

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041336.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 20:21
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/13/2023
 Supervised By :Ankita Jodhani 04/13/2023

Integration File: autoint1.e
 Quant Time: Apr 13 01:11:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.835	3346753	17.808 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	13.275	2562354	17.809 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
Target Compounds			
1) T n-Nonane (C9)	3.234	3064046	17.659 ug/ml
2) T n-Decane (C10)	4.482	2993586	17.587 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3219814	17.603 ug/ml
4) T n-Dodecane (C12)	6.647	3080778	17.761 ug/ml
5) T A~2-methylnaphthalene...	7.282	2973970	17.957 ug/ml
6) T n-Tetradecane (C14)	8.473	3089053	17.716 ug/ml
7) T n-Hexadecane (C16)	10.079	3159115	17.763 ug/ml
8) T n-Octadecane (C18)	11.521	3183848	17.831 ug/ml
10) T n-Eicosane (C20)	12.830	3066914	17.980 ug/ml
11) T n-Heneicosane (C21)	13.442	3056444	18.066 ug/ml
13) T n-Docosane (C22)	14.027	2985215	18.039 ug/ml
14) T n-Tetracosane (C24)	15.131	2917162	18.031 ug/ml
15) T n-Hexacosane (C26)	16.154	2803790	18.087 ug/ml
16) T n-Octacosane (C28)	17.104	2750706	17.957 ug/ml
17) T n-Tricontane (C30)	17.994	2718699	17.786 ug/ml
18) T n-Dotriacontane (C32)	18.826	2740259	17.551 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	2770092	17.875 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	2757297	18.152 ug/ml
21) T n-Octatriacontane (C38)	21.077	2839080	18.174 ug/mlm
22) T n-Tetracontane (C40)	21.955	2995497	18.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

