	19.039 ug/ml
3) T A~Naphthalene (C11.7)	6.219	3210840	18.933 ug/ml
4) T n-Dodecane (C12)	6.687	3001659	19.279 ug/ml
5) T A~2-methylnaphthalene...	7.322	3086381	19.045 ug/ml
6) T n-Tetradecane (C14)	8.524	2962844	19.581 ug/ml
7) T n-Hexadecane (C16)	10.139	3010768	19.693 ug/ml
8) T n-Octadecane (C18)	11.588	2966662	19.499 ug/ml
10) T n-Eicosane (C20)	12.902	2811202	19.364 ug/ml
11) T n-Heneicosane (C21)	13.517	2730215	19.182 ug/ml
13) T n-Docosane (C22)	14.105	2741787	19.266 ug/ml
14) T n-Tetracosane (C24)	15.211	2816187	19.679 ug/ml
15) T n-Hexacosane (C26)	16.235	2827178	19.883 ug/ml
16) T n-Octacosane (C28)	17.188	2943246	20.699 ug/ml
17) T n-Tricontane (C30)	18.078	3232448	21.885 ug/ml
18) T n-Dotriacontane (C32)	18.912	3267258	22.505 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2975350	22.076 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2620553	22.054 ug/ml
21) T n-Octatriacontane (C38)	21.183	2419005	21.805 ug/ml
22) T n-Tetracontane (C40)	22.102	2322503	21.482 ug/ml

