

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052908.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 12:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 22 00:11:05 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	2797948	16.597 ug/ml
Spiked Amount 50.000		Recovery =	33.19%
12) S 1-chlorooctadecane (S...	13.347	2094116	17.246 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
Target Compounds			
1) T n-Nonane (C9)	3.245	2532879	16.336 ug/ml
2) T n-Decane (C10)	4.506	2659109	16.927 ug/ml
3) T A~Naphthalene (C11.7)	6.219	2853978	16.828 ug/ml
4) T n-Dodecane (C12)	6.687	2654585	17.049 ug/ml
5) T A~2-methylnaphthalene...	7.321	2739796	16.906 ug/ml
6) T n-Tetradecane (C14)	8.523	2624038	17.342 ug/ml
7) T n-Hexadecane (C16)	10.137	2664437	17.427 ug/ml
8) T n-Octadecane (C18)	11.587	2639208	17.347 ug/ml
10) T n-Eicosane (C20)	12.901	2501019	17.228 ug/ml
11) T n-Heneicosane (C21)	13.515	2440516	17.147 ug/ml
13) T n-Docosane (C22)	14.103	2446016	17.188 ug/ml
14) T n-Tetracosane (C24)	15.210	2501519	17.480 ug/ml
15) T n-Hexacosane (C26)	16.233	2509355	17.647 ug/ml
16) T n-Octacosane (C28)	17.185	2625012	18.461 ug/ml
17) T n-Tricontane (C30)	18.075	2915602	19.740 ug/ml
18) T n-Dotriacontane (C32)	18.910	2960974	20.395 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2630518	19.517 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2264807	19.060 ug/ml
21) T n-Octatriacontane (C38)	21.178	2142970	19.317 ug/ml
22) T n-Tetracontane (C40)	22.098	2032554	18.800 ug/ml

(f)=RT Delta > 1/2 Window

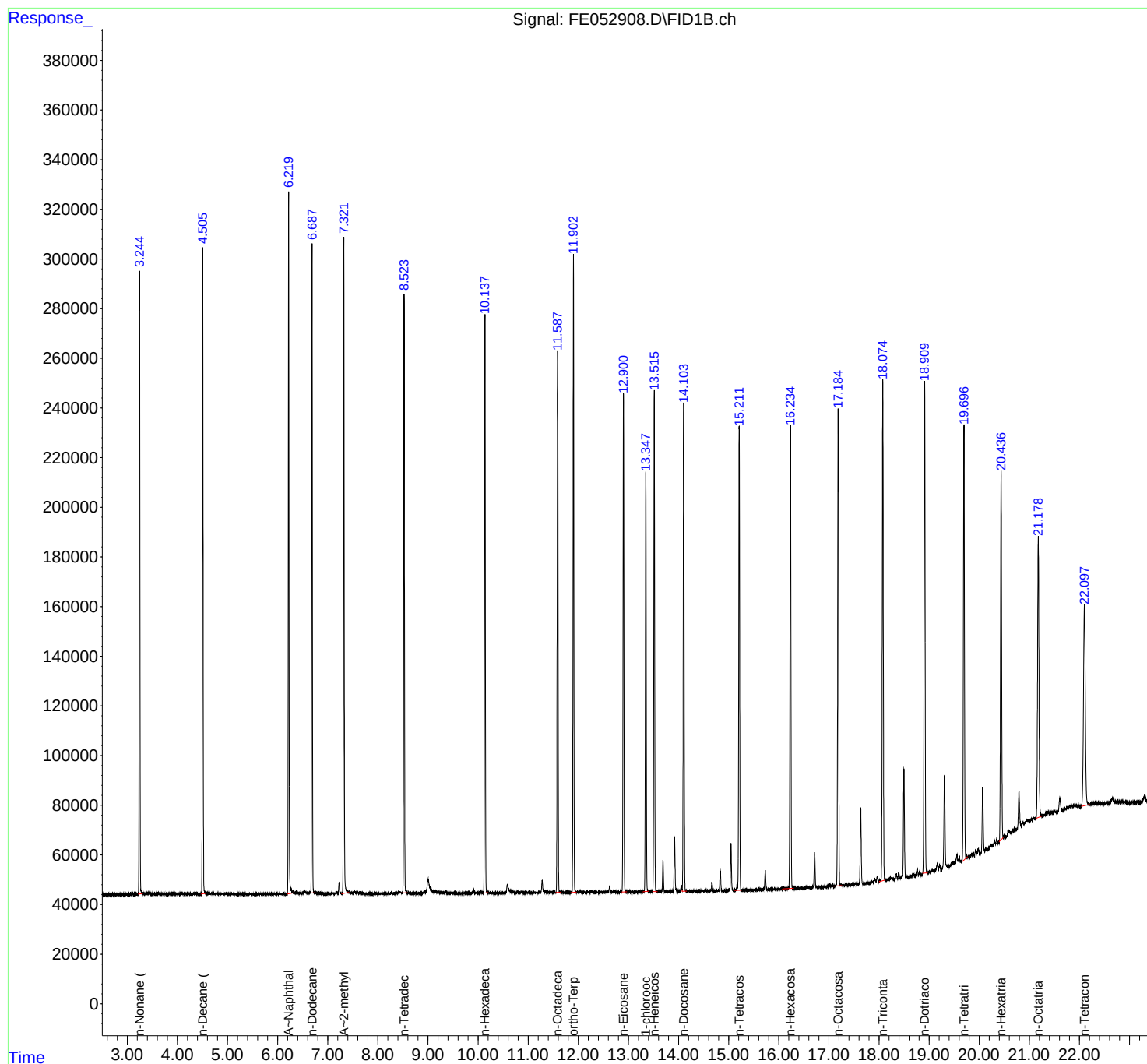
(m)=manual int.

