

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
 Data File : FE054740.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2025 14:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 09 06:38:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.082	3163856	19.483 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	13.518	2416769	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.422	2740864	20.377 ug/ml
2) T n-Decane (C10)	4.680	2847305	20.867 ug/ml
3) T A~Naphthalene (C11.7)	6.397	3156948	20.850 ug/ml
4) T n-Dodecane (C12)	6.854	2906387	21.183 ug/ml
5) T A~2-methylnaphthalene...	7.498	3073994	20.911 ug/ml
6) T n-Tetradecane (C14)	8.691	2925868	21.106 ug/ml
7) T n-Hexadecane (C16)	10.306	2969127	20.835 ug/ml
8) T n-Octadecane (C18)	11.755	2961445	20.207 ug/ml
10) T n-Eicosane (C20)	13.070	2838852	19.743 ug/ml
11) T n-Heneicosane (C21)	13.684	2739375	19.179 ug/ml
13) T n-Docosane (C22)	14.272	2834539	19.851 ug/ml
14) T n-Tetracosane (C24)	15.378	2972058	20.446 ug/ml
15) T n-Hexacosane (C26)	16.402	3075218	21.250 ug/ml
16) T n-Octacosane (C28)	17.354	3187514	21.871 ug/ml
17) T n-Tricontane (C30)	18.244	3331120	21.139 ug/ml
18) T n-Dotriacontane (C32)	19.078	3182441	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2835734	18.608 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2489334	18.514 ug/ml
21) T n-Octatriacontane (C38)	21.385	2382756	20.316 ug/ml
22) T n-Tetracontane (C40)	22.378	2283518	21.069 ug/ml

(f)=RT Delta > 1/2 Window

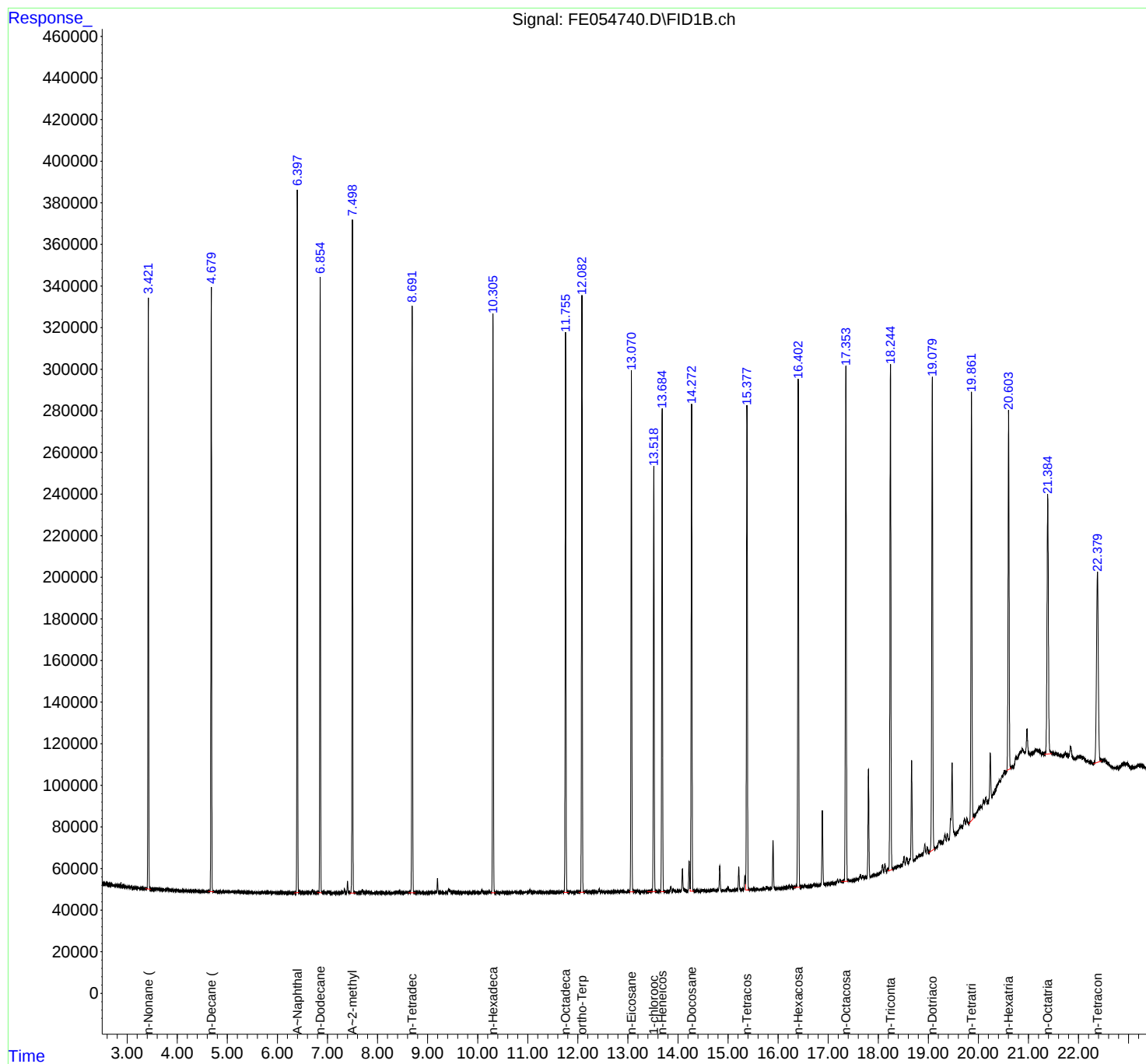
(m)=manual int.

