

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091523AL\
 Data File : FE044316.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2023 20:41
 Operator : YP\AJ
 Sample : 04441-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11976MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :Ankita Jodhani 09/18/2023

Integration File: autoint1.e
 Quant Time: Sep 16 03:46:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.930	6575651	34.709 ug/ml
Spiked Amount 50.000		Recovery =	69.42%
12) S 1-chlorooctadecane (S...	13.368	5246110	37.975 ug/ml
Spiked Amount 50.000		Recovery =	75.95%
Target Compounds			
1) T n-Nonane (C9)	3.317	4686234	28.727 ug/ml
2) T n-Decane (C10)	4.569	5352398	32.202 ug/ml
3) T A~Naphthalene (C11.7)	6.269	5937097	33.155 ug/ml
4) T n-Dodecane (C12)	6.732	5824844	34.635 ug/ml
5) T A~2-methylnaphthalene...	7.364	5989316	34.936 ug/ml
6) T n-Tetradecane (C14)	8.561	6117890	36.480 ug/ml
7) T n-Hexadecane (C16)	10.168	6616696	38.283 ug/ml
8) T n-Octadecane (C18)	11.613	7037004	40.426 ug/ml
10) T n-Eicosane (C20)	12.925	7186107	43.444 ug/ml
11) T n-Heneicosane (C21)	13.537	6896858	42.638 ug/ml
13) T n-Docosane (C22)	14.123	6813696	42.649 ug/ml
14) T n-Tetracosane (C24)	15.211	13061708	83.527 ug/mlm
15) T n-Hexacosane (C26)	16.250	6388975	42.380 ug/ml
16) T n-Octacosane (C28)	17.199	6339458	43.929 ug/ml
17) T n-Tricontane (C30)	18.090	6246399	42.995 ug/ml
18) T n-Dotriacontane (C32)	18.922	6088309	42.741 ug/ml
19) T n-Tetratriacontane (C34)	19.708	5973200	42.684 ug/ml
20) T n-Hexatriacontane (C36)	20.448	5741921	41.883 ug/ml
21) T n-Octatriacontane (C38)	21.191	5861831	42.227 ug/ml
22) T n-Tetracontane (C40)	22.115	6175595	44.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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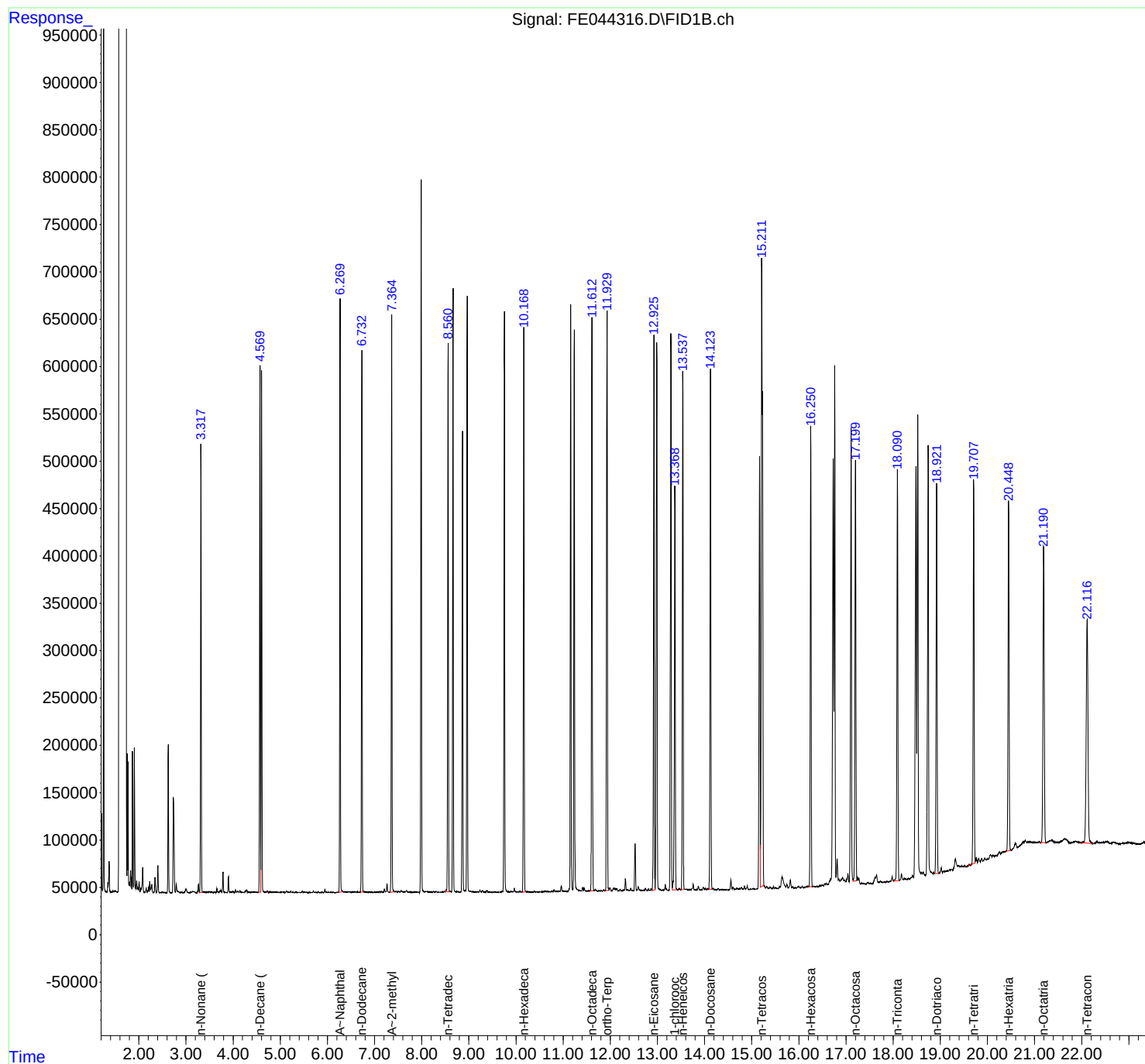
Instrument :
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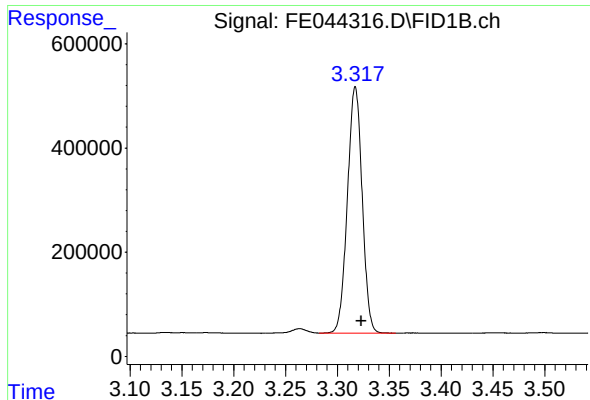
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 4686234
Conc: 28.73 ug/ml

