

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041053.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 18:59
 Operator : YP\AJ
 Sample : 02105-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WV-SOIL3-0327MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
 Quant Time: Mar 29 01:32:21 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)	11.856	6098361	32.448 ug/ml
Spiked Amount 50.000		Recovery =	64.90%
12) S 1-chlorooctadecane (S...	13.295	4845033	33.674 ug/ml
Spiked Amount 50.000		Recovery =	67.35%
Target Compounds			
1) T n-Nonane (C9)	3.257	4795590	27.638 ug/ml
2) T n-Decane (C10)	4.504	5351624	31.440 ug/ml
3) T A~Naphthalene (C11.7)	6.203	6179874	33.787 ug/ml
4) T n-Dodecane (C12)	6.666	6019460	34.702 ug/ml
5) T A~2-methylnaphthalene...	7.299	6292465	37.995 ug/ml
6) T n-Tetradecane (C14)	8.494	6462568	37.063 ug/ml
7) T n-Hexadecane (C16)	10.100	6985382	39.276 ug/ml
8) T n-Octadecane (C18)	11.542	6929831	38.811 ug/ml
10) T n-Eicosane (C20)	12.852	6808037	39.913 ug/ml
11) T n-Heneicosane (C21)	13.462	6472243	38.256 ug/ml
13) T n-Docosane (C22)	14.049	6342533	38.327 ug/ml
14) T n-Tetracosane (C24)	15.146	12189878	75.346 ug/ml
15) T n-Hexacosane (C26)	16.176	6014670	38.800 ug/ml
16) T n-Octacosane (C28)	17.125	5969111	38.968 ug/ml
17) T n-Tricontane (C30)	18.015	5945956	38.899 ug/ml
18) T n-Dotriacontane (C32)	18.846	5889054	37.719 ug/ml
19) T n-Tetratriacontane (C34)	19.630	5828633	37.612 ug/mlm
20) T n-Hexatriacontane (C36)	20.373	5809676	38.247 ug/ml
21) T n-Octatriacontane (C38)	21.098	5970958	38.222 ug/mlm
22) T n-Tetracontane (C40)	21.983	6315292	39.568 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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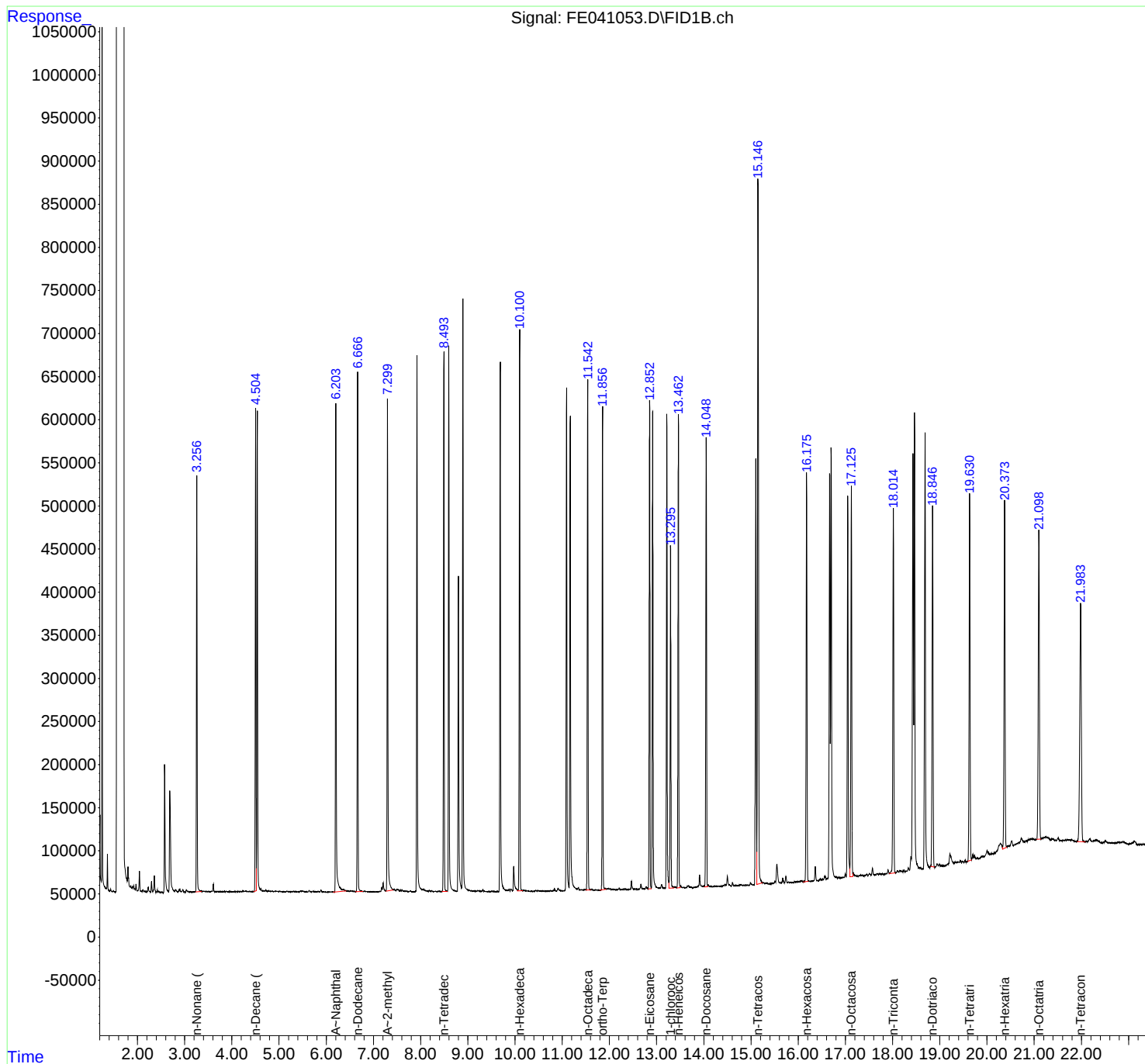
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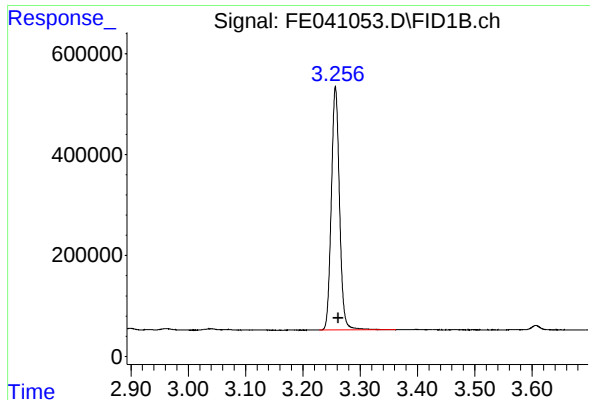
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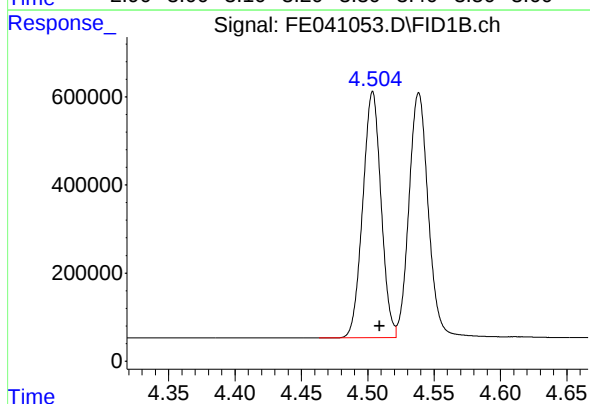
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.005 min
Response: 4795590
Conc: 27.64 ug/ml

