

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041052.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 18:29
 Operator : YP\AJ
 Sample : 02105-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WV-SOIL3-0327MS

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 01:32:12 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	5876921	31.270 ug/ml
Spiked Amount 50.000		Recovery =	62.54%
12) S 1-chlorooctadecane (S...	13.295	4661546	32.399 ug/ml
Spiked Amount 50.000		Recovery =	64.80%
Target Compounds			
1) T n-Nonane (C9)	3.257	4557137	26.264 ug/ml
2) T n-Decane (C10)	4.504	5087549	29.889 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5908530	32.303 ug/ml
4) T n-Dodecane (C12)	6.667	5744318	33.116 ug/ml
5) T A~2-methylnaphthalene...	7.300	6035751	36.445 ug/ml
6) T n-Tetradecane (C14)	8.494	6197229	35.542 ug/ml
7) T n-Hexadecane (C16)	10.100	6699630	37.670 ug/ml
8) T n-Octadecane (C18)	11.542	6665435	37.330 ug/ml
10) T n-Eicosane (C20)	12.852	6539172	38.336 ug/ml
11) T n-Heneicosane (C21)	13.463	6180432	36.531 ug/ml
13) T n-Docosane (C22)	14.050	6088410	36.791 ug/ml
14) T n-Tetracosane (C24)	15.146	11647541	71.993 ug/ml
15) T n-Hexacosane (C26)	16.176	5763153	37.178 ug/ml
16) T n-Octacosane (C28)	17.125	5698356	37.200 ug/ml
17) T n-Tricontane (C30)	18.015	5721909	37.434 ug/ml
18) T n-Dotriacontane (C32)	18.847	5690008	36.444 ug/ml
19) T n-Tetratriacontane (C34)	19.632	5671279	36.596 ug/mlm
20) T n-Hexatriacontane (C36)	20.373	5629823	37.063 ug/ml
21) T n-Octatriacontane (C38)	21.099	5769785	36.934 ug/mlm
22) T n-Tetracontane (C40)	21.982	5975370	37.439 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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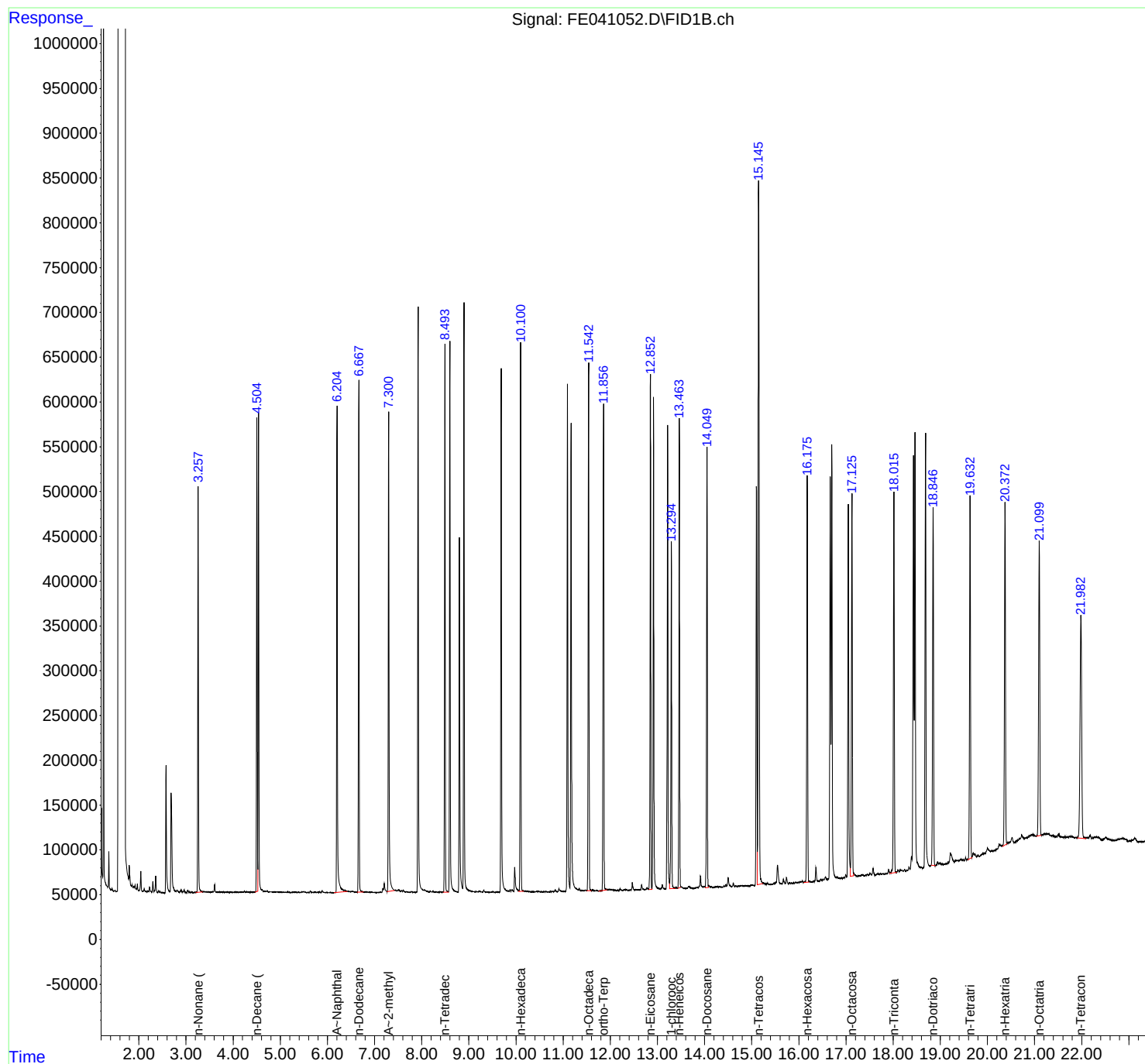
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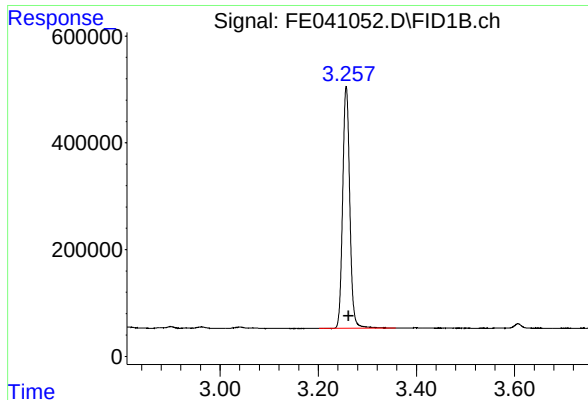
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#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.005 min
Response: 4557137
Conc: 26.26 ug/ml