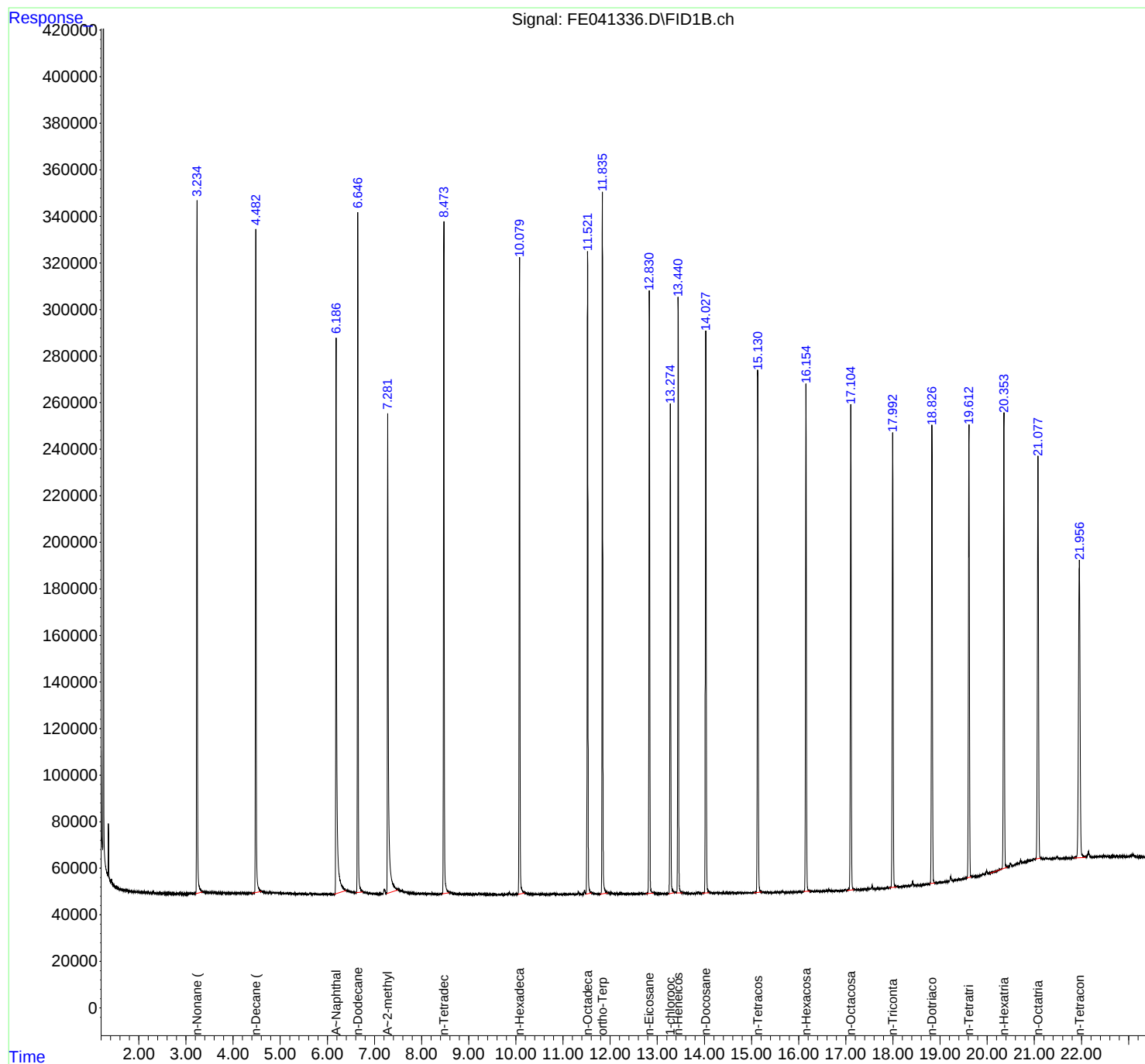
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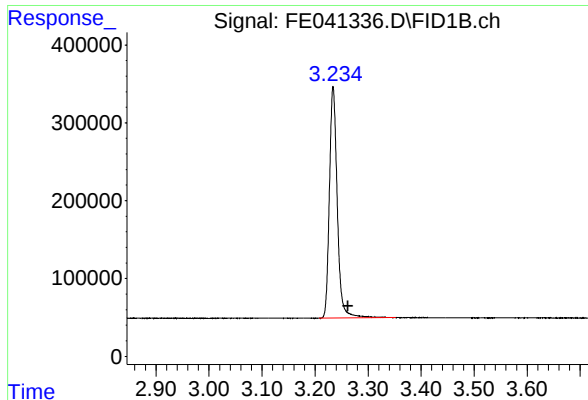
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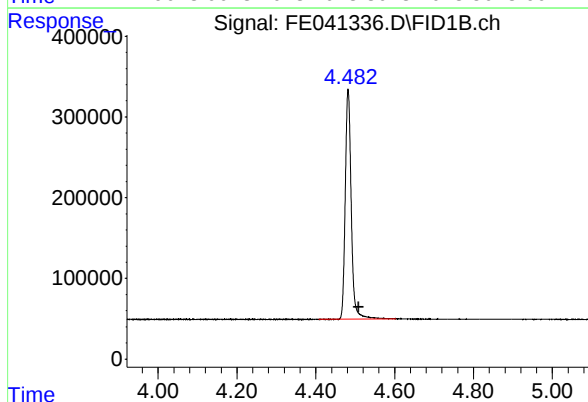
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.028 min
Response: 3064046
Conc: 17.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

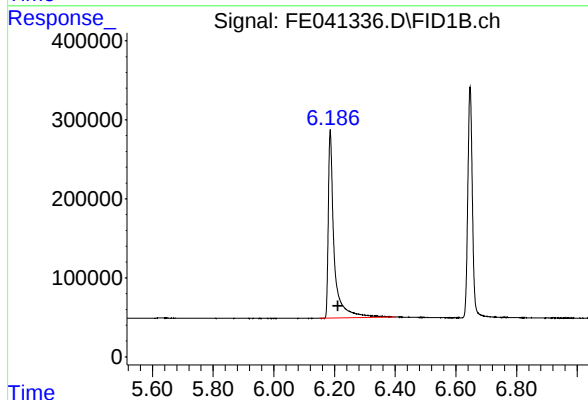
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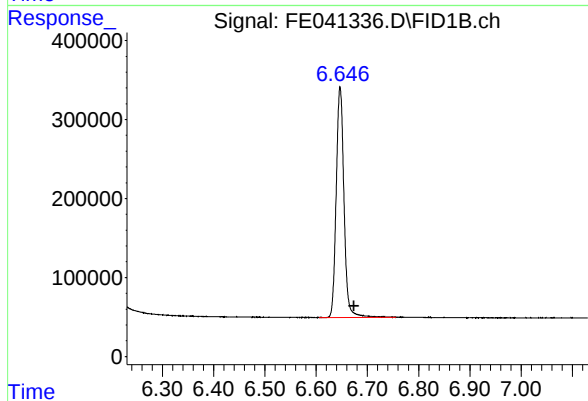
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.027 min
Response: 2993586
Conc: 17.59 ug/ml



