

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072023AL\
 Data File : FE043351.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2023 11:50
 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: Jul 21 03:45:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.890	3715947	20.752 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
12) S 1-chlorooctadecane (S...	13.327	2746275	20.901 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.270	3161371	20.706 ug/ml
2) T n-Decane (C10)	4.523	3263276	20.932 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3403090	21.148 ug/ml
4) T n-Dodecane (C12)	6.693	3291731	20.890 ug/ml
5) T A~2-methylnaphthalene...	7.330	3224976	21.253 ug/ml
6) T n-Tetradecane (C14)	8.522	3245596	20.520 ug/ml
7) T n-Hexadecane (C16)	10.129	3363257	20.782 ug/ml
8) T n-Octadecane (C18)	11.572	3387257	20.779 ug/ml
10) T n-Eicosane (C20)	12.881	3227850	20.775 ug/ml
11) T n-Heneicosane (C21)	13.493	3140386	20.728 ug/ml
13) T n-Docosane (C22)	14.079	3102759	20.761 ug/ml
14) T n-Tetracosane (C24)	15.182	3036685	20.677 ug/ml
15) T n-Hexacosane (C26)	16.204	2956791	20.760 ug/ml
16) T n-Octacosane (C28)	17.153	2916594	20.729 ug/ml
17) T n-Tricontane (C30)	18.041	3056594	20.749 ug/ml
18) T n-Dotriacontane (C32)	18.873	3082163	20.800 ug/ml
19) T n-Tetratriacontane (C34)	19.657	2998912	20.779 ug/ml
20) T n-Hexatriacontane (C36)	20.396	2859826	19.458 ug/ml
21) T n-Octatriacontane (C38)	21.133	2924345	20.500 ug/ml
22) T n-Tetracontane (C40)	22.042	3195823	21.654 ug/ml

