

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080324AL\
 Data File : FE049435.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 12:39
 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: Aug 05 02:06:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.895	3097837	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.331	2366761	20.257 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.283	3030596	20.152 ug/ml
2) T n-Decane (C10)	4.534	3090897	20.012 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3130039	20.090 ug/ml
4) T n-Dodecane (C12)	6.701	3062858	19.891 ug/ml
5) T A~2-methylnaphthalene...	7.336	2875455	19.759 ug/ml
6) T n-Tetradecane (C14)	8.528	3007625	19.816 ug/ml
7) T n-Hexadecane (C16)	10.135	3018351	19.903 ug/ml
8) T n-Octadecane (C18)	11.577	3023230	19.912 ug/ml
10) T n-Eicosane (C20)	12.886	2871620	19.858 ug/ml
11) T n-Heneicosane (C21)	13.498	2823836	19.913 ug/ml
13) T n-Docosane (C22)	14.083	2804128	19.959 ug/ml
14) T n-Tetracosane (C24)	15.185	2821257	20.130 ug/ml
15) T n-Hexacosane (C26)	16.204	2808854	20.032 ug/ml
16) T n-Octacosane (C28)	17.154	2795947	19.976 ug/ml
17) T n-Tricontane (C30)	18.040	2869742	19.673 ug/ml
18) T n-Dotriacontane (C32)	18.871	2877932	19.573 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2931084	20.066 ug/ml
20) T n-Hexatriacontane (C36)	20.393	2958818	20.525 ug/ml
21) T n-Octatriacontane (C38)	21.123	3015814	20.147 ug/ml
22) T n-Tetracontane (C40)	22.023	3009439	19.943 ug/ml

(f)=RT Delta > 1/2 Window

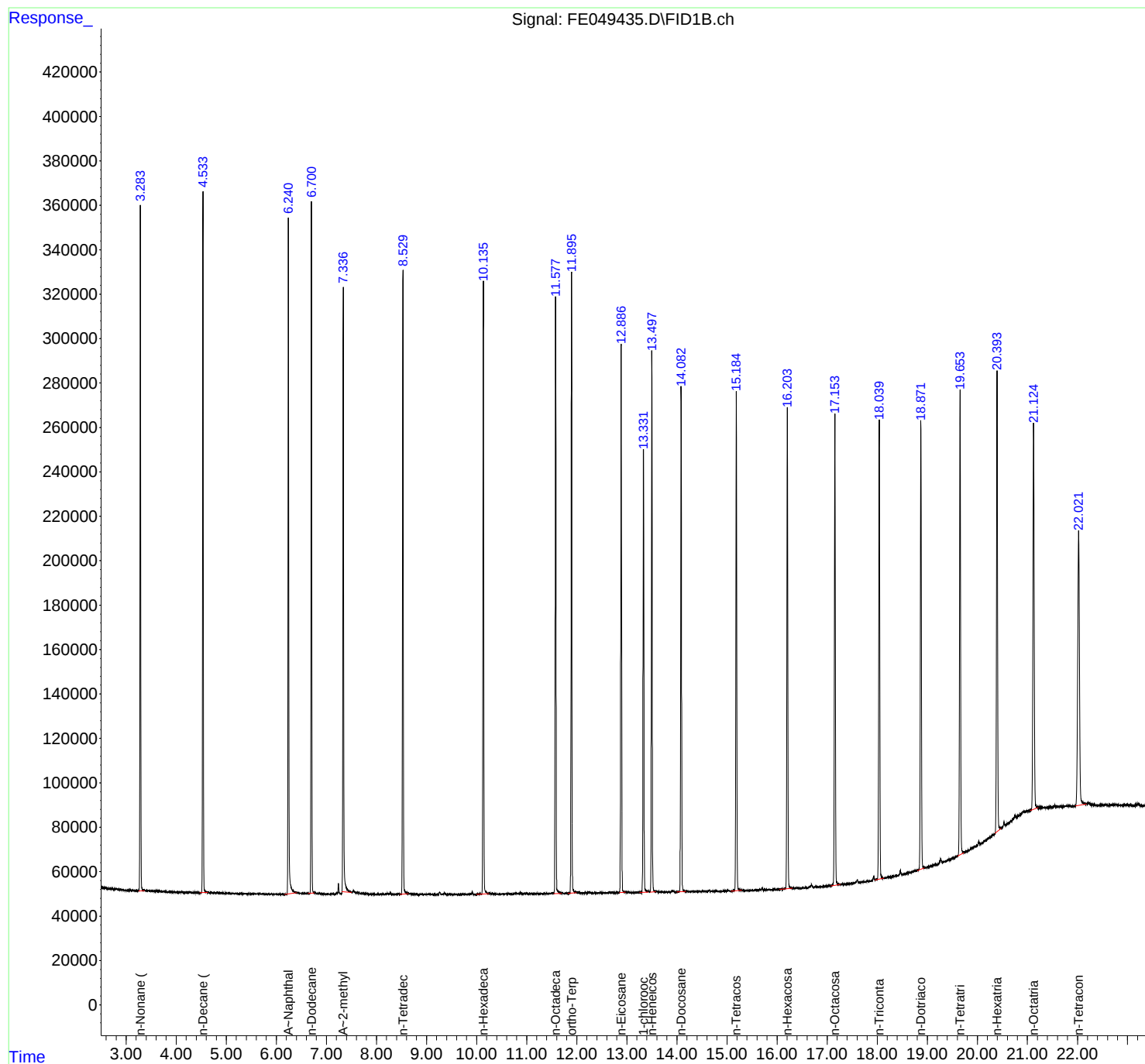
(m)=manual int.