(f)=RT Delta > 1/2 Window

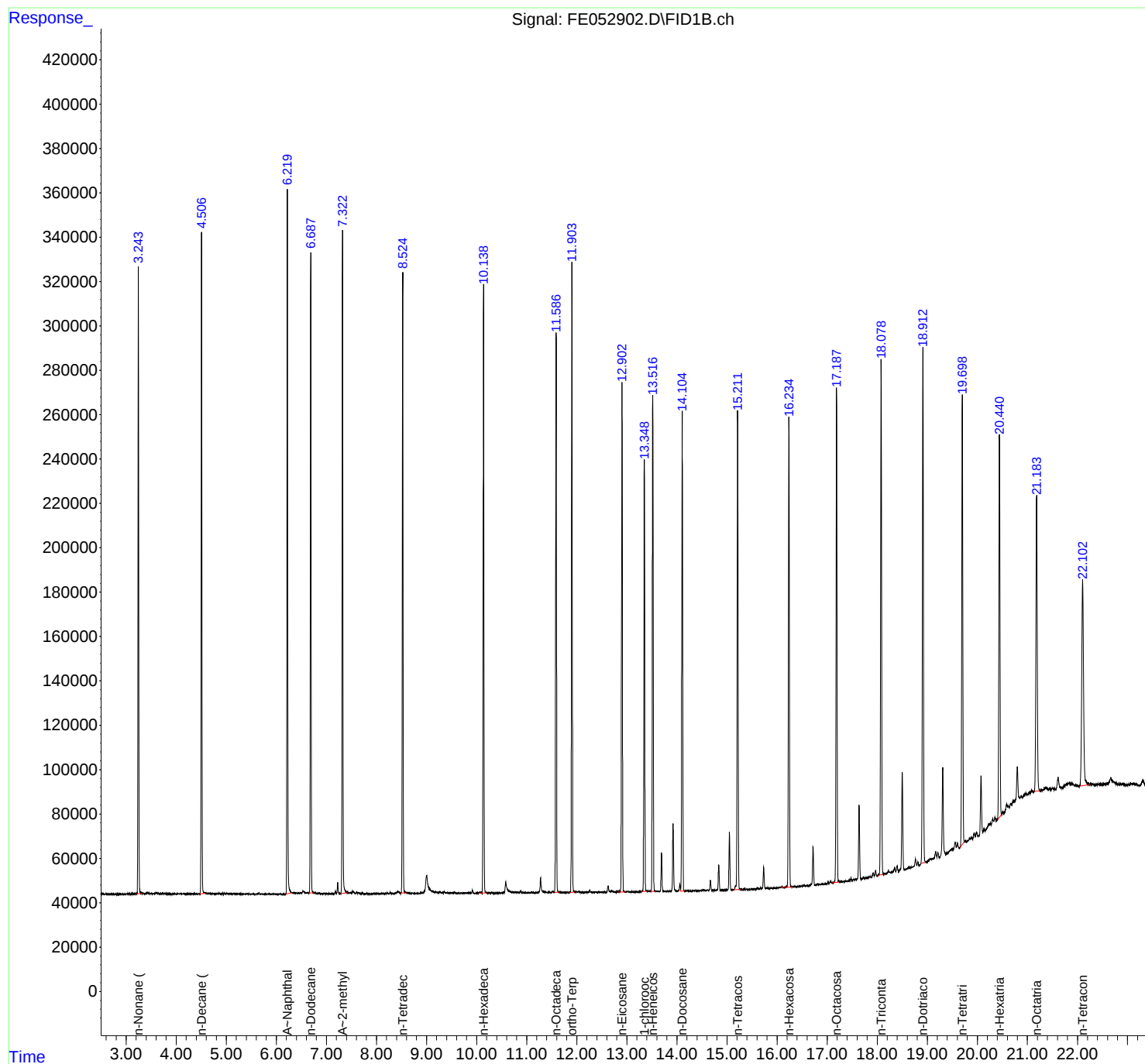
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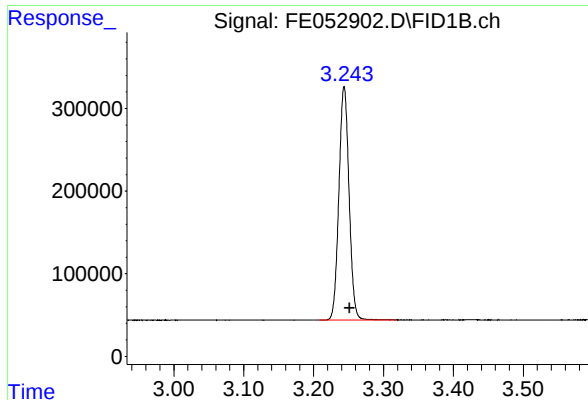
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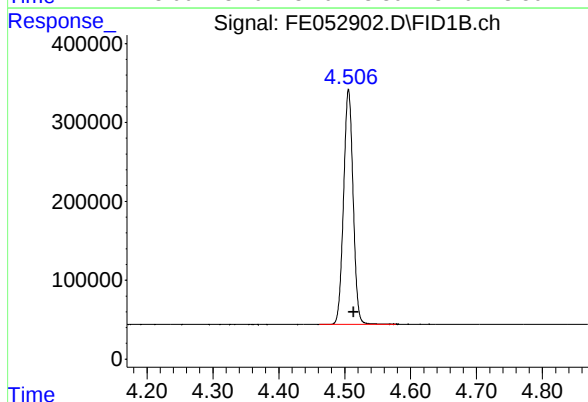




#1 n-Nonane (C9)

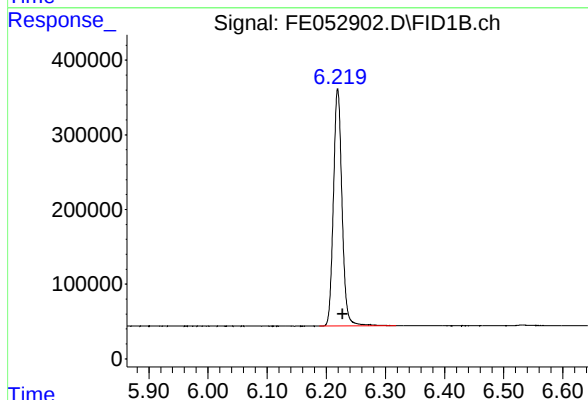
R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 2850801
Conc: 18.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



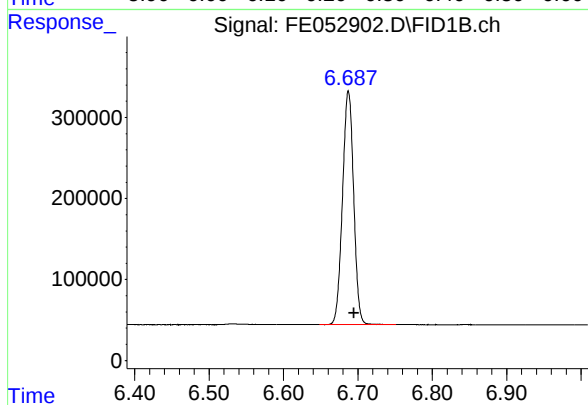
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.008 min
Response: 2990917
Conc: 19.04 ug/ml



