

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054772.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 08:33
 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: sample.E
 Quant Time: Jul 11 05:13:29 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)	12.079	3114091	19.176 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.514	2360936	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.419	2643015	19.649 ug/ml
2) T n-Decane (C10)	4.677	2779142	20.368 ug/ml
3) T A~Naphthalene (C11.7)	6.394	3092663	20.425 ug/ml
4) T n-Dodecane (C12)	6.852	2850174	20.773 ug/ml
5) T A~2-methylnaphthalene...	7.495	3011649	20.487 ug/ml
6) T n-Tetradecane (C14)	8.689	2870406	20.706 ug/ml
7) T n-Hexadecane (C16)	10.304	2920422	20.493 ug/ml
8) T n-Octadecane (C18)	11.753	2910822	19.862 ug/ml
10) T n-Eicosane (C20)	13.067	2790933	19.409 ug/ml
11) T n-Heneicosane (C21)	13.681	2690748	18.838 ug/ml
13) T n-Docosane (C22)	14.269	2793730	19.566 ug/ml
14) T n-Tetracosane (C24)	15.375	2952781	20.313 ug/ml
15) T n-Hexacosane (C26)	16.399	3076947	21.262 ug/ml
16) T n-Octacosane (C28)	17.352	3204943	21.991 ug/ml
17) T n-Tricontane (C30)	18.240	3398034	21.563 ug/ml
18) T n-Dotriacontane (C32)	19.074	3293378	20.356 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2932243	19.242 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2628876	19.552 ug/ml
21) T n-Octatriacontane (C38)	21.380	2539284	21.651 ug/ml
22) T n-Tetracontane (C40)	22.371	2330236	21.500 ug/ml

