

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041362.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 14:35
 Operator : YP\AJ
 Sample : PB152125BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152125BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/17/2023

Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e

Quant Time: Apr 15 01:21:16 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)	11.840	7660303	40.759 ug/ml
Spiked Amount 50.000		Recovery =	81.52%
12) S 1-chlorooctadecane (S...	13.279	6350294	44.136 ug/ml
Spiked Amount 50.000		Recovery =	88.27%
Target Compounds			
1) T n-Nonane (C9)	3.247	6959552	40.110 ug/ml
2) T n-Decane (C10)	4.489	7267088	42.693 ug/ml
3) T A~Naphthalene (C11.7)	6.185	8011024	43.798 ug/ml
4) T n-Dodecane (C12)	6.648	7815225	45.055 ug/ml
5) T A~2-methylnaphthalene...	7.281	7708269	46.544 ug/ml
6) T n-Tetradecane (C14)	8.477	7872536	45.150 ug/ml
7) T n-Hexadecane (C16)	10.082	8129120	45.707 ug/ml
8) T n-Octadecane (C18)	11.525	8087708	45.296 ug/ml
10) T n-Eicosane (C20)	12.836	8020344	47.020 ug/ml
11) T n-Heneicosane (C21)	13.447	7653262	45.236 ug/ml
13) T n-Docosane (C22)	14.033	7524593	45.470 ug/ml
14) T n-Tetracosane (C24)	15.134	14409287	89.064 ug/ml
15) T n-Hexacosane (C26)	16.161	7167784	46.239 ug/ml
16) T n-Octacosane (C28)	17.111	7366982	48.093 ug/ml
17) T n-Tricontane (C30)	18.002	7046072	46.096 ug/ml
18) T n-Dotriacontane (C32)	18.833	6946719	44.494 ug/ml
19) T n-Tetratriacontane (C34)	19.619	7107095	45.862 ug/ml
20) T n-Hexatriacontane (C36)	20.361	7276859	47.906 ug/ml
21) T n-Octatriacontane (C38)	21.086	7457967	47.741 ug/ml
22) T n-Tetracontane (C40)	21.968	7996831	50.104 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152125BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

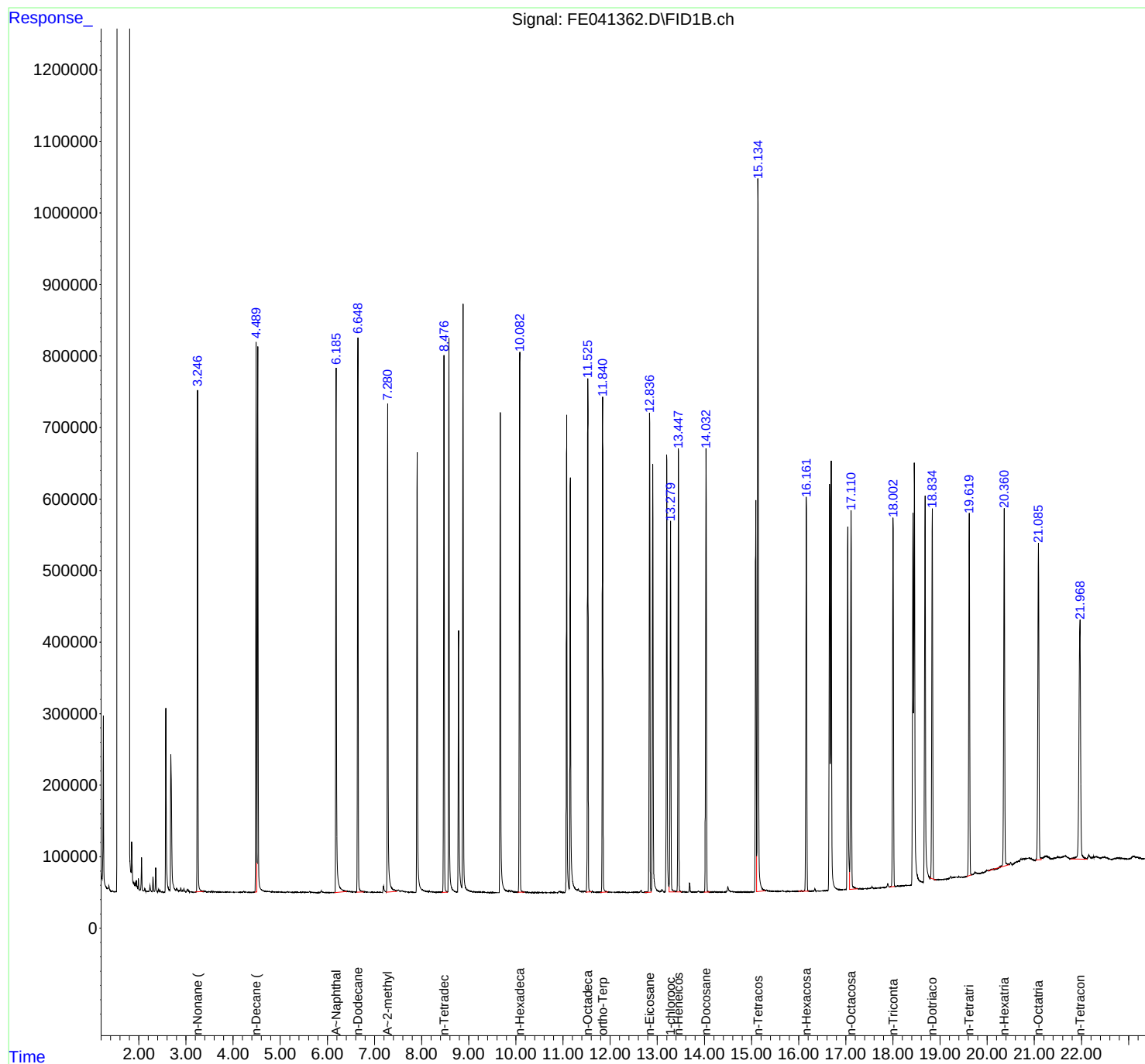
Instrument :
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PB152125BS