Instrument :

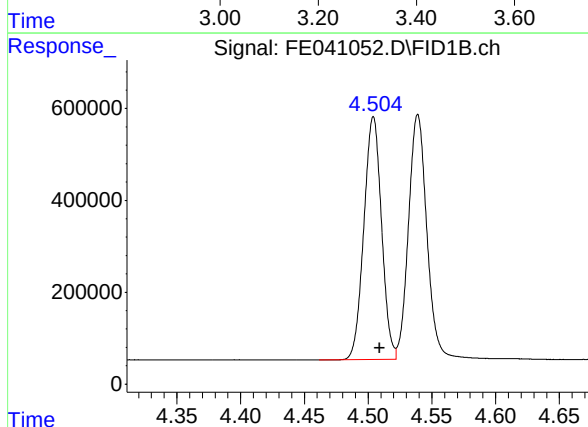
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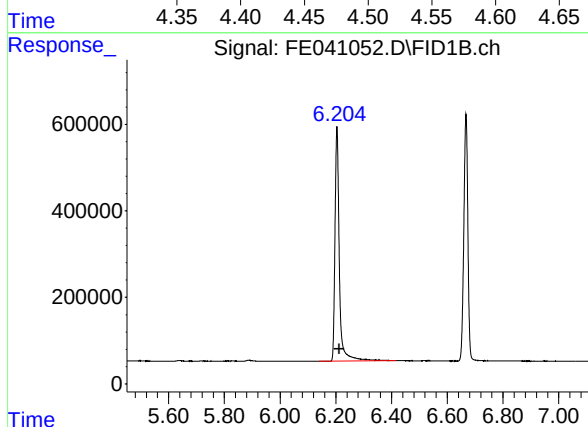
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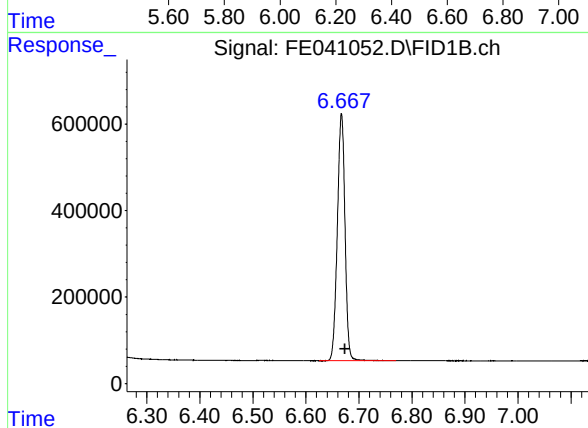
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 5087549
Conc: 29.89 ug/ml