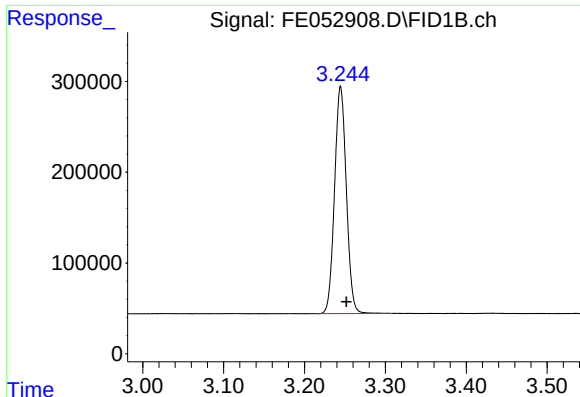
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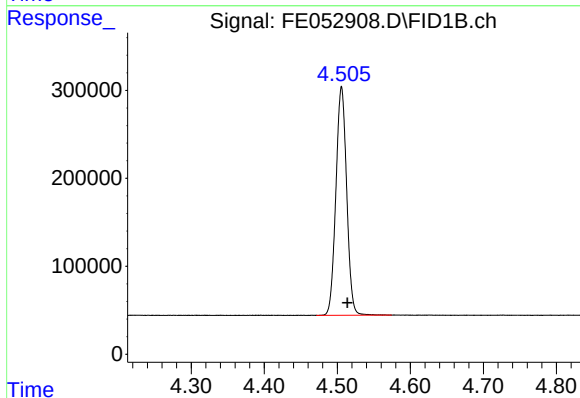




#1 n-Nonane (C9)

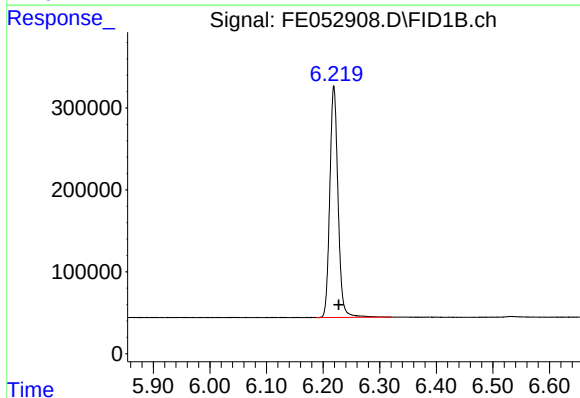
R.T.: 3.245 min
Delta R.T.: -0.007 min
Response: 2532879
Conc: 16.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



