

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020824AL\
 Data File : FE046660.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2024 02:28
 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 :Ankita Jodhani 02/09/2024
 Supervised By :Sohil Jodhani 02/09/2024

Integration File: autoint1.e
 Quant Time: Feb 09 04:35:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.811	3304588	17.871 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.253	2495733	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
Target Compounds			
1) T n-Nonane (C9)	3.199	3160089	19.564 ug/mlm
2) T n-Decane (C10)	4.451	3239825	19.769 ug/ml
3) T A~Naphthalene (C11.7)	6.155	3344286	19.557 ug/ml
4) T n-Dodecane (C12)	6.618	3265436	19.741 ug/ml
5) T A~2-methylnaphthalene...	7.252	3162043	19.826 ug/ml
6) T n-Tetradecane (C14)	8.444	3188075	19.452 ug/ml
7) T n-Hexadecane (C16)	10.053	3237269	18.945 ug/ml
8) T n-Octadecane (C18)	11.497	3209663	18.411 ug/ml
10) T n-Eicosane (C20)	12.807	3038265	17.895 ug/ml
11) T n-Heneicosane (C21)	13.420	2942850	17.644 ug/ml
13) T n-Docosane (C22)	14.005	2913793	17.588 ug/ml
14) T n-Tetracosane (C24)	15.110	2893371	17.535 ug/ml
15) T n-Hexacosane (C26)	16.133	2835173	17.566 ug/ml
16) T n-Octacosane (C28)	17.085	2822000	17.977 ug/ml
17) T n-Tricontane (C30)	17.972	2925315	18.676 ug/ml
18) T n-Dotriacontane (C32)	18.807	2857298	18.903 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2716085	19.150 ug/mlm
20) T n-Hexatriacontane (C36)	20.333	2520629	18.287 ug/ml
21) T n-Octatriacontane (C38)	21.058	2841107	22.162 ug/ml
22) T n-Tetracontane (C40)	21.943	2913030	23.297 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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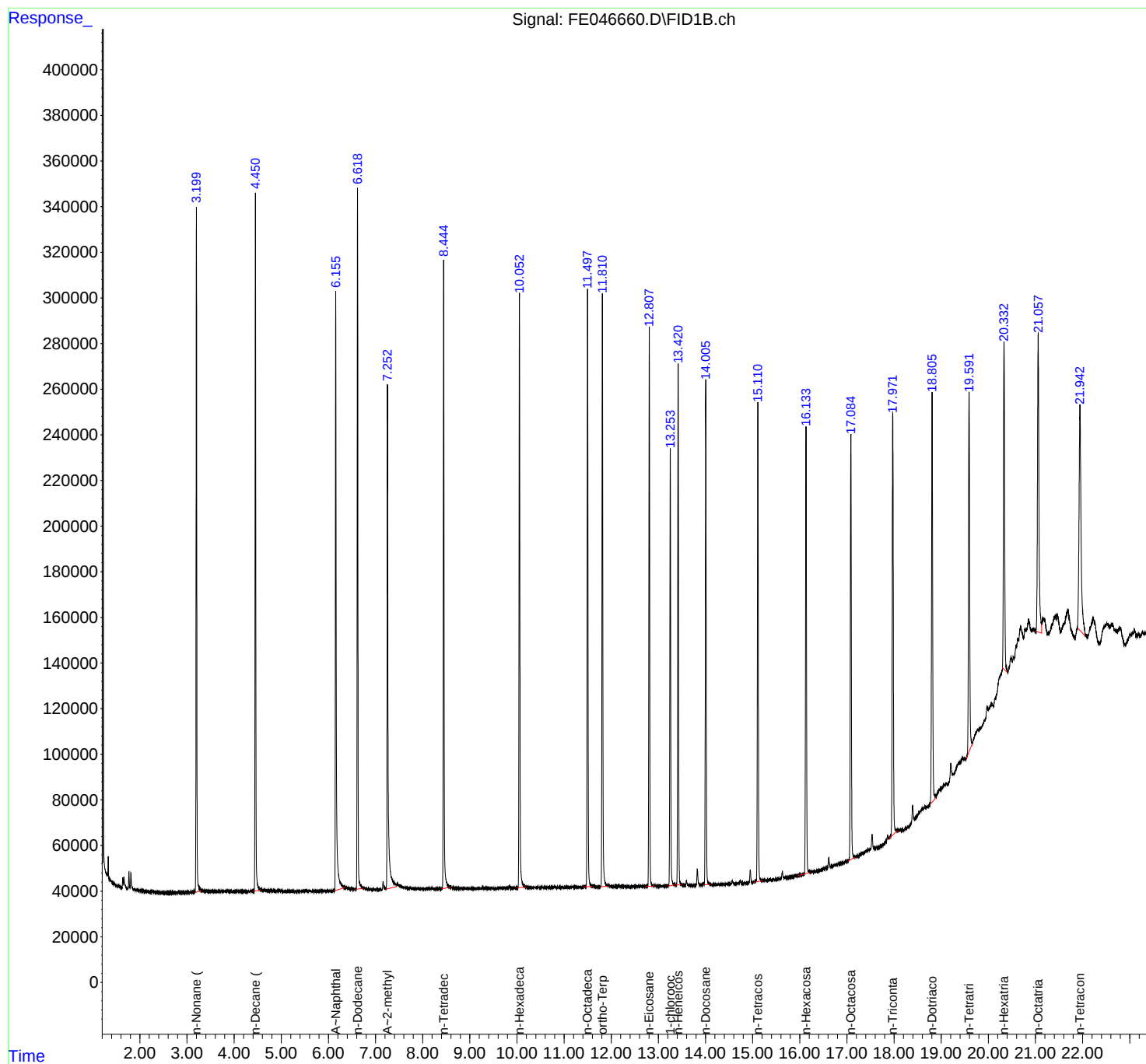
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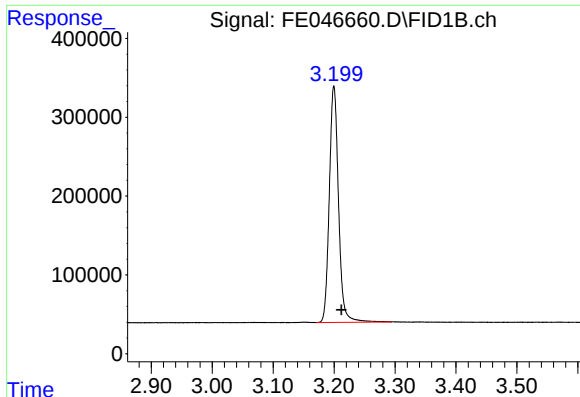
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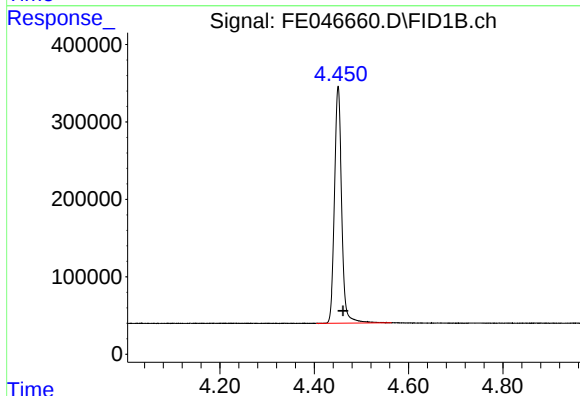
#1 n-Nonane (C9)

