

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050653.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 00:25
 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: Oct 15 05:36:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.858	3052545	19.362 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	13.290	2295012	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.248	2655385	18.794 ug/ml
2) T n-Decane (C10)	4.498	2741545	19.108 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2738393	19.151 ug/ml
4) T n-Dodecane (C12)	6.665	2751944	19.120 ug/ml
5) T A~2-methylnaphthalene...	7.304	2544946	19.210 ug/ml
6) T n-Tetradecane (C14)	8.491	2741614	19.163 ug/ml
7) T n-Hexadecane (C16)	10.097	2833124	19.251 ug/ml
8) T n-Octadecane (C18)	11.538	2903730	19.440 ug/ml
10) T n-Eicosane (C20)	12.845	2775294	19.353 ug/ml
11) T n-Heneicosane (C21)	13.455	2720174	19.370 ug/ml
13) T n-Docosane (C22)	14.042	2707765	19.300 ug/ml
14) T n-Tetracosane (C24)	15.143	2713685	19.208 ug/ml
15) T n-Hexacosane (C26)	16.161	2727930	19.386 ug/ml
16) T n-Octacosane (C28)	17.109	2867410	19.595 ug/ml
17) T n-Tricontane (C30)	17.997	3214895	20.219 ug/ml
18) T n-Dotriacontane (C32)	18.829	3309392	20.414 ug/ml
19) T n-Tetratriacontane (C34)	19.611	2978005	20.274 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2518706	19.861 ug/ml
21) T n-Octatriacontane (C38)	21.073	2233326	18.062 ug/ml
22) T n-Tetracontane (C40)	21.957	2045233	18.368 ug/ml

