

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
 Data File : FE050493.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2024 14:22
 Operator : YP\AJ
 Sample : PB163864BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163864BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e

Quant Time: Oct 04 03:16:01 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.864	6190114	41.606 ug/ml
Spiked Amount 50.000		Recovery =	83.21%
12) S 1-chlorooctadecane (S...	13.297	5129384	45.665 ug/ml
Spiked Amount 50.000		Recovery =	91.33%
Target Compounds			
1) T n-Nonane (C9)	3.258	4415228	32.574 ug/ml
2) T n-Decane (C10)	4.506	4660240	33.767 ug/ml
3) T A~Naphthalene (C11.7)	6.213	5363593	38.320 ug/ml
4) T n-Dodecane (C12)	6.671	5099299	36.876 ug/ml
5) T A~2-methylnaphthalene...	7.309	5116579	38.928 ug/ml
6) T n-Tetradecane (C14)	8.499	5384495	39.542 ug/ml
7) T n-Hexadecane (C16)	10.102	5398889	38.868 ug/ml
8) T n-Octadecane (C18)	11.543	5417920	38.671 ug/ml
10) T n-Eicosane (C20)	12.851	5439949	40.553 ug/ml
11) T n-Heneicosane (C21)	13.462	5260151	40.032 ug/ml
13) T n-Docosane (C22)	14.047	5196466	39.906 ug/ml
14) T n-Tetracosane (C24)	15.146	10442494	79.964 ug/ml
15) T n-Hexacosane (C26)	16.168	5089685	39.782 ug/ml
16) T n-Octacosane (C28)	17.116	6139006	47.660 ug/ml
17) T n-Tricontane (C30)	18.003	5321945	39.799 ug/ml
18) T n-Dotriacontane (C32)	18.833	5477716	41.107 ug/ml
19) T n-Tetratriacontane (C34)	19.617	5406753	43.758 ug/ml
20) T n-Hexatriacontane (C36)	20.356	5178077	46.670 ug/ml
21) T n-Octatriacontane (C38)	21.080	4983123	45.186 ug/ml
22) T n-Tetracontane (C40)	21.964	4451471	40.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163864BS
Misc :
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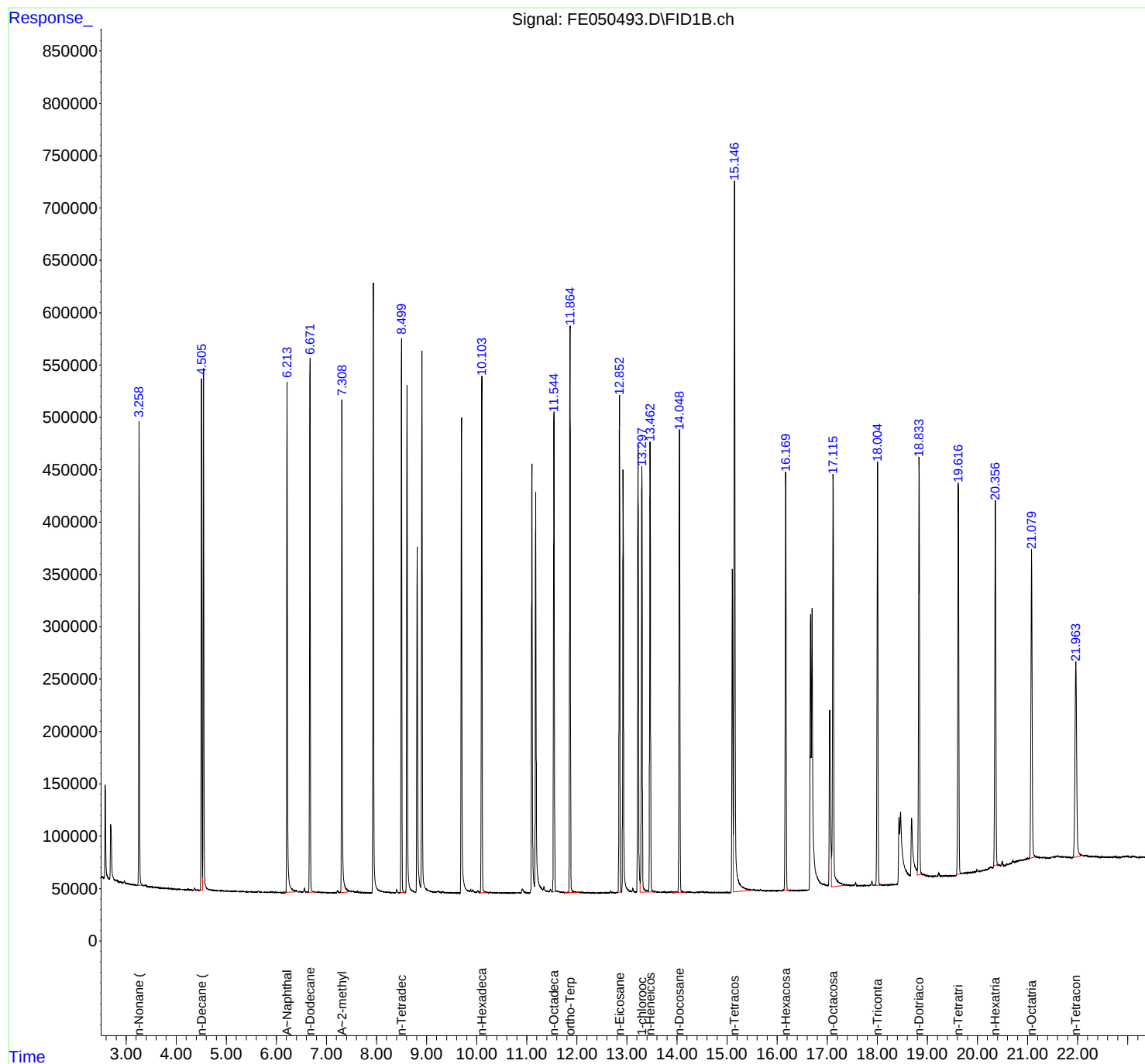
Instrument :
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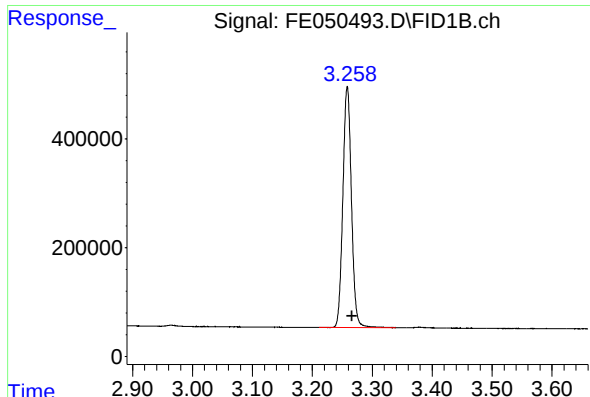
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Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.008 min
Response: 4415228
Conc: 32.57 ug/ml