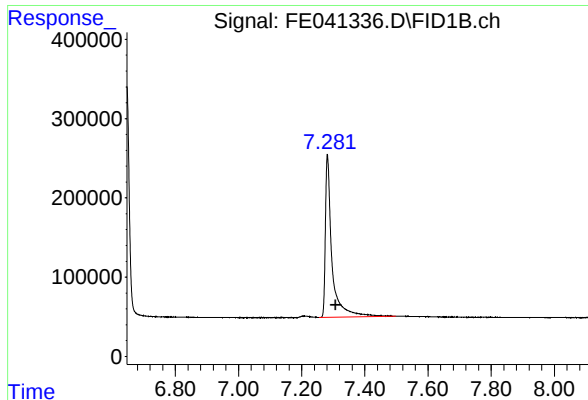
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 3219814
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.027 min
Response: 3080778
Conc: 17.76 ug/ml



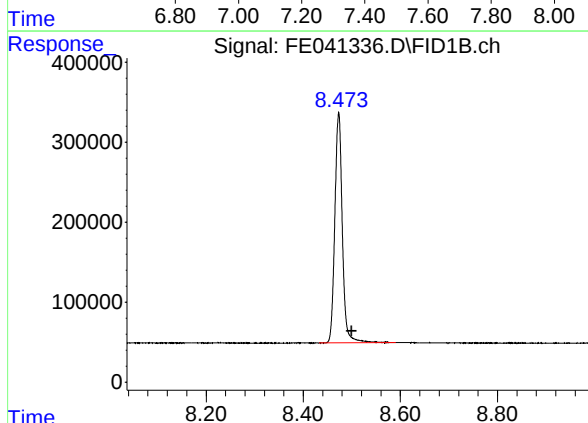
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.026 min
Response: 2973970
Conc: 17.96 ug/ml

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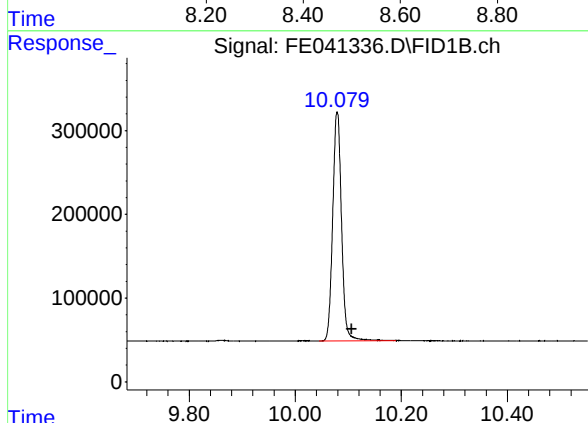
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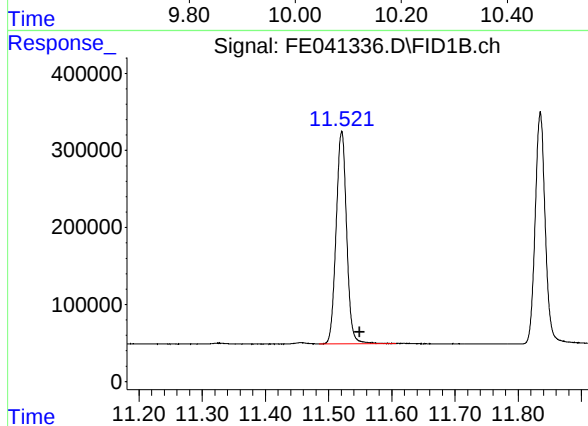
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.027 min
Response: 3089053
Conc: 17.72 ug/ml