(f)=RT Delta > 1/2 Window

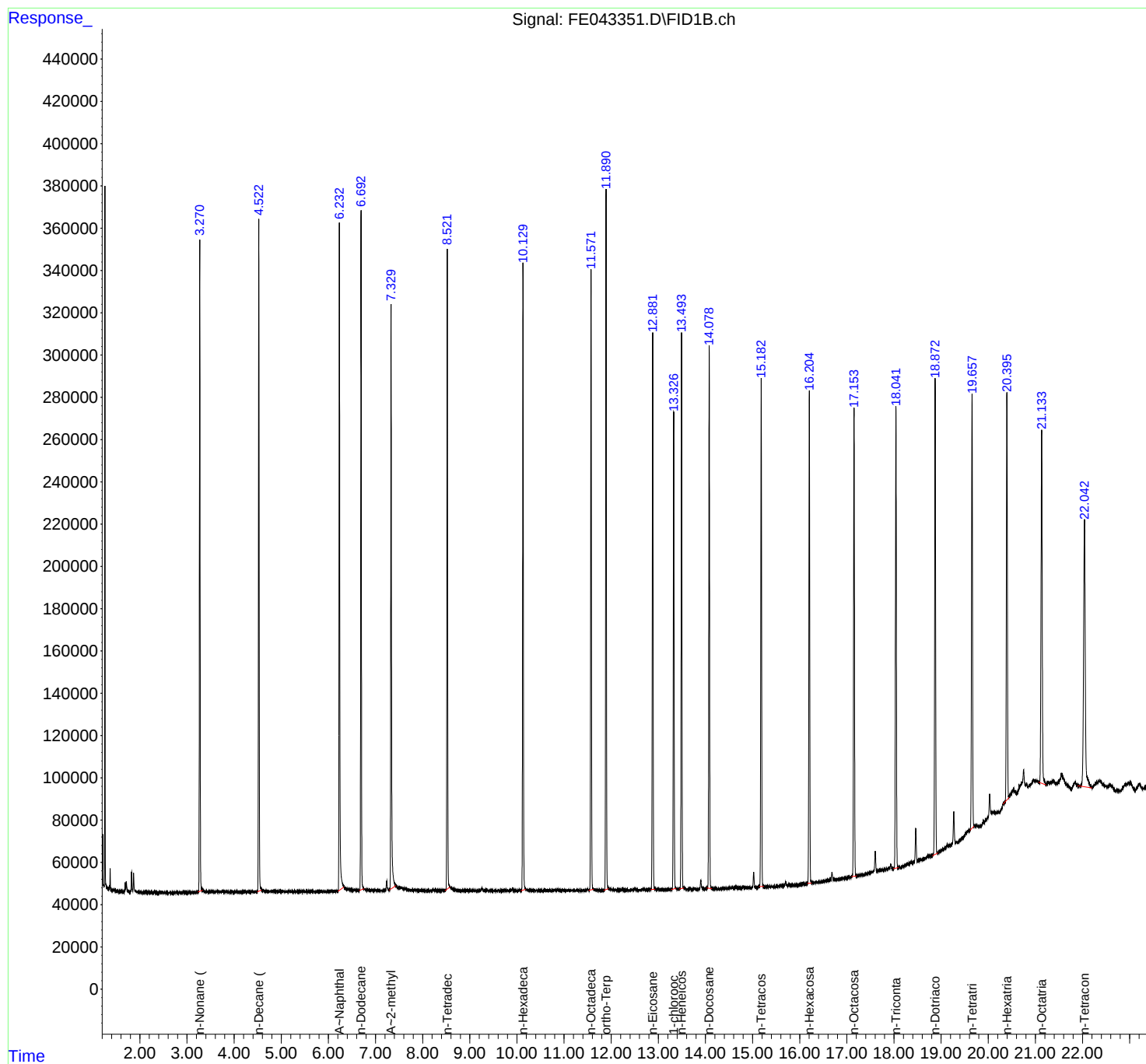
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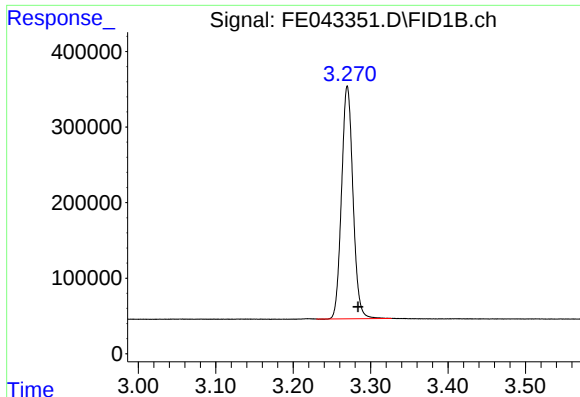
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072023AL\
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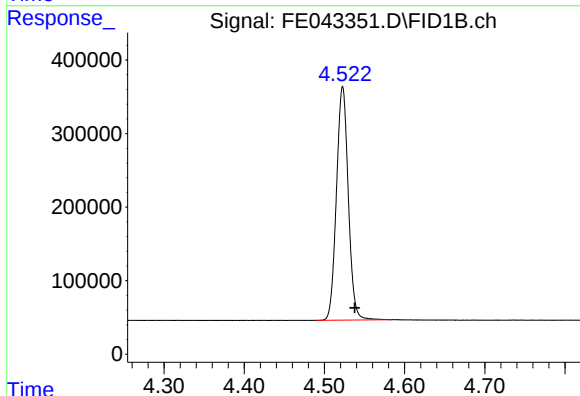




#1 n-Nonane (C9)

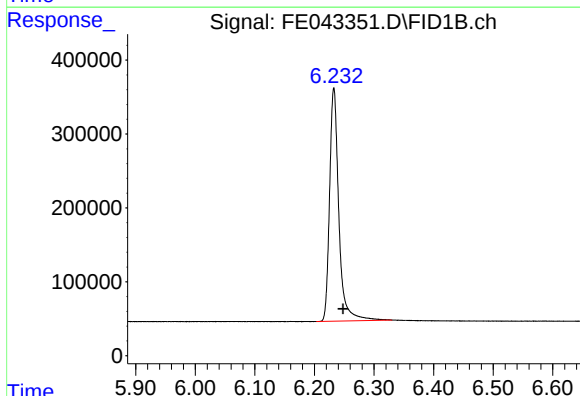
R.T.: 3.270 min
Delta R.T.: -0.014 min
Response: 3161371
Conc: 20.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