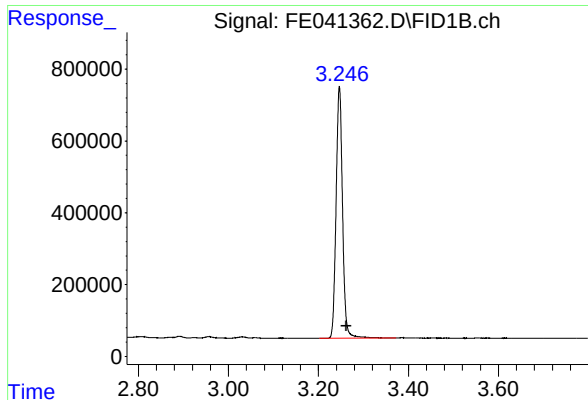
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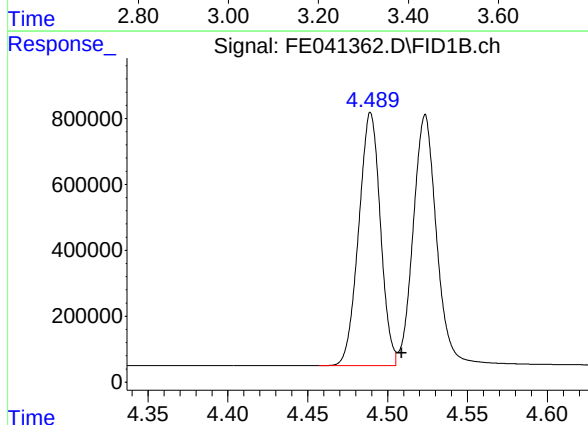
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.015 min
Response: 6959552
Conc: 40.11 ug/ml

Instrument :
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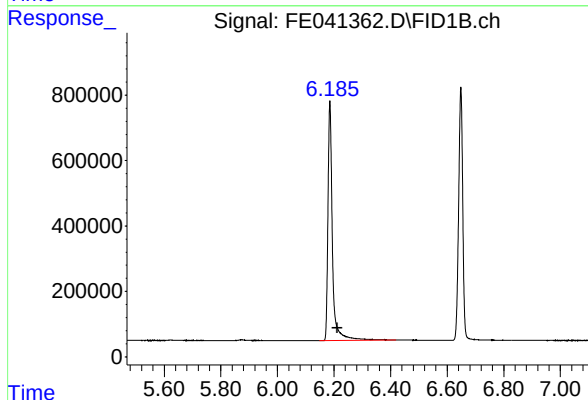
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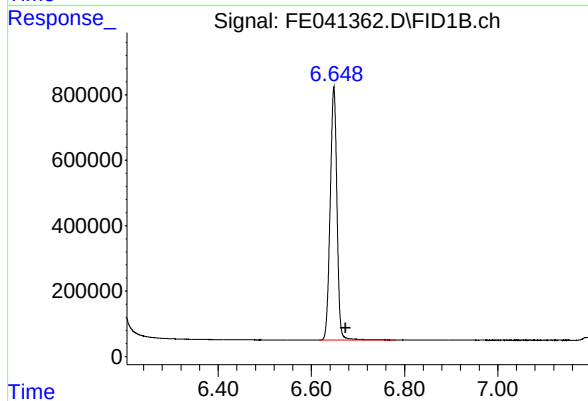
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.020 min
Response: 7267088
Conc: 42.69 ug/ml