Instrument :
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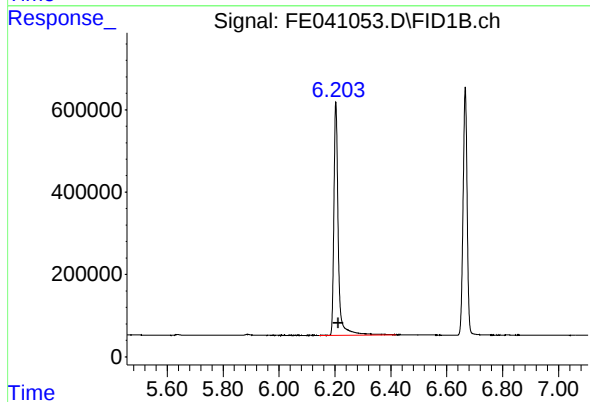
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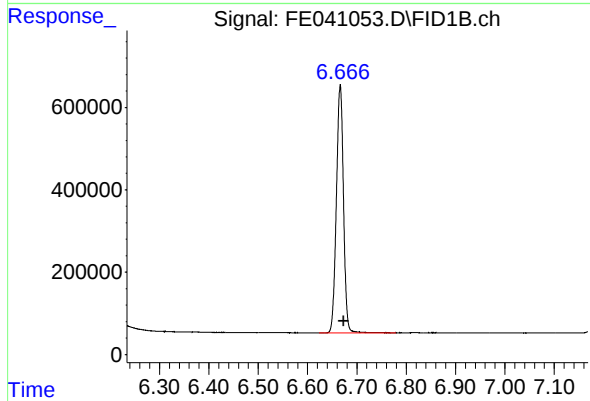
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 5351624
Conc: 31.44 ug/ml



