

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041231.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 18:02
 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 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:01:57 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)	11.840	3774199	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.280	2934006	20.392 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.241	3358627	19.357 ug/ml
2) T n-Decane (C10)	4.487	3380601	19.861 ug/ml
3) T A~Naphthalene (C11.7)	6.189	3728355	20.384 ug/ml
4) T n-Dodecane (C12)	6.651	3457609	19.933 ug/ml
5) T A~2-methylnaphthalene...	7.284	3487529	21.058 ug/ml
6) T n-Tetradecane (C14)	8.477	3495908	20.049 ug/ml
7) T n-Hexadecane (C16)	10.084	3597639	20.228 ug/ml
8) T n-Octadecane (C18)	11.526	3628741	20.323 ug/ml
10) T n-Eicosane (C20)	12.835	3492823	20.477 ug/ml
11) T n-Heneicosane (C21)	13.447	3454271	20.417 ug/ml
13) T n-Docosane (C22)	14.033	3423832	20.690 ug/ml
14) T n-Tetracosane (C24)	15.136	3413576	21.099 ug/ml
15) T n-Hexacosane (C26)	16.158	3323510	21.440 ug/ml
16) T n-Octacosane (C28)	17.109	3351746	21.881 ug/ml
17) T n-Tricontane (C30)	17.998	3501996	22.911 ug/ml
18) T n-Dotriacontane (C32)	18.832	3607213	23.104 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	3484335	22.484 ug/mlm
20) T n-Hexatriacontane (C36)	20.359	3325532	21.893 ug/ml
21) T n-Octatriacontane (C38)	21.084	3341886	21.392 ug/mlm
22) T n-Tetracontane (C40)	21.962	3463150	21.698 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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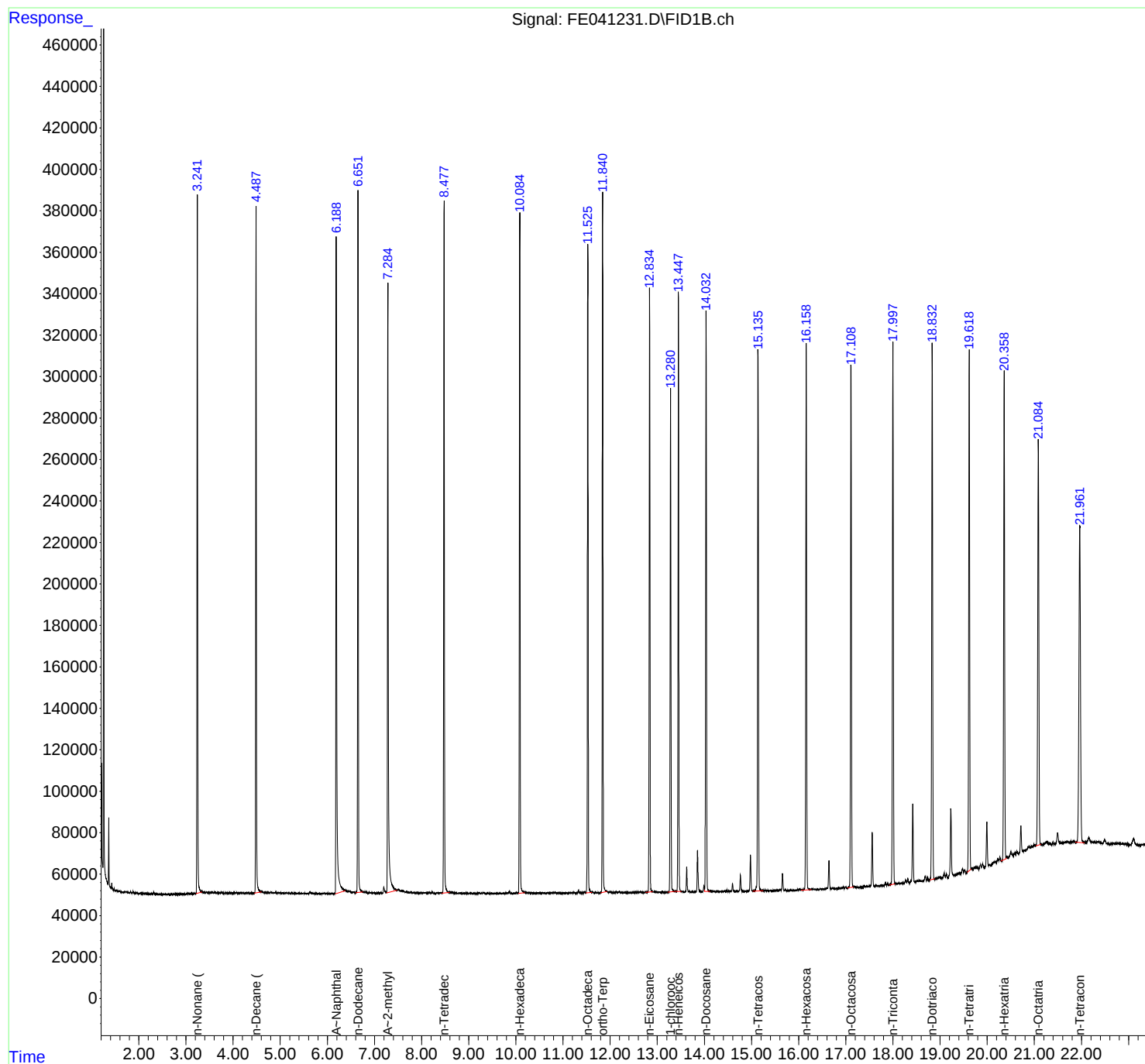
Instrument :
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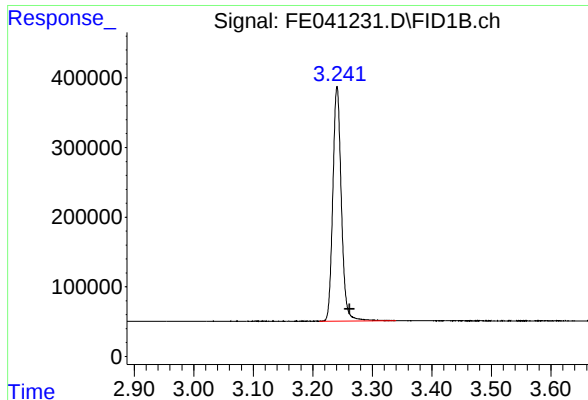
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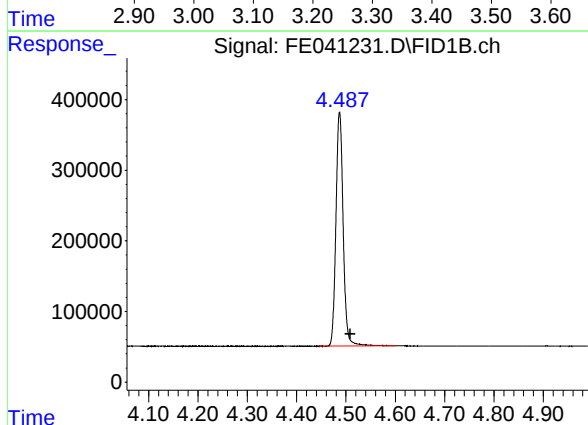
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: -0.021 min
Response: 3358627
Conc: 19.36 ug/ml