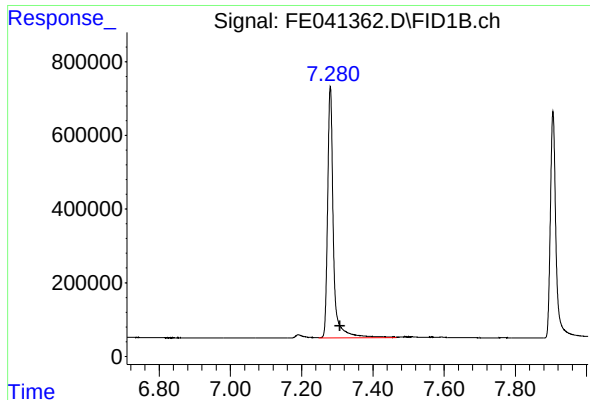
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.026 min
Response: 8011024
Conc: 43.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.025 min
Response: 7815225
Conc: 45.05 ug/ml



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

R.T.: 7.281 min
Delta R.T.: -0.027 min
Response: 7708269
Conc: 46.54 ug/ml

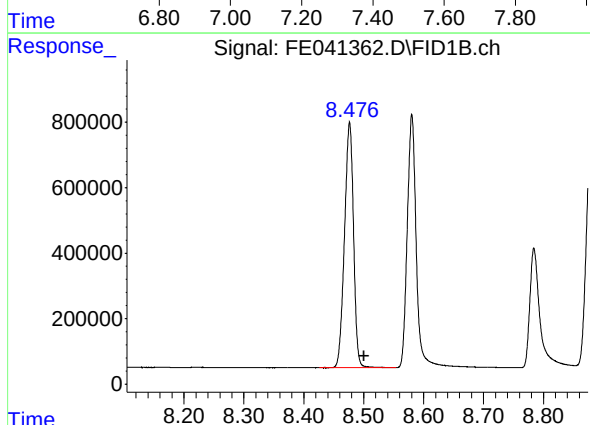
Instrument :

FID_E

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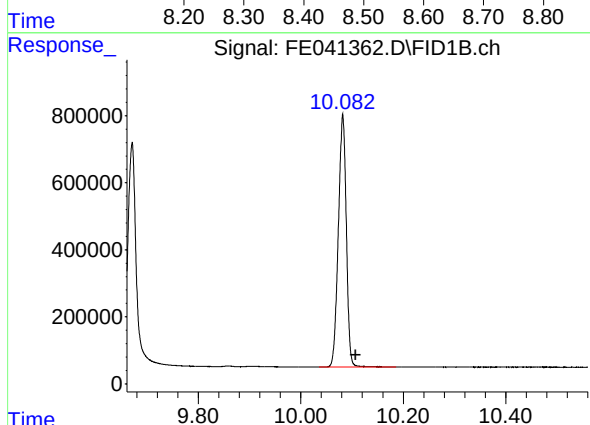
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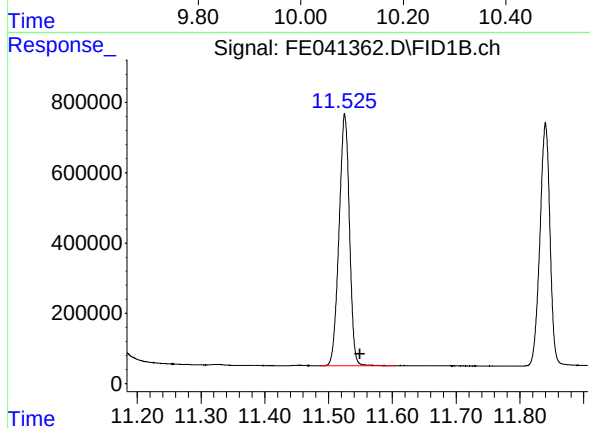
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.024 min
Response: 7872536
Conc: 45.15 ug/ml



