

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038441.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2022 21:55
 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: Oct 30 00:40:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 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)	11.968	3424697	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	13.401	2688740	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.368	3282734	21.315 ug/ml
2) T n-Decane (C10)	4.615	3303194	21.280 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3536654	20.883 ug/ml
4) T n-Dodecane (C12)	6.776	3310250	21.190 ug/ml
5) T A~2-methylnaphthalene...	7.409	3452924	20.604 ug/ml
6) T n-Tetradecane (C14)	8.601	3288123	21.025 ug/ml
7) T n-Hexadecane (C16)	10.207	3283222	20.781 ug/ml
8) T n-Octadecane (C18)	11.647	3274528	20.443 ug/ml
10) T n-Eicosane (C20)	12.956	3226624	20.025 ug/ml
11) T n-Heneicosane (C21)	13.566	3198816	19.803 ug/ml
13) T n-Docosane (C22)	14.152	3159524	19.571 ug/ml
14) T n-Tetracosane (C24)	15.253	3077388	19.186 ug/ml
15) T n-Hexacosane (C26)	16.272	2991378	18.833 ug/ml
16) T n-Octacosane (C28)	17.221	2914145	18.574 ug/ml
17) T n-Tricontane (C30)	18.107	2829725	17.735 ug/ml
18) T n-Dotriacontane (C32)	18.937	2960599	18.777 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2271302	15.407 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2874075	20.115 ug/ml
21) T n-Octatriacontane (C38)	21.200	2894573	21.431 ug/ml
22) T n-Tetracontane (C40)	22.127	2955610	23.415 ug/ml

(f)=RT Delta > 1/2 Window

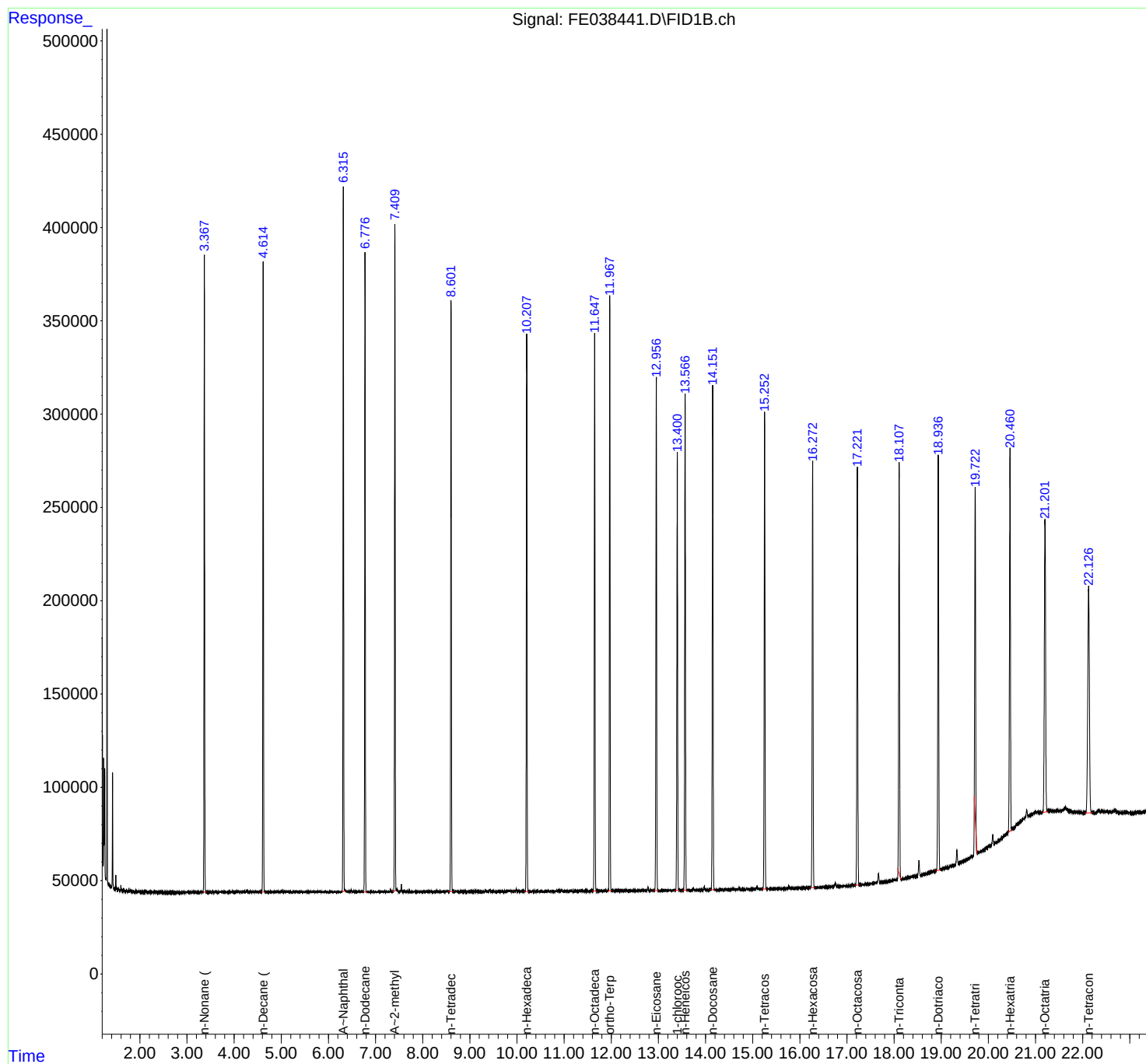
(m)=manual int.