Instrument : FID_E
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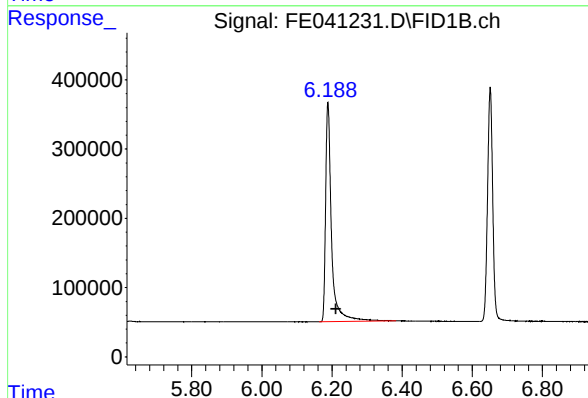
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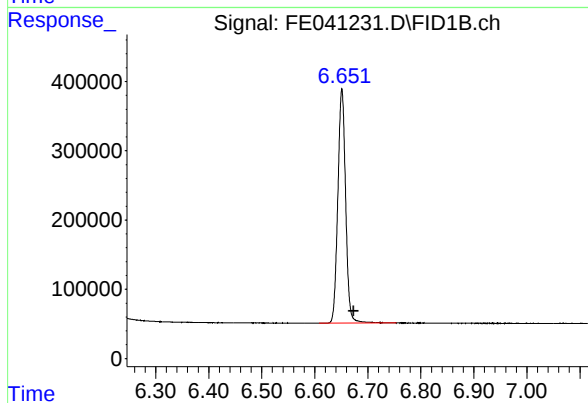
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.022 min
Response: 3380601
Conc: 19.86 ug/ml



