

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050125AL\
 Data File : FE053615.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2025 19:49
 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: May 02 02:20:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.865	3422634	18.977 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	13.310	2536546	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.213	2720216	19.841 ug/ml
2) T n-Decane (C10)	4.474	2826018	20.429 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3069077	20.332 ug/ml
4) T n-Dodecane (C12)	6.654	2853306	20.345 ug/ml
5) T A~2-methylnaphthalene...	7.288	3019404	20.223 ug/ml
6) T n-Tetradecane (C14)	8.491	2837640	20.227 ug/ml
7) T n-Hexadecane (C16)	10.103	2848806	19.877 ug/ml
8) T n-Octadecane (C18)	11.551	2833592	19.444 ug/ml
10) T n-Eicosane (C20)	12.865	2771424	19.046 ug/ml
11) T n-Heneicosane (C21)	13.478	2731693	18.859 ug/ml
13) T n-Docosane (C22)	14.066	2701388	18.720 ug/ml
14) T n-Tetracosane (C24)	15.171	2667784	18.573 ug/ml
15) T n-Hexacosane (C26)	16.195	2613302	18.452 ug/ml
16) T n-Octacosane (C28)	17.147	2653208	19.071 ug/ml
17) T n-Tricontane (C30)	18.036	2829154	20.325 ug/ml
18) T n-Dotriacontane (C32)	18.871	2903766	21.148 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2748520	21.095 ug/ml
20) T n-Hexatriacontane (C36)	20.396	2676219	21.198 ug/ml
21) T n-Octatriacontane (C38)	21.130	2695184	22.122 ug/ml
22) T n-Tetracontane (C40)	22.034	2471099	20.692 ug/ml

(f)=RT Delta > 1/2 Window

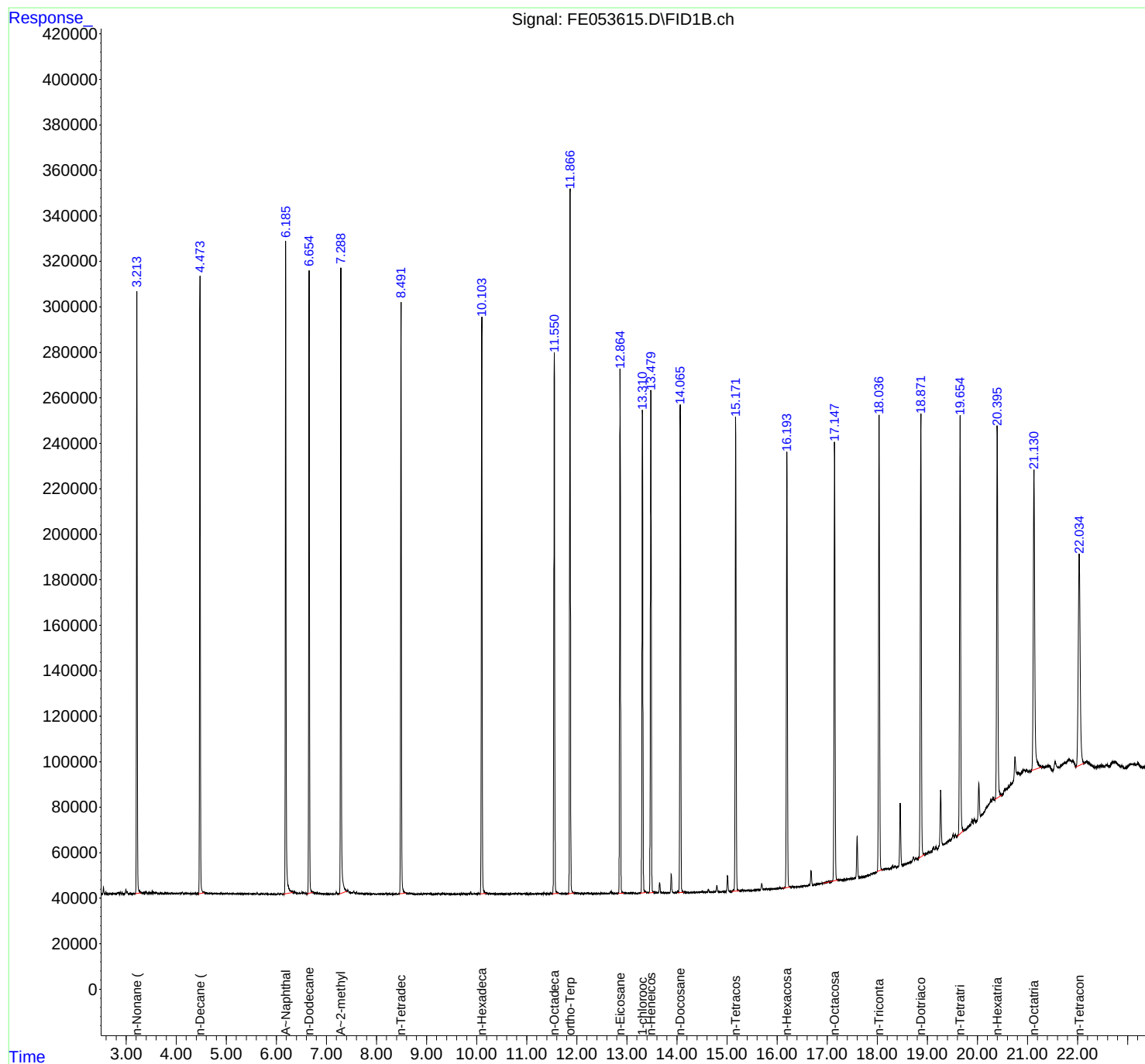
(m)=manual int.