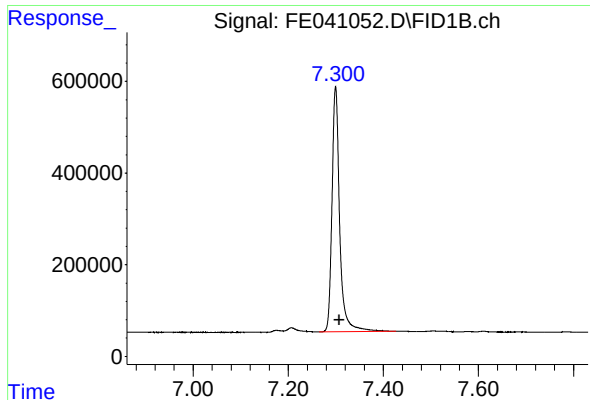
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 5908530
Conc: 32.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.006 min
Response: 5744318
Conc: 33.12 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.008 min
Response: 6035751
Conc: 36.44 ug/ml

Instrument :

FID_E

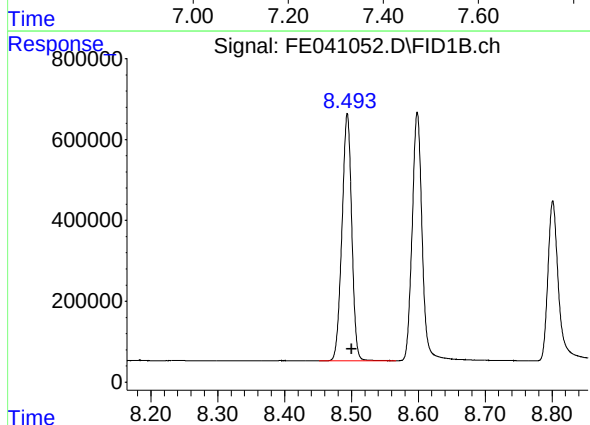
ClientSampleId :

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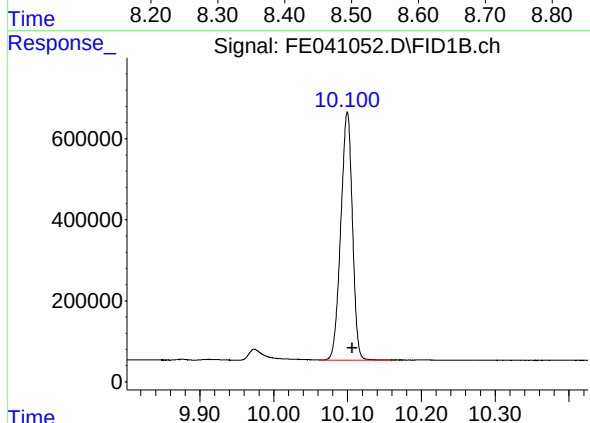
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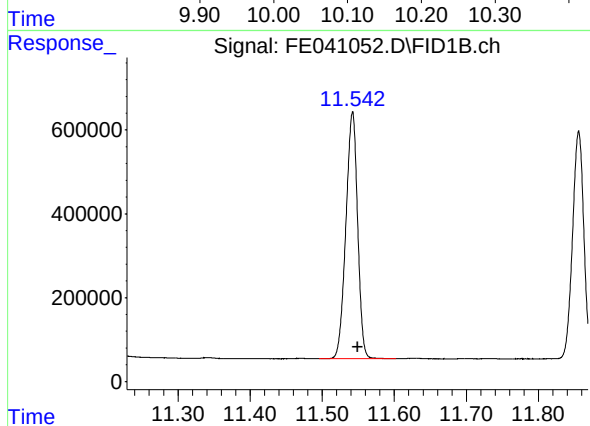
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 6197229
Conc: 35.54 ug/ml