R.T.: 3.199 min
Delta R.T.: -0.013 min
Response: 3160089
Conc: 19.56 ug/ml

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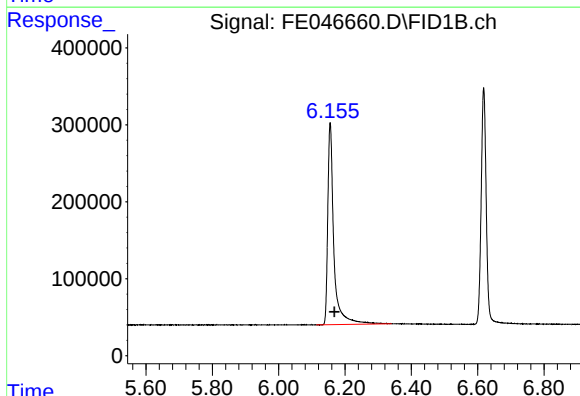
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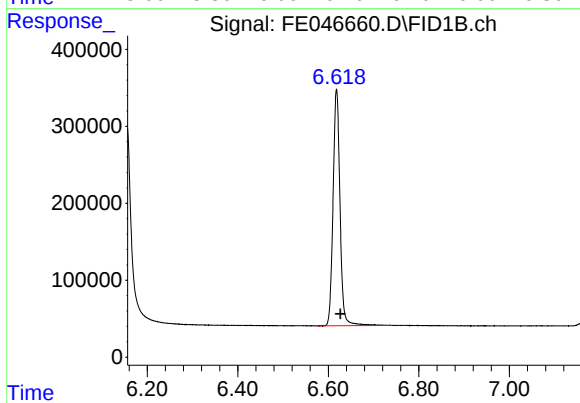
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.010 min
Response: 3239825
Conc: 19.77 ug/ml



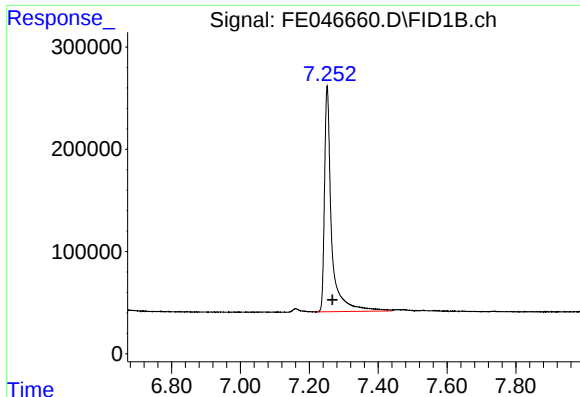
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.013 min
Response: 3344286
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 3265436
Conc: 19.74 ug/ml



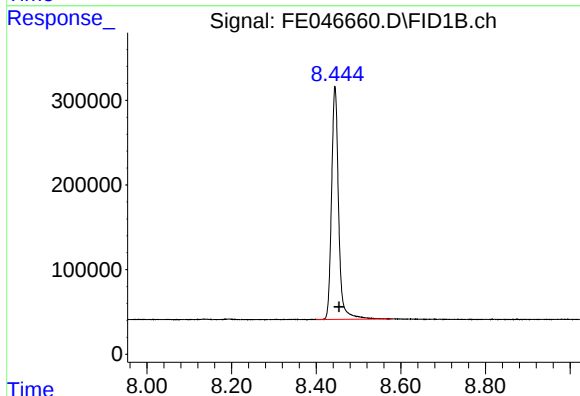
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.015 min
Response: 3162043
Conc: 19.83 ug/ml

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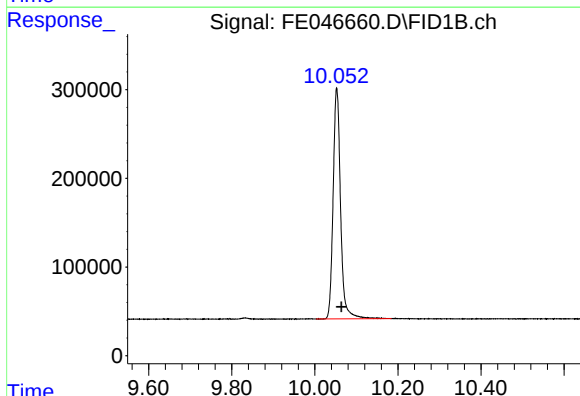
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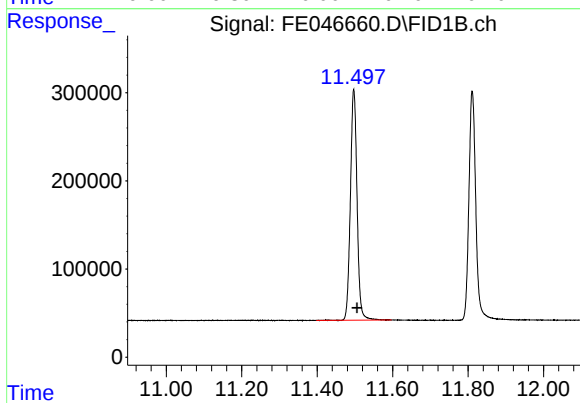
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: -0.010 min
Response: 3188075
Conc: 19.45 ug/ml