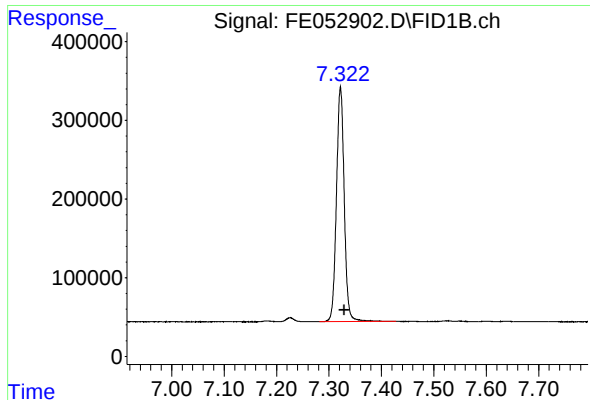
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 3210840
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

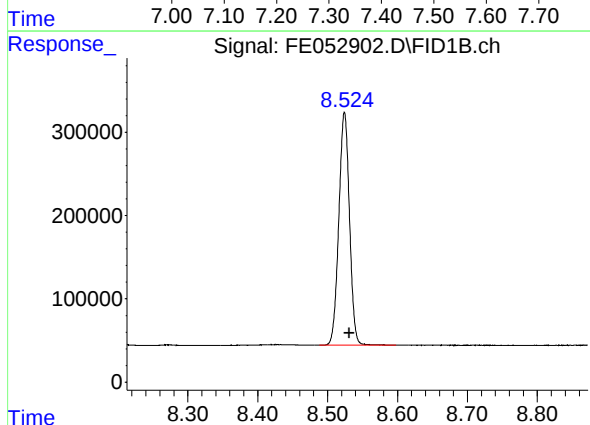
R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 3001659
Conc: 19.28 ug/ml



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

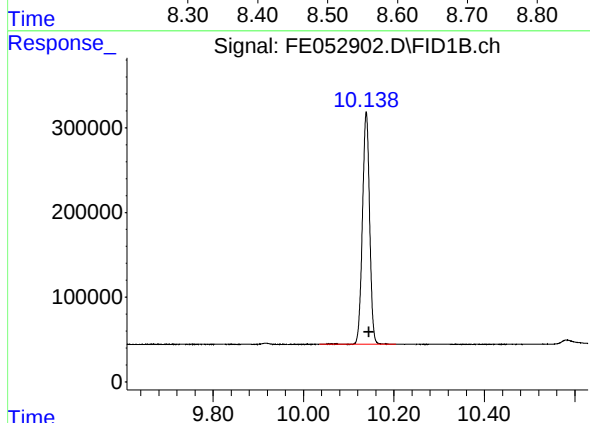
R.T.: 7.322 min
Delta R.T.: -0.008 min
Response: 3086381
Conc: 19.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



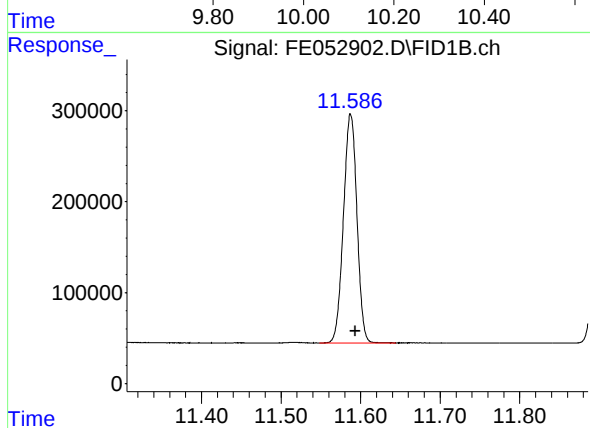
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.007 min
Response: 2962844
Conc: 19.58 ug/ml