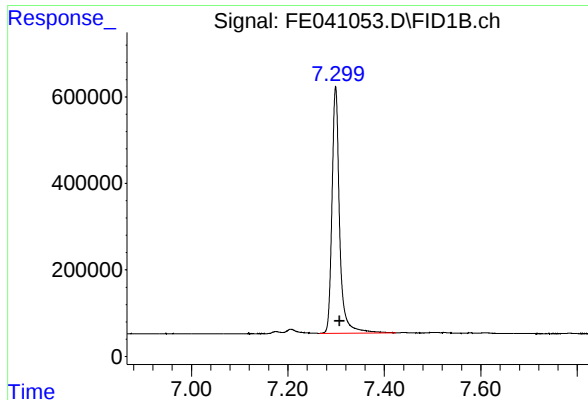
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 6179874
Conc: 33.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.007 min
Response: 6019460
Conc: 34.70 ug/ml



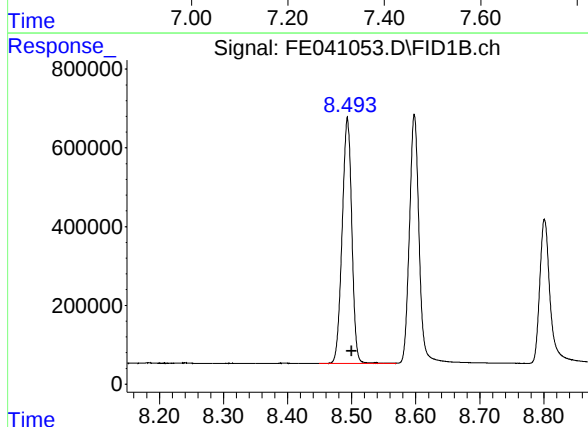
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.299 min
Delta R.T.: -0.008 min
Response: 6292465
Conc: 37.99 ug/ml

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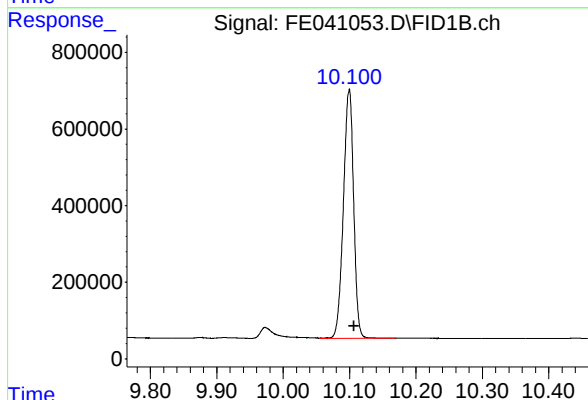
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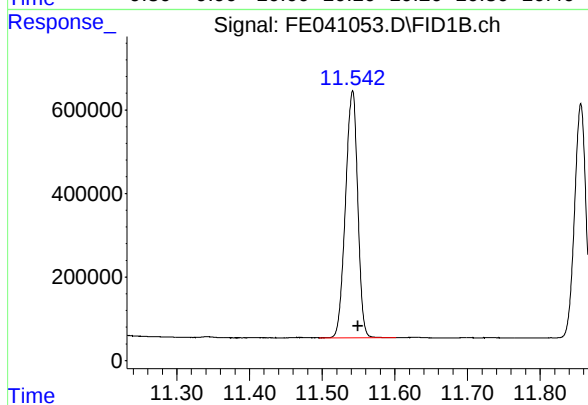
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 6462568
Conc: 37.06 ug/ml