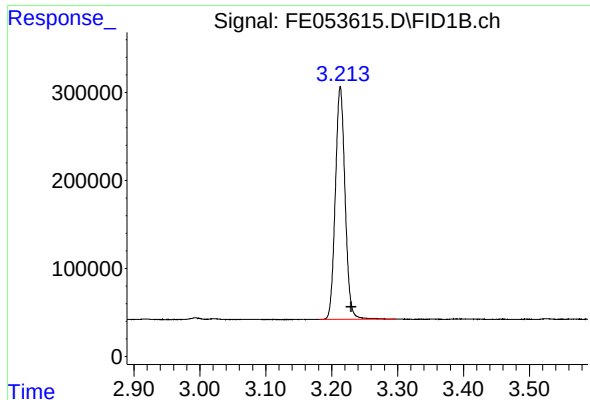
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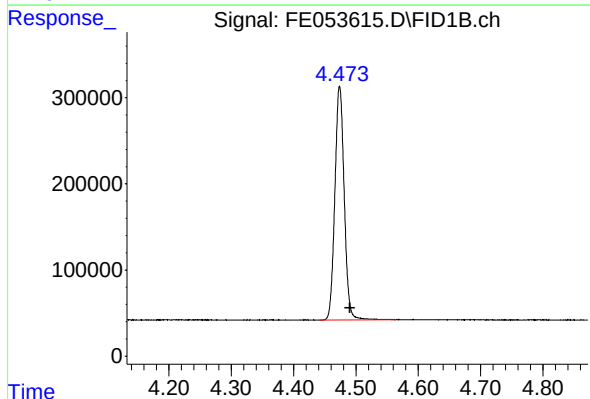




#1 n-Nonane (C9)

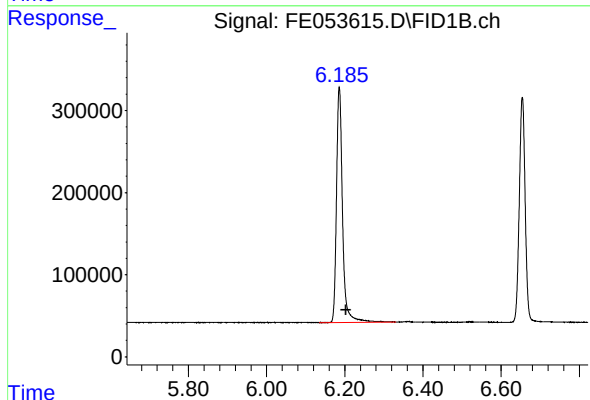
R.T.: 3.213 min
Delta R.T.: -0.017 min
Response: 2720216
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



