

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041546.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 14:15
 Operator : YP\AJ
 Sample : PB152408BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152408BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/27/2023

Supervised By :Ankita Jodhani 04/27/2023

Integration File: autoint1.e

Quant Time: Apr 27 02:02:18 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	11.984	7234614	38.562 ug/ml
Spiked Amount 50.000		Recovery =	77.12%
12) S 1-chlorooctadecane (S...	13.419	5818149	41.185 ug/ml
Spiked Amount 50.000		Recovery =	82.37%
Target Compounds			
1) T n-Nonane (C9)	3.368	5573704	37.917 ug/ml
2) T n-Decane (C10)	4.616	5703901	38.031 ug/ml
3) T A~Naphthalene (C11.7)	6.318	6491125	39.224 ug/ml
4) T n-Dodecane (C12)	6.781	5985086	39.364 ug/ml
5) T A~2-methylnaphthalene...	7.415	6273093	38.904 ug/ml
6) T n-Tetradecane (C14)	8.611	6180588	40.687 ug/ml
7) T n-Hexadecane (C16)	10.219	6729803	42.171 ug/ml
8) T n-Octadecane (C18)	11.665	7022621	42.844 ug/ml
10) T n-Eicosane (C20)	12.975	6936081	43.123 ug/ml
11) T n-Heneicosane (C21)	13.587	6760067	42.417 ug/ml
13) T n-Docosane (C22)	14.174	6658981	41.794 ug/ml
14) T n-Tetracosane (C24)	15.272	4539408	28.157 ug/mlm
15) T n-Hexacosane (C26)	16.300	6292223	39.800 ug/ml
16) T n-Octacosane (C28)	17.249	6126721	39.817 ug/ml
17) T n-Tricontane (C30)	18.138	5988150	39.317 ug/ml
18) T n-Dotriacontane (C32)	18.969	5790691	38.869 ug/ml
19) T n-Tetratriacontane (C34)	19.753	5718681	40.594 ug/ml
20) T n-Hexatriacontane (C36)	20.494	5426784	40.580 ug/ml
21) T n-Octatriacontane (C38)	21.248	5454956	41.283 ug/ml
22) T n-Tetracontane (C40)	22.191	5601039	44.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152408BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