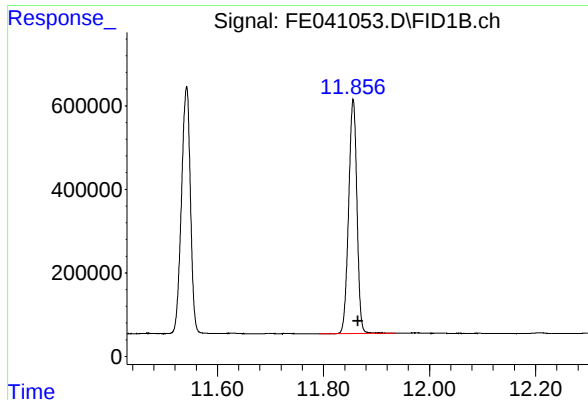
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 6985382
Conc: 39.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.007 min
Response: 6929831
Conc: 38.81 ug/ml



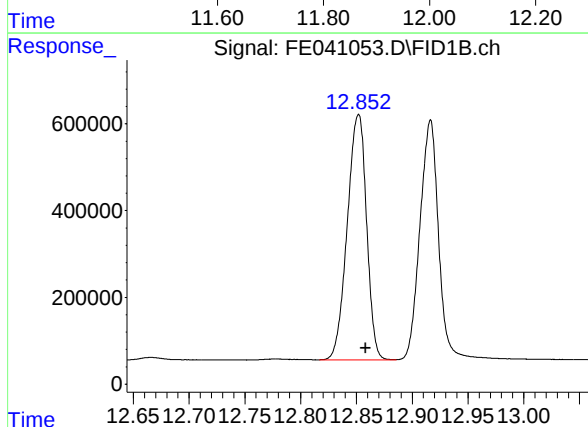
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.009 min
Response: 6098361
Conc: 32.45 ug/ml

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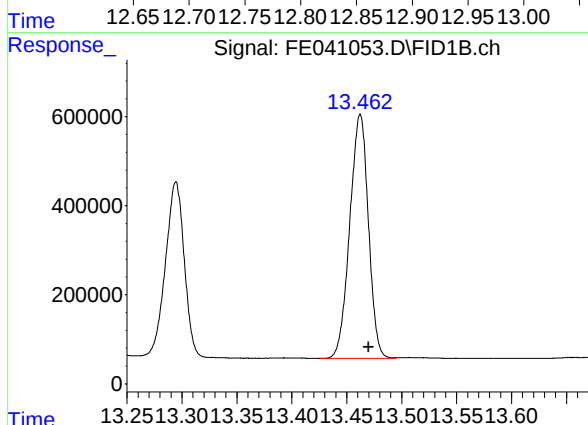
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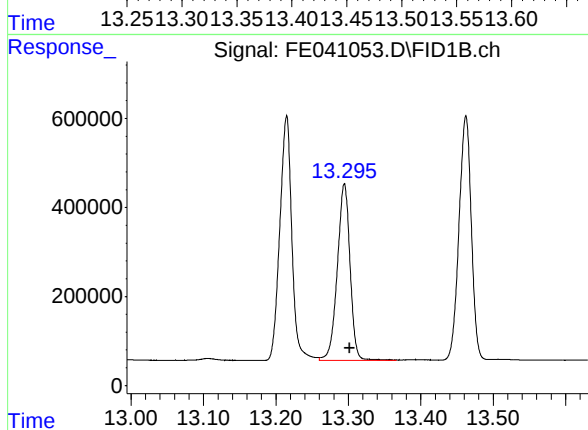
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.007 min
Response: 6808037
Conc: 39.91 ug/ml



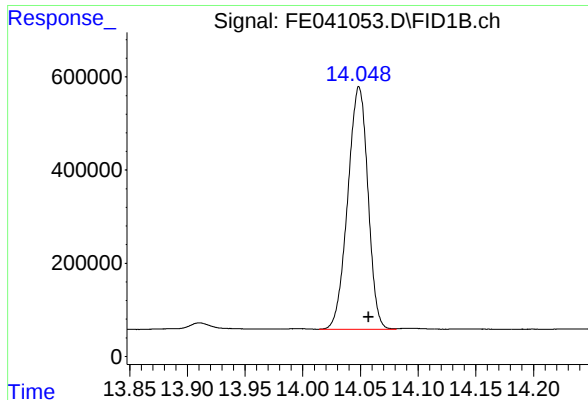
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.008 min
Response: 6472243
Conc: 38.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.007 min
Response: 4845033
Conc: 33.67 ug/ml