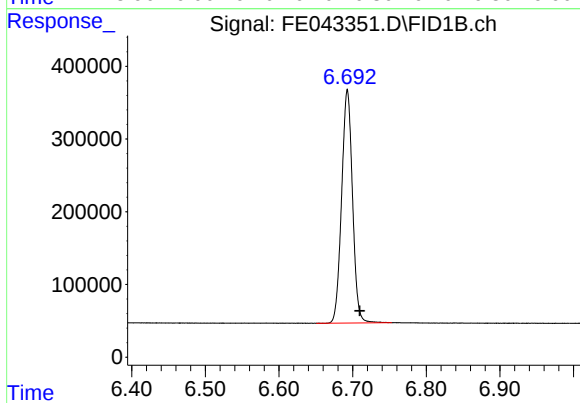
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 3263276
Conc: 20.93 ug/ml



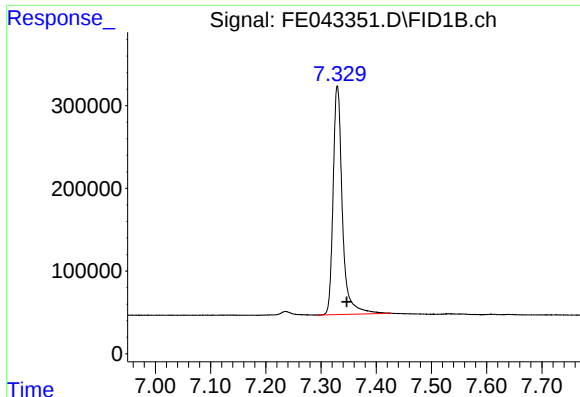
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.015 min
Response: 3403090
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

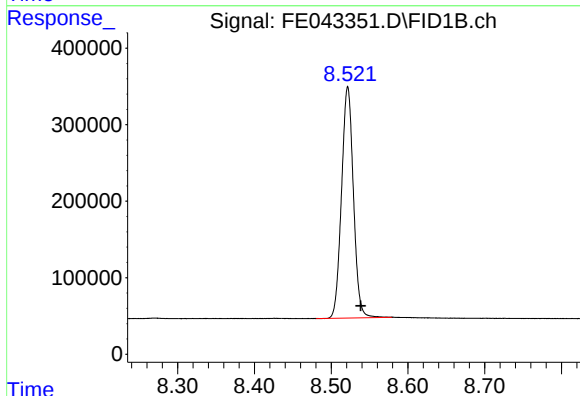
R.T.: 6.693 min
Delta R.T.: -0.017 min
Response: 3291731
Conc: 20.89 ug/ml



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

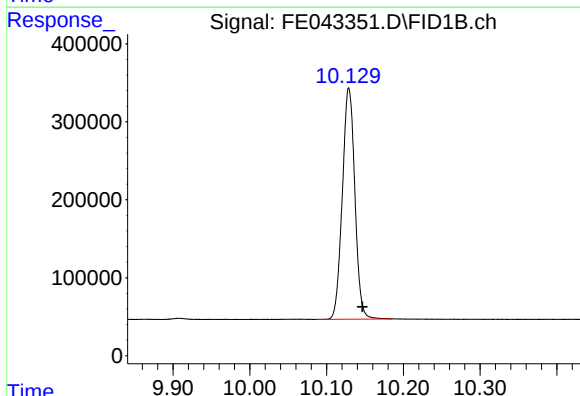
R.T.: 7.330 min
Delta R.T.: -0.017 min
Response: 3224976
Conc: 21.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



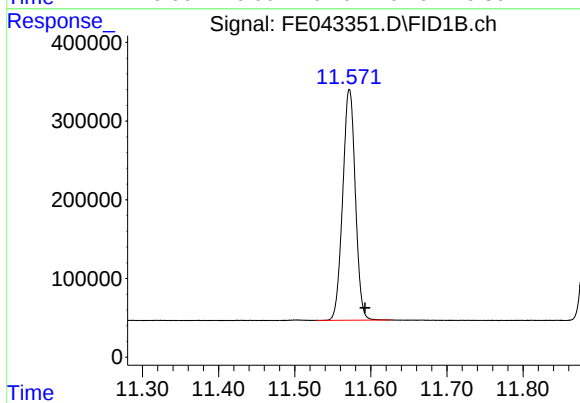
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.017 min
Response: 3245596
Conc: 20.52 ug/ml