(f)=RT Delta > 1/2 Window

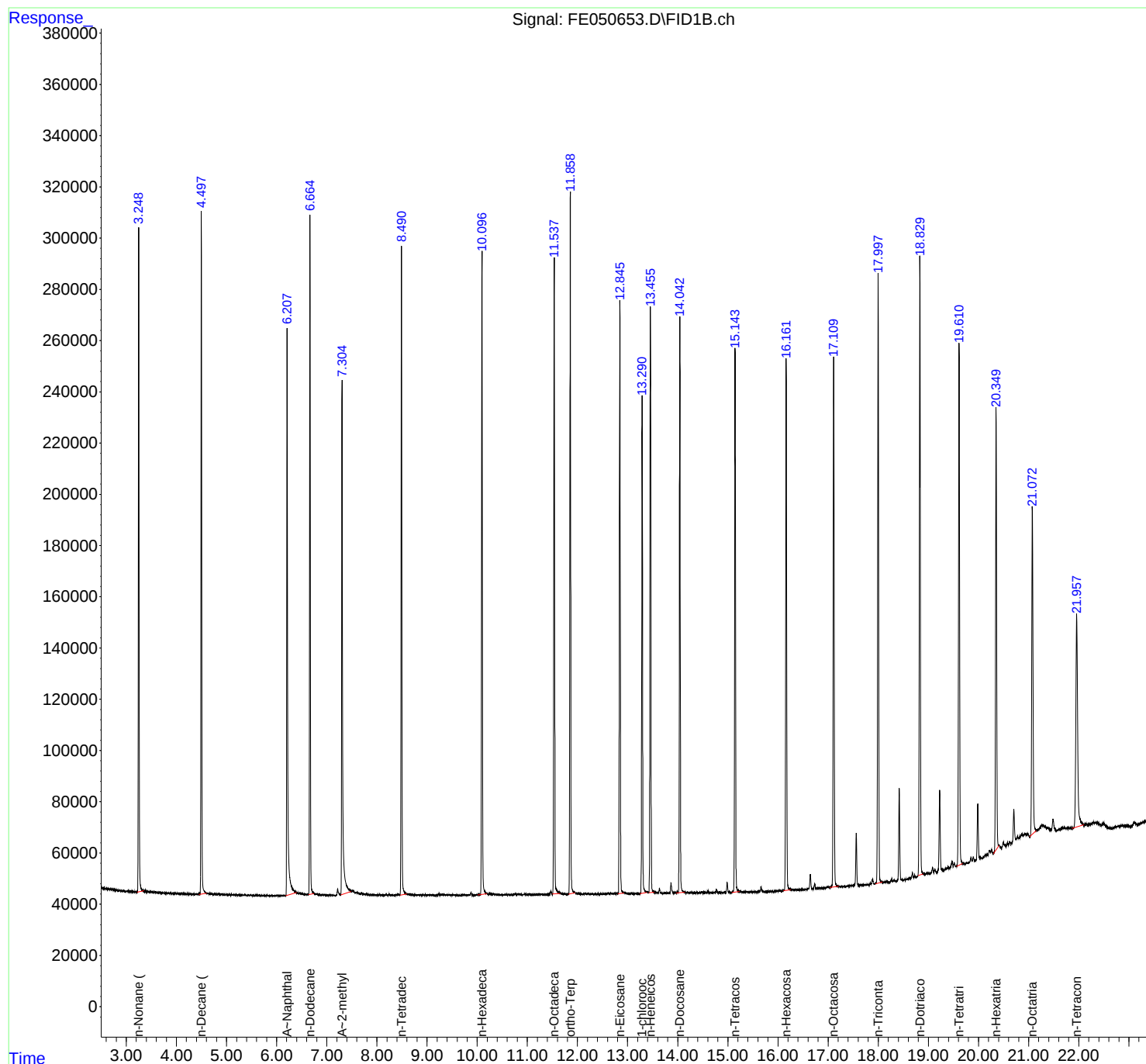
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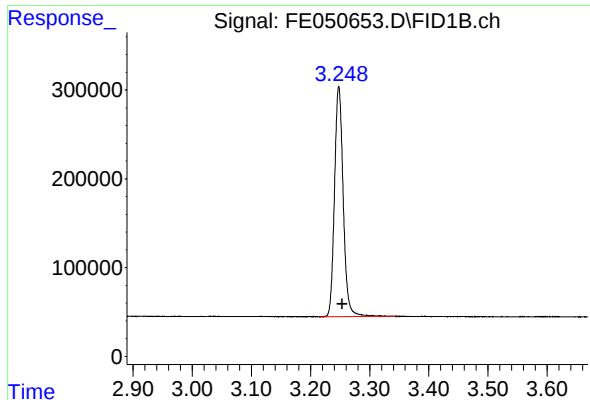
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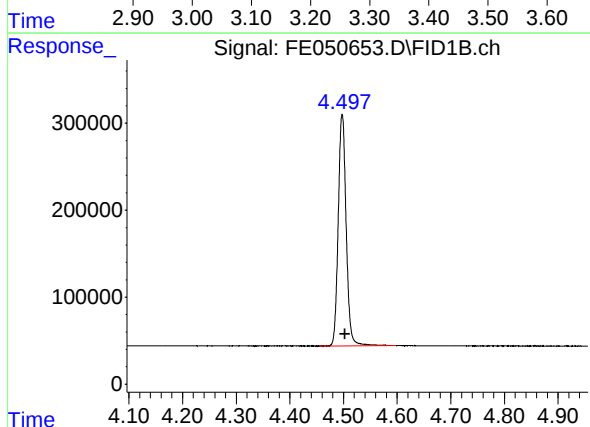




#1 n-Nonane (C9)

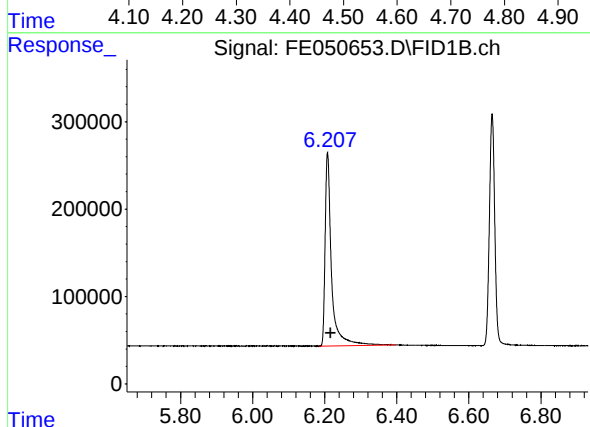
R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 2655385
Conc: 18.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