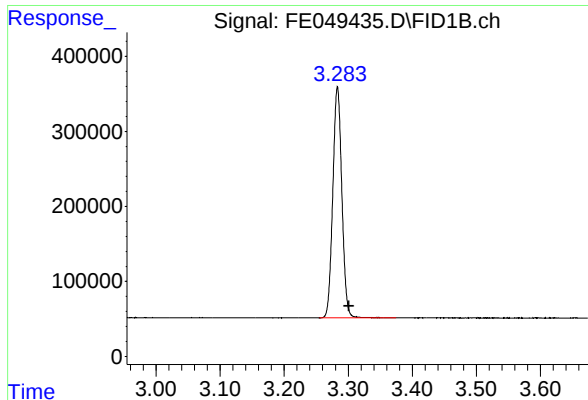
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080324AL\
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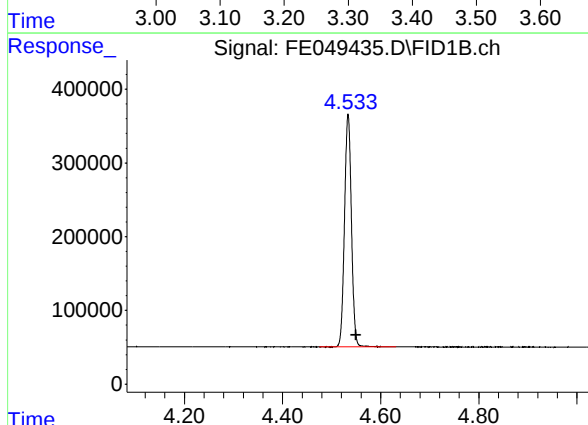




#1 n-Nonane (C9)

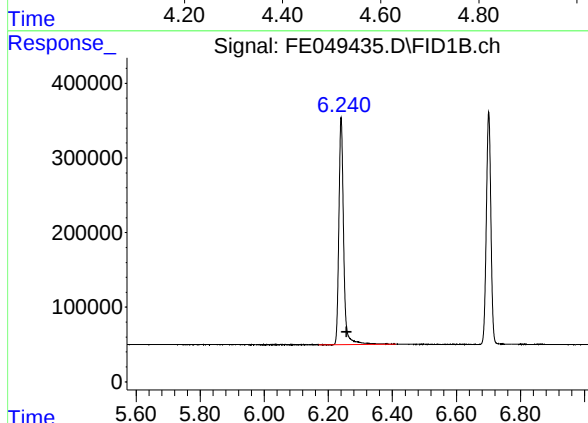
R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 3030596
Conc: 20.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