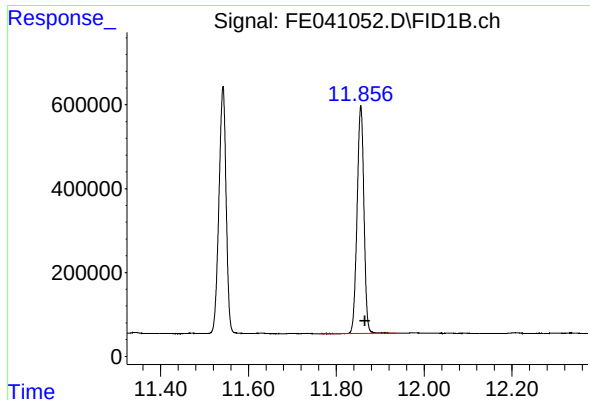
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 6699630
Conc: 37.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.007 min
Response: 6665435
Conc: 37.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.009 min
Response: 5876921
Conc: 31.27 ug/ml

Instrument :

FID_E

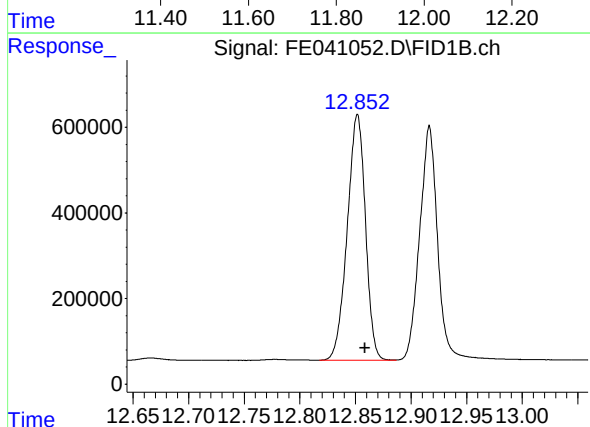
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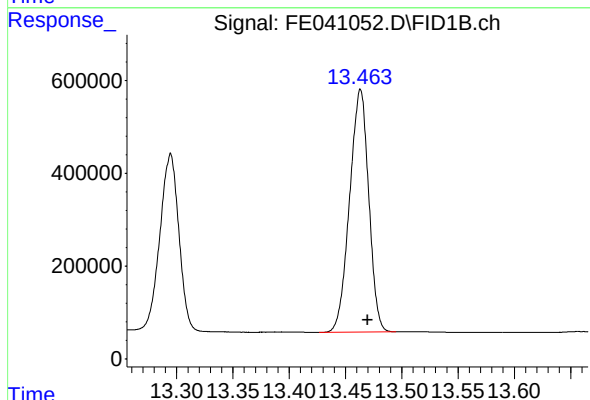
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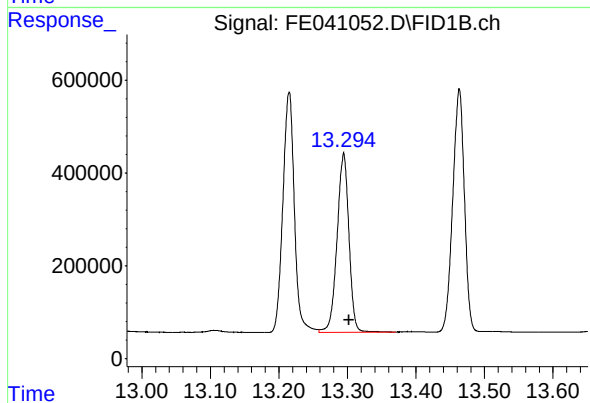
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.007 min
Response: 6539172
Conc: 38.34 ug/ml