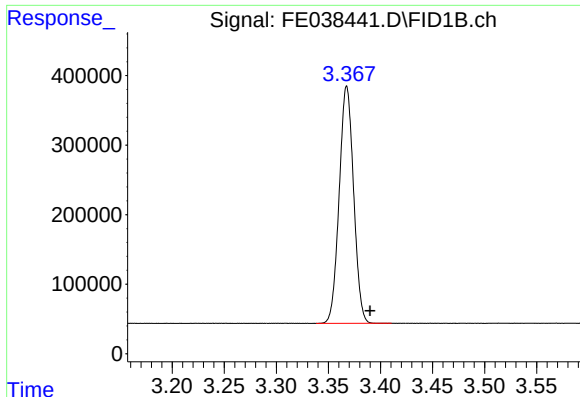
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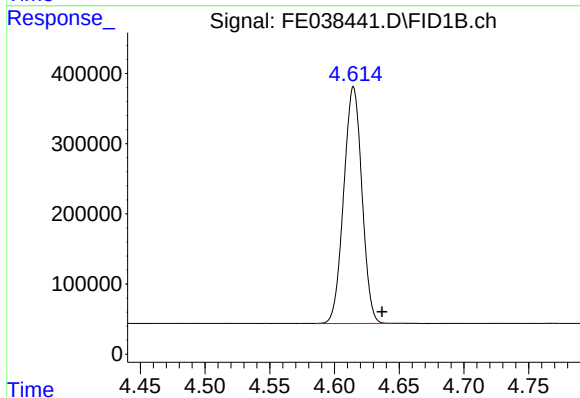




#1 n-Nonane (C9)

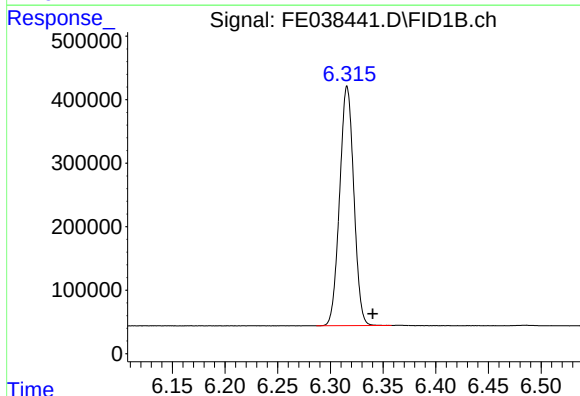
R.T.: 3.368 min
Delta R.T.: -0.022 min
Response: 3282734
Conc: 21.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