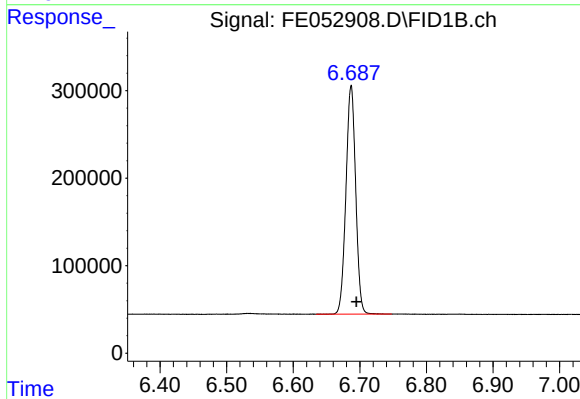
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.008 min
Response: 2659109
Conc: 16.93 ug/ml



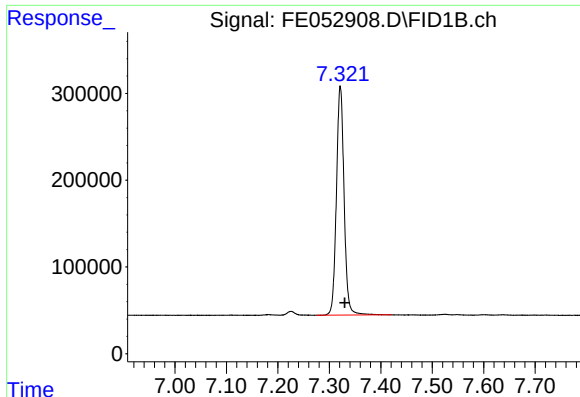
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 2853978
Conc: 16.83 ug/ml



#4 n-Dodecane (C12)

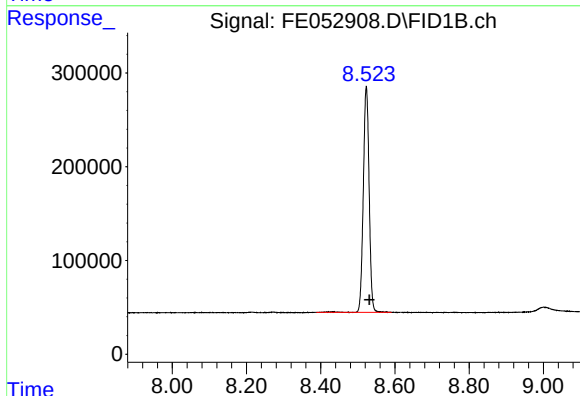
R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 2654585
Conc: 17.05 ug/ml



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

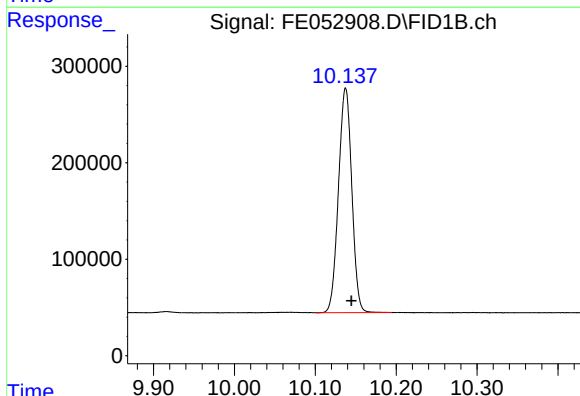
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 2739796
Conc: 16.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



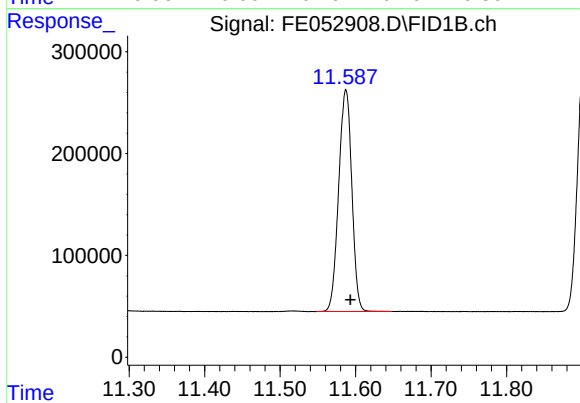
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 2624038
Conc: 17.34 ug/ml