Instrument :

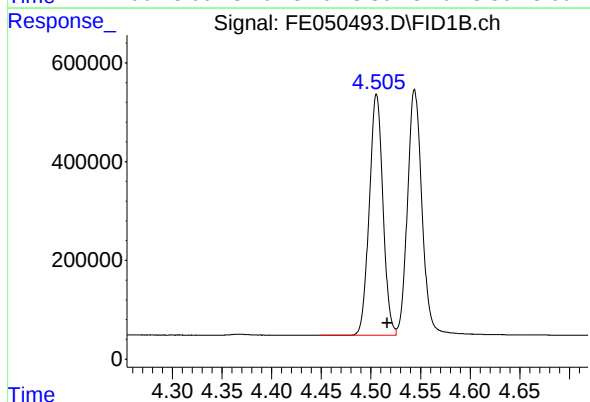
FID_E

ClientSampleId :

PB163864BS

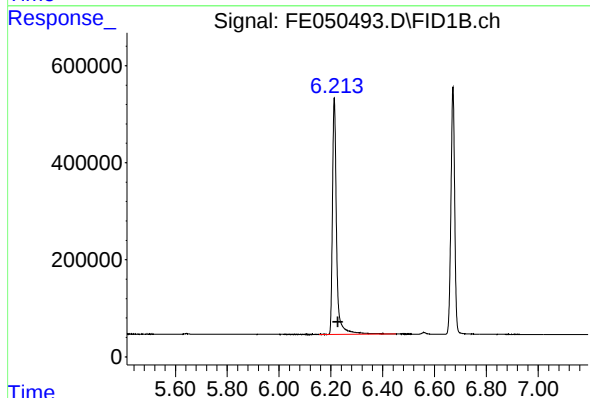
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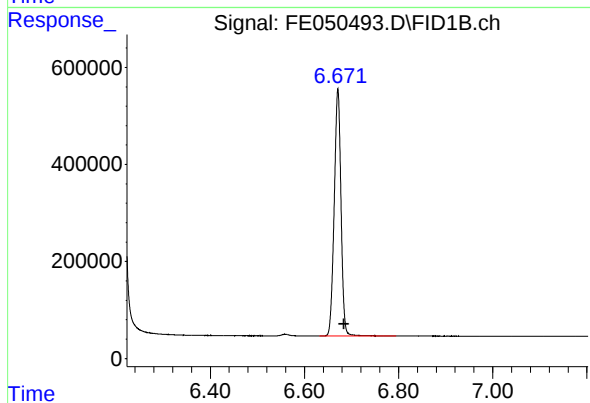
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 4660240
Conc: 33.77 ug/ml



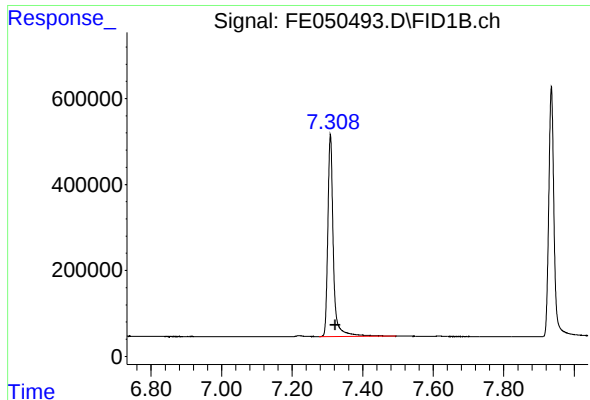
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 5363593
Conc: 38.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 5099299
Conc: 36.88 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.015 min
Response: 5116579
Conc: 38.93 ug/ml

Instrument :

FID_E

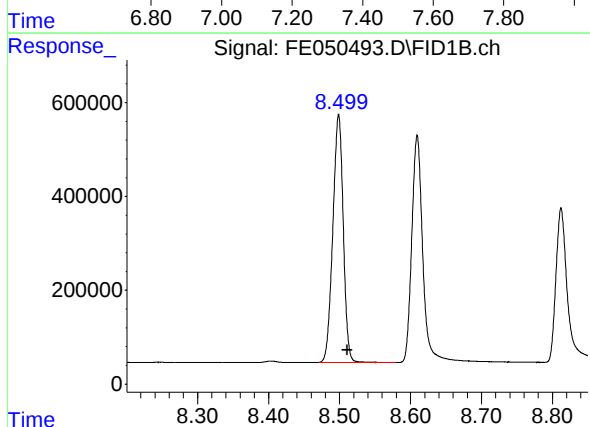
ClientSampleId :

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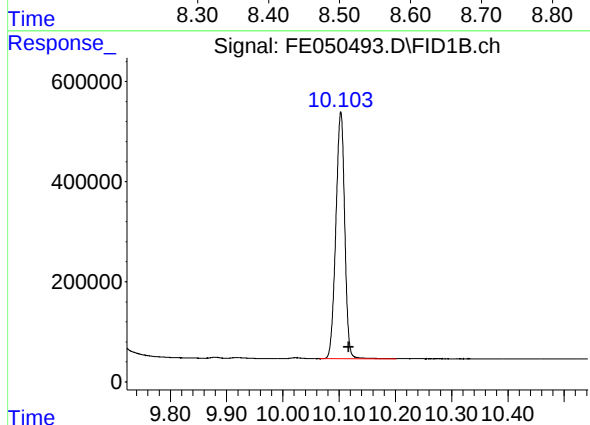
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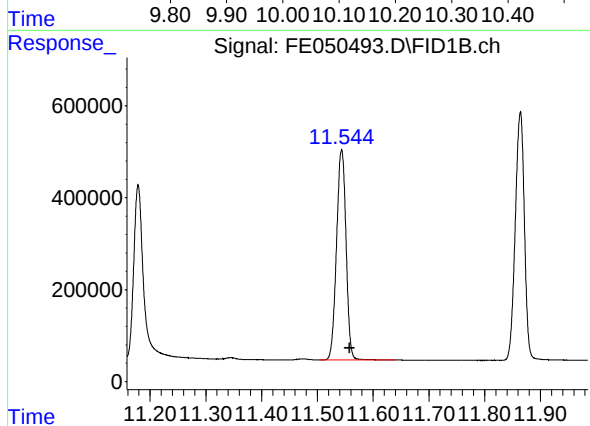
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 5384495
Conc: 39.54 ug/ml