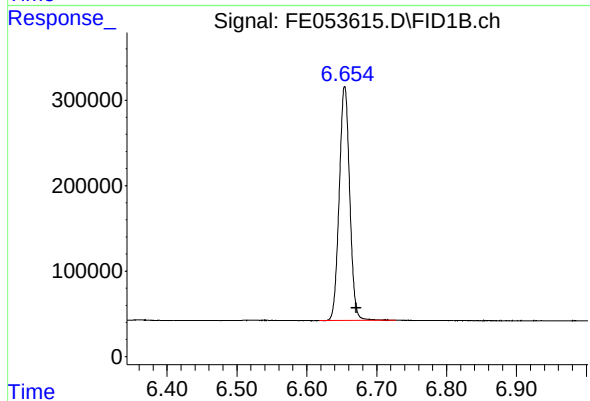
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.017 min
Response: 2826018
Conc: 20.43 ug/ml



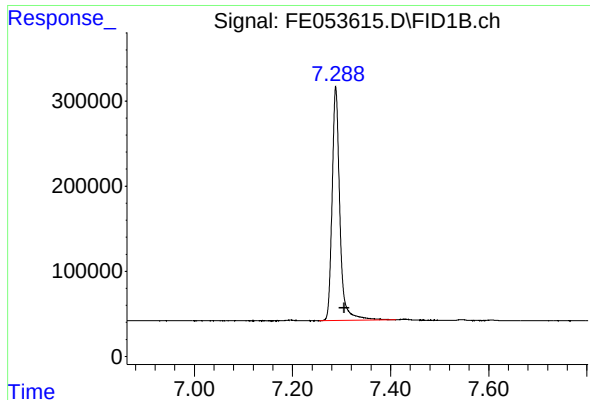
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.017 min
Response: 3069077
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

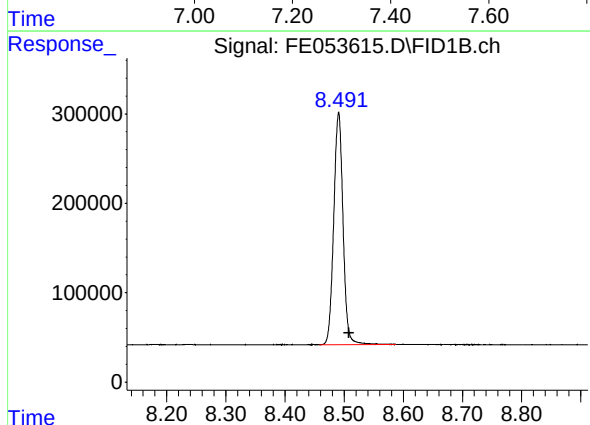
R.T.: 6.654 min
Delta R.T.: -0.017 min
Response: 2853306
Conc: 20.34 ug/ml



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

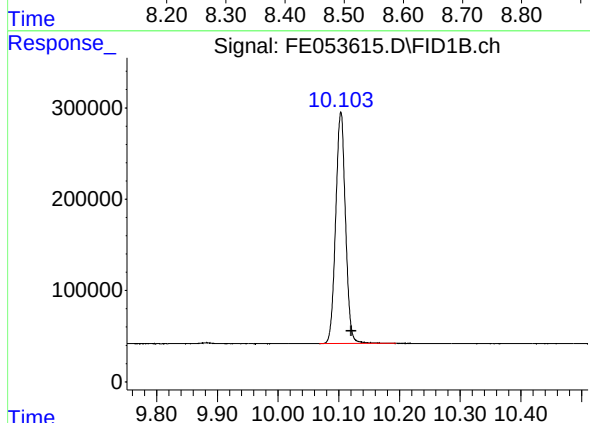
R.T.: 7.288 min
Delta R.T.: -0.017 min
Response: 3019404
Conc: 20.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



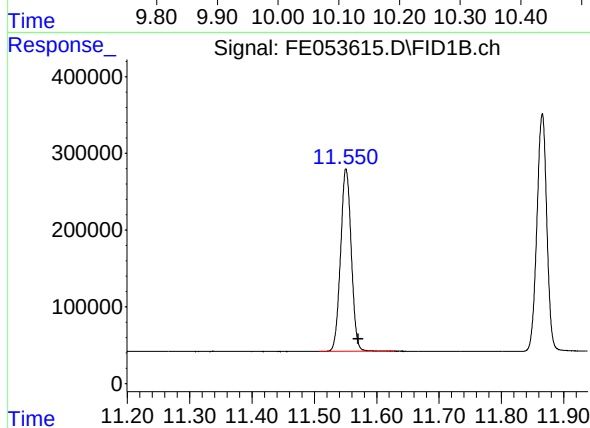
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.017 min
Response: 2837640
Conc: 20.23 ug/ml