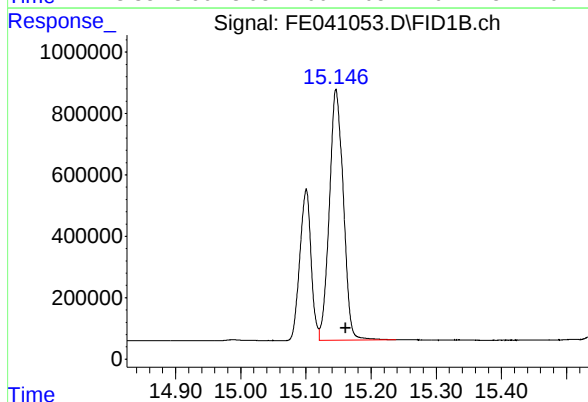
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.008 min
Response: 6342533
Conc: 38.33 ug/ml

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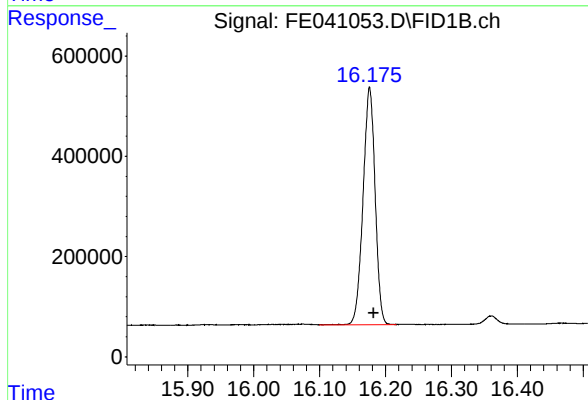
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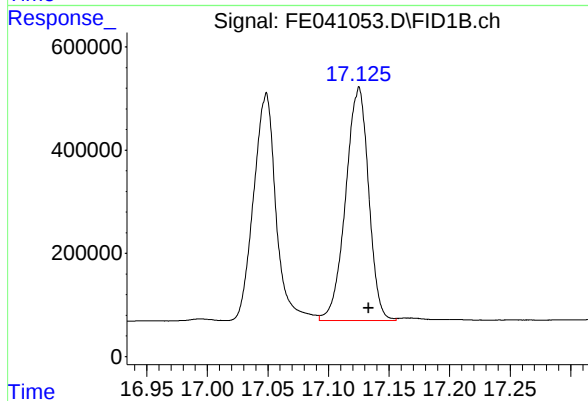
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 12189878
Conc: 75.35 ug/ml



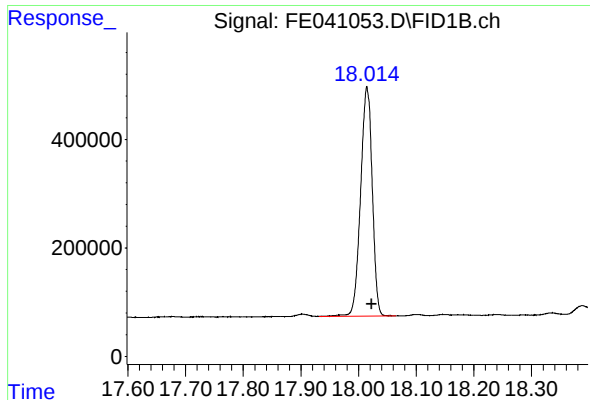
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.006 min
Response: 6014670
Conc: 38.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.008 min
Response: 5969111
Conc: 38.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.008 min
Response: 5945956
Conc: 38.90 ug/ml

Instrument :