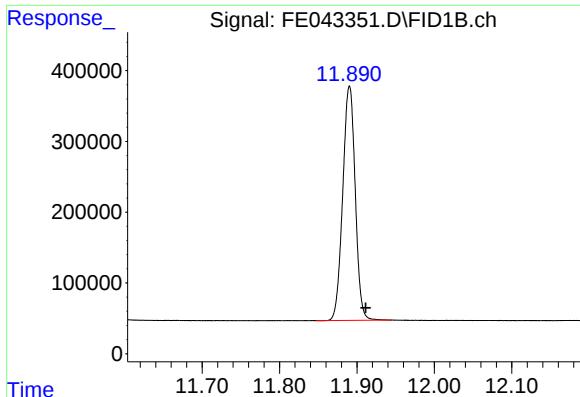
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.018 min
Response: 3363257
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

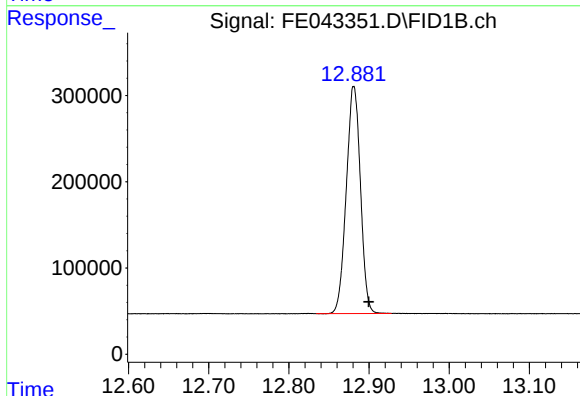
R.T.: 11.572 min
Delta R.T.: -0.020 min
Response: 3387257
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

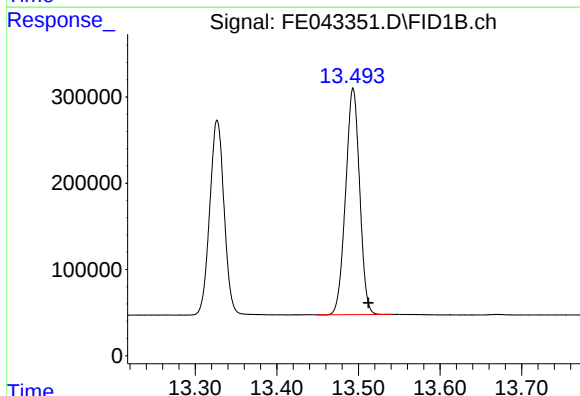
R.T.: 11.890 min
Delta R.T.: -0.021 min
Response: 3715947
Conc: 20.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



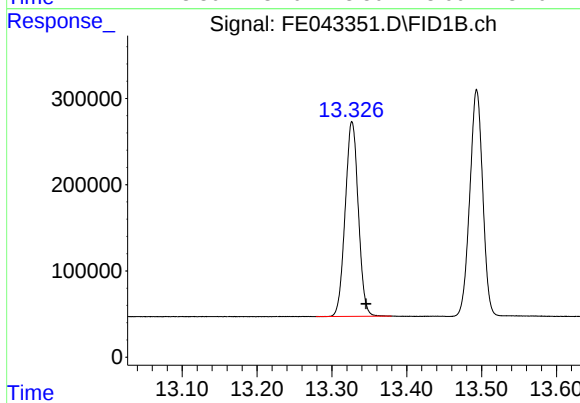
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.019 min
Response: 3227850
Conc: 20.78 ug/ml



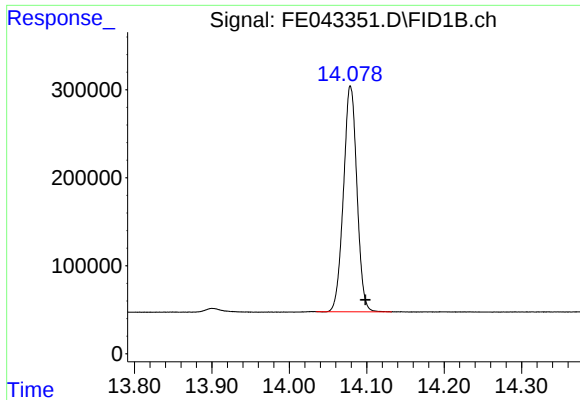
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.019 min
Response: 3140386
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