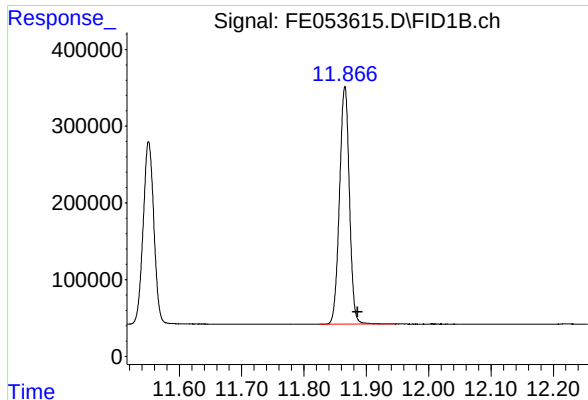
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.018 min
Response: 2848806
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

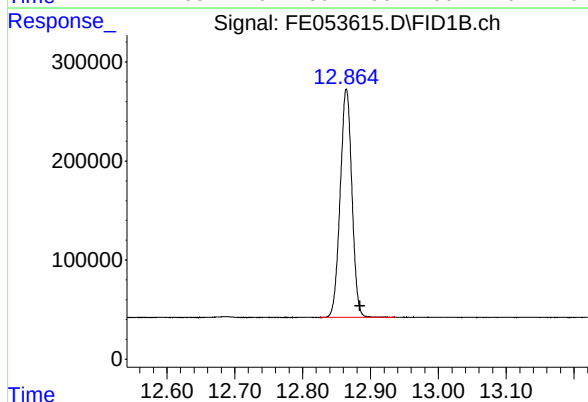
R.T.: 11.551 min
Delta R.T.: -0.020 min
Response: 2833592
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

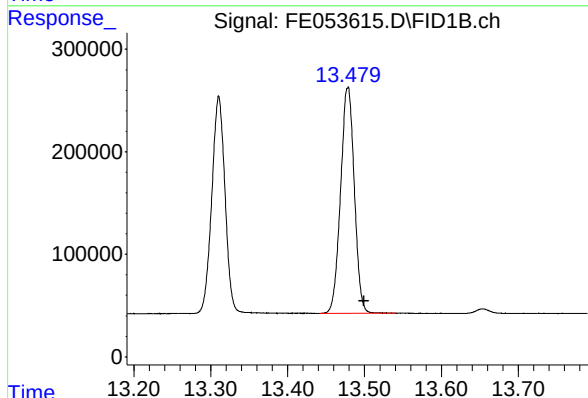
R.T.: 11.865 min
Delta R.T.: -0.020 min
Response: 3422634
Conc: 18.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



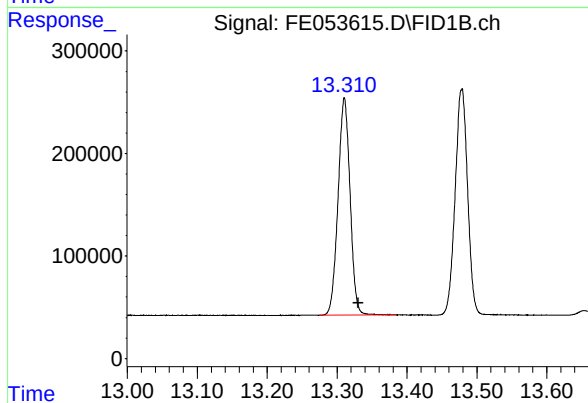
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.020 min
Response: 2771424
Conc: 19.05 ug/ml



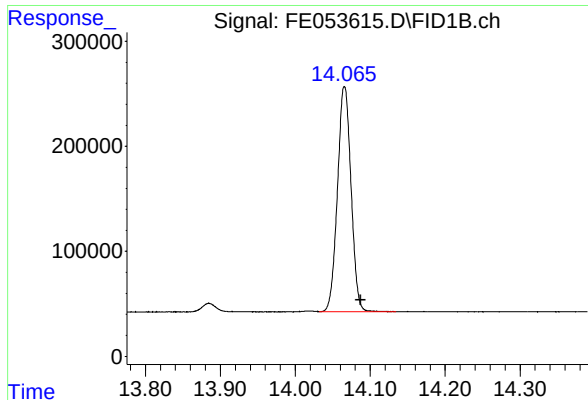
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.021 min
Response: 2731693
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