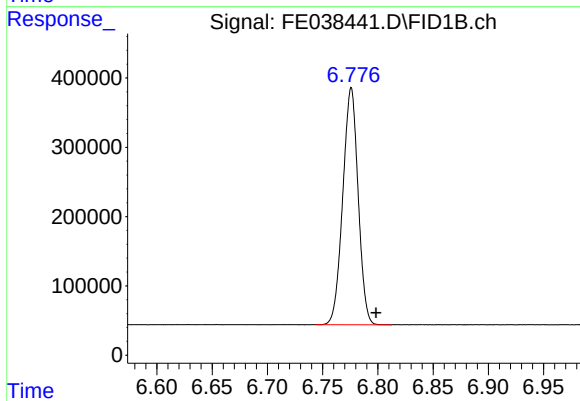
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.022 min
Response: 3303194
Conc: 21.28 ug/ml



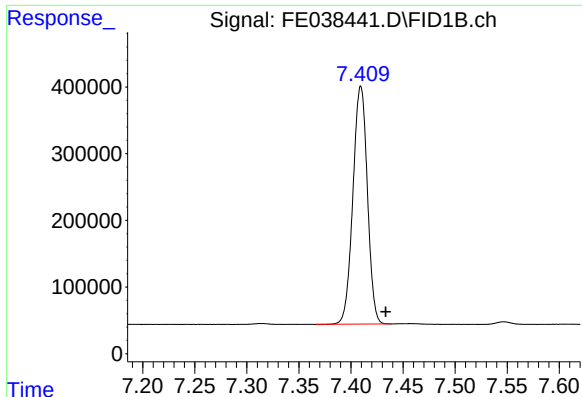
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.024 min
Response: 3536654
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

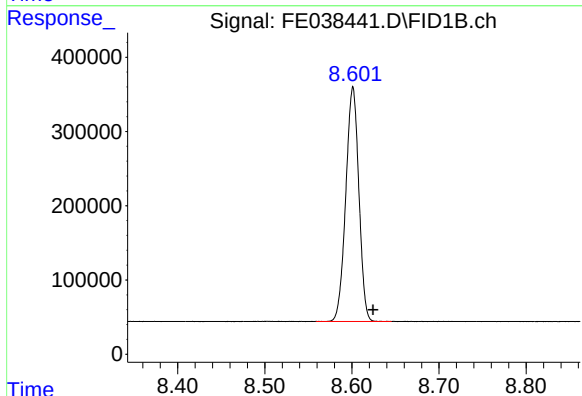
R.T.: 6.776 min
Delta R.T.: -0.022 min
Response: 3310250
Conc: 21.19 ug/ml



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

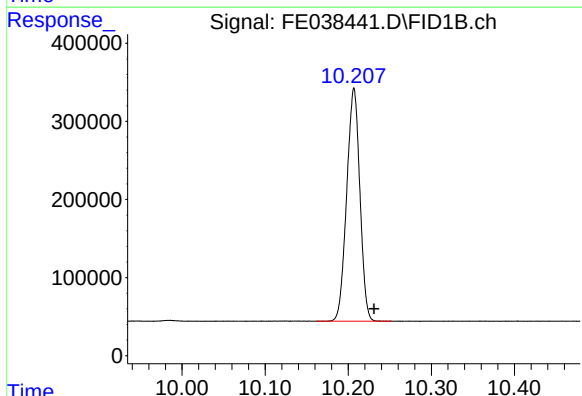
R.T.: 7.409 min
Delta R.T.: -0.024 min
Response: 3452924
Conc: 20.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



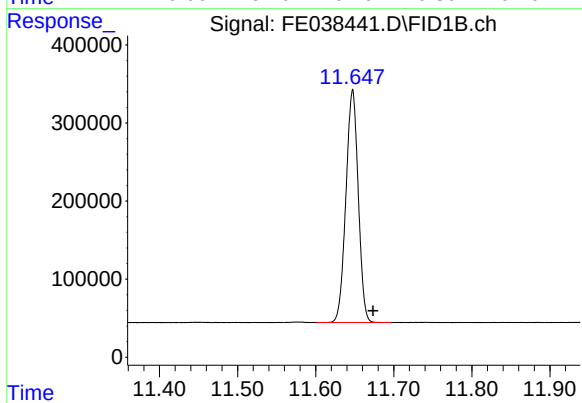
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 3288123
Conc: 21.03 ug/ml