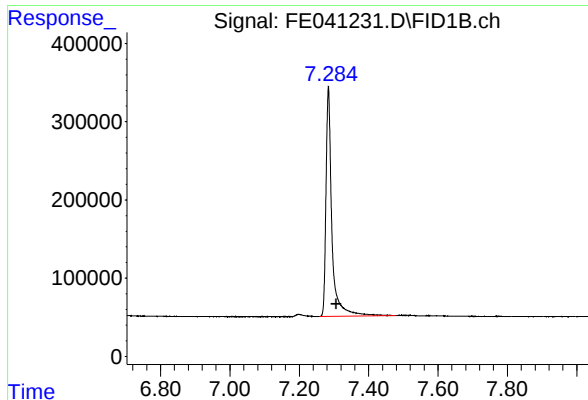
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.023 min
Response: 3728355
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.022 min
Response: 3457609
Conc: 19.93 ug/ml



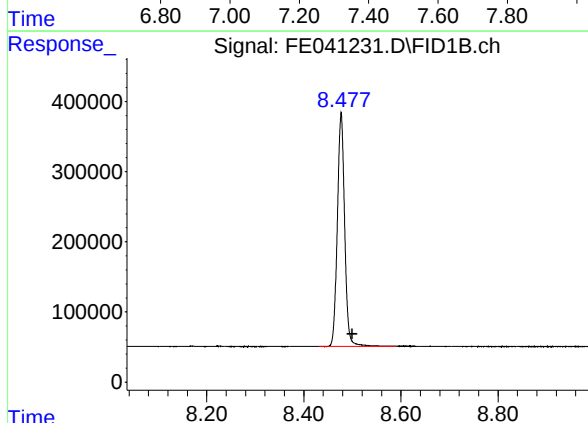
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.284 min
Delta R.T.: -0.023 min
Response: 3487529
Conc: 21.06 ug/ml

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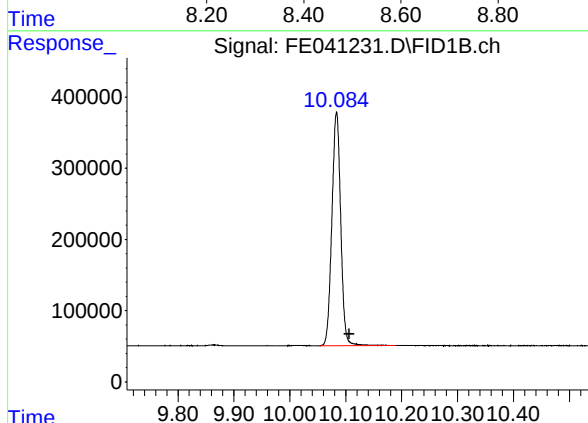
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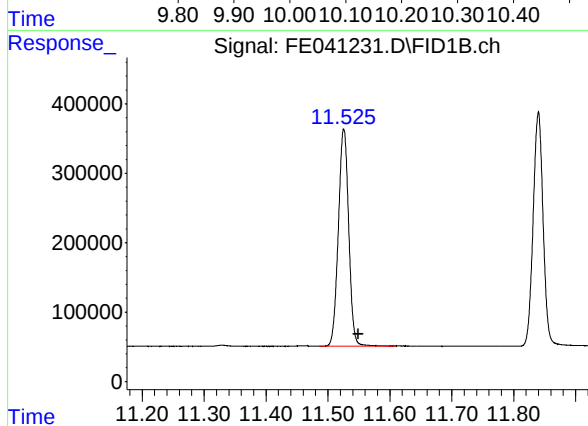
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.023 min
Response: 3495908
Conc: 20.05 ug/ml