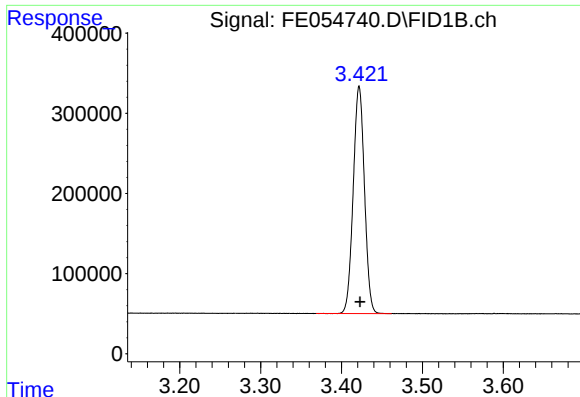
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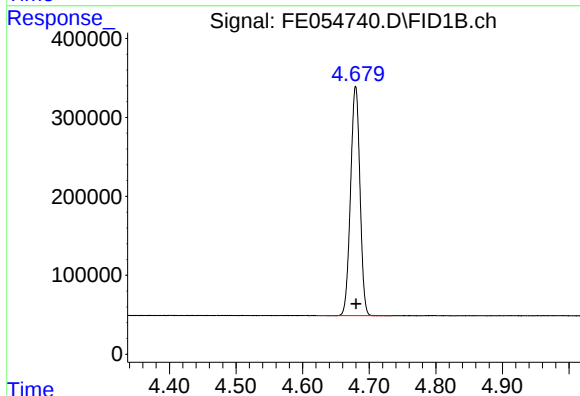




#1 n-Nonane (C9)

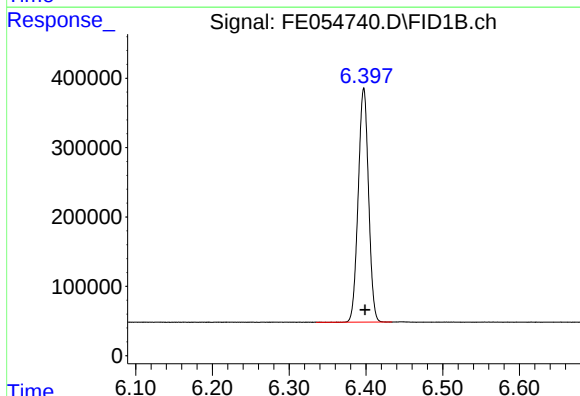
R.T.: 3.422 min
Delta R.T.: -0.001 min
Response: 2740864
Conc: 20.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