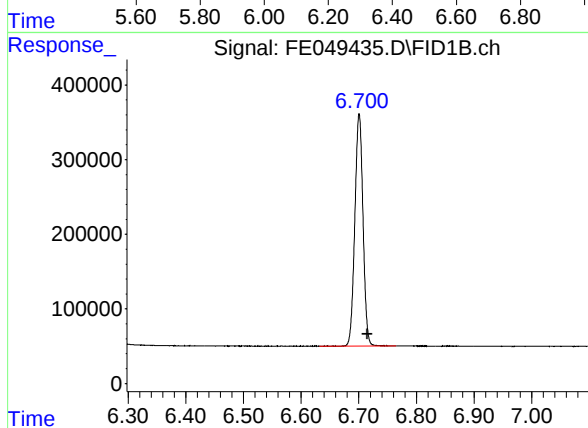
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.016 min
Response: 3090897
Conc: 20.01 ug/ml



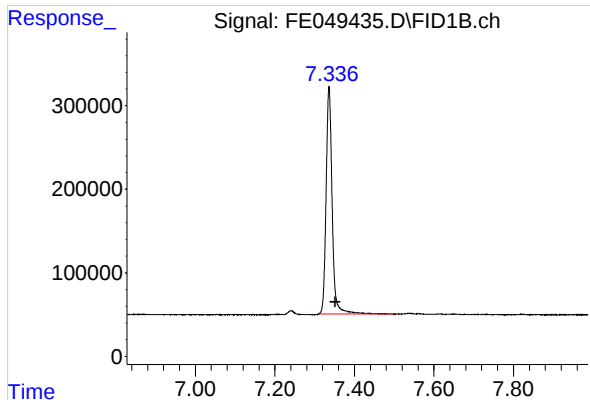
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.016 min
Response: 3130039
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

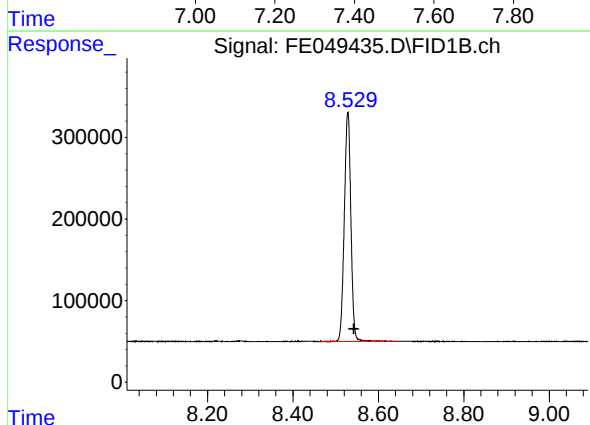
R.T.: 6.701 min
Delta R.T.: -0.014 min
Response: 3062858
Conc: 19.89 ug/ml



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

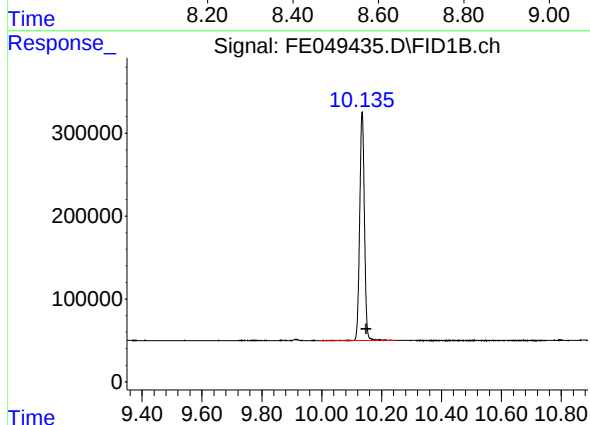
R.T.: 7.336 min
Delta R.T.: -0.016 min
Response: 2875455
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



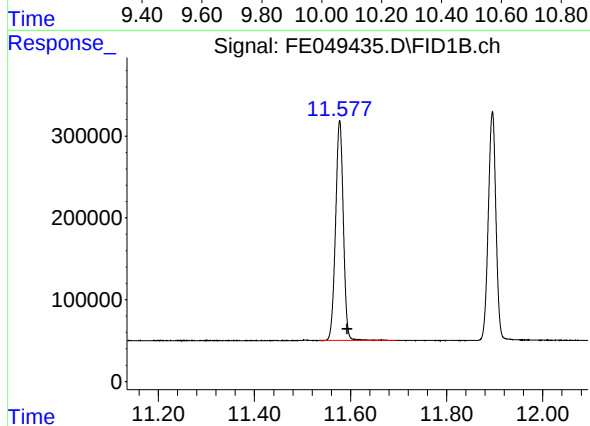
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 3007625
Conc: 19.82 ug/ml



