

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039724.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 16:24
 Operator : YP\AJ
 Sample : PB150146BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB150146BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/11/2023

Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e

Quant Time: Jan 10 17:51:00 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M

Quant Title : GC Extractables

QLast Update : Tue Jan 10 04:24:52 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)	11.918	5963598	38.834 ug/ml
Spiked Amount 50.000		Recovery =	77.67%
12) S 1-chlorooctadecane (S...	13.353	4731080	40.541 ug/ml
Spiked Amount 50.000		Recovery =	81.08%
Target Compounds			
1) T n-Nonane (C9)	3.316	6029387	47.500 ug/ml
2) T n-Decane (C10)	4.564	6395473	51.499 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4513224	32.003 ug/ml
4) T n-Dodecane (C12)	6.727	6914134	54.993 ug/ml
5) T A~2-methylnaphthalene...	7.358	4622179	35.290 ug/ml
6) T n-Tetradecane (C14)	8.553	7113697	55.310 ug/ml
7) T n-Hexadecane (C16)	10.159	7630882	56.564 ug/ml
8) T n-Octadecane (C18)	11.602	8101158	57.814 ug/ml
10) T n-Eicosane (C20)	12.912	8021867	57.898 ug/ml
11) T n-Heneicosane (C21)	13.522	7993871	57.287 ug/ml
13) T n-Docosane (C22)	14.109	8061140	58.076 ug/ml
14) T n-Tetracosane (C24)	15.211	8538486	62.017 ug/mlm
15) T n-Hexacosane (C26)	16.234	7943112	59.515 ug/ml
16) T n-Octacosane (C28)	17.183	7833659	60.177 ug/ml
17) T n-Tricontane (C30)	18.072	7626147	59.800 ug/ml
18) T n-Dotriacontane (C32)	18.904	7396561	58.507 ug/ml
19) T n-Tetratriacontane (C34)	19.686	6443094	52.142 ug/ml
20) T n-Hexatriacontane (C36)	20.426	4919915	41.730 ug/ml
21) T n-Octatriacontane (C38)	21.158	3796606	31.766 ug/ml
22) T n-Tetracontane (C40)	22.062	3058499	25.200 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB150146BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