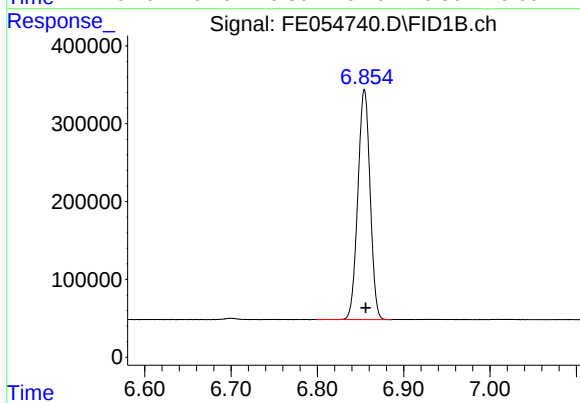
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2847305
Conc: 20.87 ug/ml



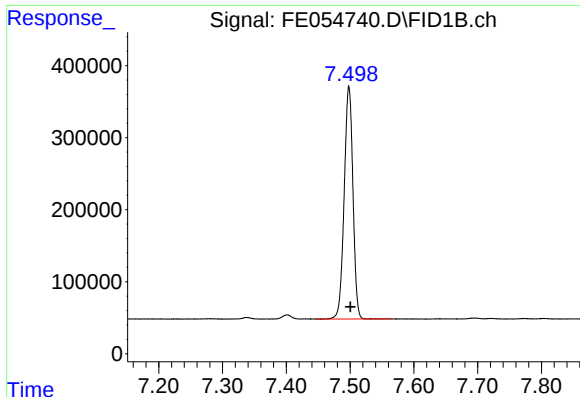
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 3156948
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

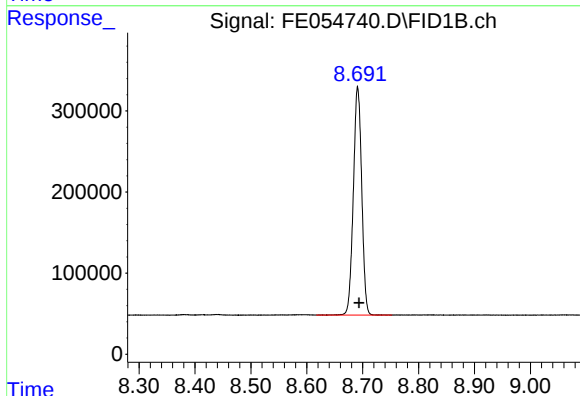
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2906387
Conc: 21.18 ug/ml



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

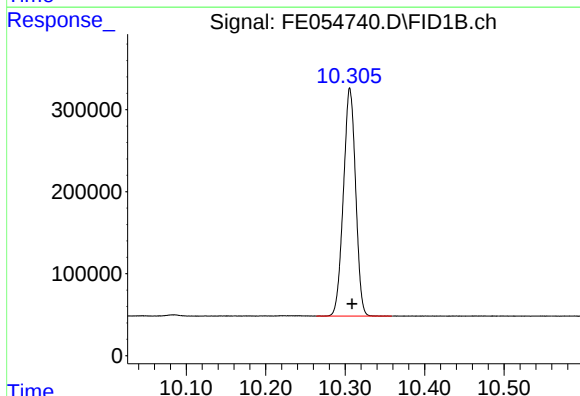
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 3073994
Conc: 20.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



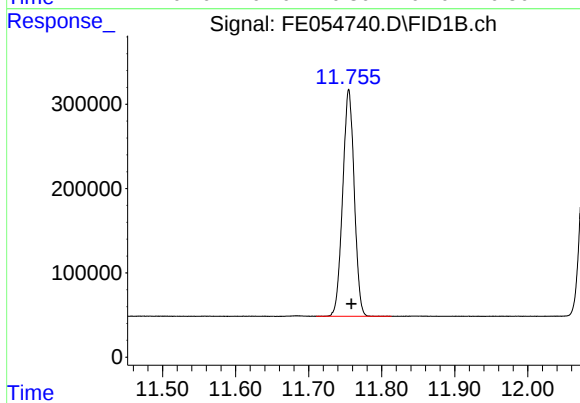
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2925868
Conc: 21.11 ug/ml