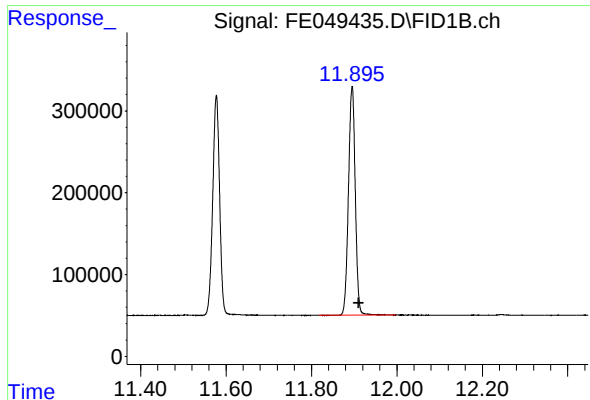
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.015 min
Response: 3018351
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

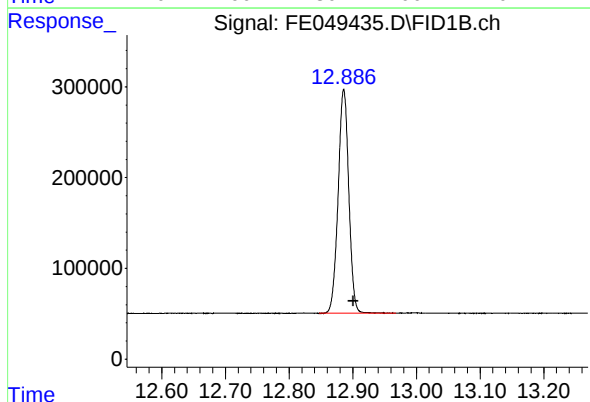
R.T.: 11.577 min
Delta R.T.: -0.015 min
Response: 3023230
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

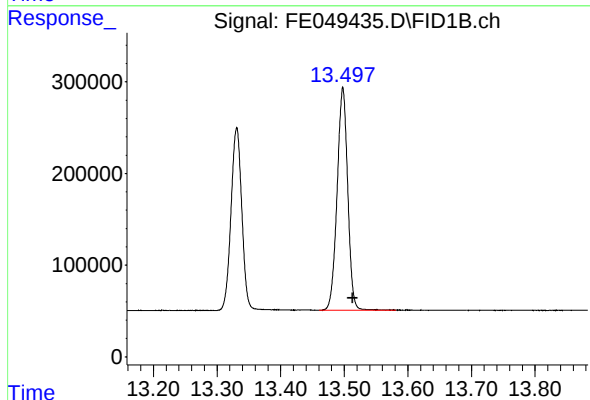
R.T.: 11.895 min
Delta R.T.: -0.016 min
Response: 3097837
Conc: 19.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



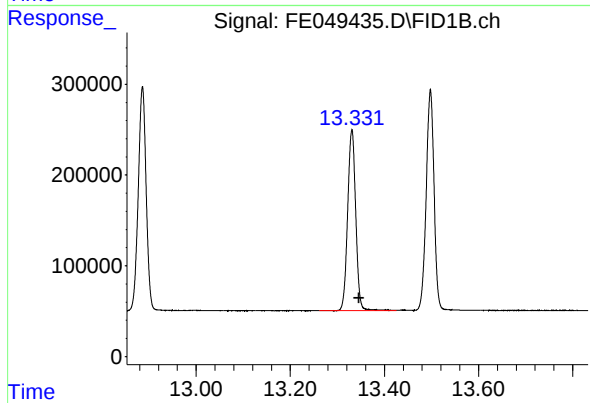
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.015 min
Response: 2871620
Conc: 19.86 ug/ml



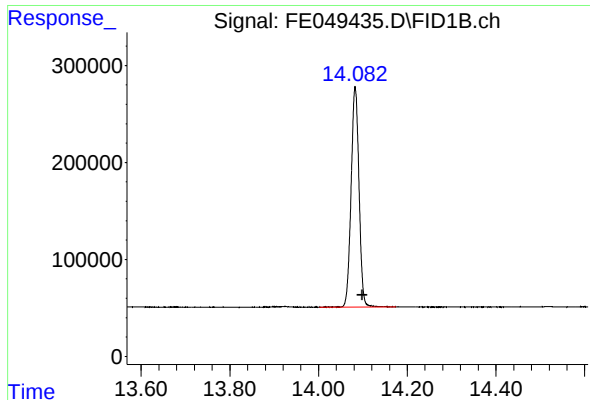
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.015 min
Response: 2823836
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