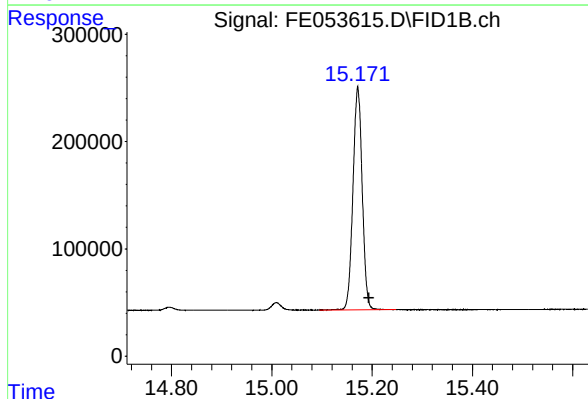
R.T.: 13.310 min
Delta R.T.: -0.020 min
Response: 2536546
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

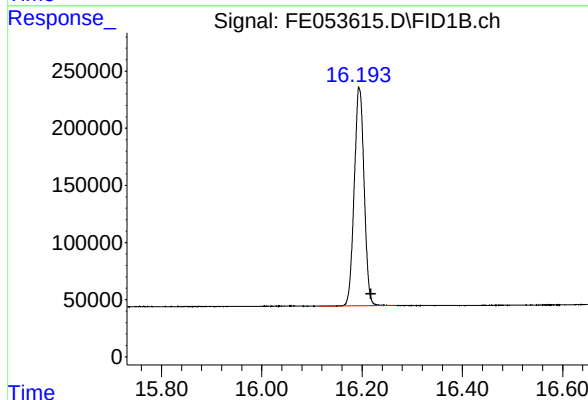
R.T.: 14.066 min
Delta R.T.: -0.022 min
Response: 2701388
Conc: 18.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



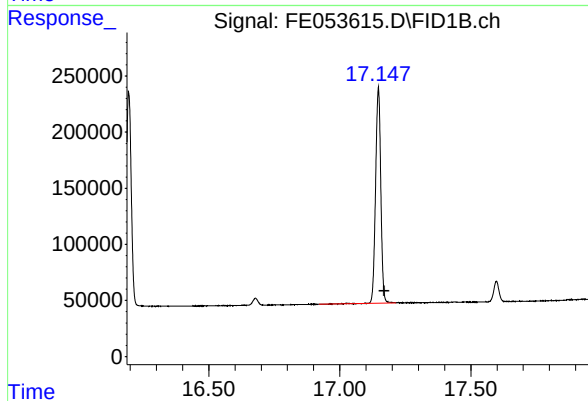
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.022 min
Response: 2667784
Conc: 18.57 ug/ml



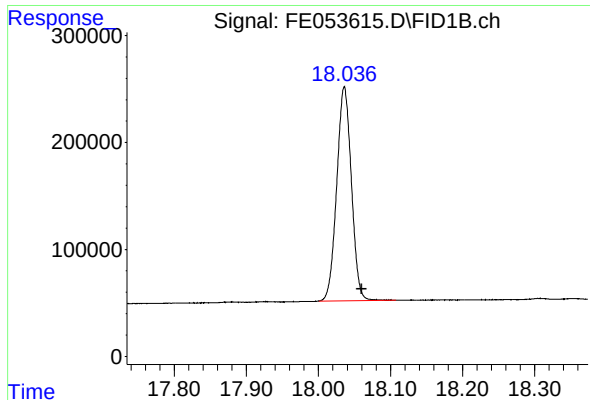
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.023 min
Response: 2613302
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

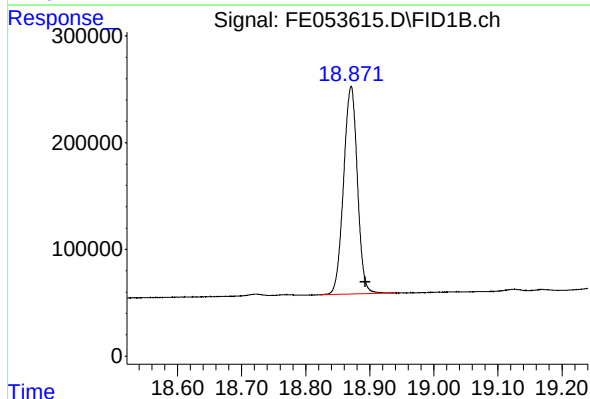
R.T.: 17.147 min
Delta R.T.: -0.023 min
Response: 2653208
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