(f)=RT Delta > 1/2 Window

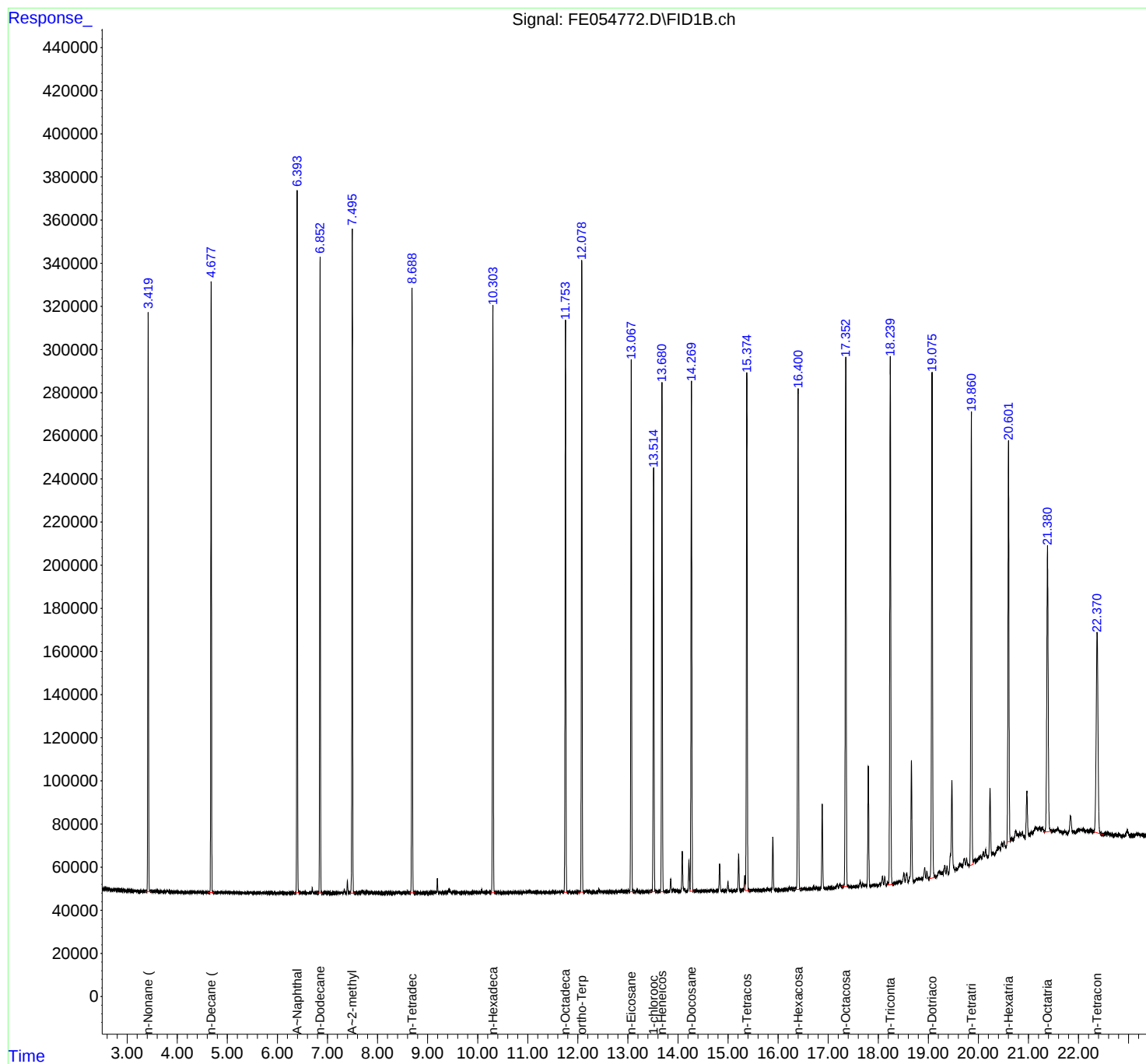
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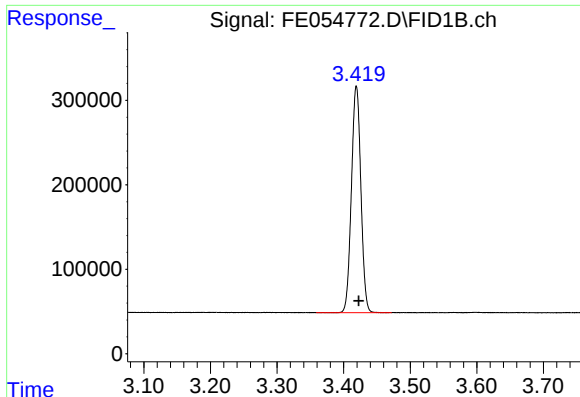
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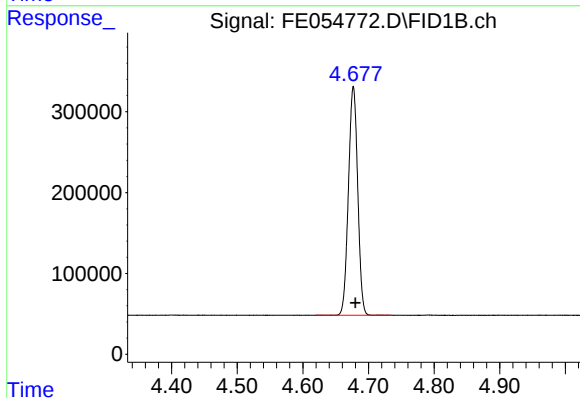




#1 n-Nonane (C9)

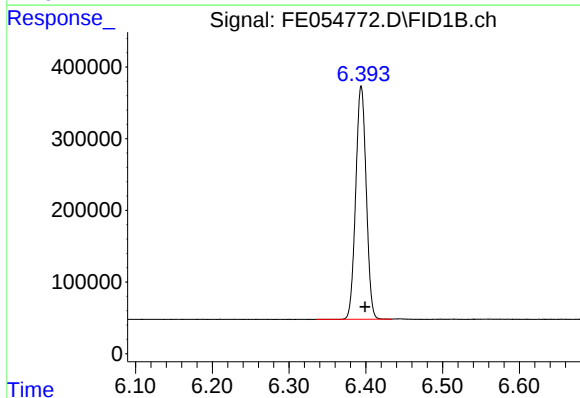
R.T.: 3.419 min
Delta R.T.: -0.004 min
Response: 2643015
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