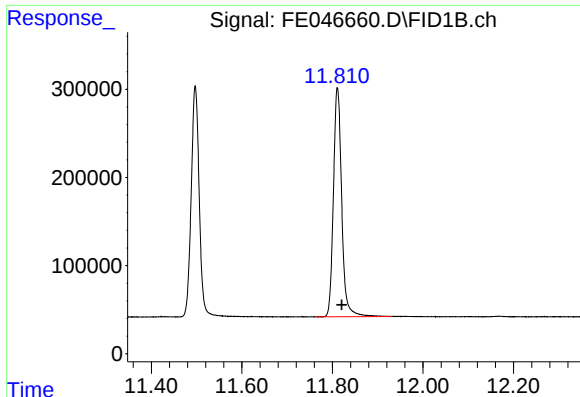
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 3237269
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 3209663
Conc: 18.41 ug/ml



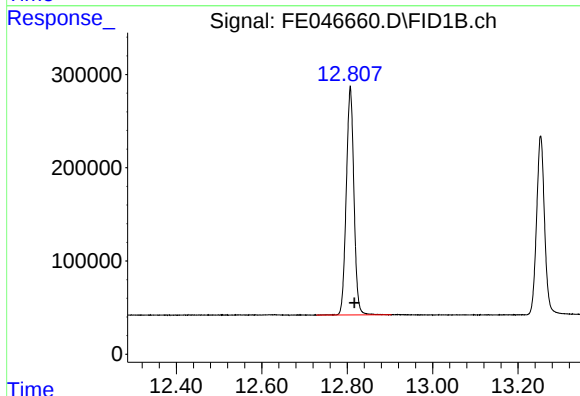
#9 ortho-Terphenyl (SURR)

R.T.: 11.811 min
Delta R.T.: -0.009 min
Response: 3304588
Conc: 17.87 ug/ml

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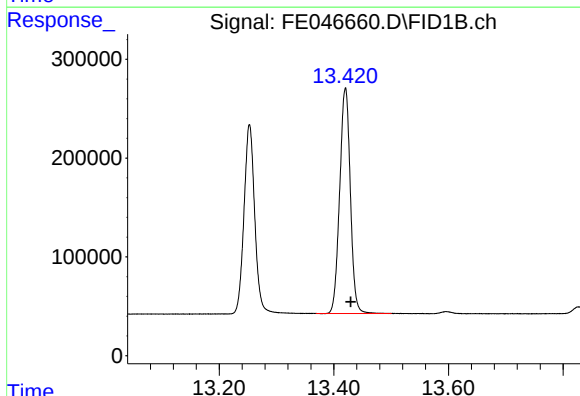
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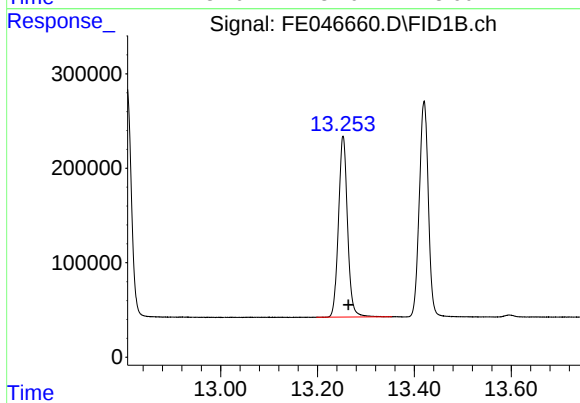
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.010 min
Response: 3038265
Conc: 17.89 ug/ml



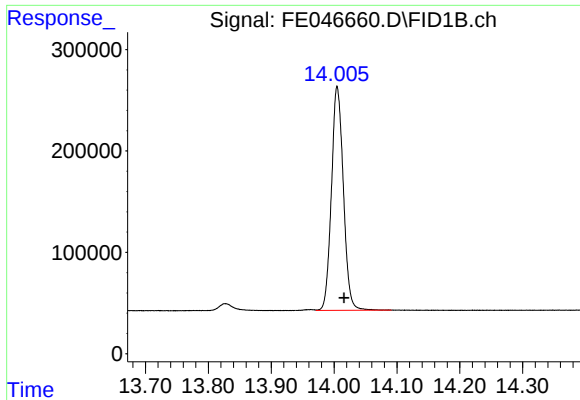
#11 n-Heneicosane (C21)