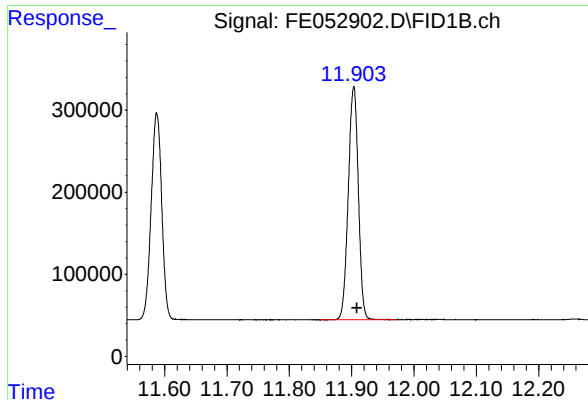
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.006 min
Response: 3010768
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

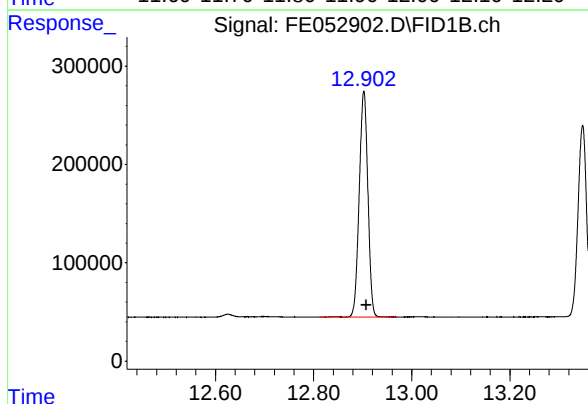
R.T.: 11.588 min
Delta R.T.: -0.006 min
Response: 2966662
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

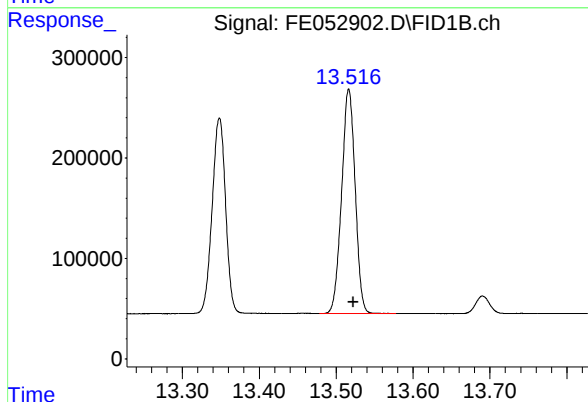
R.T.: 11.903 min
Delta R.T.: -0.005 min
Response: 3183184
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



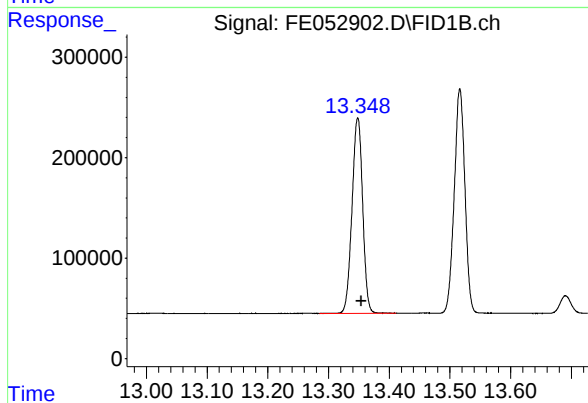
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: -0.005 min
Response: 2811202
Conc: 19.36 ug/ml



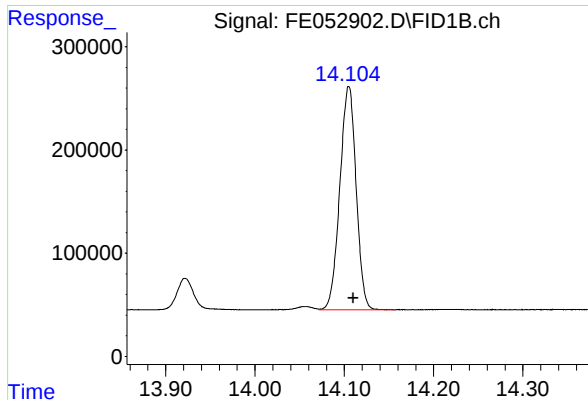
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.006 min
Response: 2730215
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