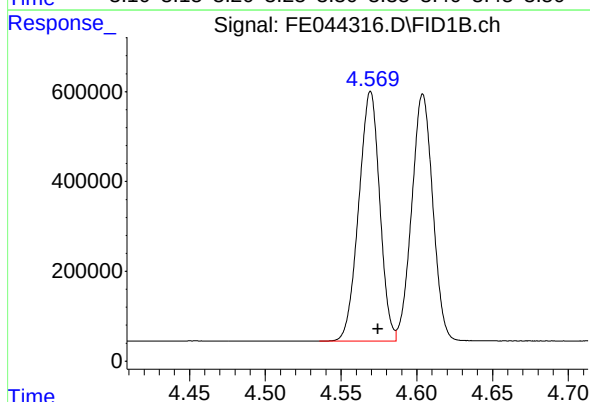
Instrument :

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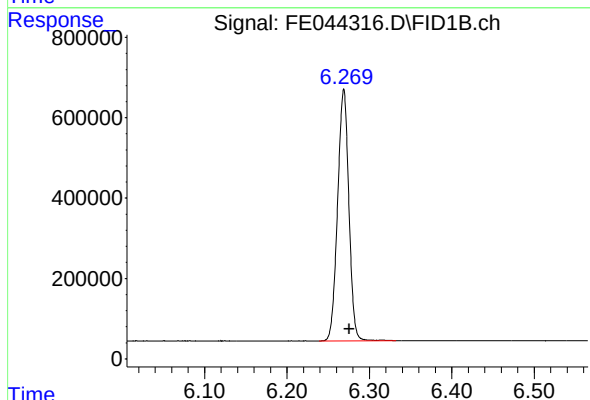
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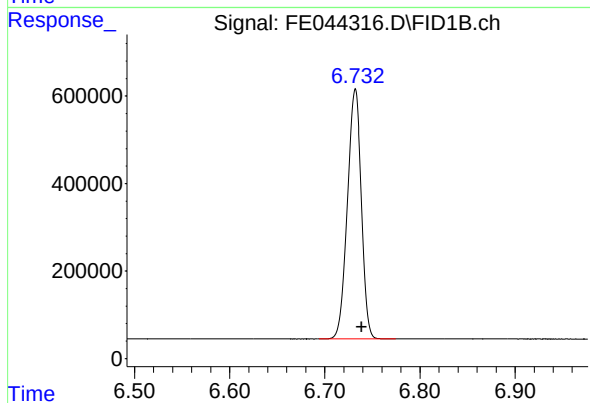
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 5352398
Conc: 32.20 ug/ml



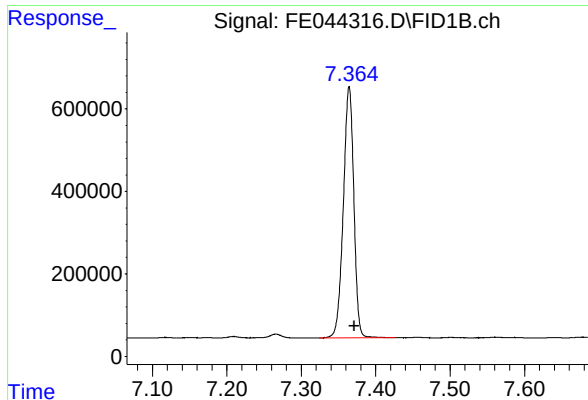
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 5937097
Conc: 33.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 5824844
Conc: 34.64 ug/ml



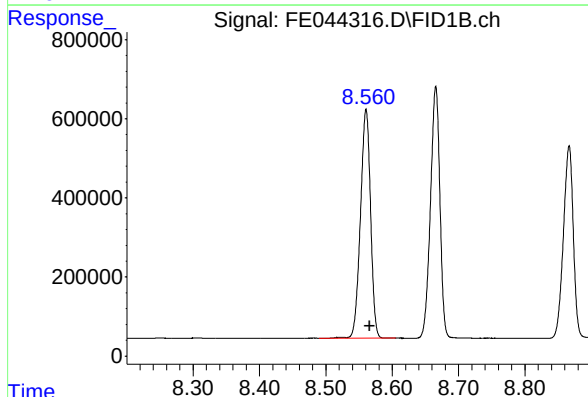
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 5989316
Conc: 34.94 ug/ml

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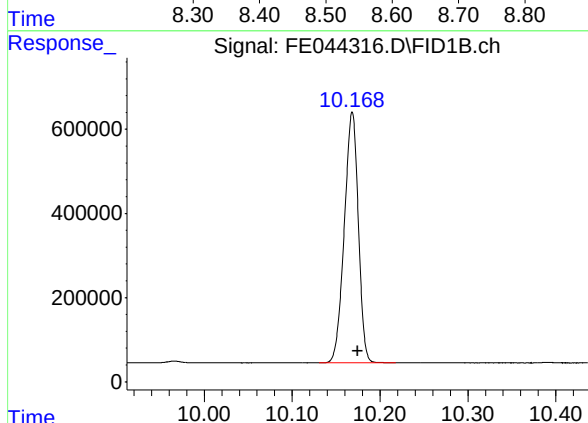
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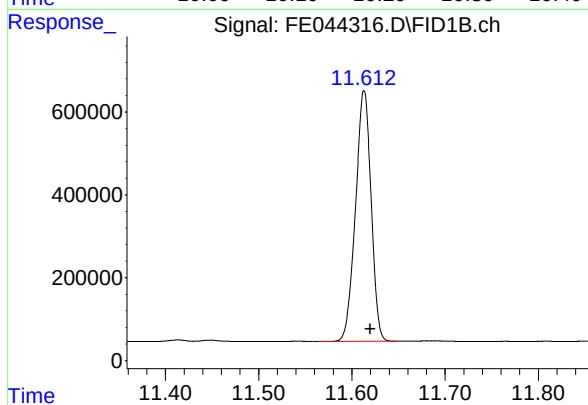
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 6117890
Conc: 36.48 ug/ml