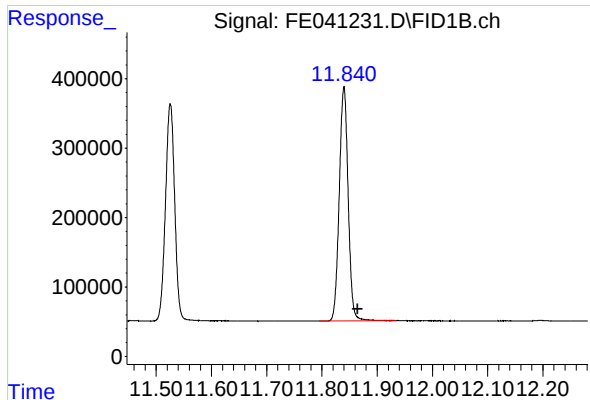
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.023 min
Response: 3597639
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.024 min
Response: 3628741
Conc: 20.32 ug/ml



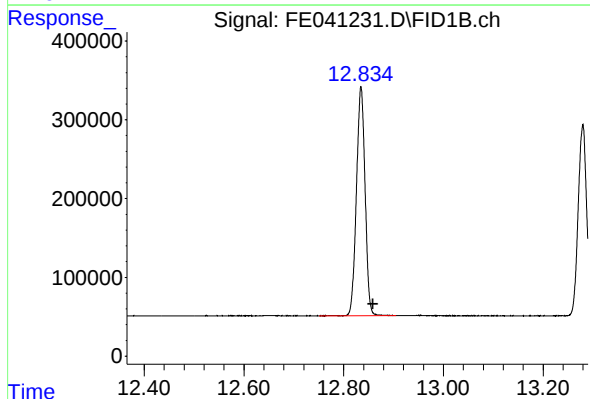
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.025 min
Response: 3774199
Conc: 20.08 ug/ml

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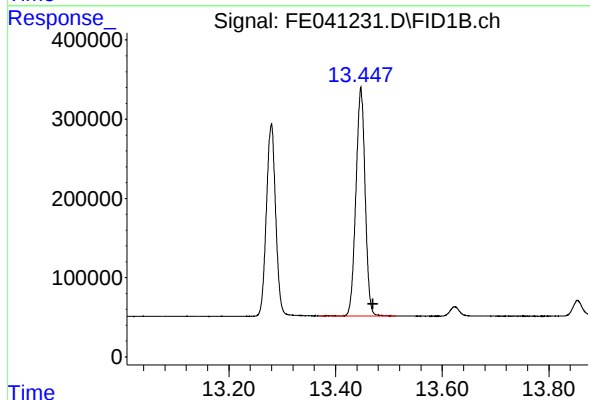
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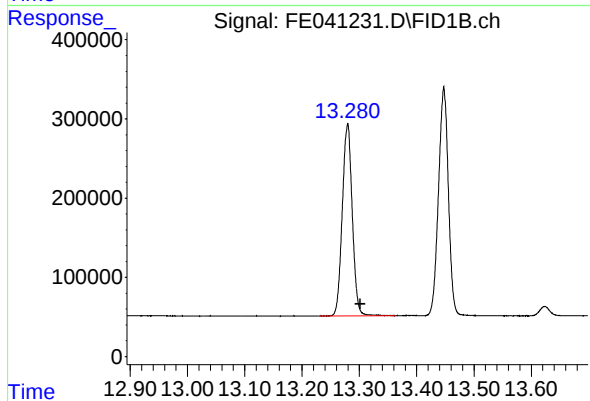
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.024 min
Response: 3492823
Conc: 20.48 ug/ml



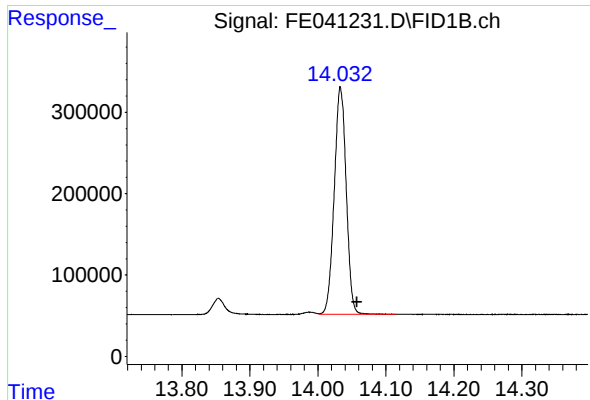
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.022 min
Response: 3454271
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.022 min
Response: 2934006
Conc: 20.39 ug/ml