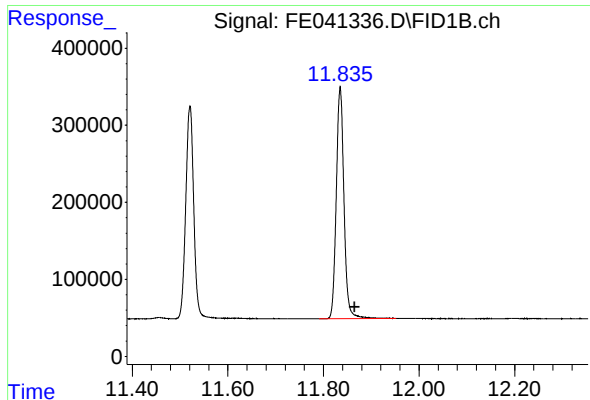
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.027 min
Response: 3159115
Conc: 17.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.029 min
Response: 3183848
Conc: 17.83 ug/ml



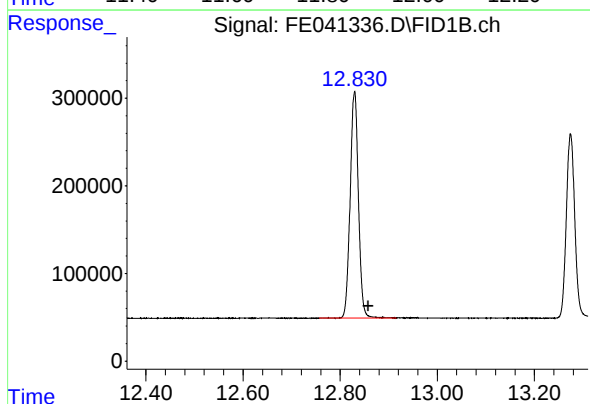
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.030 min
Response: 3346753
Conc: 17.81 ug/ml

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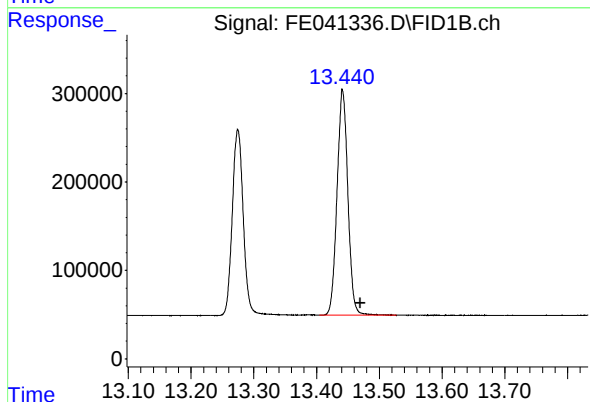
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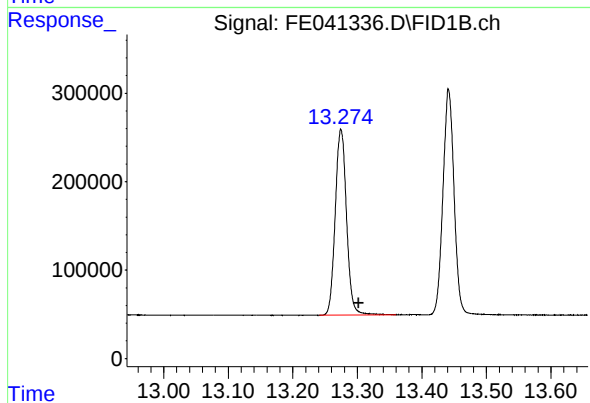
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.029 min
Response: 3066914
Conc: 17.98 ug/ml



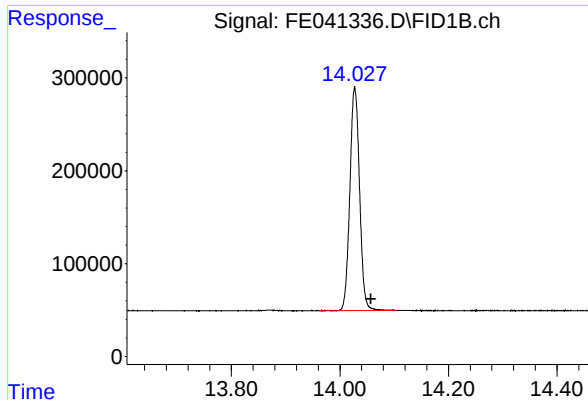
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.028 min
Response: 3056444
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.027 min
Response: 2562354
Conc: 17.81 ug/ml