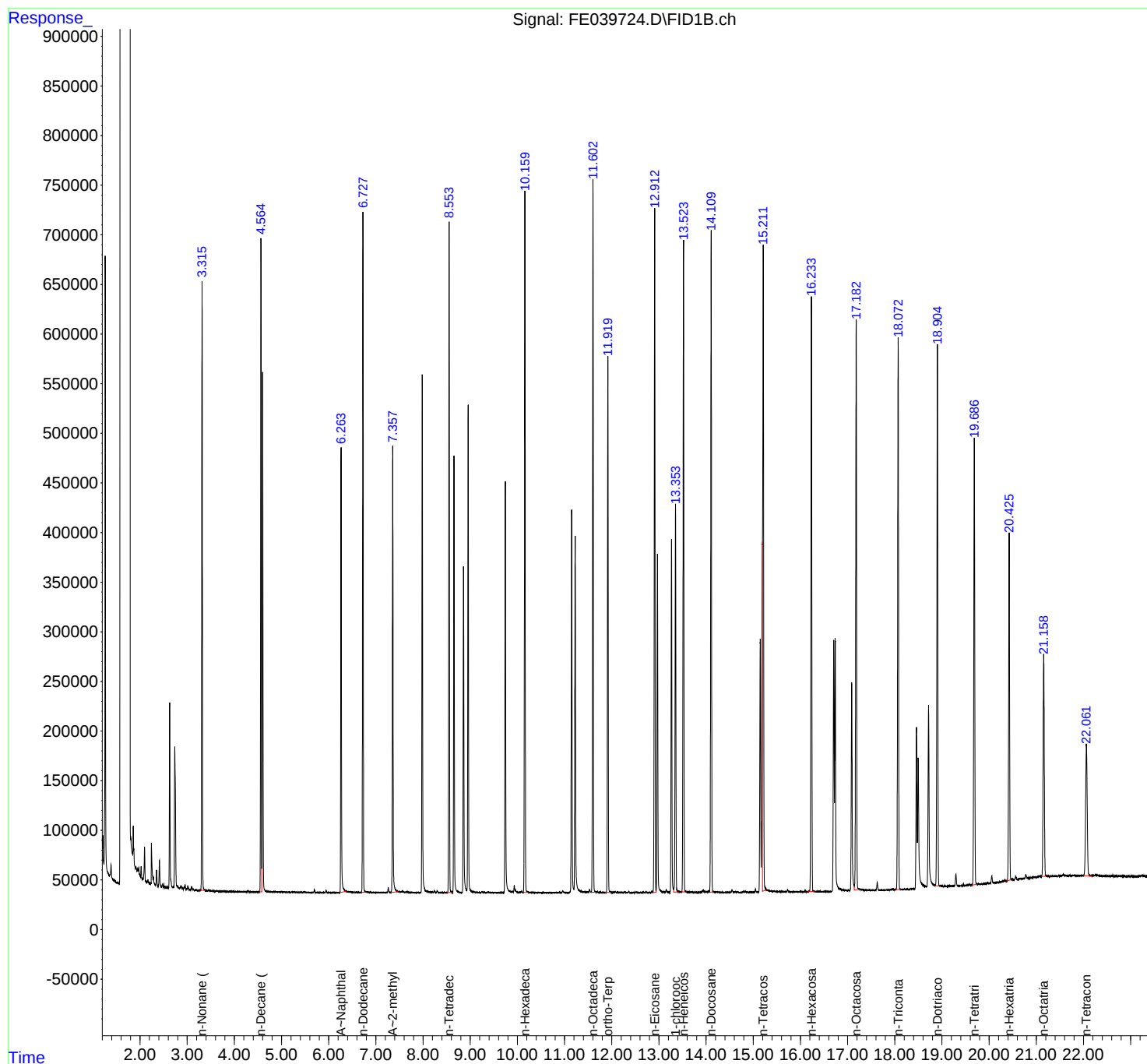
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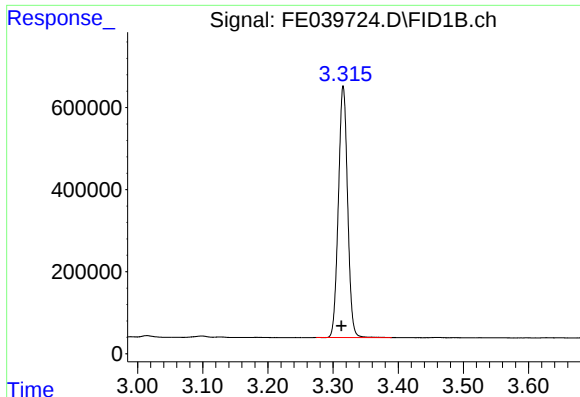
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Quant Title : GC Extractables
QLast Update : Tue Jan 10 04:24:52 2023
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 6029387
Conc: 47.50 ug/ml

Instrument :

FID_E

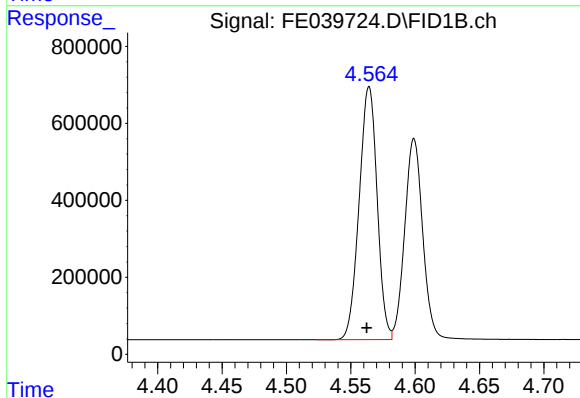
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PB150146BS