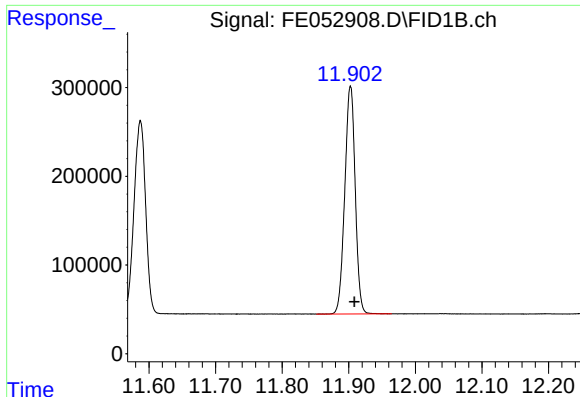
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.007 min
Response: 2664437
Conc: 17.43 ug/ml



#8 n-Octadecane (C18)

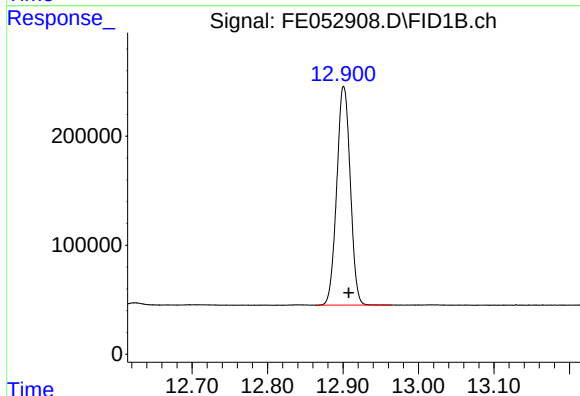
R.T.: 11.587 min
Delta R.T.: -0.006 min
Response: 2639208
Conc: 17.35 ug/ml



#9 ortho-Terphenyl (SURR)

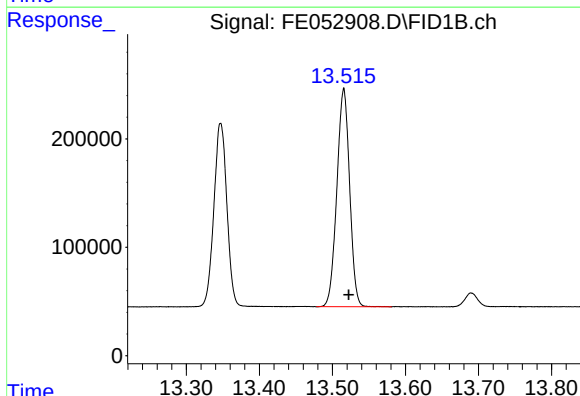
R.T.: 11.903 min
Delta R.T.: -0.006 min
Response: 2797948
Conc: 16.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



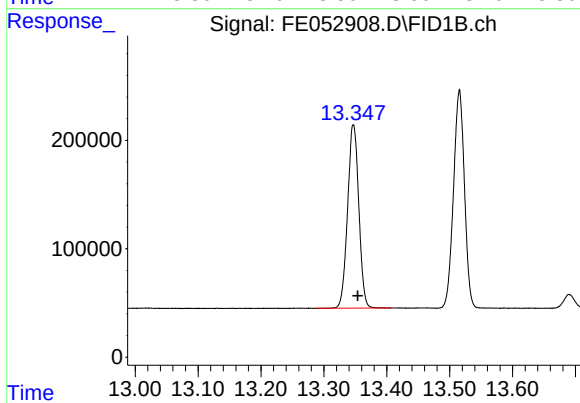
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.007 min
Response: 2501019
Conc: 17.23 ug/ml



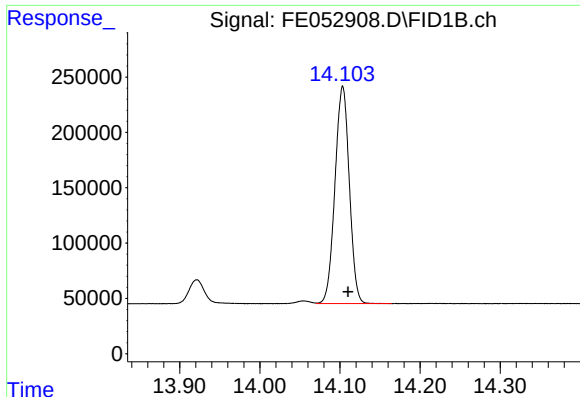
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: -0.007 min
Response: 2440516
Conc: 17.15 ug/ml