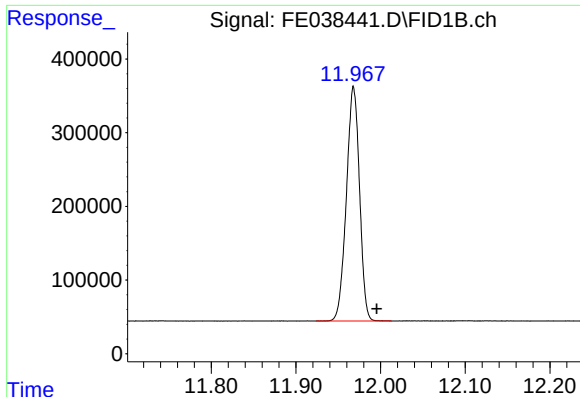
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.024 min
Response: 3283222
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

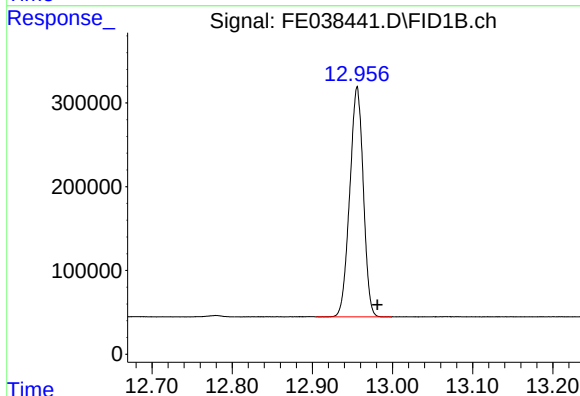
R.T.: 11.647 min
Delta R.T.: -0.026 min
Response: 3274528
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

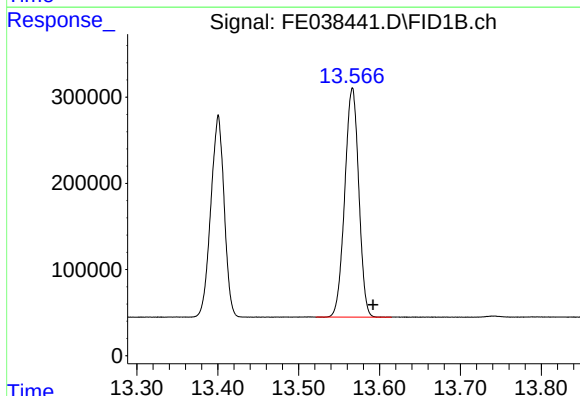
R.T.: 11.968 min
Delta R.T.: -0.027 min
Response: 3424697
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



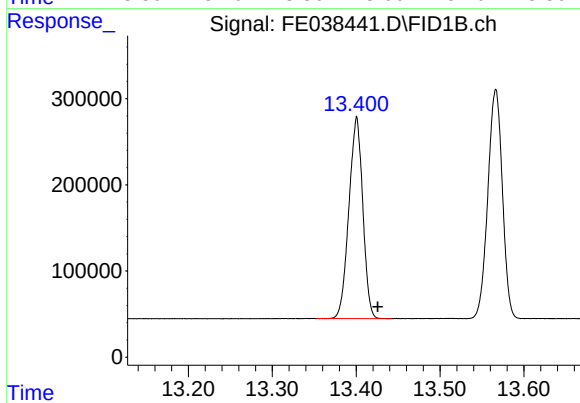
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.025 min
Response: 3226624
Conc: 20.03 ug/ml



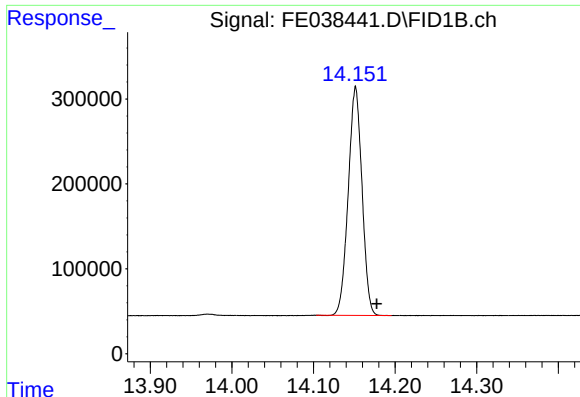
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 3198816
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