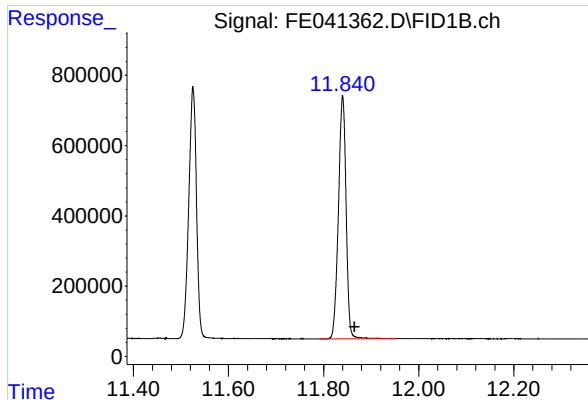
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.025 min
Response: 8129120
Conc: 45.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.024 min
Response: 8087708
Conc: 45.30 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.025 min
Response: 7660303
Conc: 40.76 ug/ml

Instrument :

FID_E

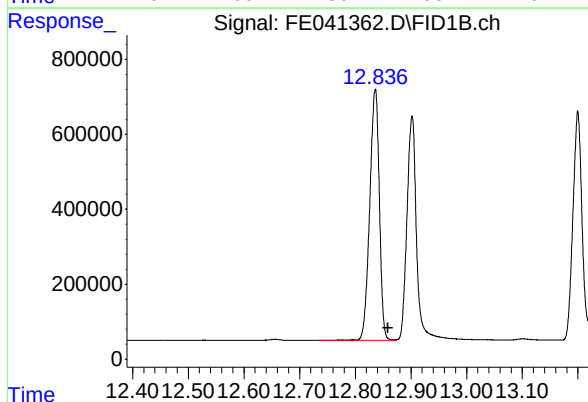
ClientSampleId :

PB152125BS

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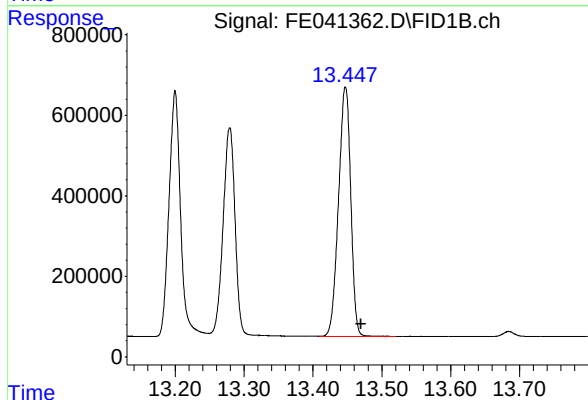
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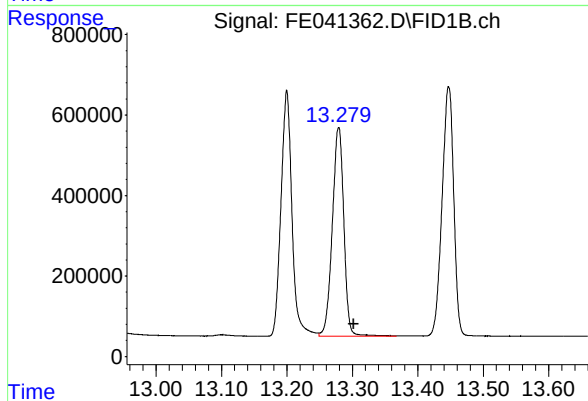
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 8020344
Conc: 47.02 ug/ml



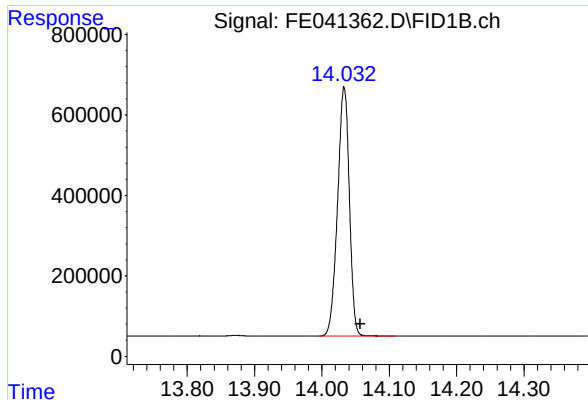
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.023 min
Response: 7653262
Conc: 45.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.023 min
Response: 6350294
Conc: 44.14 ug/ml