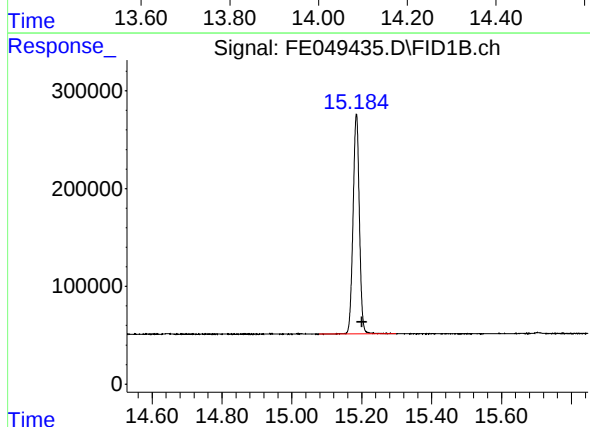
R.T.: 13.331 min
Delta R.T.: -0.016 min
Response: 2366761
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

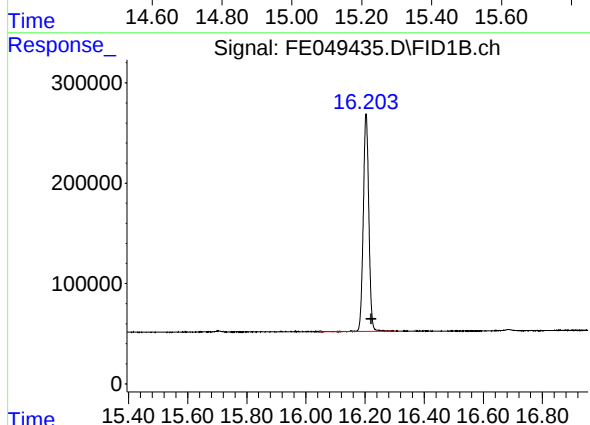
R.T.: 14.083 min
Delta R.T.: -0.016 min
Response: 2804128
Conc: 19.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



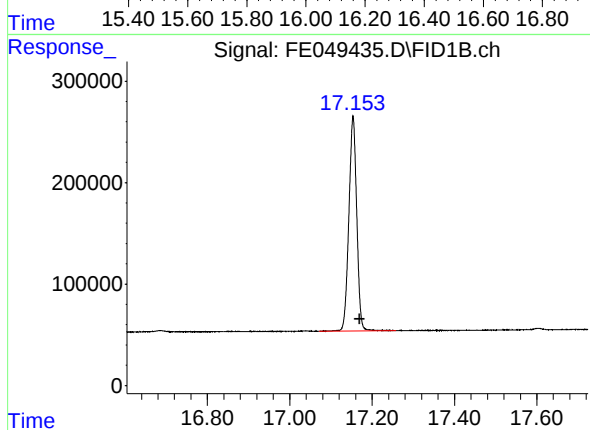
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.016 min
Response: 2821257
Conc: 20.13 ug/ml



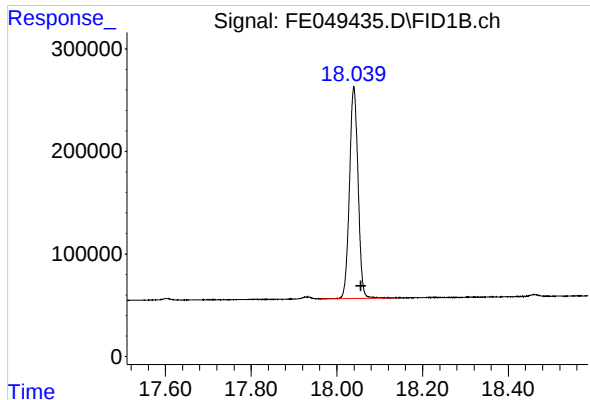
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.017 min
Response: 2808854
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