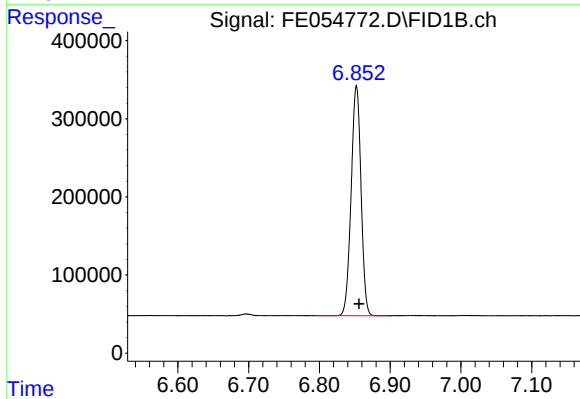
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2779142
Conc: 20.37 ug/ml



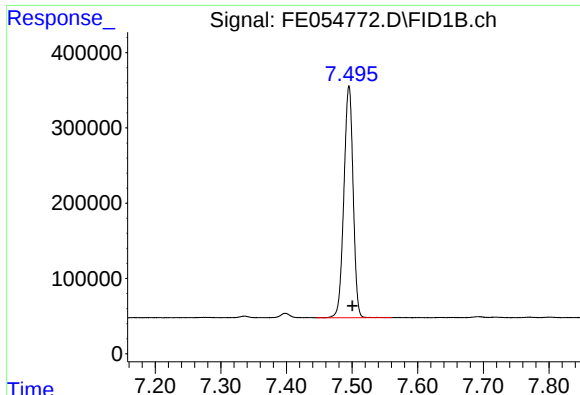
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 3092663
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

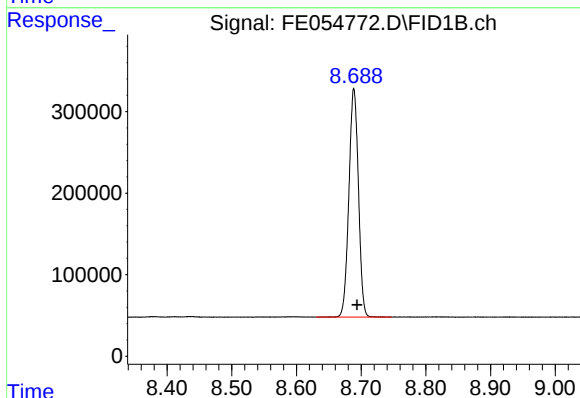
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 2850174
Conc: 20.77 ug/ml



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

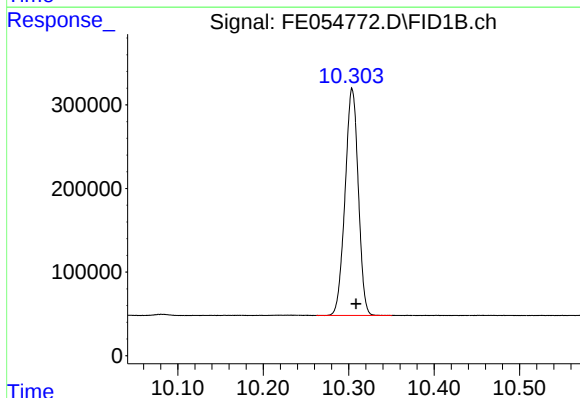
R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 3011649
Conc: 20.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



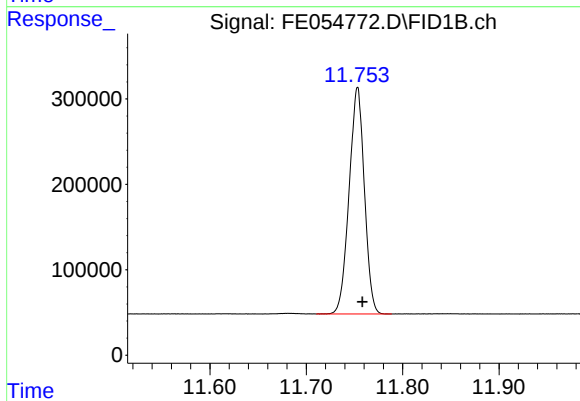
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 2870406
Conc: 20.71 ug/ml