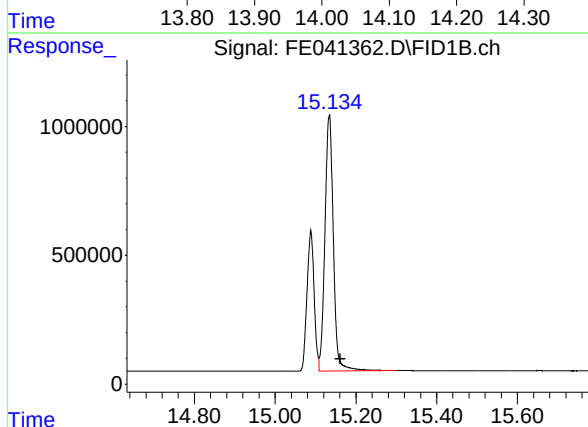
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.024 min
Response: 7524593
Conc: 45.47 ug/ml

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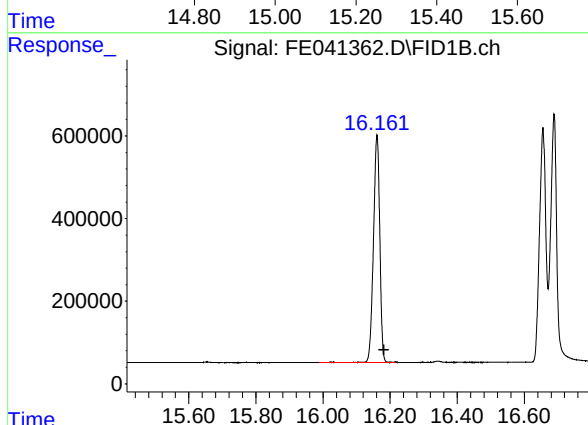
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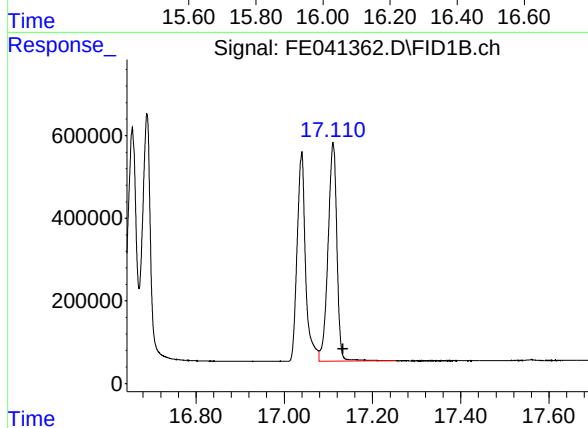
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.027 min
Response: 14409287
Conc: 89.06 ug/ml



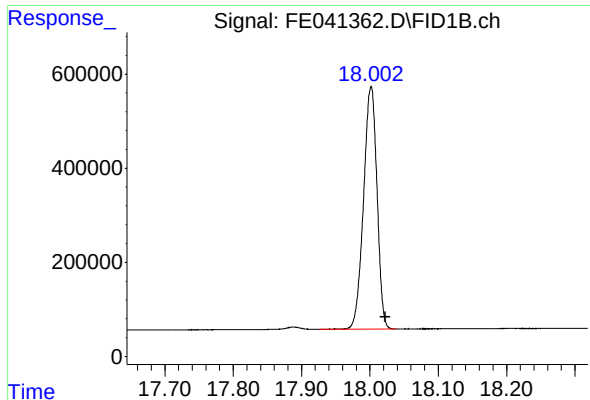
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.021 min
Response: 7167784
Conc: 46.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.022 min
Response: 7366982
Conc: 48.09 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.021 min
Response: 7046072
Conc: 46.10 ug/ml