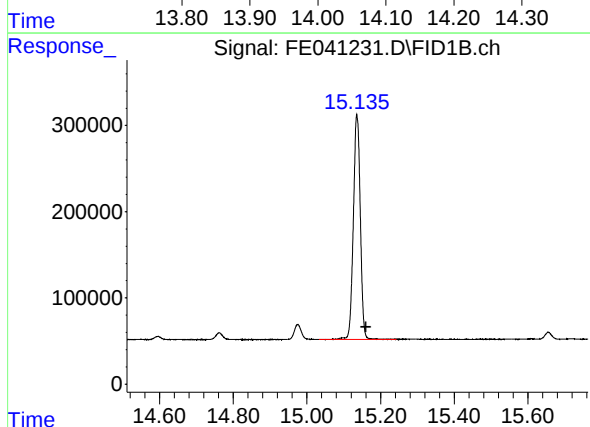
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.024 min
Response: 3423832
Conc: 20.69 ug/ml

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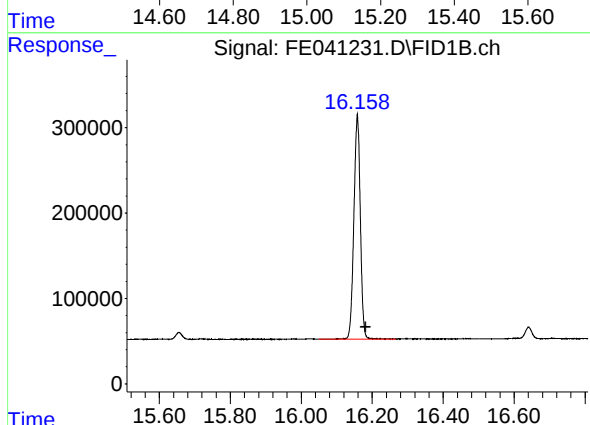
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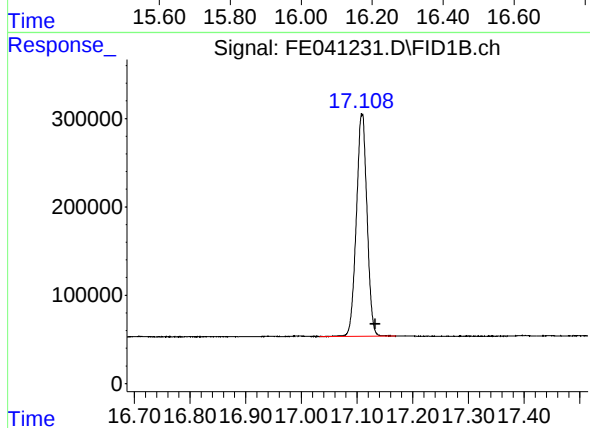
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.025 min
Response: 3413576
Conc: 21.10 ug/ml



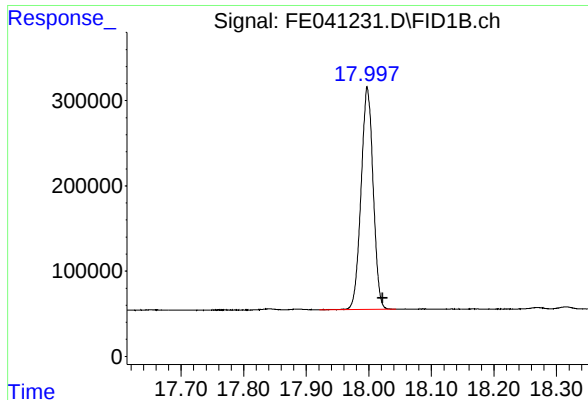
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 3323510
Conc: 21.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.024 min
Response: 3351746
Conc: 21.88 ug/ml