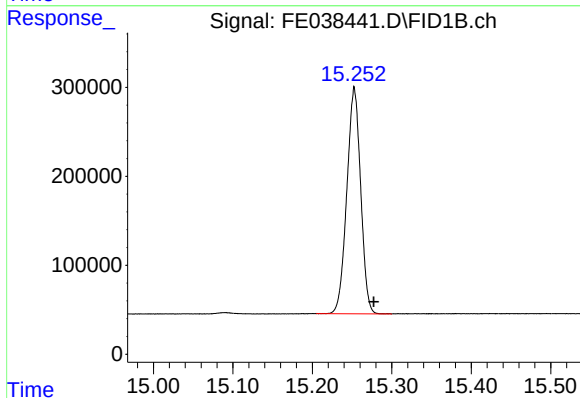
R.T.: 13.401 min
Delta R.T.: -0.025 min
Response: 2688740
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

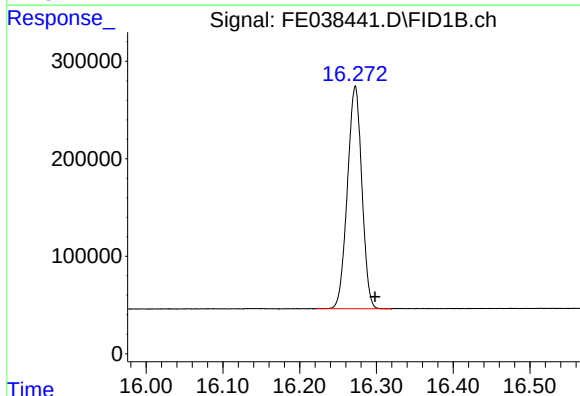
R.T.: 14.152 min
Delta R.T.: -0.026 min
Response: 3159524
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



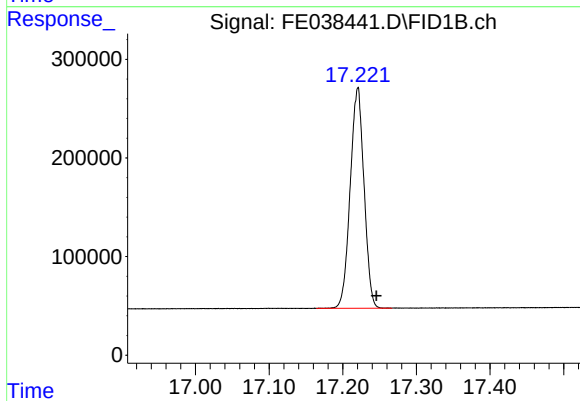
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.024 min
Response: 3077388
Conc: 19.19 ug/ml



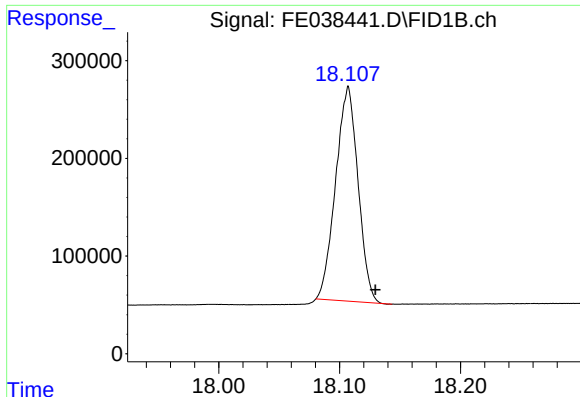
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 2991378
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