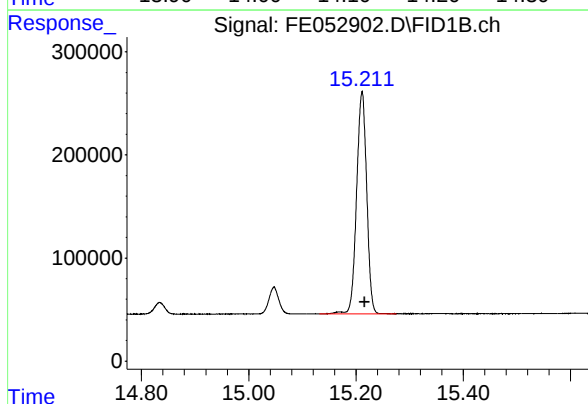
R.T.: 13.348 min
Delta R.T.: -0.006 min
Response: 2370469
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

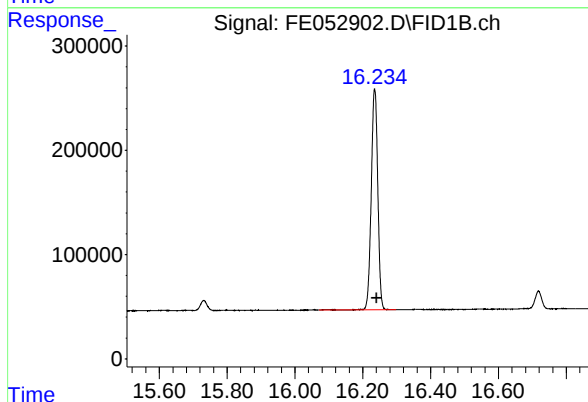
R.T.: 14.105 min
Delta R.T.: -0.005 min
Response: 2741787
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



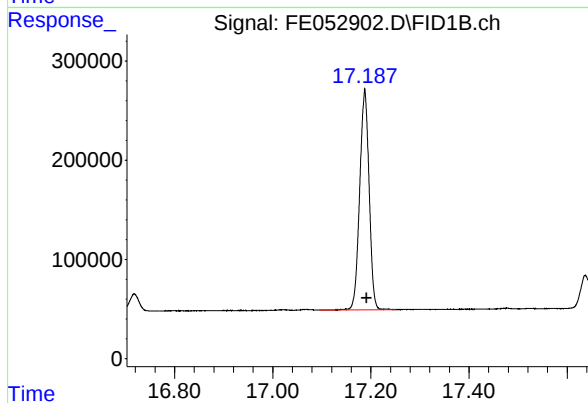
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.005 min
Response: 2816187
Conc: 19.68 ug/ml



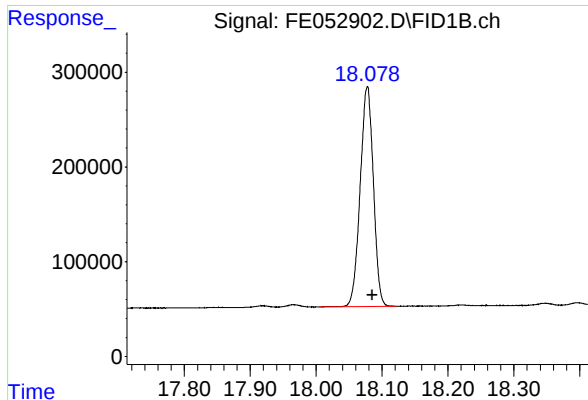
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.005 min
Response: 2827178
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

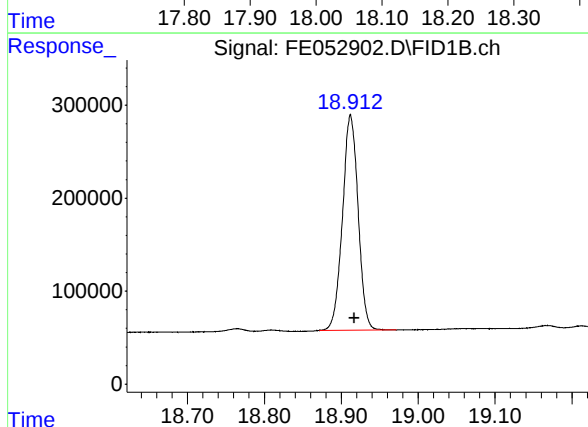
R.T.: 17.188 min
Delta R.T.: -0.005 min
Response: 2943246
Conc: 20.70 ug/ml