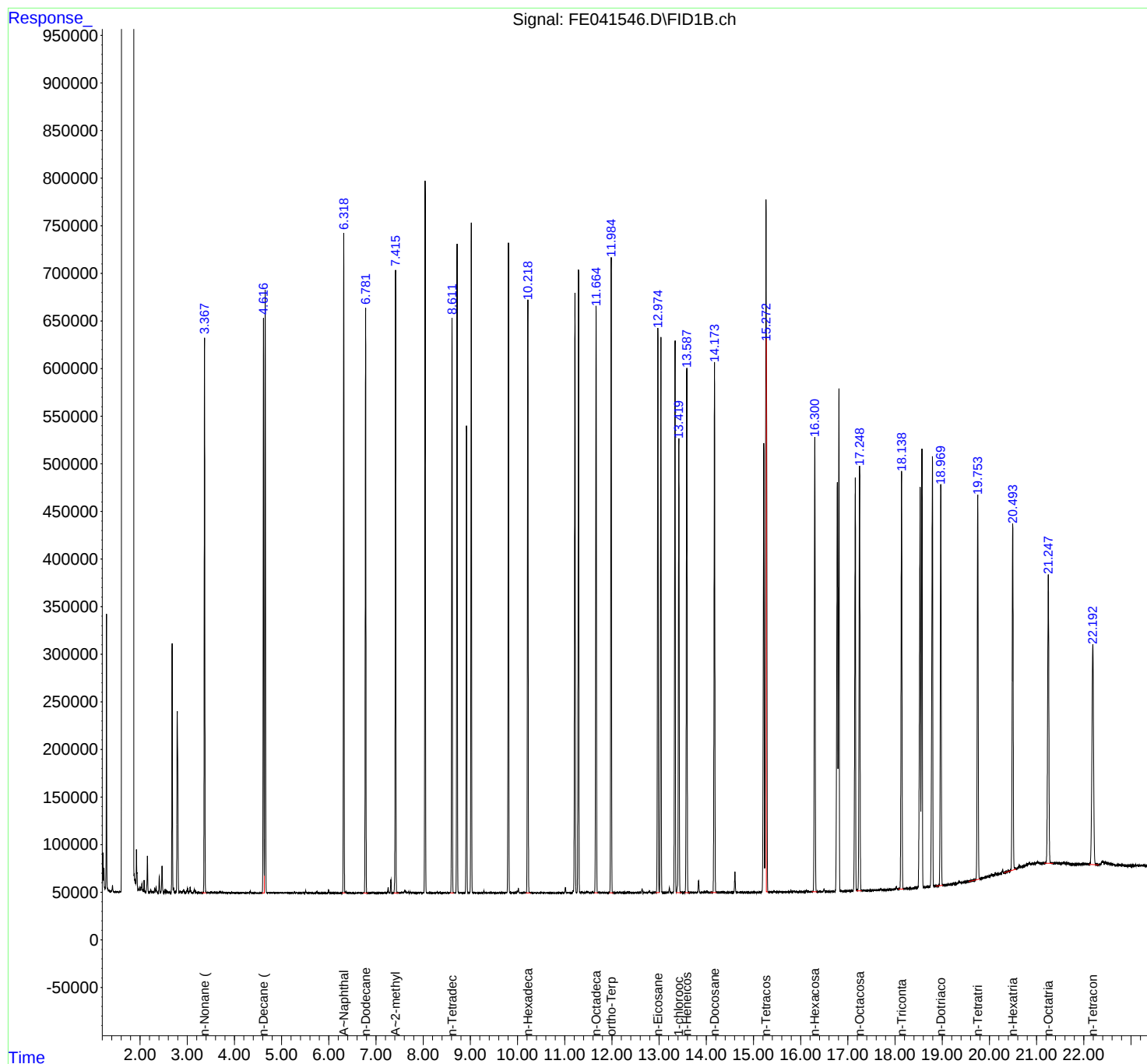
Instrument :
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PB152408BS

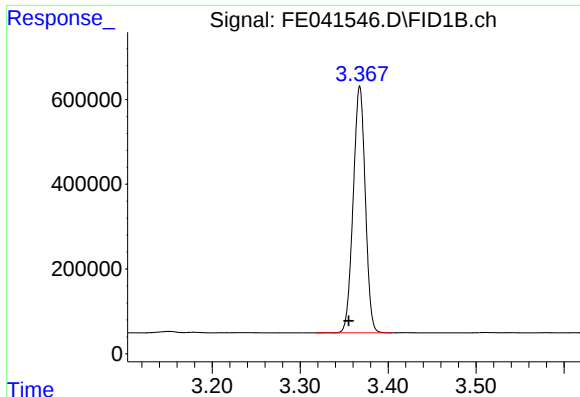
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.013 min
Response: 5573704
Conc: 37.92 ug/ml

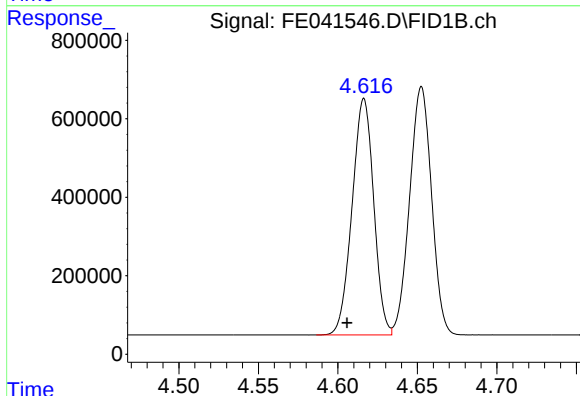
Instrument :