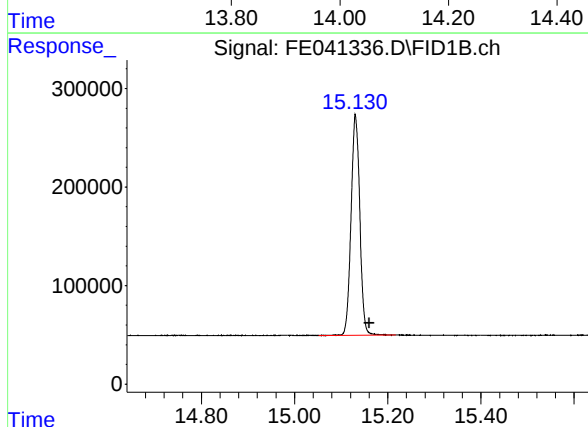
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.030 min
Response: 2985215
Conc: 18.04 ug/ml

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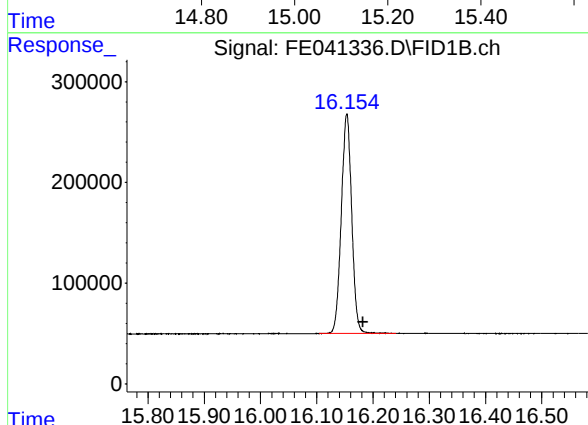
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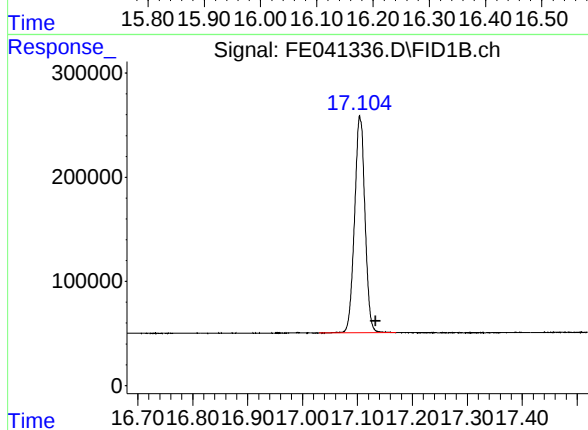
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.030 min
Response: 2917162
Conc: 18.03 ug/ml



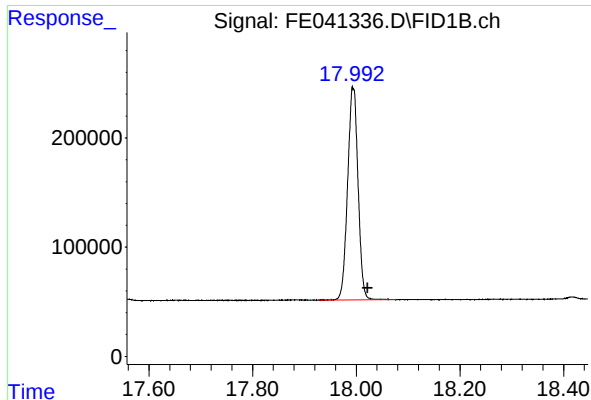
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 2803790
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.029 min
Response: 2750706
Conc: 17.96 ug/ml