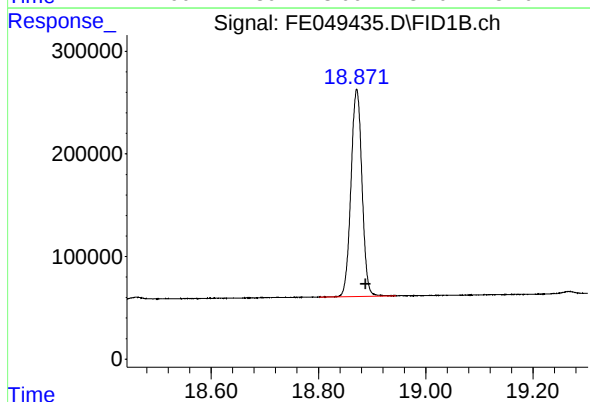
R.T.: 17.154 min
Delta R.T.: -0.016 min
Response: 2795947
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

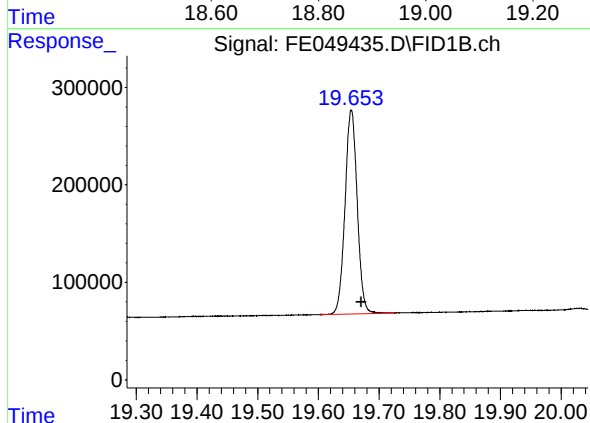
R.T.: 18.040 min
Delta R.T.: -0.017 min
Response: 2869742
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



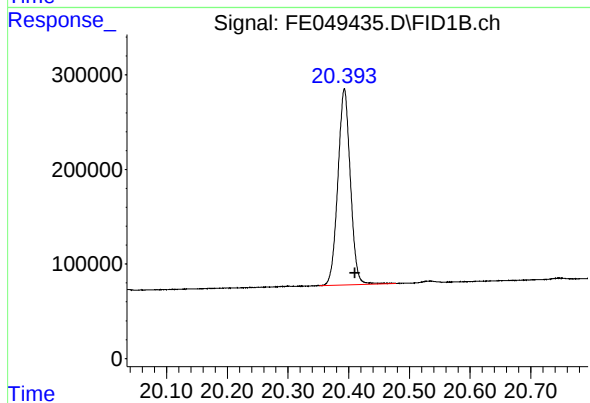
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 2877932
Conc: 19.57 ug/ml



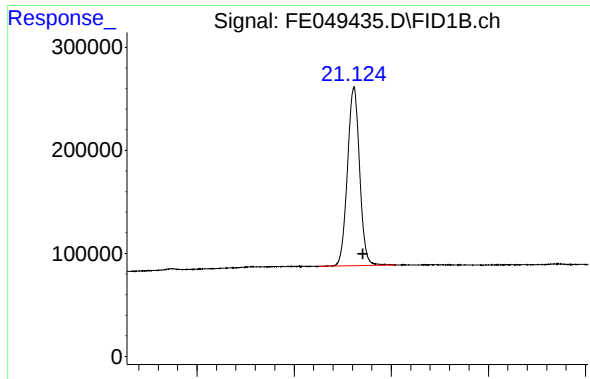
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.017 min
Response: 2931084
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

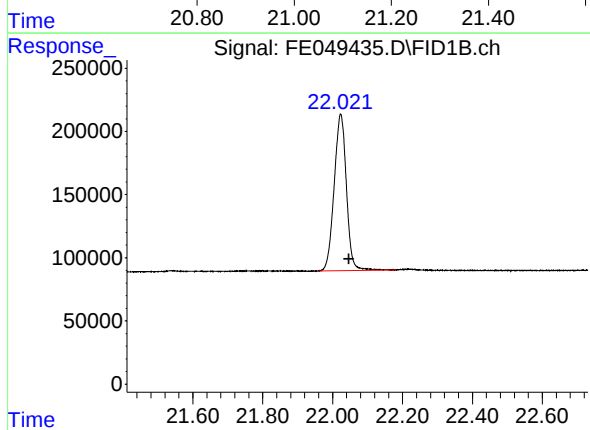
R.T.: 20.393 min
Delta R.T.: -0.018 min
Response: 2958818
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.019 min
Response: 3015814
Conc: 20.15 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.024 min
Response: 3009439
Conc: 19.94 ug/ml