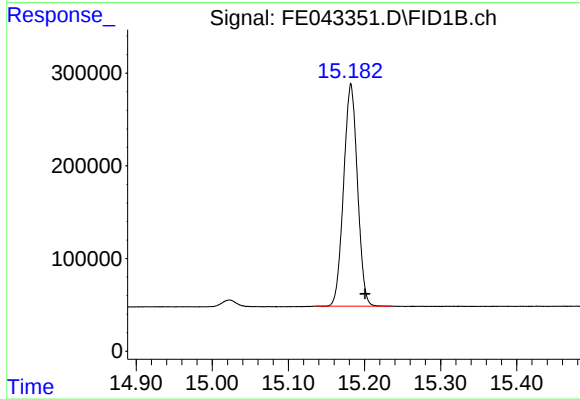
R.T.: 13.327 min
Delta R.T.: -0.019 min
Response: 2746275
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

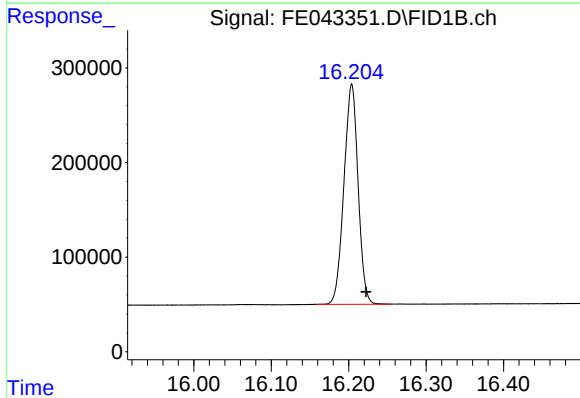
R.T.: 14.079 min
Delta R.T.: -0.019 min
Response: 3102759
Conc: 20.76 ug/ml

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20 PPM ALIPHATIC HC STD



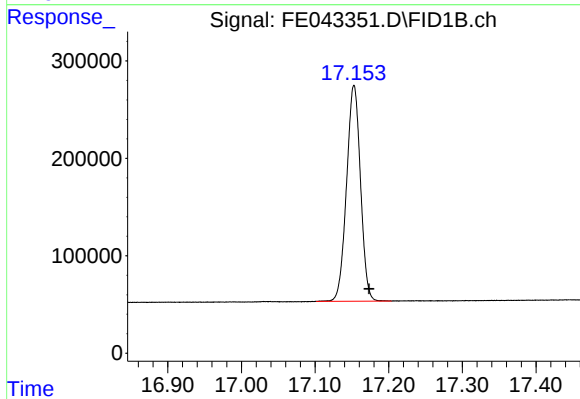
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.019 min
Response: 3036685
Conc: 20.68 ug/ml



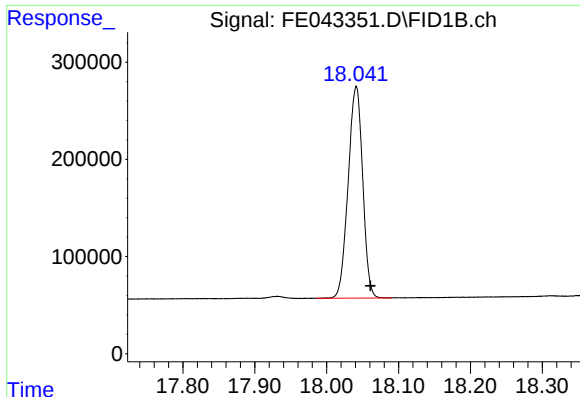
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.019 min
Response: 2956791
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