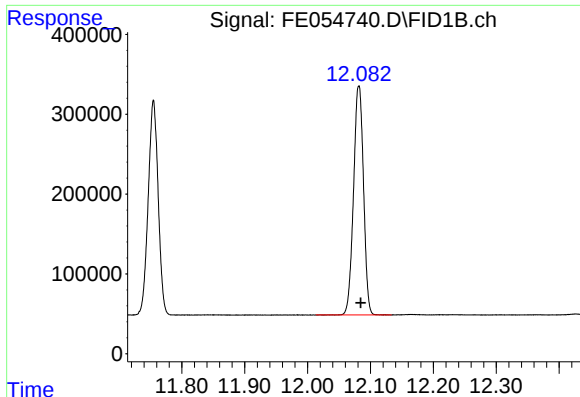
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 2969127
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

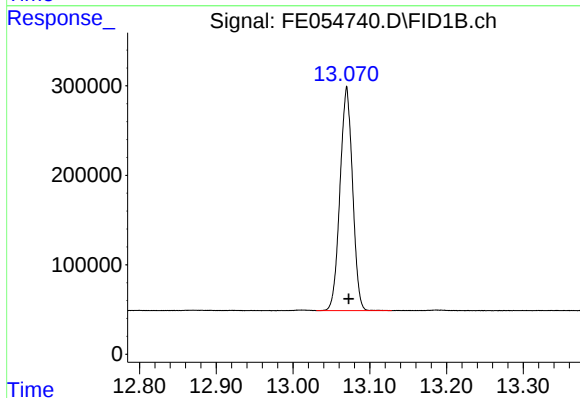
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 2961445
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

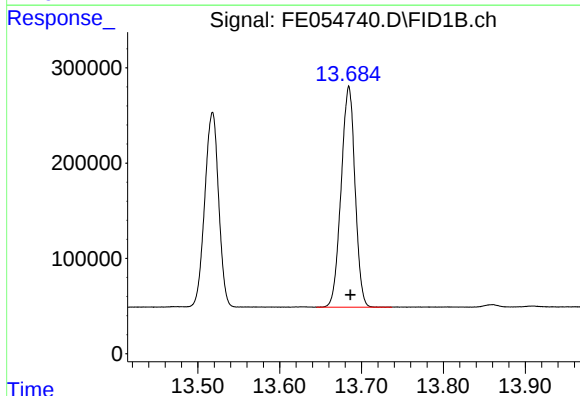
R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 3163856
Conc: 19.48 ug/ml

Instrument :
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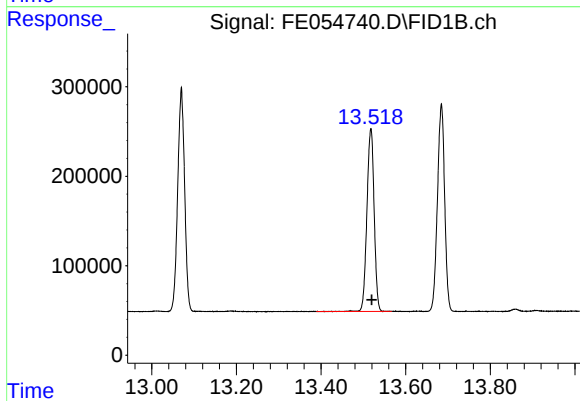
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 2838852
Conc: 19.74 ug/ml



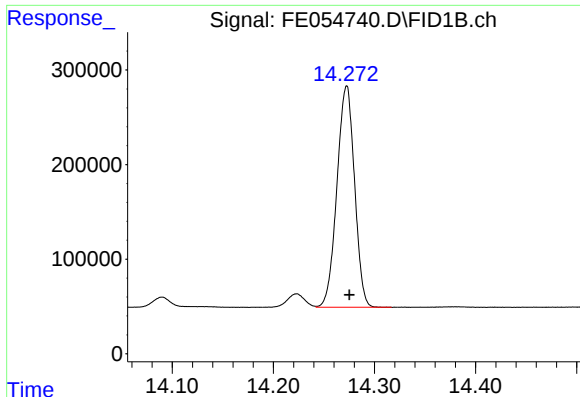
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 2739375
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