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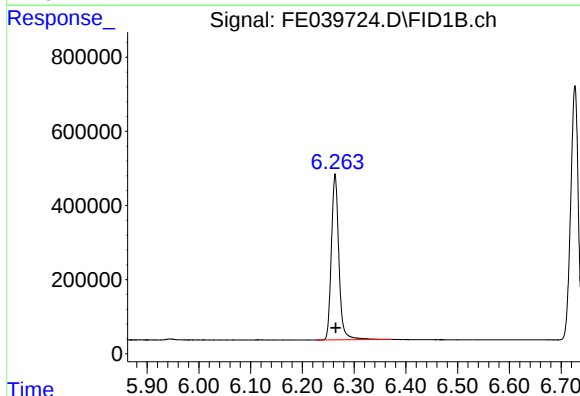
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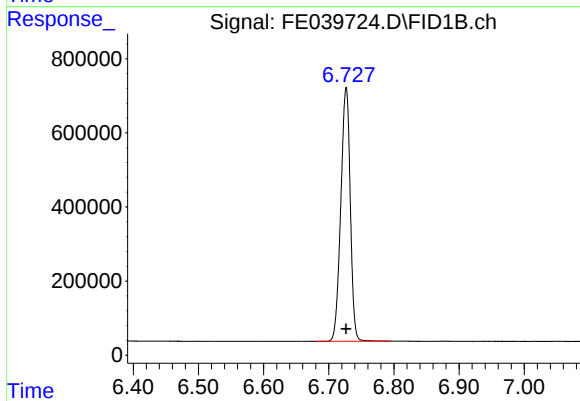
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.002 min
Response: 6395473
Conc: 51.50 ug/ml



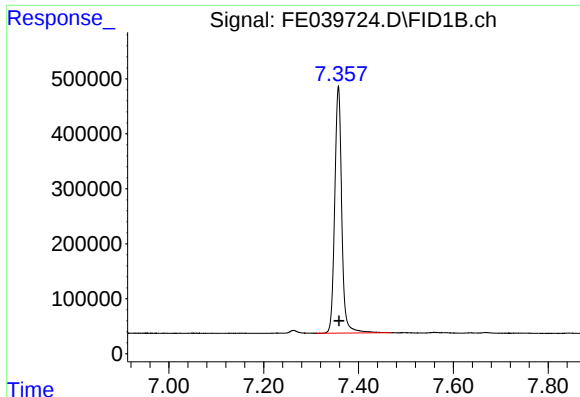
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 4513224
Conc: 32.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 6914134
Conc: 54.99 ug/ml



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

R.T.: 7.358 min
Delta R.T.: -0.002 min
Response: 4622179
Conc: 35.29 ug/ml

Instrument :

FID_E

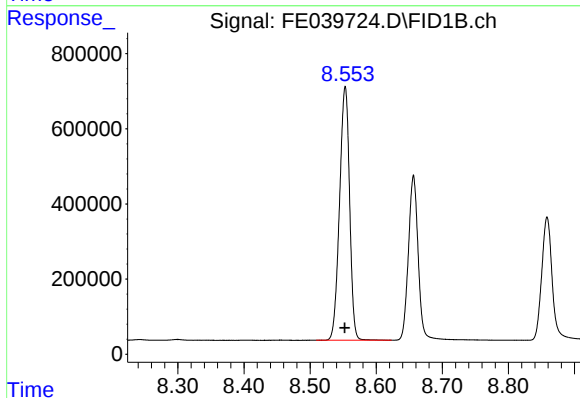
ClientSampleId :

PB150146BS

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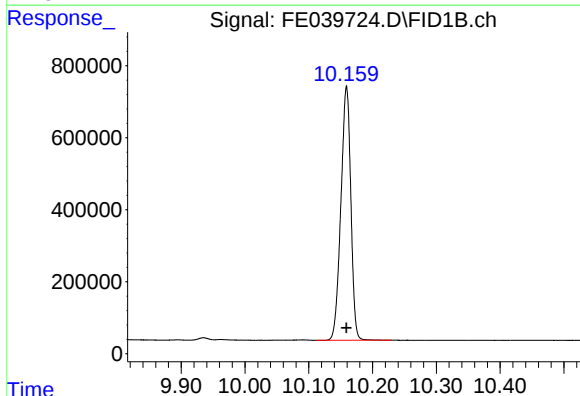
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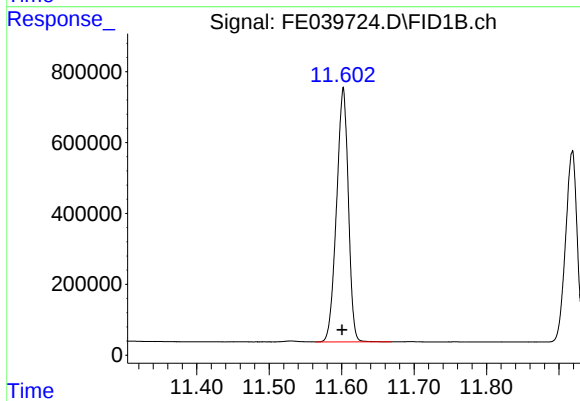
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 7113697
Conc: 55.31 ug/ml