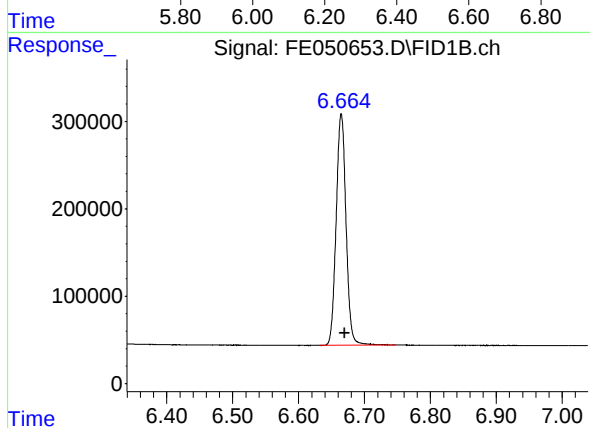
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 2741545
Conc: 19.11 ug/ml



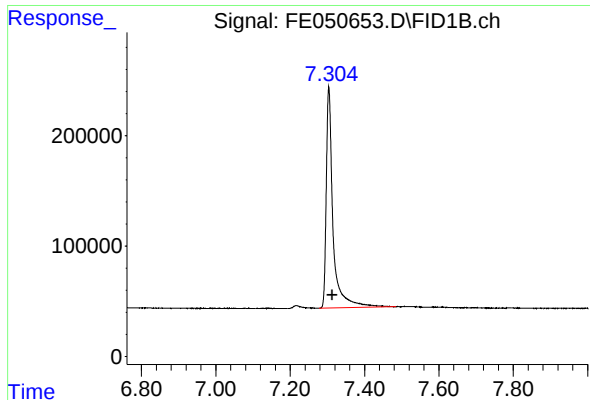
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.008 min
Response: 2738393
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

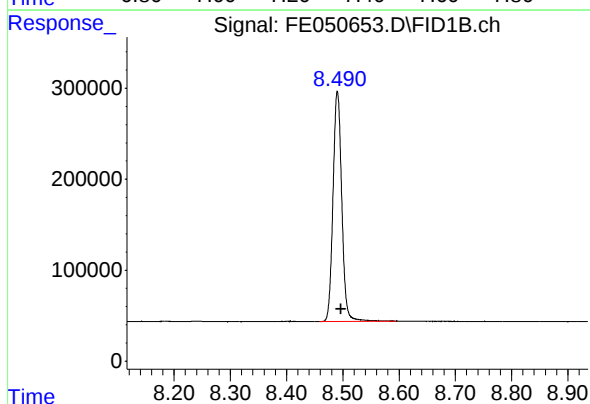
R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 2751944
Conc: 19.12 ug/ml



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

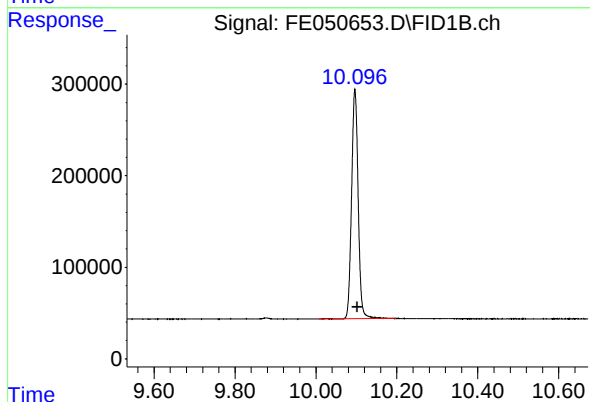
R.T.: 7.304 min
Delta R.T.: -0.008 min
Response: 2544946
Conc: 19.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



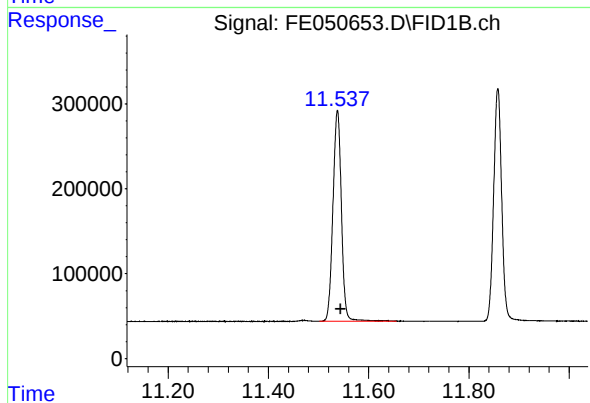
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.006 min
Response: 2741614
Conc: 19.16 ug/ml