R.T.: 13.420 min
Delta R.T.: -0.009 min
Response: 2942850
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.253 min
Delta R.T.: -0.011 min
Response: 2495733
Conc: 17.54 ug/ml



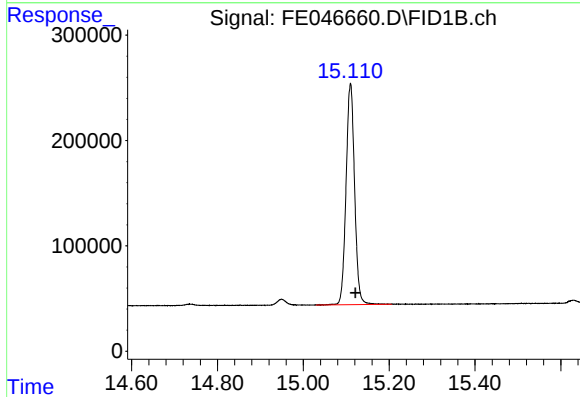
#13 n-Docosane (C22)

R.T.: 14.005 min
Delta R.T.: -0.011 min
Response: 2913793
Conc: 17.59 ug/ml

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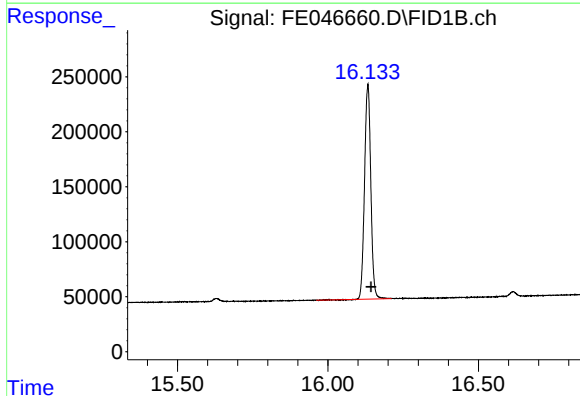
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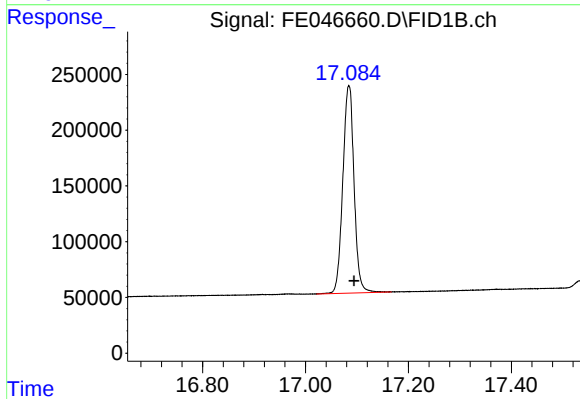
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.011 min
Response: 2893371
Conc: 17.54 ug/ml



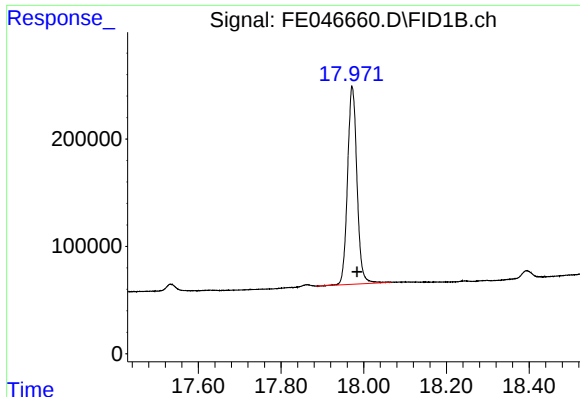
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.011 min
Response: 2835173
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.010 min
Response: 2822000
Conc: 17.98 ug/ml