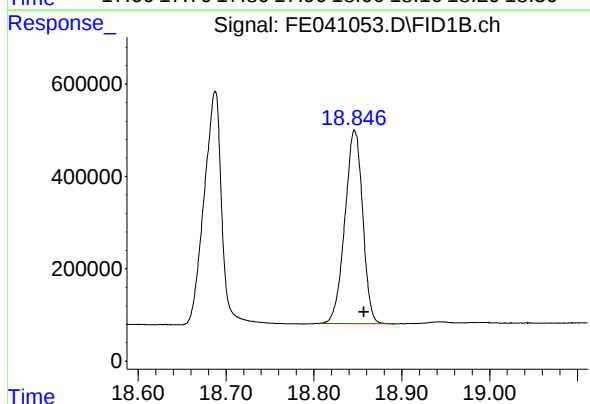
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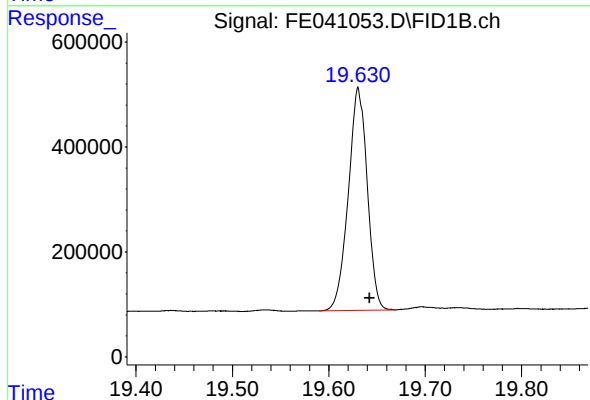
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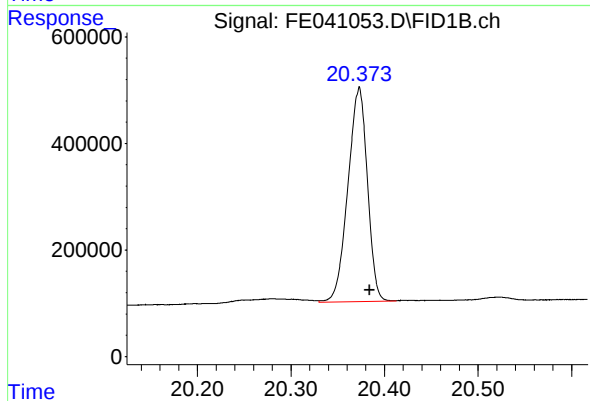
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.010 min
Response: 5889054
Conc: 37.72 ug/ml



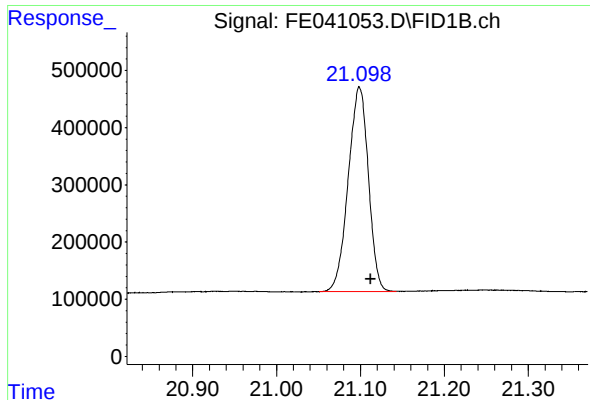
#19 n-Tetatriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.012 min
Response: 5828633
Conc: 37.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 5809676
Conc: 38.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.014 min
Response: 5970958
Conc: 38.22 ug/ml

Instrument :

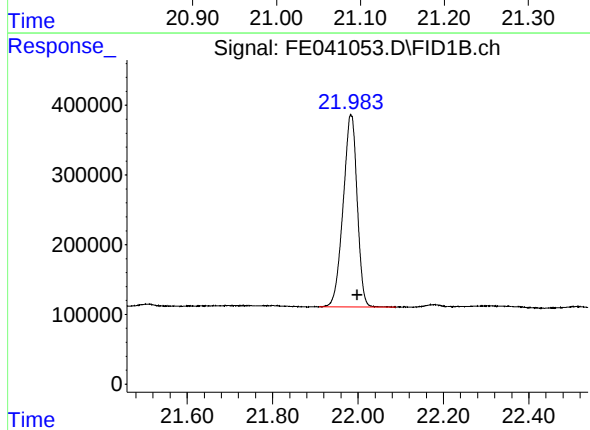
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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.015 min
Response: 6315292
Conc: 39.57 ug/ml