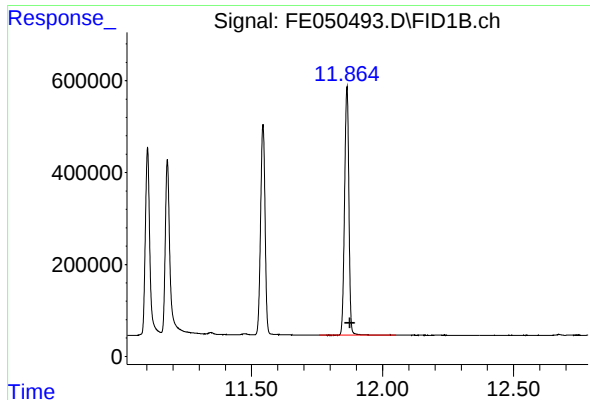
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.014 min
Response: 5398889
Conc: 38.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 5417920
Conc: 38.67 ug/ml



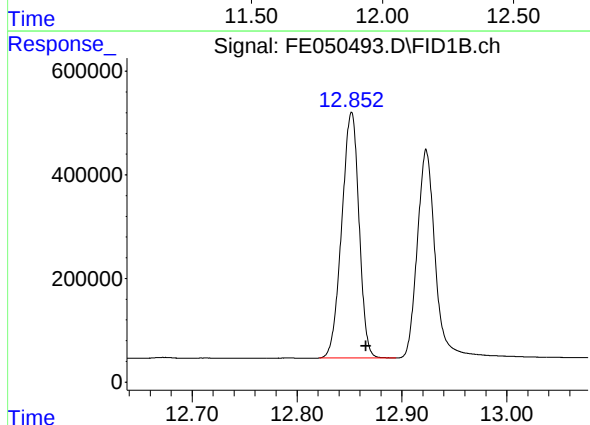
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.013 min
Response: 6190114
Conc: 41.61 ug/ml

Instrument :
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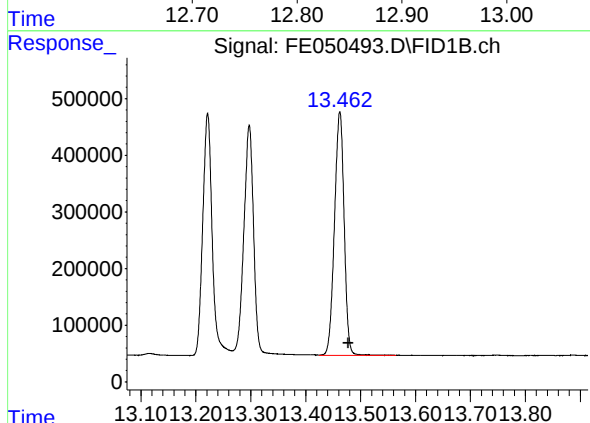
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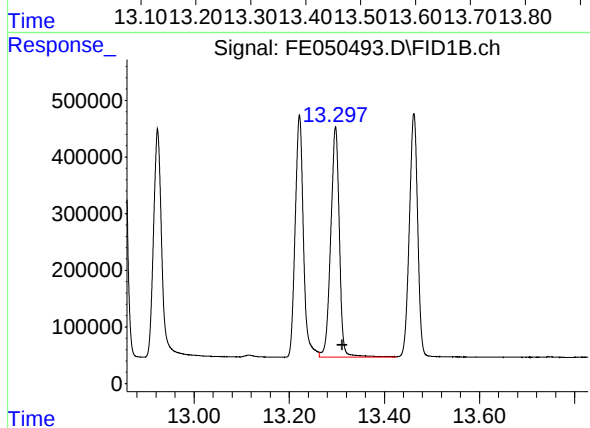
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.015 min
Response: 5439949
Conc: 40.55 ug/ml