#12 1-chlorooctadecane (SURR)

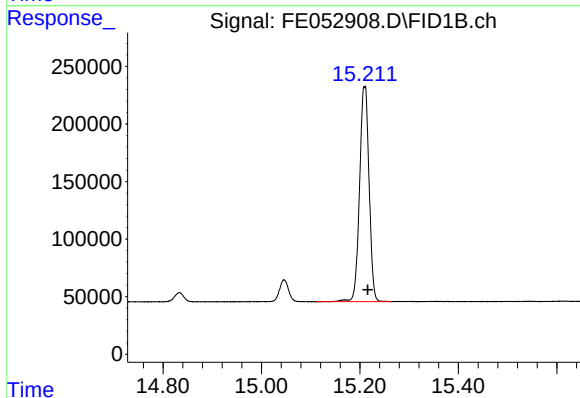
R.T.: 13.347 min
Delta R.T.: -0.007 min
Response: 2094116
Conc: 17.25 ug/ml



#13 n-Docosane (C22)

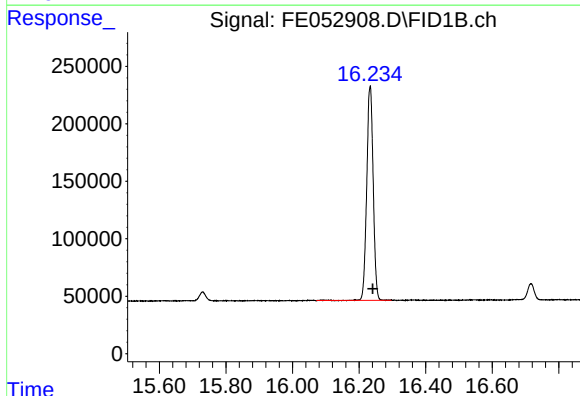
R.T.: 14.103 min
Delta R.T.: -0.007 min
Response: 2446016
Conc: 17.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



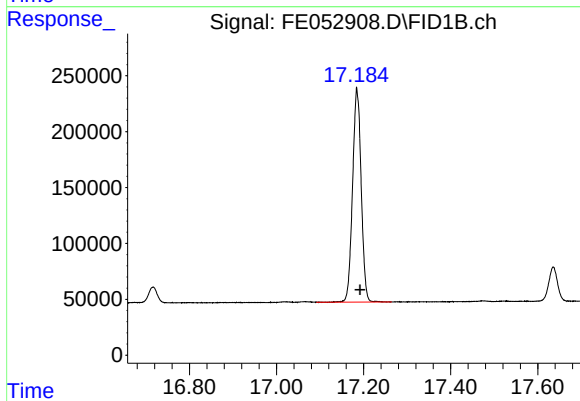
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.007 min
Response: 2501519
Conc: 17.48 ug/ml



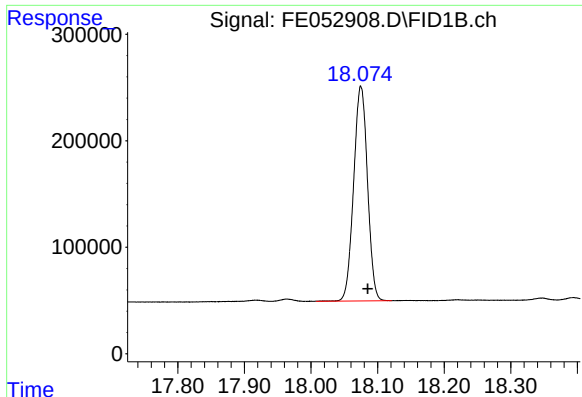
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.008 min
Response: 2509355
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