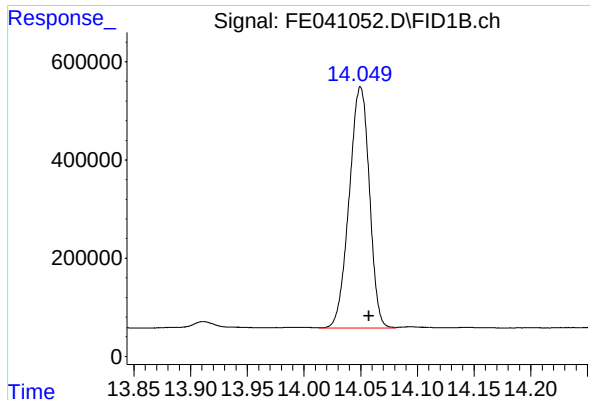
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.006 min
Response: 6180432
Conc: 36.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.007 min
Response: 4661546
Conc: 32.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: -0.007 min
Response: 6088410
Conc: 36.79 ug/ml

Instrument :

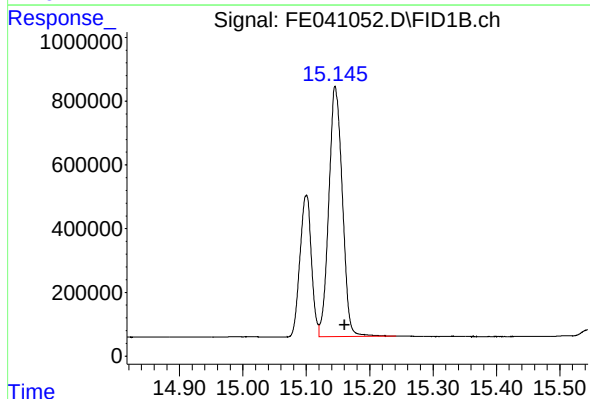
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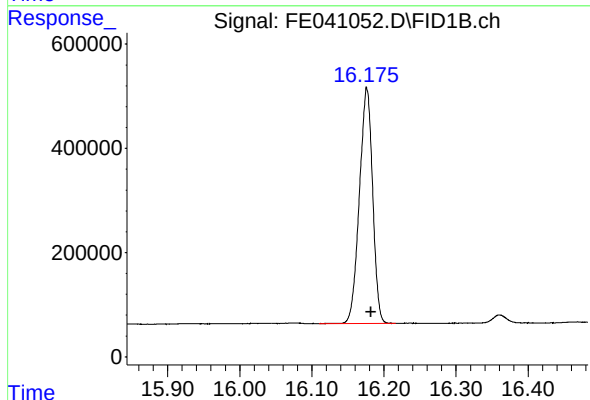
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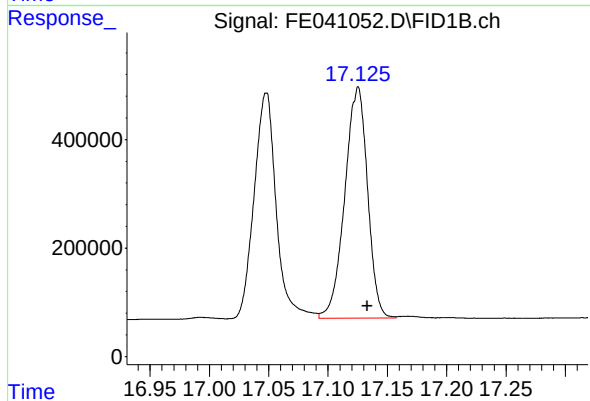
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 11647541
Conc: 71.99 ug/ml



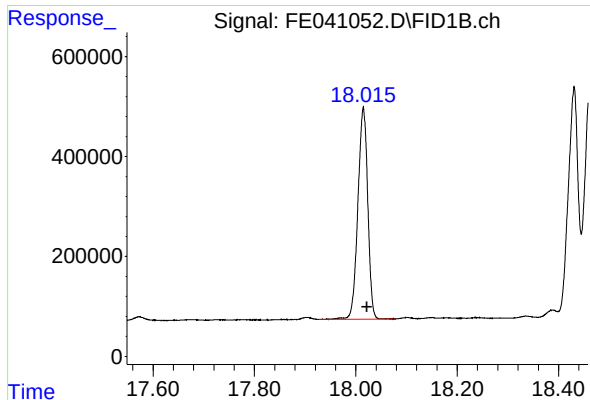
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.006 min
Response: 5763153
Conc: 37.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.008 min
Response: 5698356
Conc: 37.20 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.007 min
Response: 5721909
Conc: 37.43 ug/ml

Instrument :