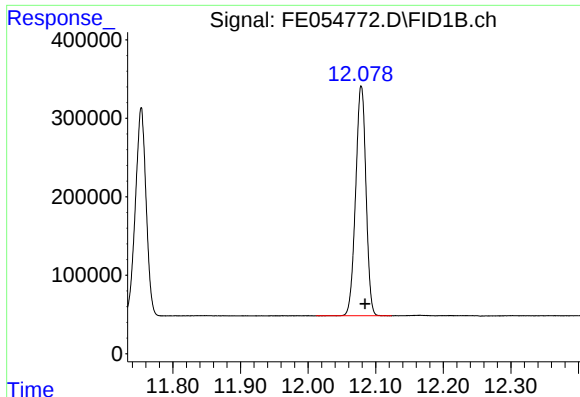
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 2920422
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

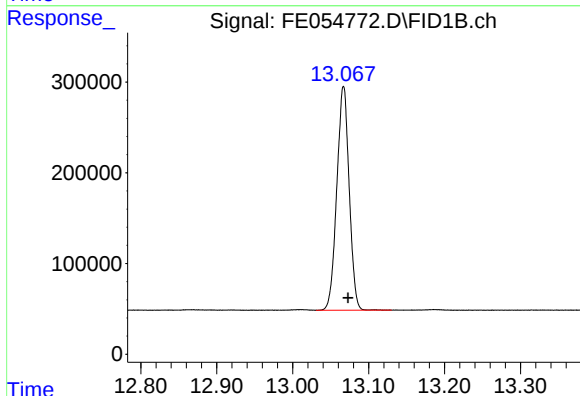
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 2910822
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

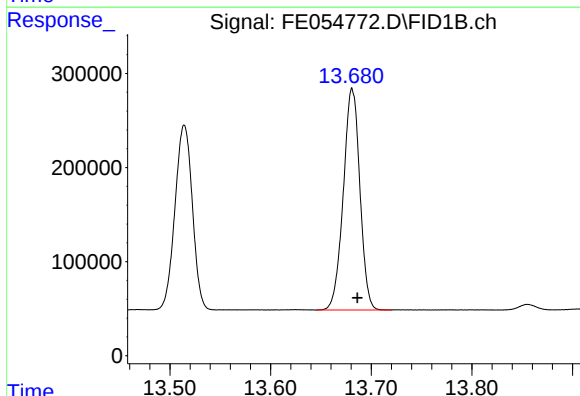
R.T.: 12.079 min
Delta R.T.: -0.006 min
Response: 3114091
Conc: 19.18 ug/ml

Instrument :
FID_E
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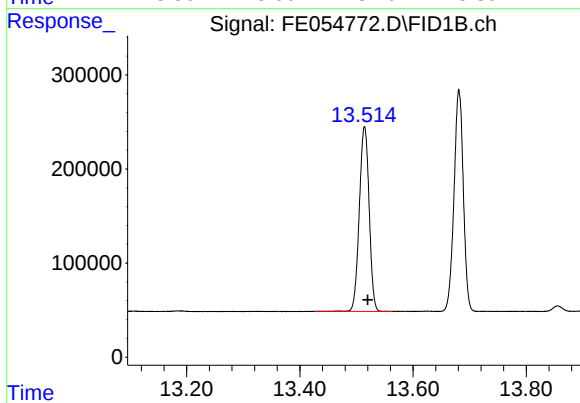
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 2790933
Conc: 19.41 ug/ml



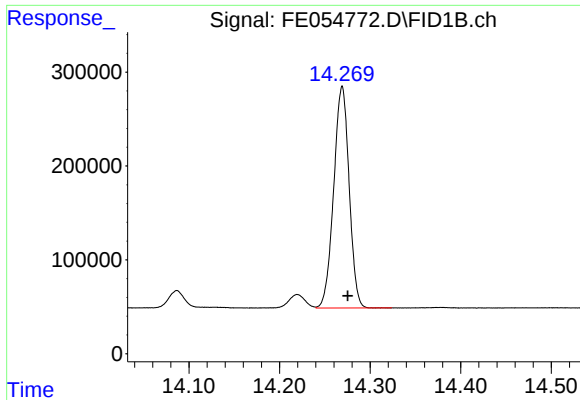
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.005 min
Response: 2690748
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