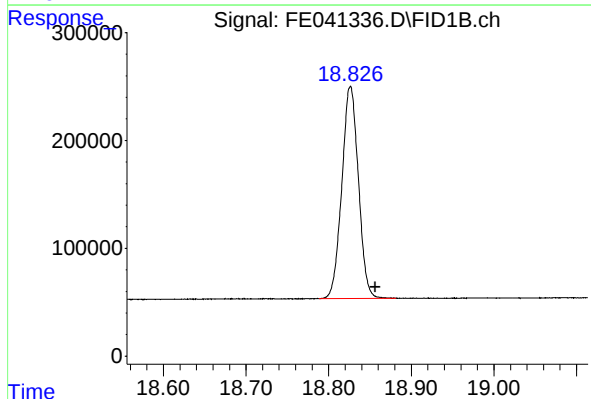
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.028 min
Response: 2718699
Conc: 17.79 ug/ml

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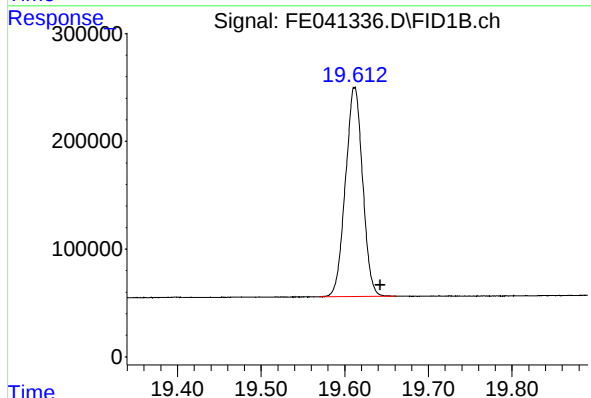
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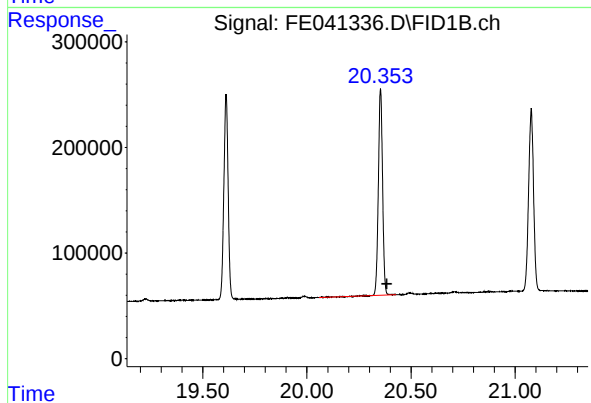
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.030 min
Response: 2740259
Conc: 17.55 ug/ml m



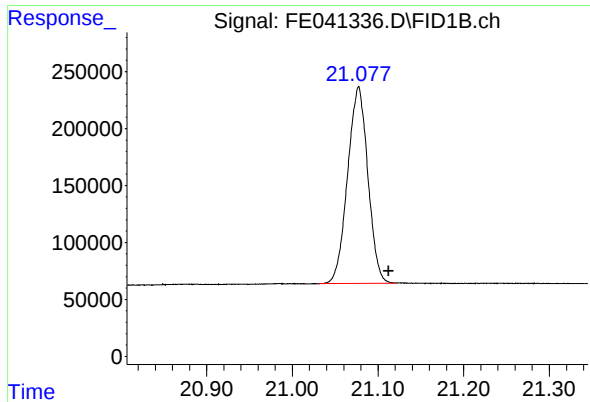
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.030 min
Response: 2770092
Conc: 17.88 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.031 min
Response: 2757297
Conc: 18.15 ug/ml



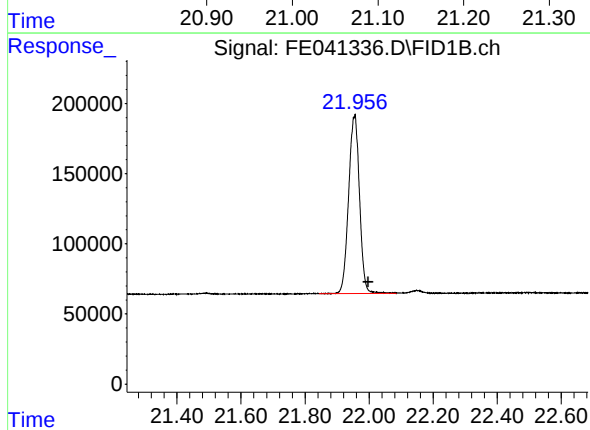
#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.035 min
Response: 2839080
Conc: 18.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.043 min
Response: 2995497
Conc: 18.77 ug/ml