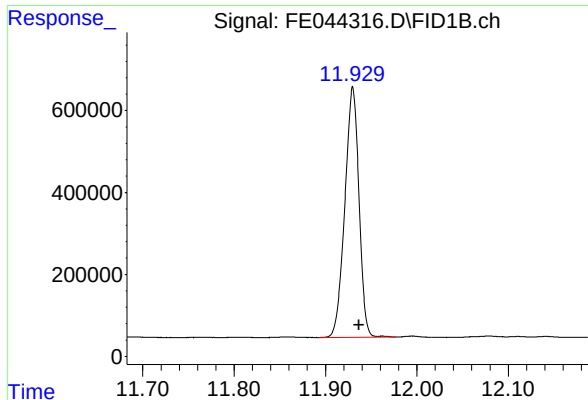
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.006 min
Response: 6616696
Conc: 38.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: -0.006 min
Response: 7037004
Conc: 40.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 6575651
Conc: 34.71 ug/ml

Instrument :

FID_E

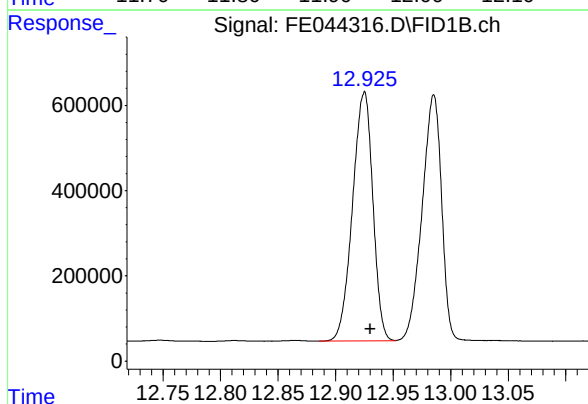
ClientSampleId :

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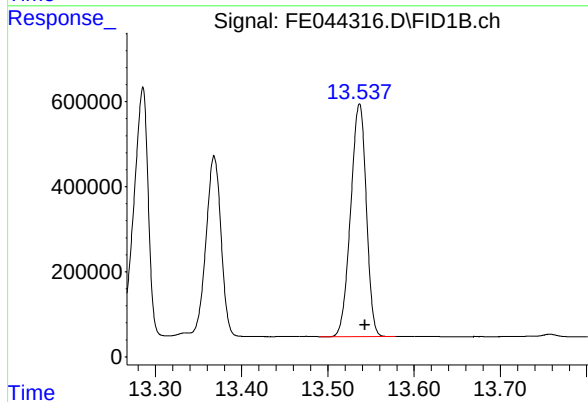
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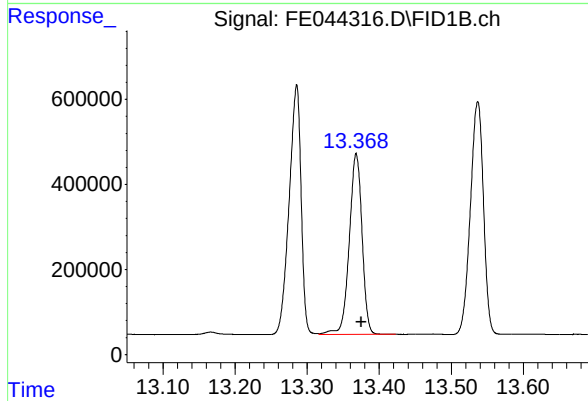
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.005 min
Response: 7186107
Conc: 43.44 ug/ml



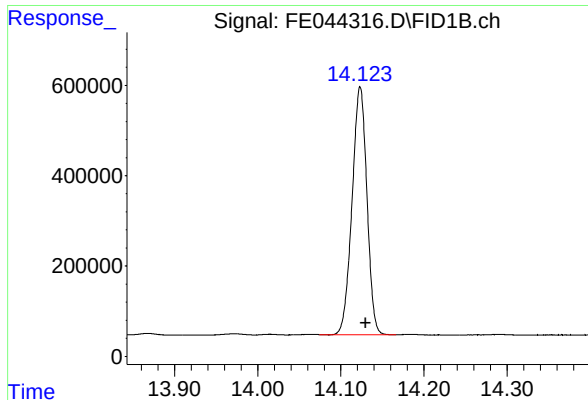
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.006 min
Response: 6896858
Conc: 42.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 5246110
Conc: 37.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.007 min
Response: 6813696
Conc: 42.65 ug/ml