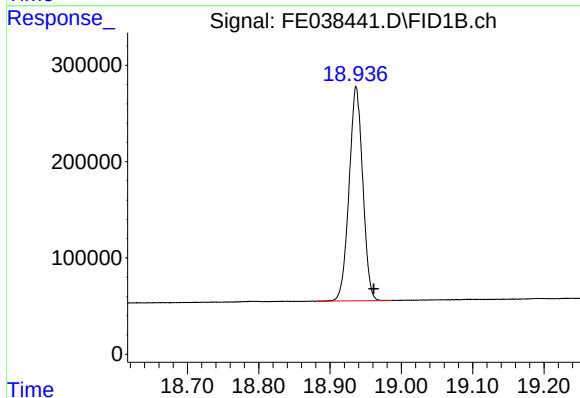
R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2914145
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

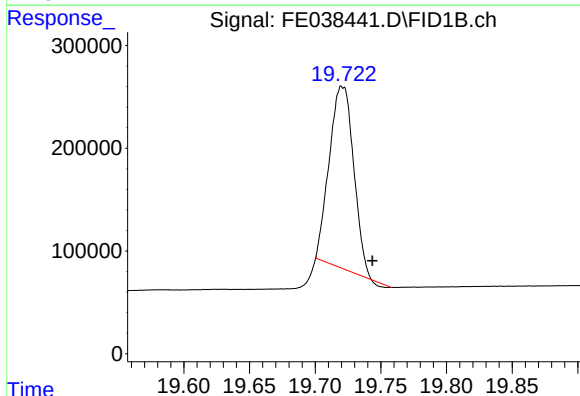
R.T.: 18.107 min
Delta R.T.: -0.023 min
Response: 2829725
Conc: 17.73 ug/ml

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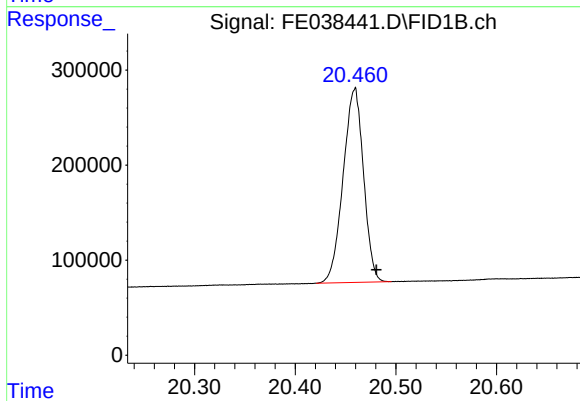
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.025 min
Response: 2960599
Conc: 18.78 ug/ml



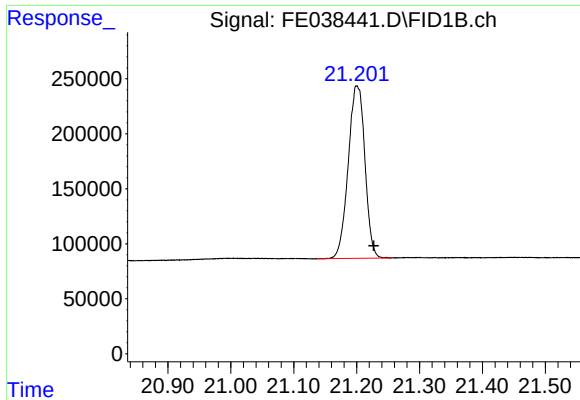
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.023 min
Response: 2271302
Conc: 15.41 ug/ml



#20 n-Hexatriacontane (C36)

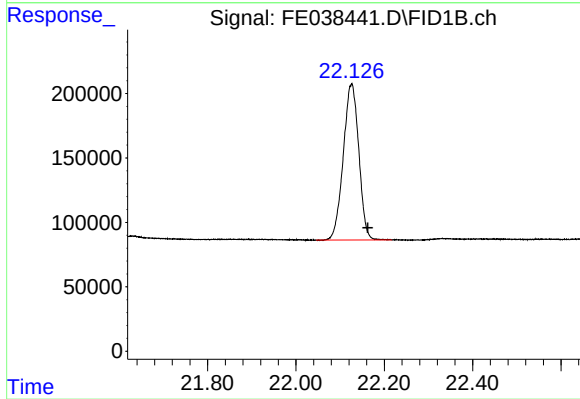
R.T.: 20.459 min
Delta R.T.: -0.021 min
Response: 2874075
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.027 min
Response: 2894573
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.036 min
Response: 2955610
Conc: 23.41 ug/ml