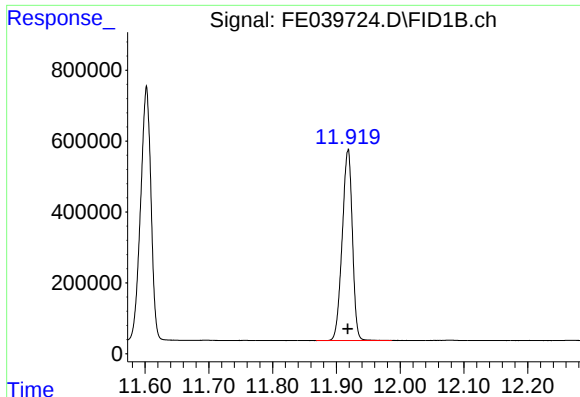
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 7630882
Conc: 56.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.001 min
Response: 8101158
Conc: 57.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 5963598
Conc: 38.83 ug/ml

Instrument :

FID_E

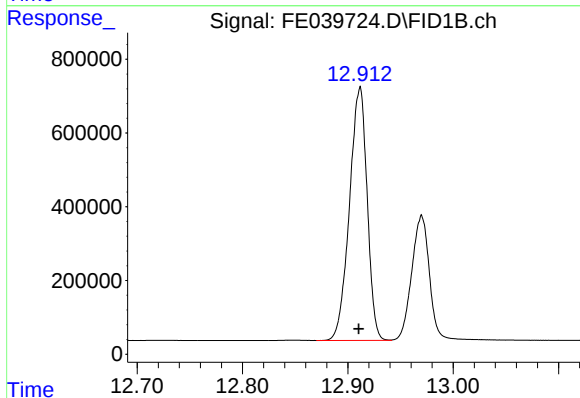
ClientSampleId :

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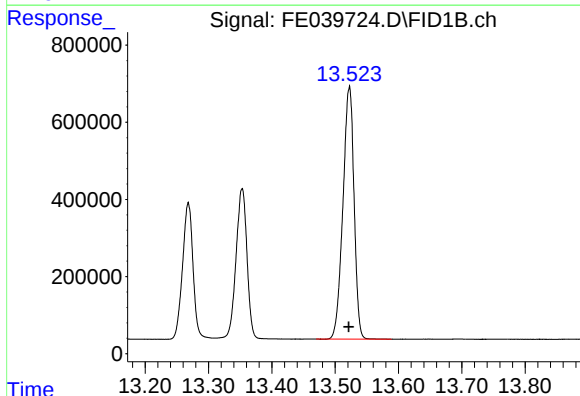
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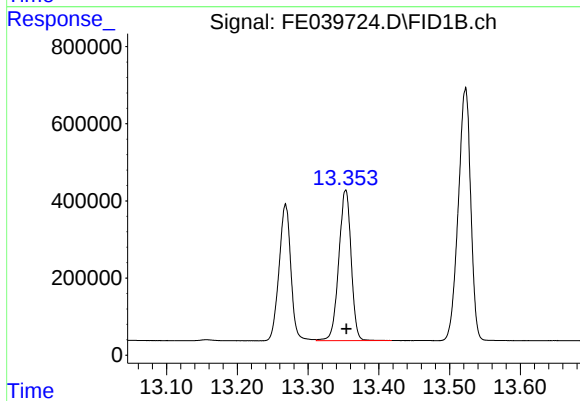
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.000 min
Response: 8021867
Conc: 57.90 ug/ml