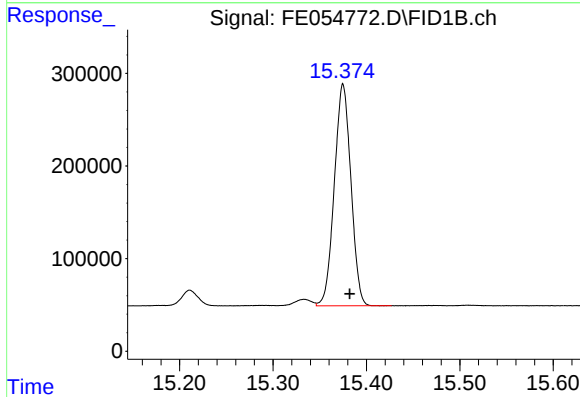
R.T.: 13.514 min
Delta R.T.: -0.006 min
Response: 2360936
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

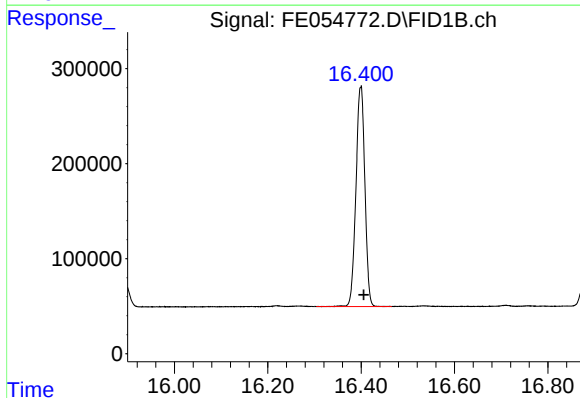
R.T.: 14.269 min
Delta R.T.: -0.006 min
Response: 2793730
Conc: 19.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



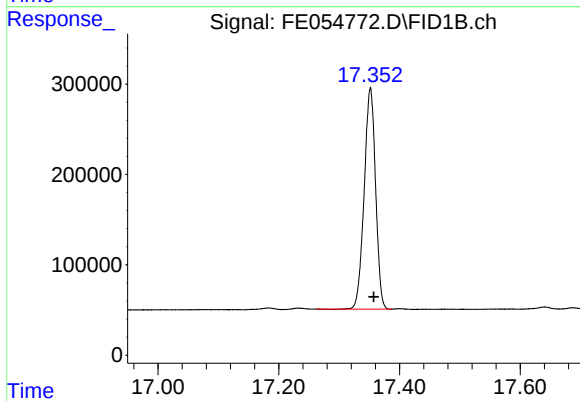
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 2952781
Conc: 20.31 ug/ml



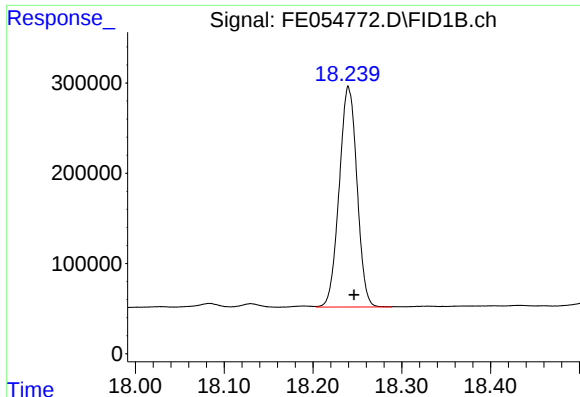
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: -0.006 min
Response: 3076947
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

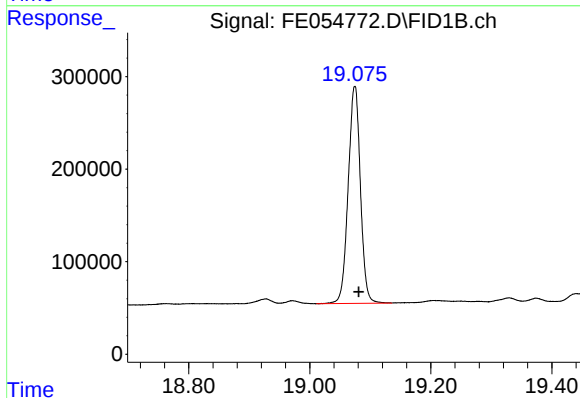
R.T.: 17.352 min
Delta R.T.: -0.006 min
Response: 3204943
Conc: 21.99 ug/ml