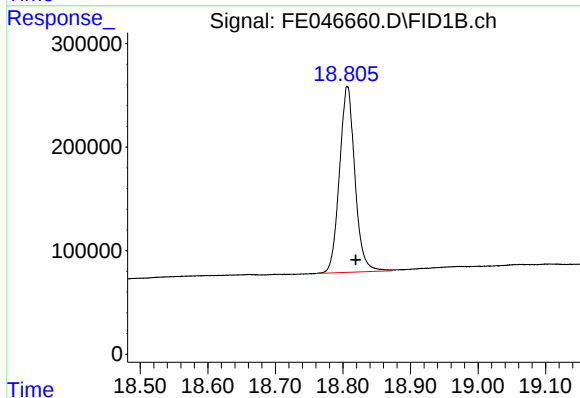
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.012 min
Response: 2925315
Conc: 18.68 ug/ml

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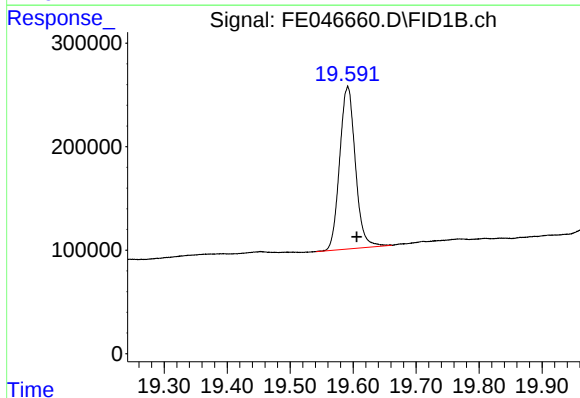
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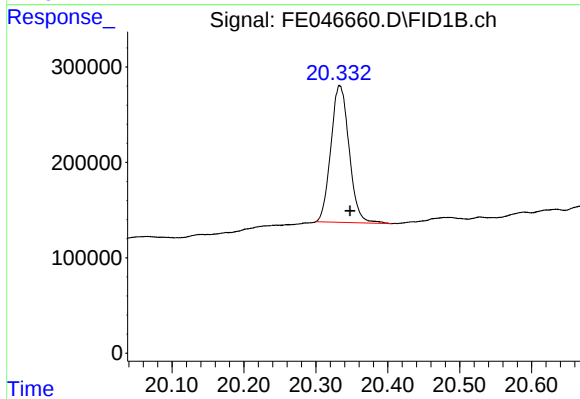
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.012 min
Response: 2857298
Conc: 18.90 ug/ml



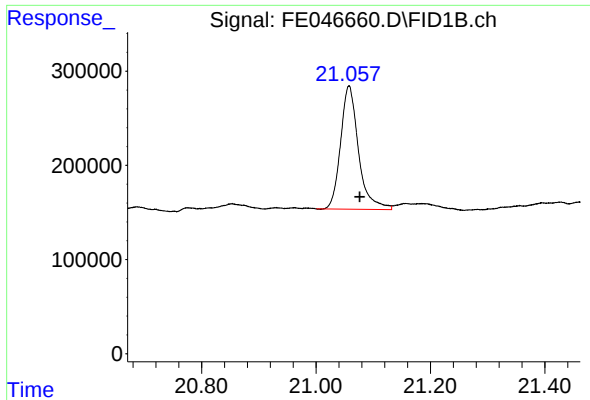
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.015 min
Response: 2716085
Conc: 19.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.014 min
Response: 2520629
Conc: 18.29 ug/ml



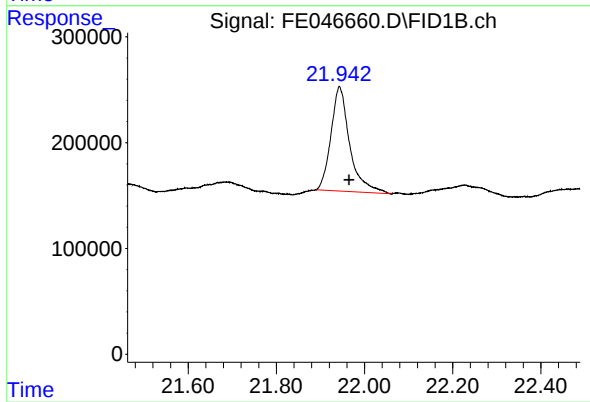
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.019 min
Response: 2841107
Conc: 22.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.022 min
Response: 2913030
Conc: 23.30 ug/ml