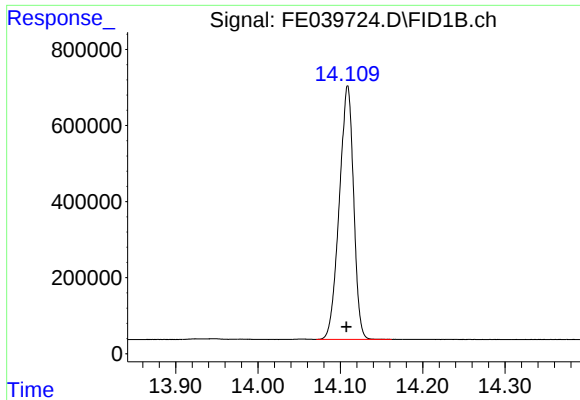
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 7993871
Conc: 57.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 4731080
Conc: 40.54 ug/ml



#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: 0.001 min
Response: 8061140
Conc: 58.08 ug/ml

Instrument :

FID_E

ClientSampleId :

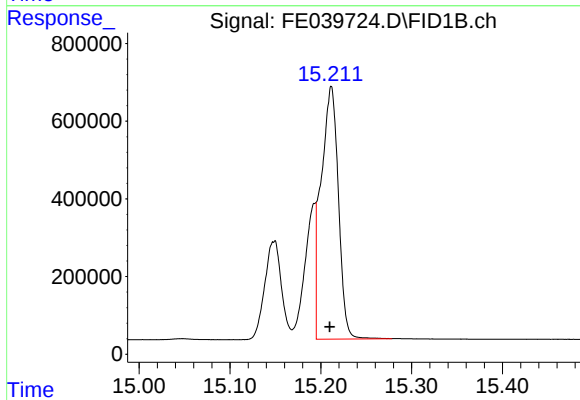
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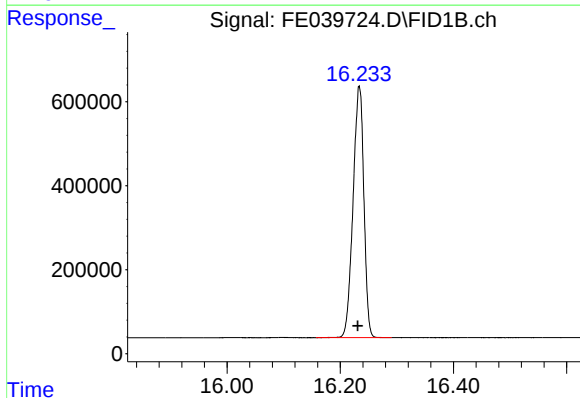
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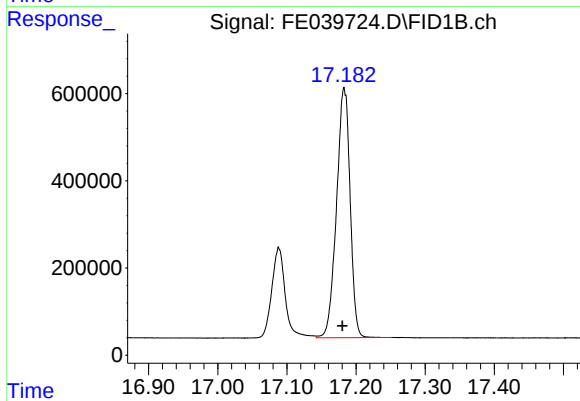
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.001 min
Response: 8538486
Conc: 62.02 ug/ml m



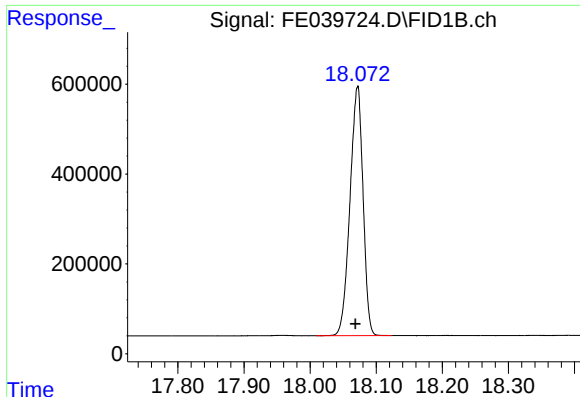
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.002 min
Response: 7943112
Conc: 59.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 7833659
Conc: 60.18 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 7626147
Conc: 59.80 ug/ml

Instrument :