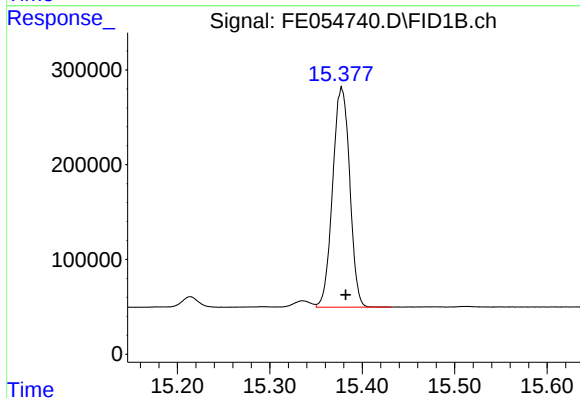
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2416769
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

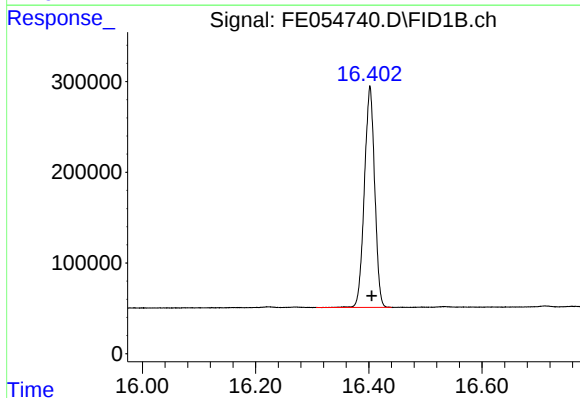
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 2834539
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



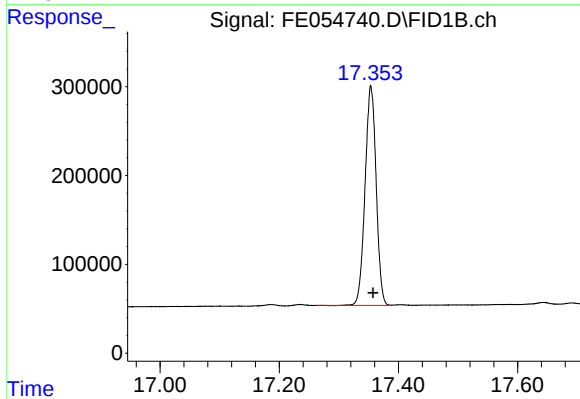
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.005 min
Response: 2972058
Conc: 20.45 ug/ml



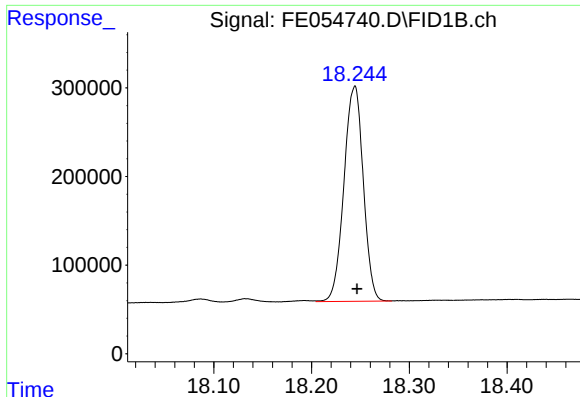
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 3075218
Conc: 21.25 ug/ml



#16 n-Octacosane (C28)