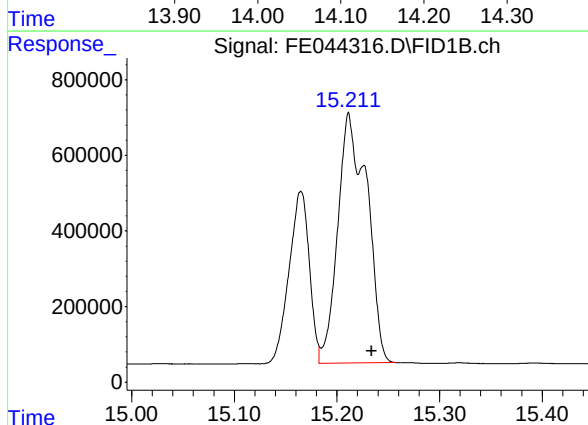
Instrument :

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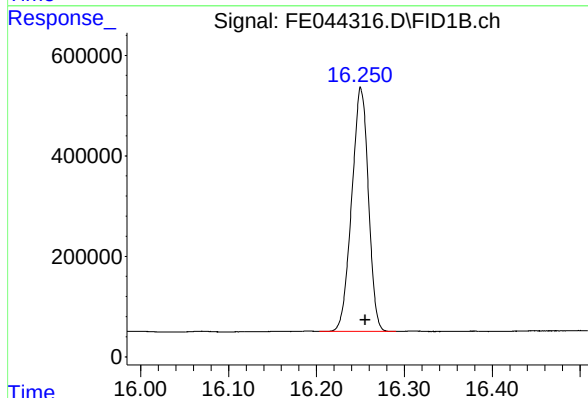
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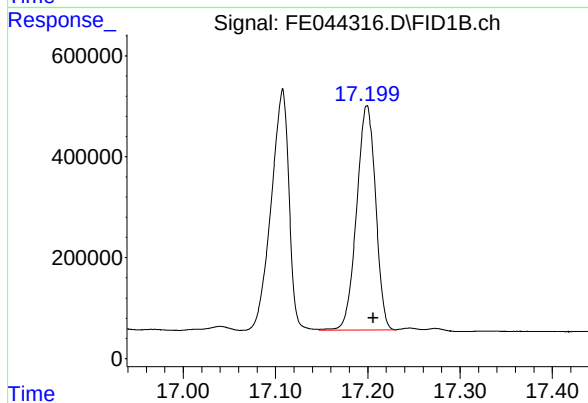
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.023 min
Response: 13061708
Conc: 83.53 ug/ml m



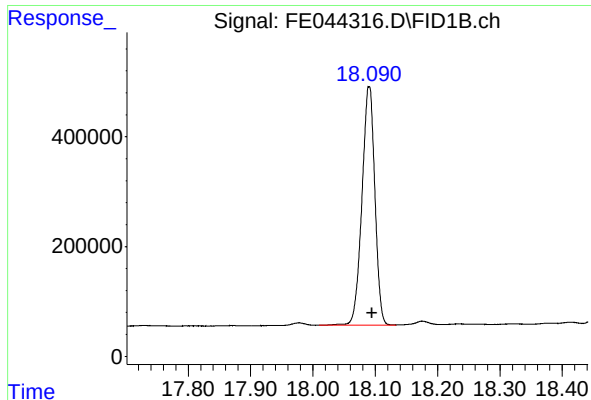
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.005 min
Response: 6388975
Conc: 42.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.007 min
Response: 6339458
Conc: 43.93 ug/ml