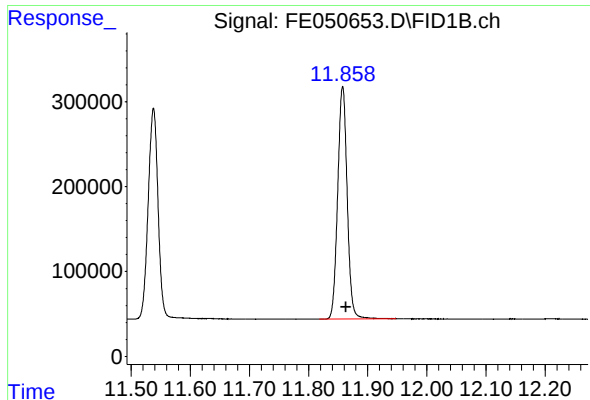
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.006 min
Response: 2833124
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

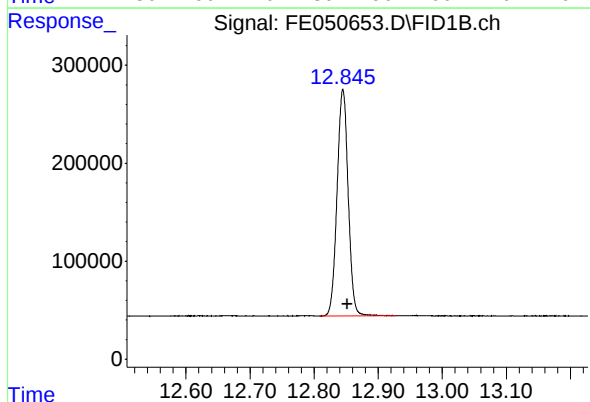
R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 2903730
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

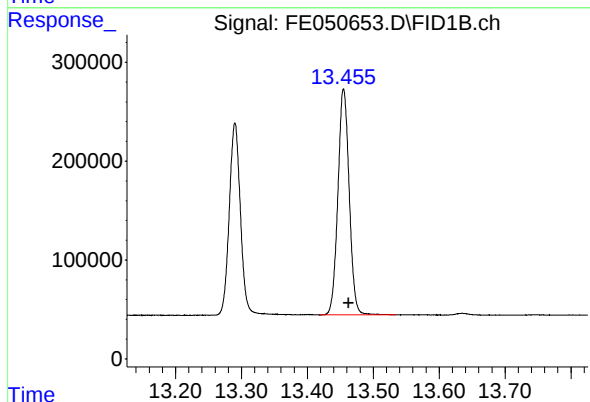
R.T.: 11.858 min
Delta R.T.: -0.006 min
Response: 3052545
Conc: 19.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



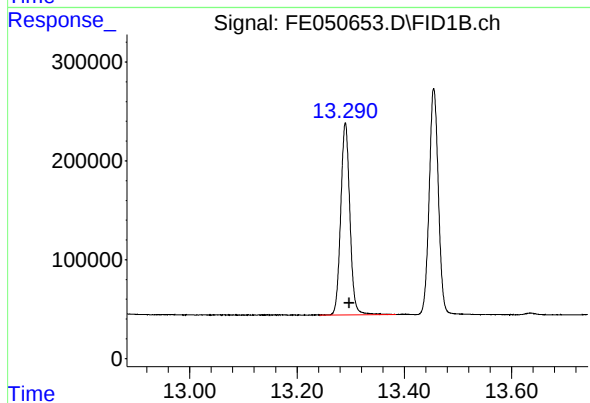
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.007 min
Response: 2775294
Conc: 19.35 ug/ml



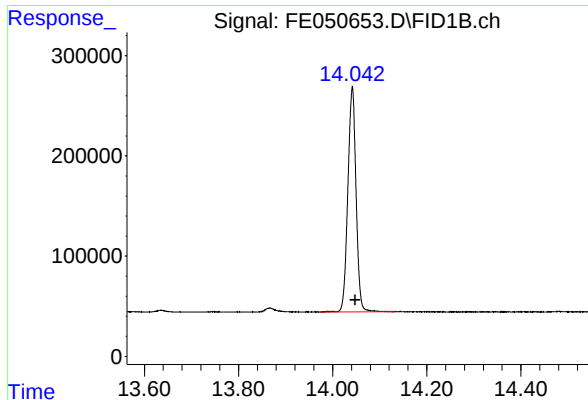
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 2720174
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