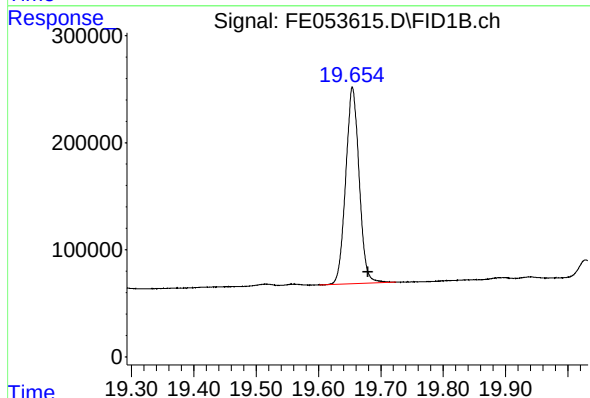
R.T.: 18.036 min
Delta R.T.: -0.024 min
Response: 2829154
Conc: 20.33 ug/ml

Instrument :
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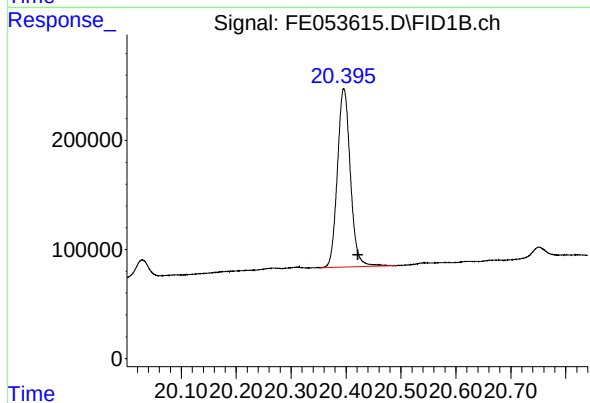
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.023 min
Response: 2903766
Conc: 21.15 ug/ml



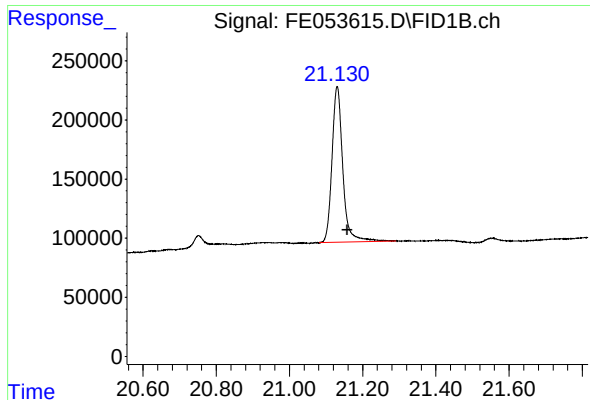
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.025 min
Response: 2748520
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

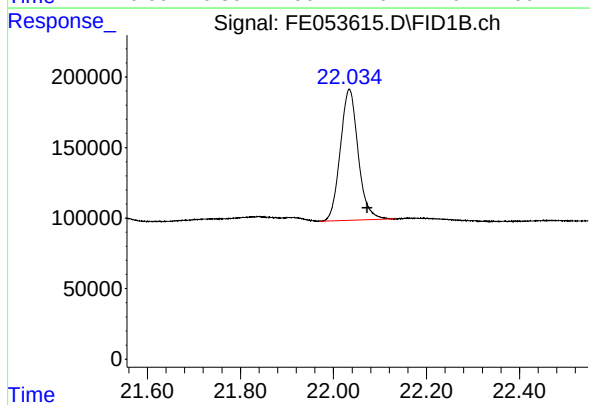
R.T.: 20.396 min
Delta R.T.: -0.026 min
Response: 2676219
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 2695184
Conc: 22.12 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.034 min
Delta R.T.: -0.039 min
Response: 2471099
Conc: 20.69 ug/ml