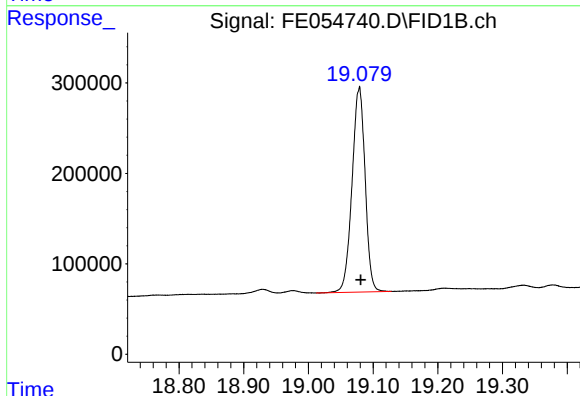
R.T.: 17.354 min
Delta R.T.: -0.004 min
Response: 3187514
Conc: 21.87 ug/ml



#17 n-Tricontane (C30)

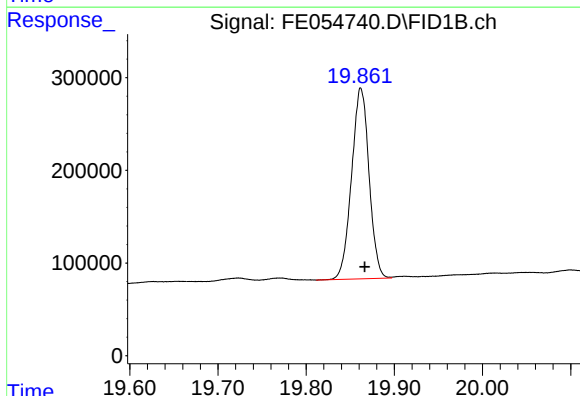
R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 3331120
Conc: 21.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



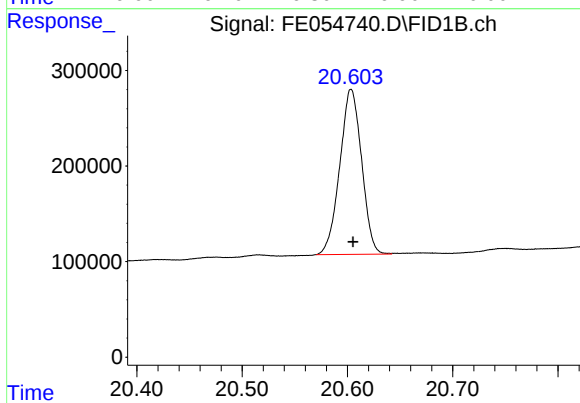
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 3182441
Conc: 19.67 ug/ml



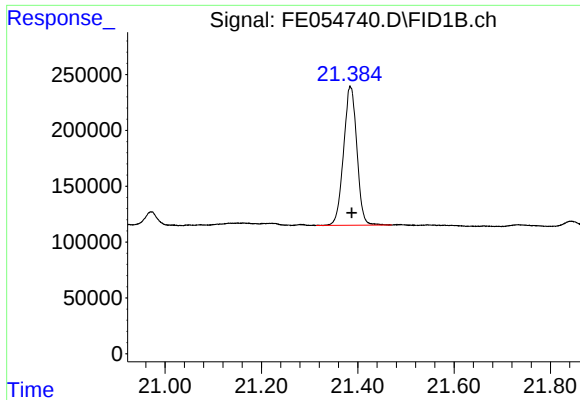
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 2835734
Conc: 18.61 ug/ml



#20 n-Hexatriacontane (C36)

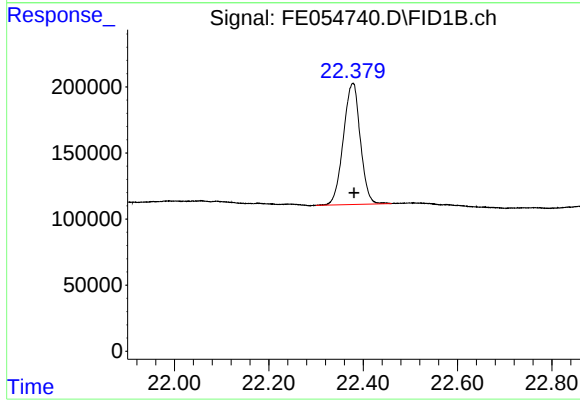
R.T.: 20.604 min
Delta R.T.: -0.002 min
Response: 2489334
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 2382756
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 2283518
Conc: 21.07 ug/ml