FID_E

ClientSampleId :
PB152408BS

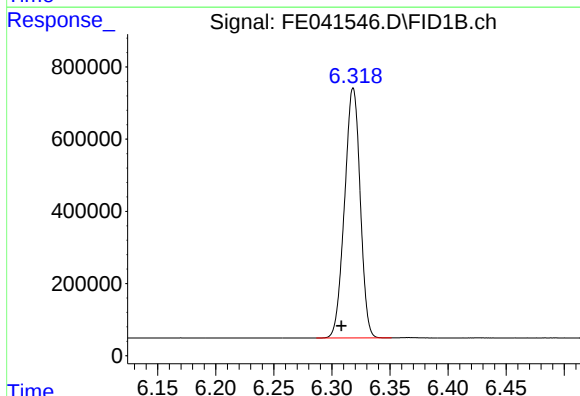
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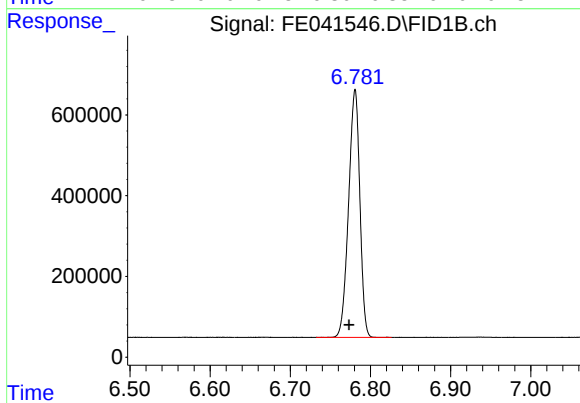
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.011 min
Response: 5703901
Conc: 38.03 ug/ml



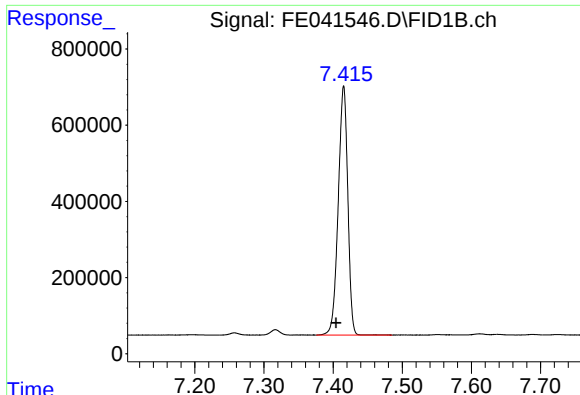
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: 0.010 min
Response: 6491125
Conc: 39.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.008 min
Response: 5985086
Conc: 39.36 ug/ml



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

R.T.: 7.415 min
Delta R.T.: 0.011 min
Response: 6273093
Conc: 38.90 ug/ml

Instrument :

FID_E

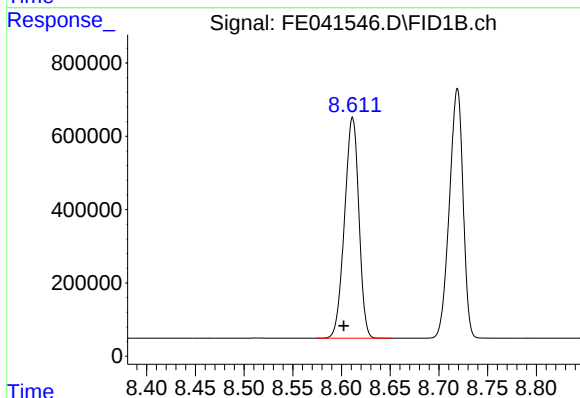
ClientSampleId :

PB152408BS

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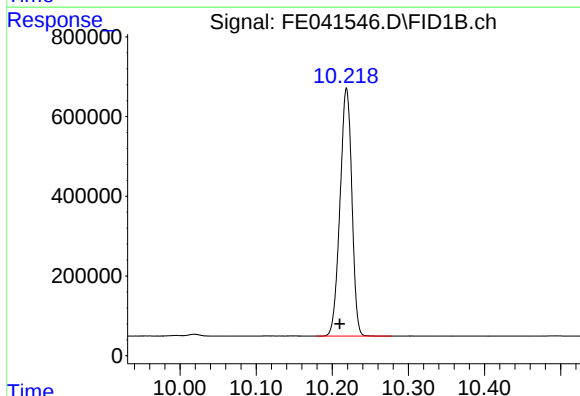
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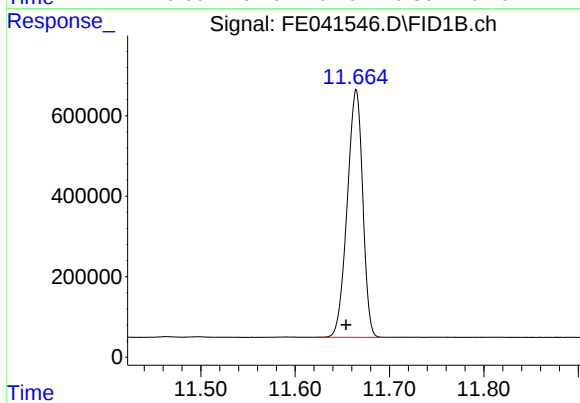
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 6180588
Conc: 40.69 ug/ml