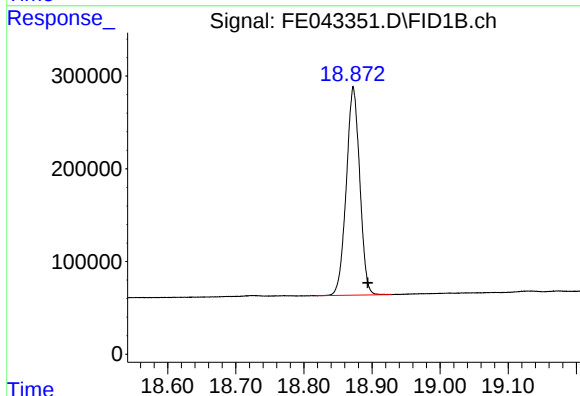
R.T.: 17.153 min
Delta R.T.: -0.021 min
Response: 2916594
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

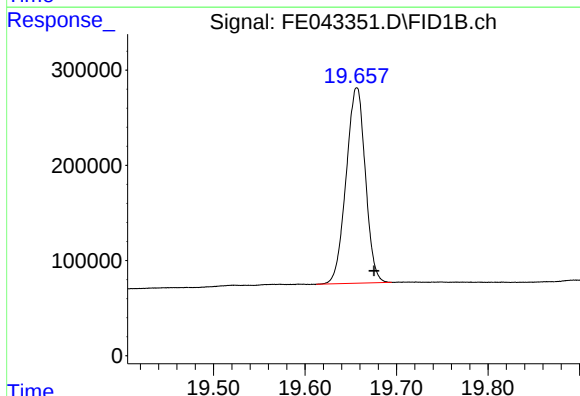
R.T.: 18.041 min
Delta R.T.: -0.020 min
Response: 3056594
Conc: 20.75 ug/ml

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20 PPM ALIPHATIC HC STD



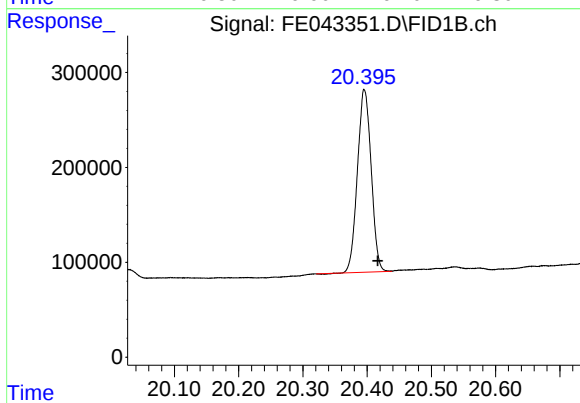
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.021 min
Response: 3082163
Conc: 20.80 ug/ml



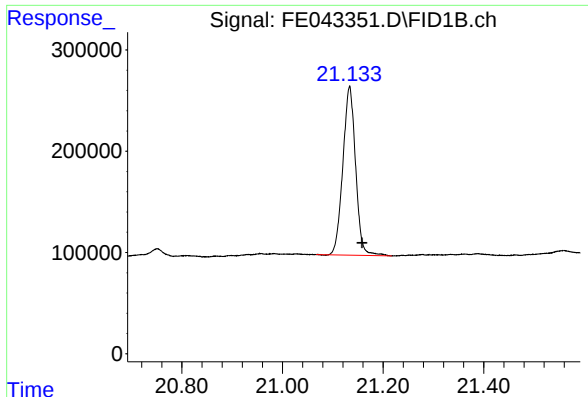
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.019 min
Response: 2998912
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

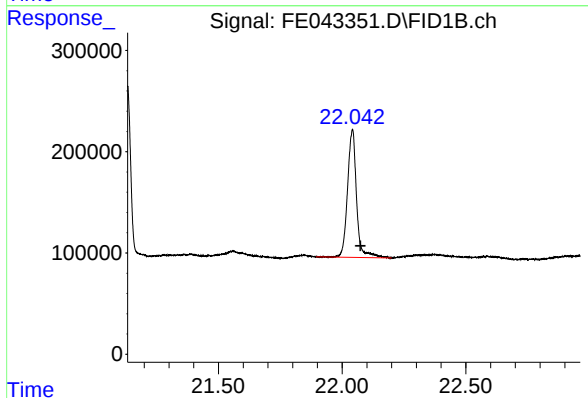
R.T.: 20.396 min
Delta R.T.: -0.021 min
Response: 2859826
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.025 min
Response: 2924345
Conc: 20.50 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.032 min
Response: 3195823
Conc: 21.65 ug/ml