FID_E

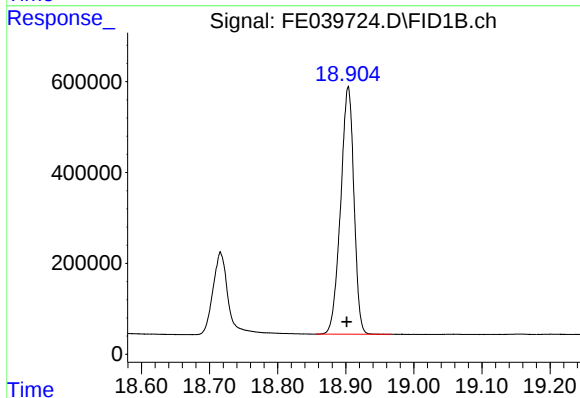
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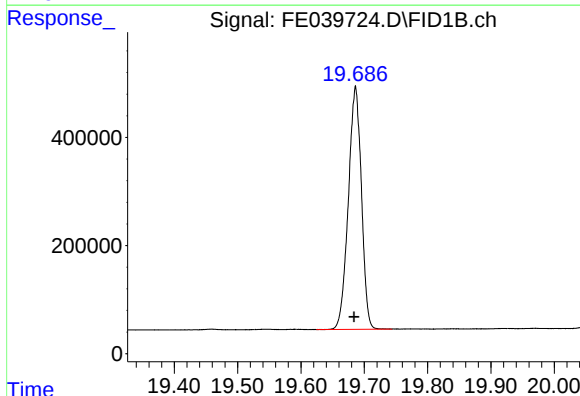
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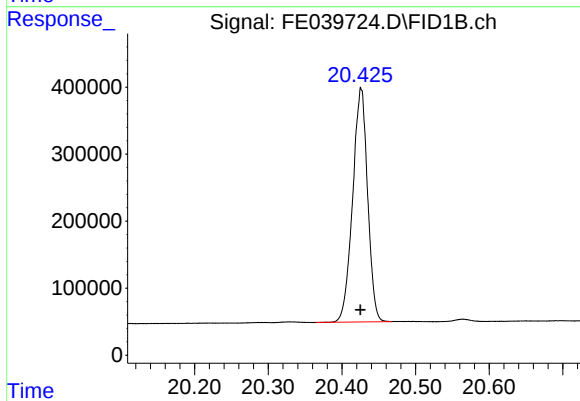
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.002 min
Response: 7396561
Conc: 58.51 ug/ml



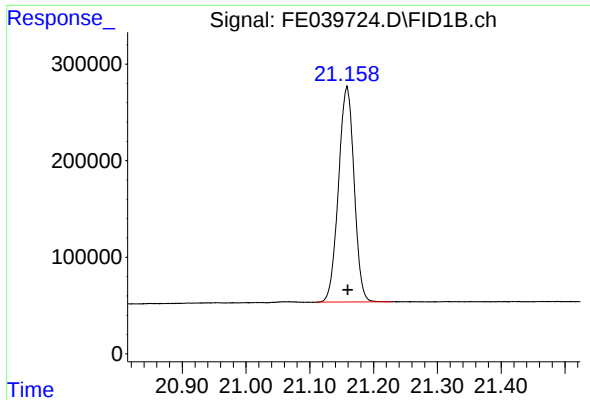
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.002 min
Response: 6443094
Conc: 52.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.001 min
Response: 4919915
Conc: 41.73 ug/ml



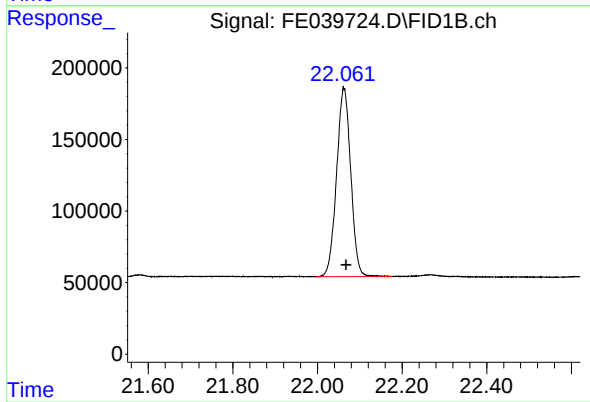
#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.001 min
Response: 3796606
Conc: 31.77 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.006 min
Response: 3058499
Conc: 25.20 ug/ml