#17 n-Tricontane (C30)

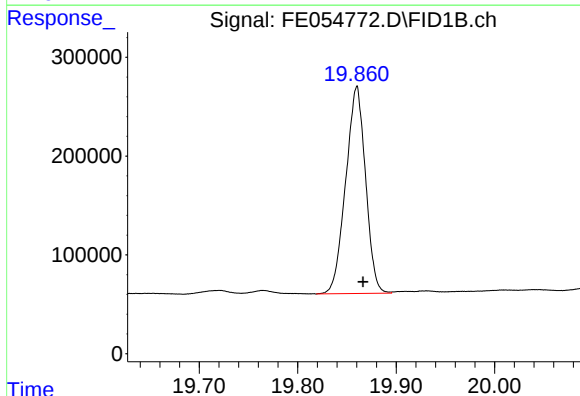
R.T.: 18.240 min
Delta R.T.: -0.006 min
Response: 3398034
Conc: 21.56 ug/ml

Instrument :
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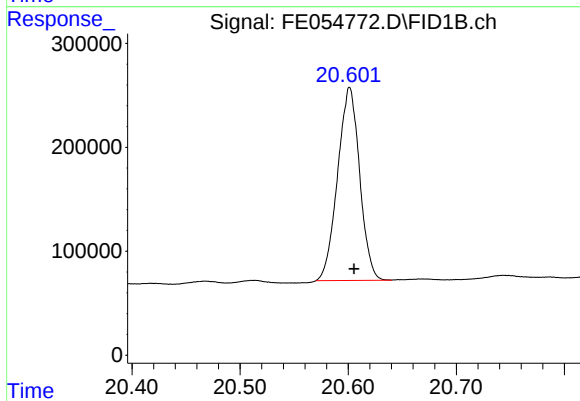
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.006 min
Response: 3293378
Conc: 20.36 ug/ml



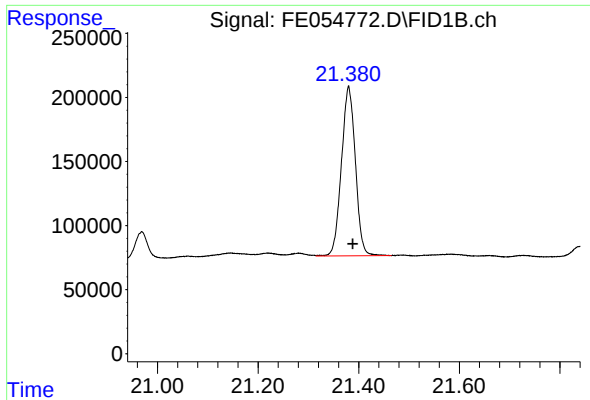
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: -0.006 min
Response: 2932243
Conc: 19.24 ug/ml



#20 n-Hexatriacontane (C36)

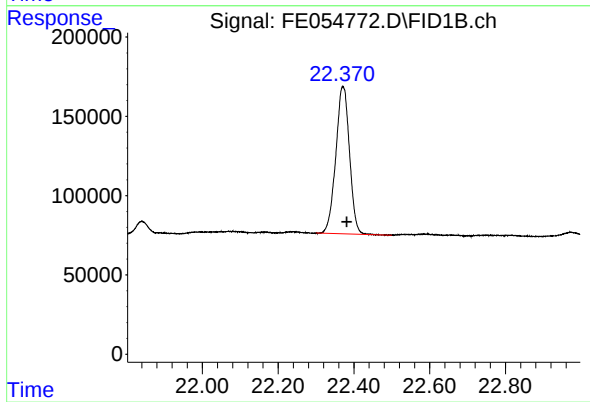
R.T.: 20.601 min
Delta R.T.: -0.004 min
Response: 2628876
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.008 min
Response: 2539284
Conc: 21.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 2330236
Conc: 21.50 ug/ml