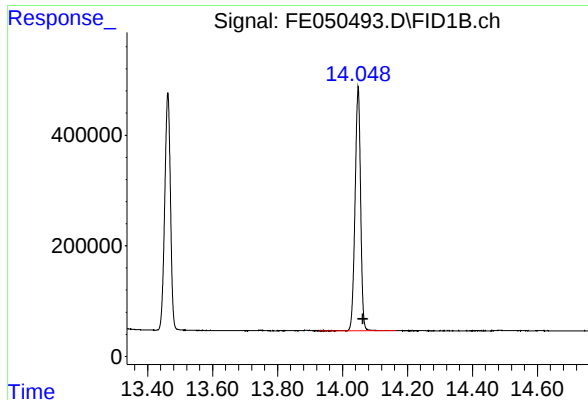
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.016 min
Response: 5260151
Conc: 40.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.015 min
Response: 5129384
Conc: 45.66 ug/ml



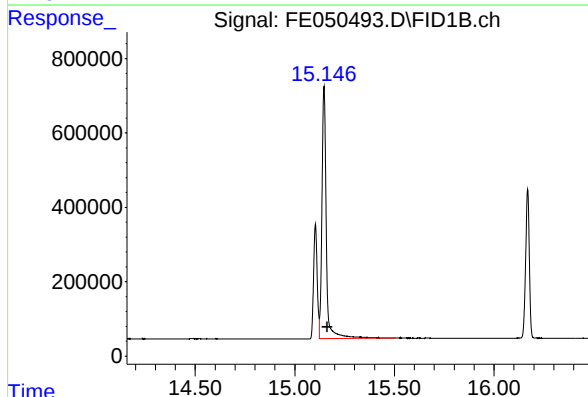
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.015 min
Response: 5196466
Conc: 39.91 ug/ml

Instrument :
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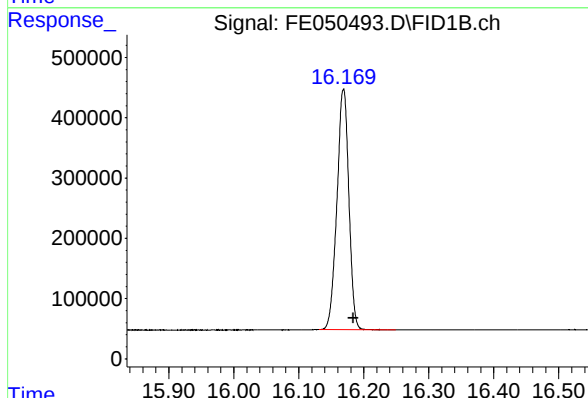
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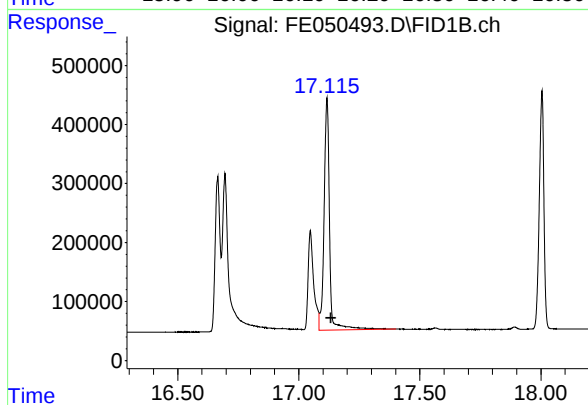
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 10442494
Conc: 79.96 ug/ml



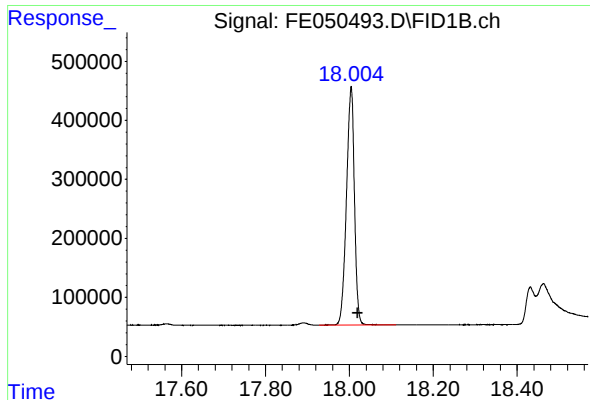
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.015 min
Response: 5089685
Conc: 39.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 6139006
Conc: 47.66 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.017 min
Response: 5321945
Conc: 39.80 ug/ml

Instrument :