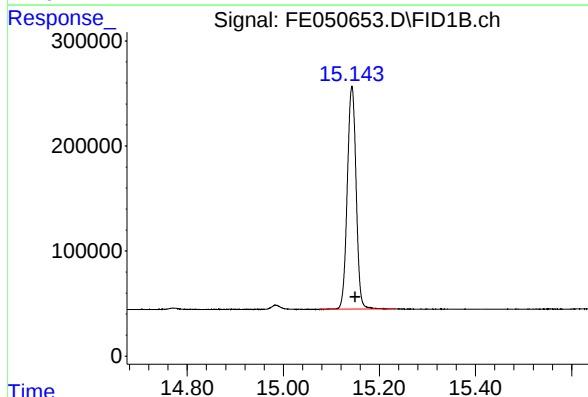
R.T.: 13.290 min
Delta R.T.: -0.008 min
Response: 2295012
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

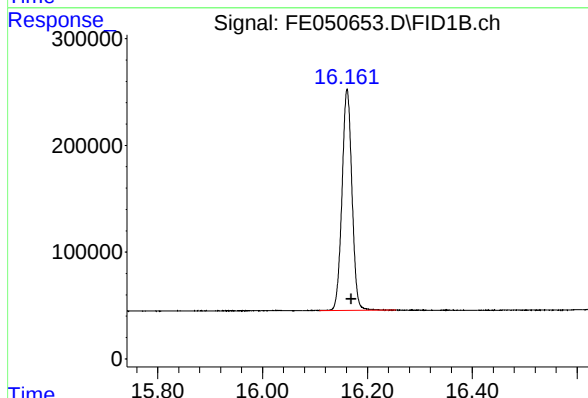
R.T.: 14.042 min
Delta R.T.: -0.006 min
Response: 2707765
Conc: 19.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



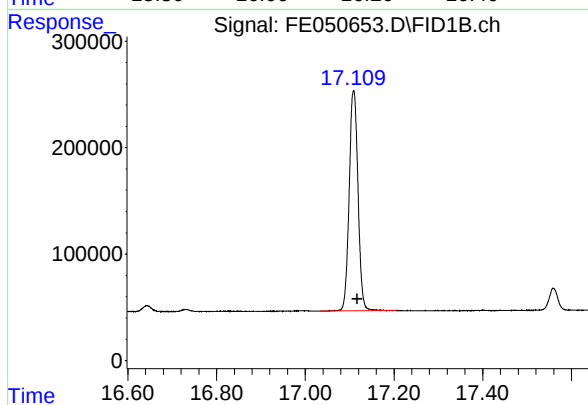
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.007 min
Response: 2713685
Conc: 19.21 ug/ml



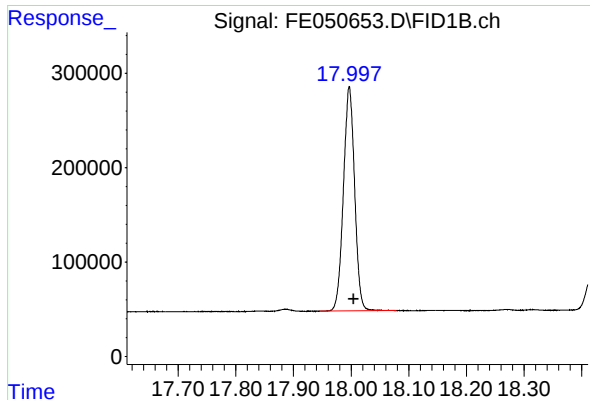
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 2727930
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

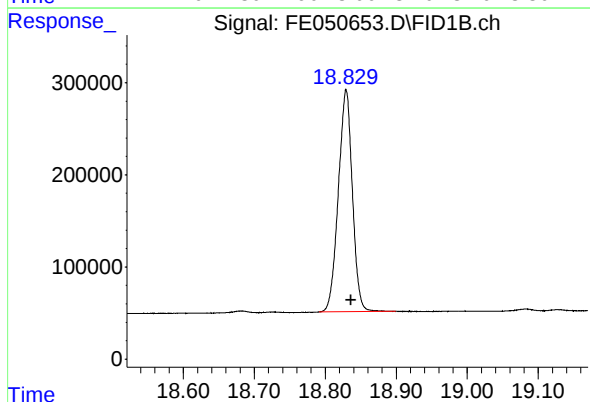
R.T.: 17.109 min
Delta R.T.: -0.008 min
Response: 2867410
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