FID_E

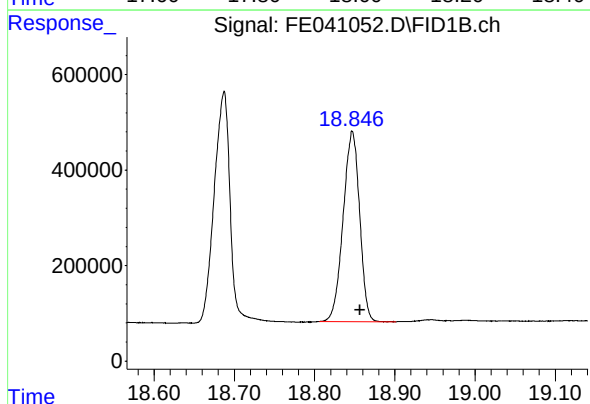
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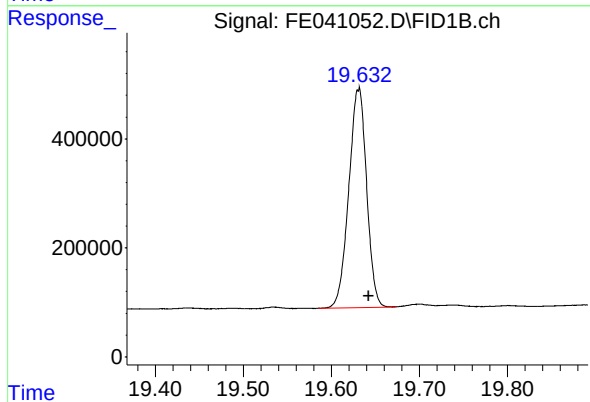
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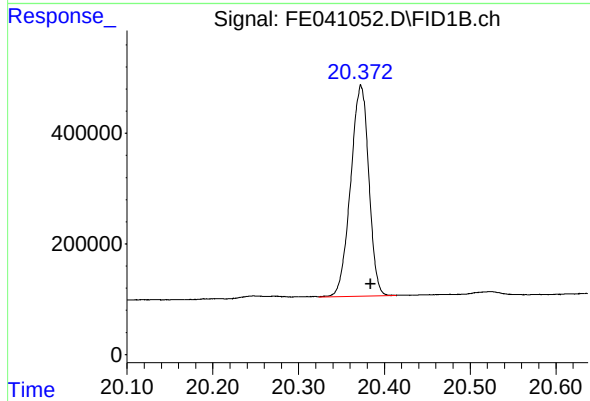
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.010 min
Response: 5690008
Conc: 36.44 ug/ml



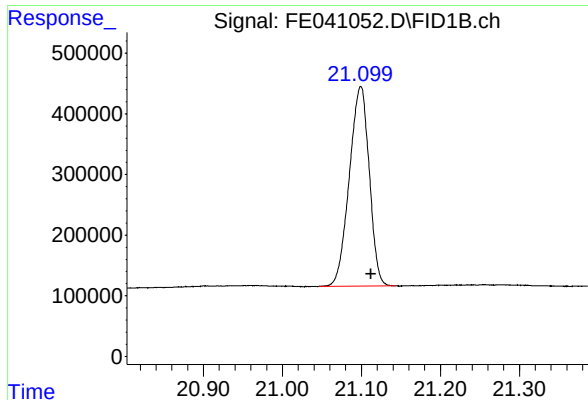
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.011 min
Response: 5671279
Conc: 36.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 5629823
Conc: 37.06 ug/ml



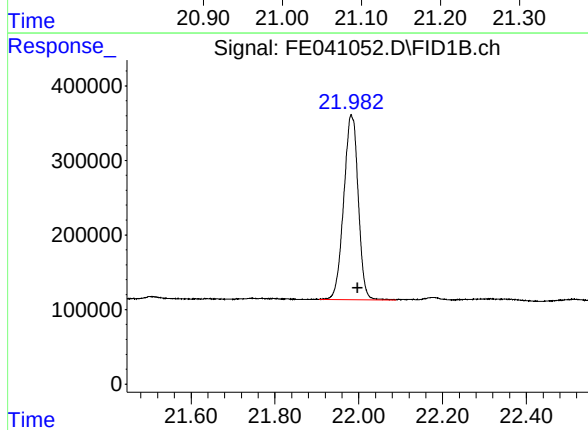
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.014 min
Response: 5769785
Conc: 36.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.016 min
Response: 5975370
Conc: 37.44 ug/ml