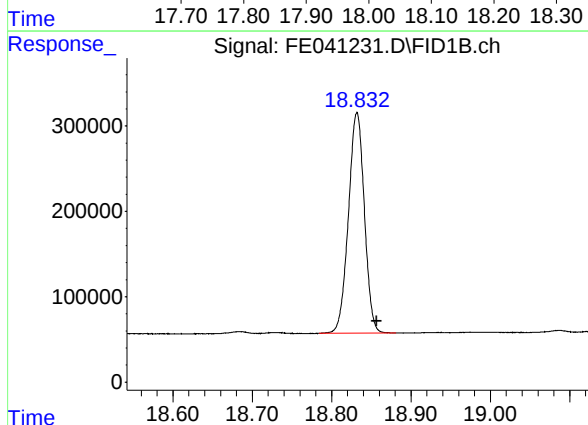
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.025 min
Response: 3501996
Conc: 22.91 ug/ml

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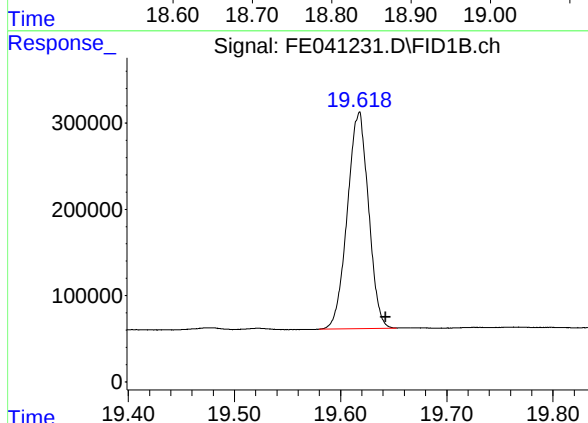
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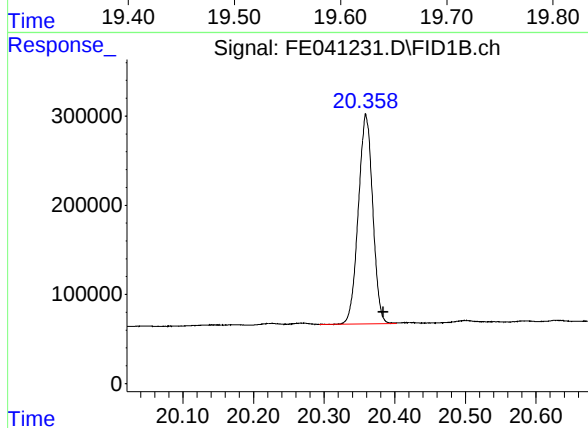
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.025 min
Response: 3607213
Conc: 23.10 ug/ml m



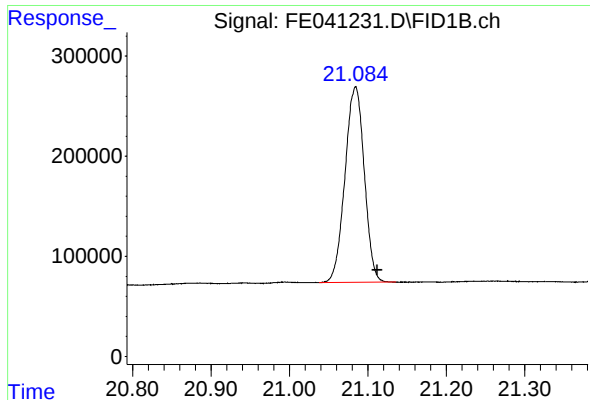
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.025 min
Response: 3484335
Conc: 22.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.025 min
Response: 3325532
Conc: 21.89 ug/ml



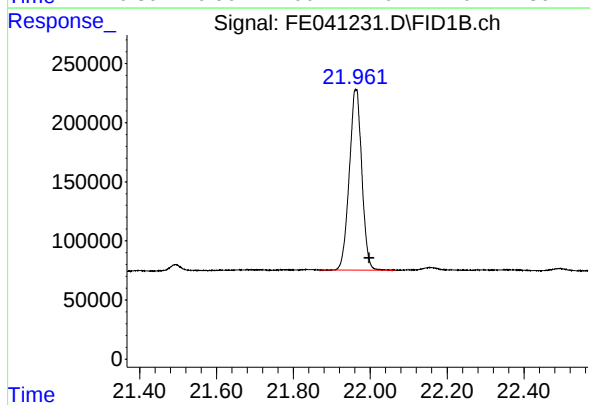
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.028 min
Response: 3341886
Conc: 21.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.036 min
Response: 3463150
Conc: 21.70 ug/ml