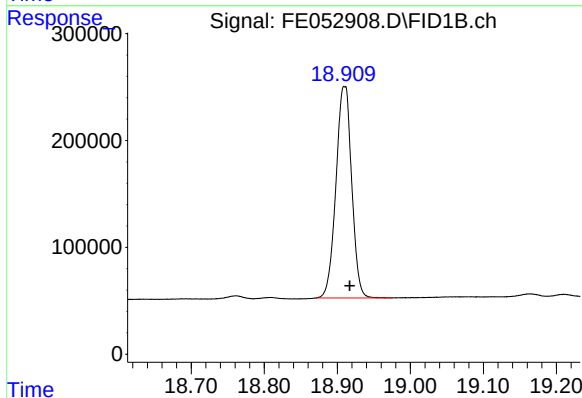
R.T.: 17.185 min
Delta R.T.: -0.007 min
Response: 2625012
Conc: 18.46 ug/ml



#17 n-Tricontane (C30)

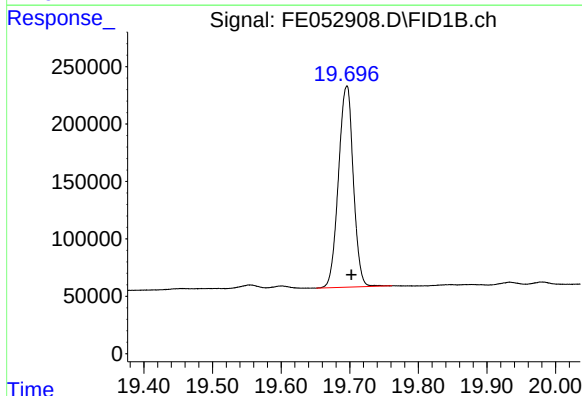
R.T.: 18.075 min
Delta R.T.: -0.010 min
Response: 2915602
Conc: 19.74 ug/ml

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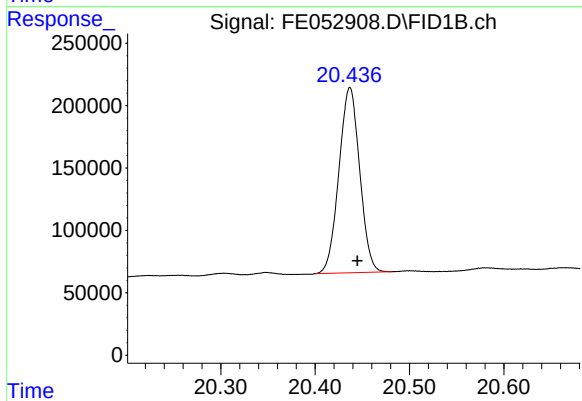
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.007 min
Response: 2960974
Conc: 20.40 ug/ml



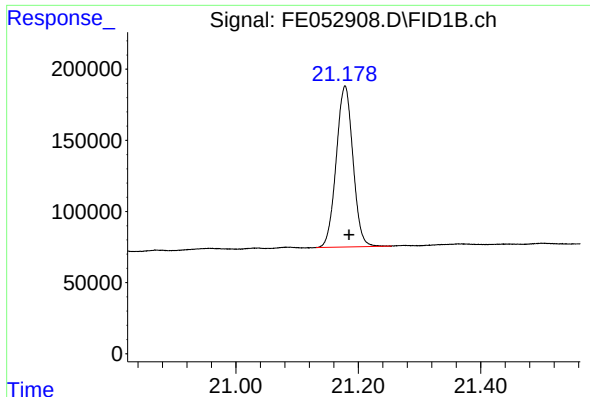
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.007 min
Response: 2630518
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

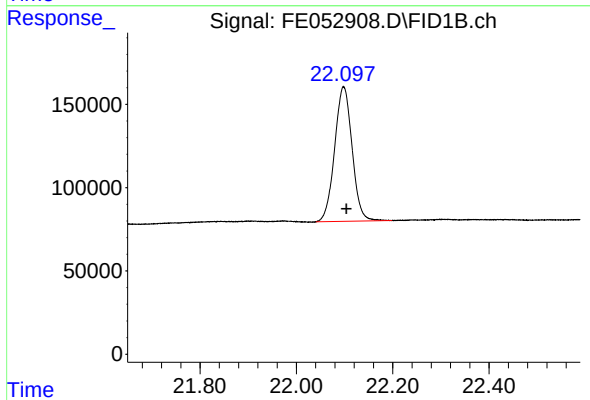
R.T.: 20.437 min
Delta R.T.: -0.008 min
Response: 2264807
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.007 min
Response: 2142970
Conc: 19.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.006 min
Response: 2032554
Conc: 18.80 ug/ml