FID_E

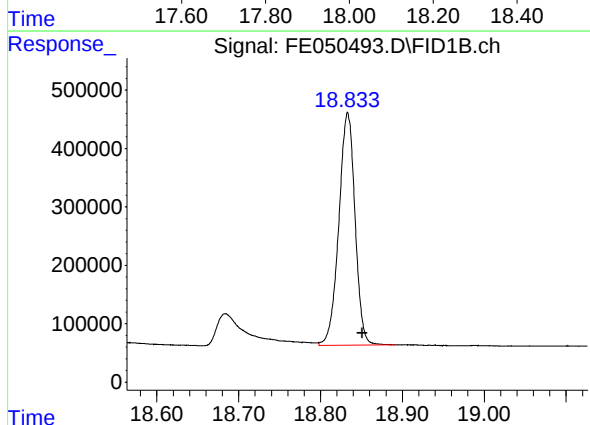
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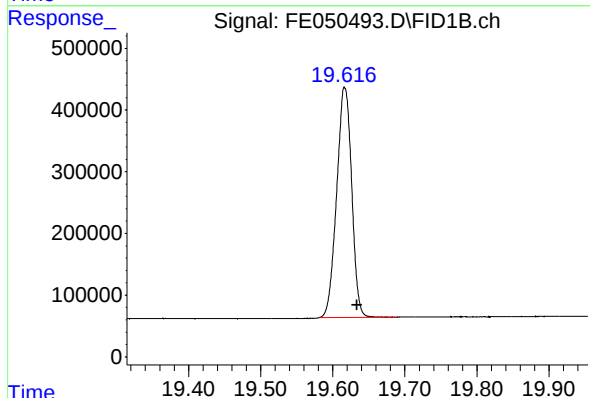
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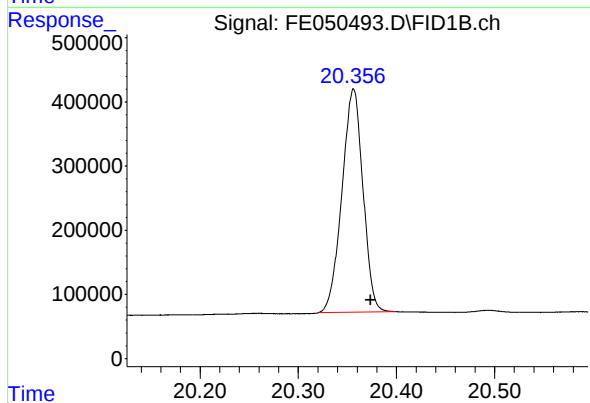
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 5477716
Conc: 41.11 ug/ml



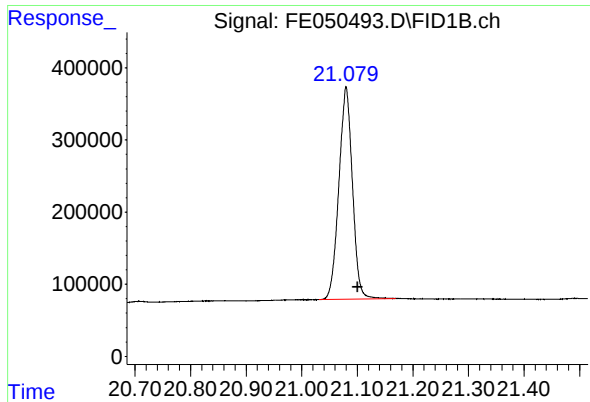
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.017 min
Response: 5406753
Conc: 43.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.018 min
Response: 5178077
Conc: 46.67 ug/ml



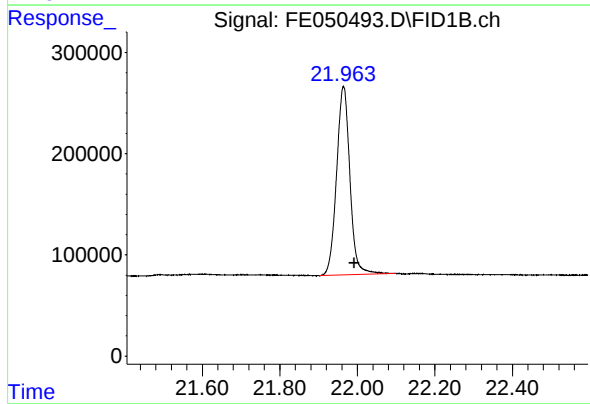
#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.021 min
Response: 4983123
Conc: 45.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.028 min
Response: 4451471
Conc: 40.91 ug/ml