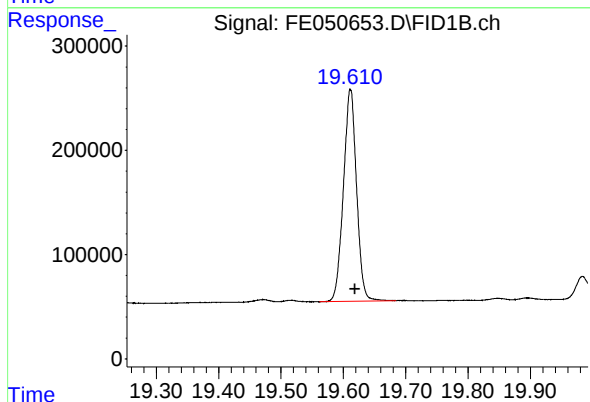
R.T.: 17.997 min
Delta R.T.: -0.007 min
Response: 3214895
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



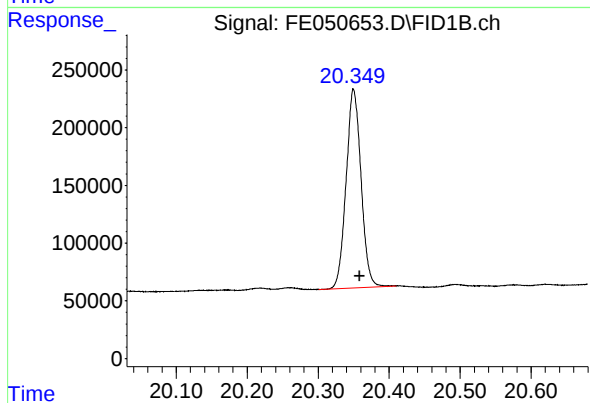
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.007 min
Response: 3309392
Conc: 20.41 ug/ml



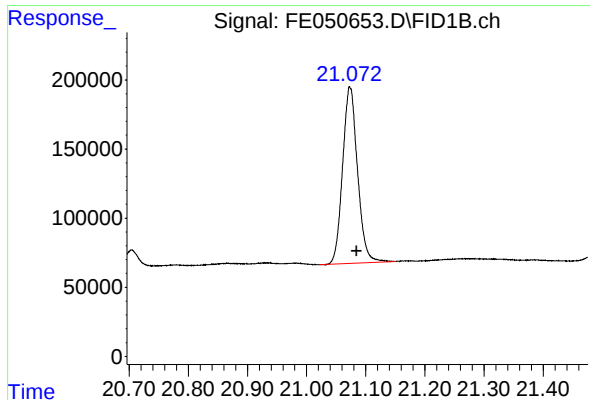
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.007 min
Response: 2978005
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

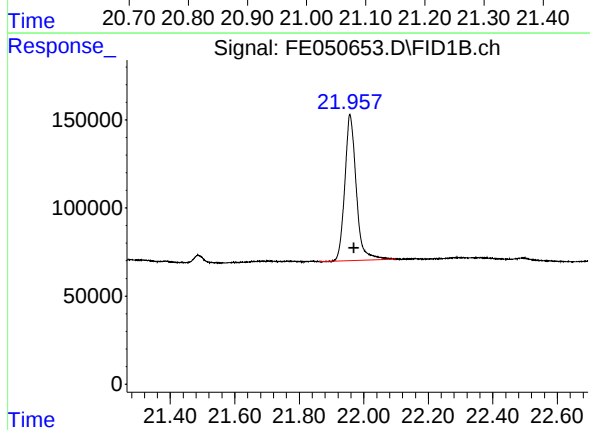
R.T.: 20.350 min
Delta R.T.: -0.008 min
Response: 2518706
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 2233326
Conc: 18.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.012 min
Response: 2045233
Conc: 18.37 ug/ml