#17 n-Tricontane (C30)

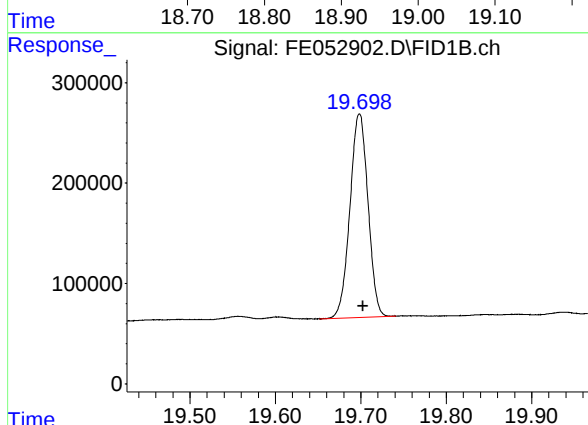
R.T.: 18.078 min
Delta R.T.: -0.007 min
Response: 3232448
Conc: 21.89 ug/ml

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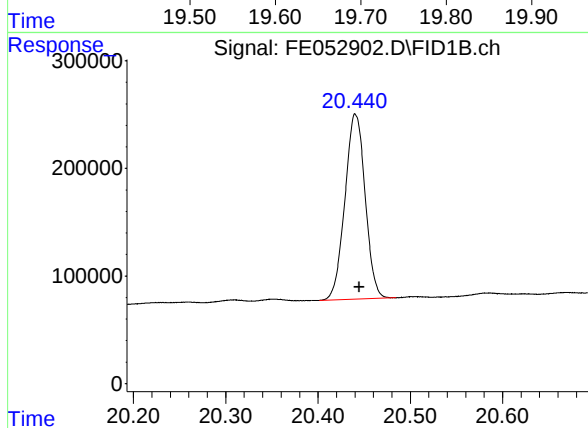
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.005 min
Response: 3267258
Conc: 22.50 ug/ml



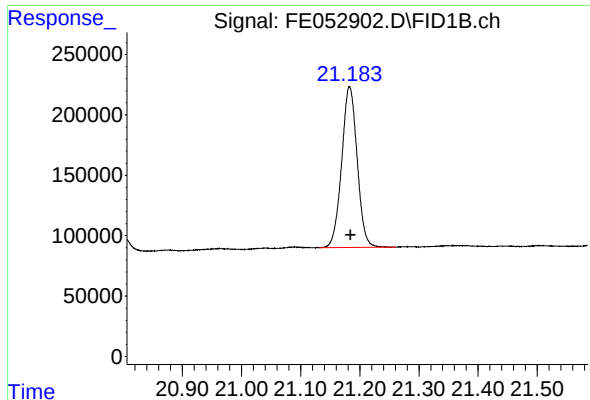
#19 n-Tetatriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.004 min
Response: 2975350
Conc: 22.08 ug/ml



#20 n-Hexatriacontane (C36)

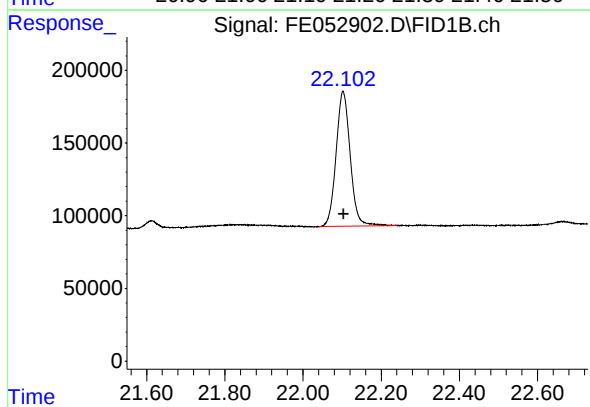
R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 2620553
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.002 min
Response: 2419005
Conc: 21.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.002 min
Response: 2322503
Conc: 21.48 ug/ml