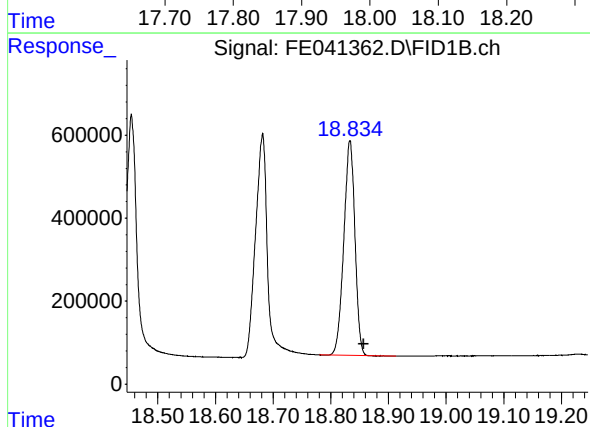
Instrument :

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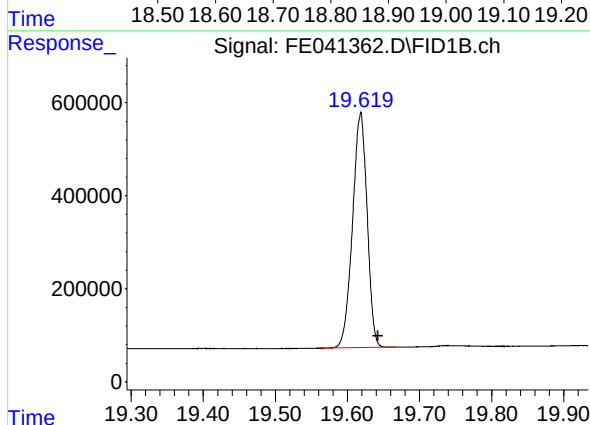
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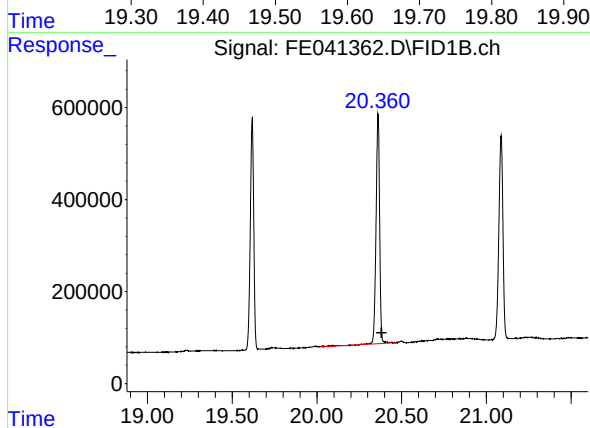
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.024 min
Response: 6946719
Conc: 44.49 ug/ml



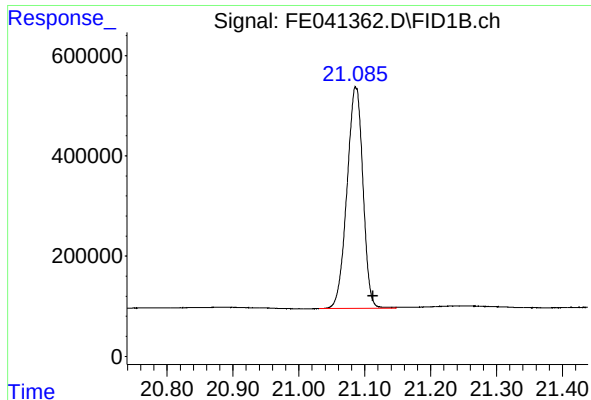
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.024 min
Response: 7107095
Conc: 45.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.023 min
Response: 7276859
Conc: 47.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.026 min
Response: 7457967
Conc: 47.74 ug/ml

Instrument :

FID_E

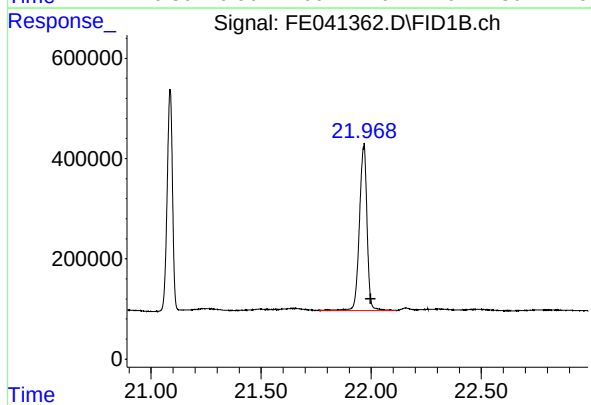
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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.030 min
Response: 7996831
Conc: 50.10 ug/ml