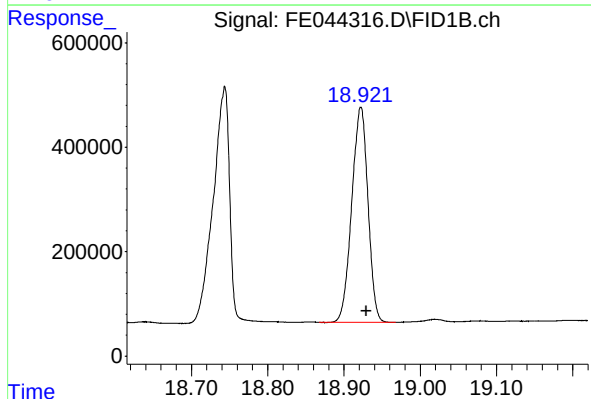
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.005 min
Response: 6246399
Conc: 43.00 ug/ml

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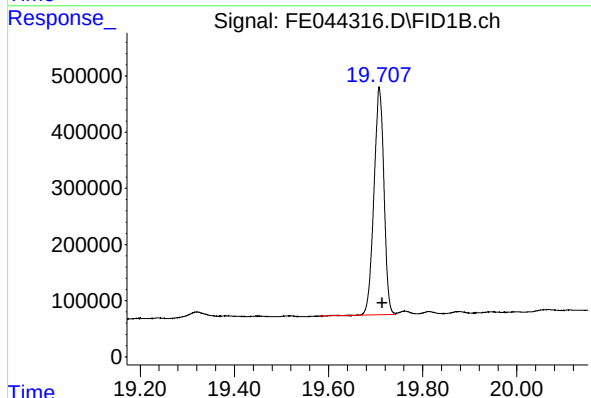
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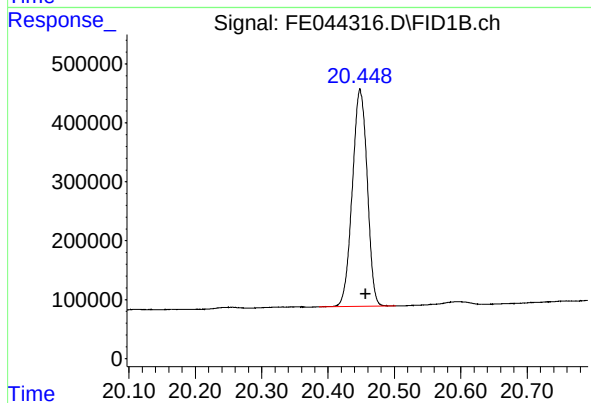
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.007 min
Response: 6088309
Conc: 42.74 ug/ml



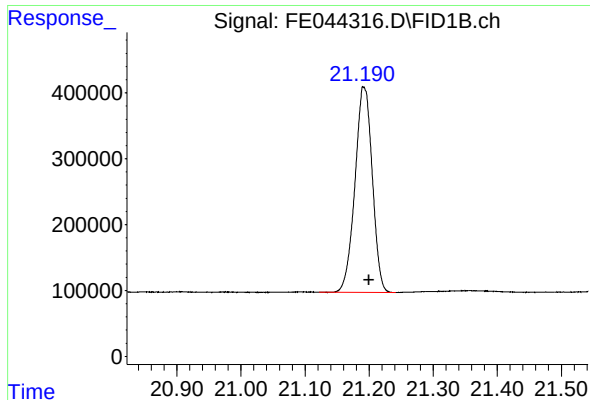
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.007 min
Response: 5973200
Conc: 42.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.008 min
Response: 5741921
Conc: 41.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.008 min
Response: 5861831
Conc: 42.23 ug/ml

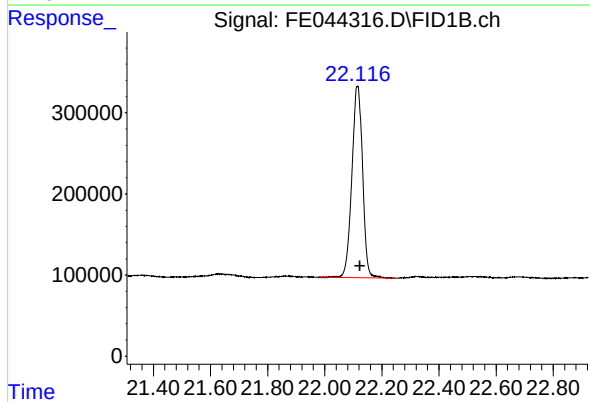
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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.009 min
Response: 6175595
Conc: 44.67 ug/ml