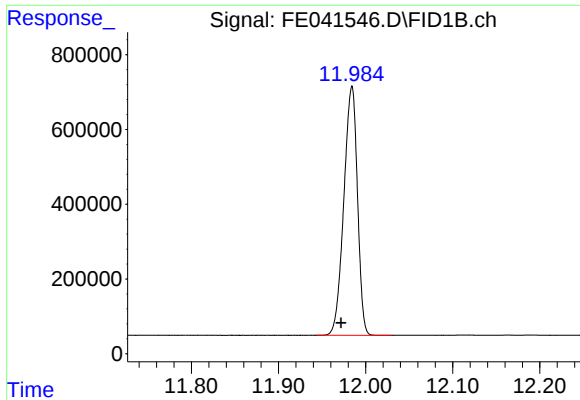
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 6729803
Conc: 42.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.011 min
Response: 7022621
Conc: 42.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.013 min
Response: 7234614
Conc: 38.56 ug/ml

Instrument :

FID_E

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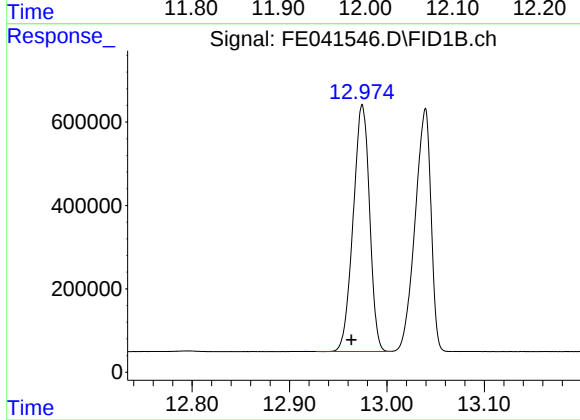
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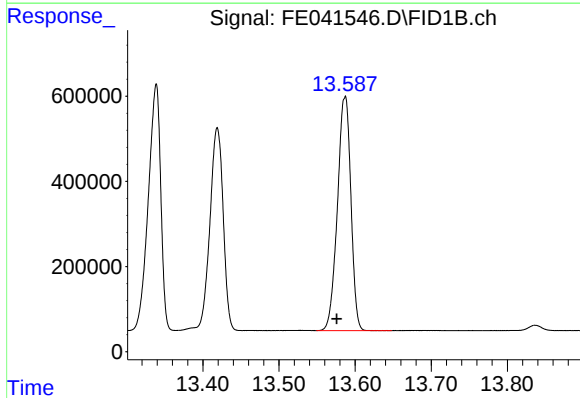
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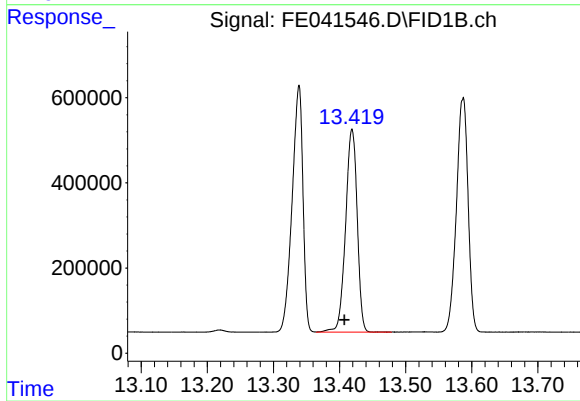
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.011 min
Response: 6936081
Conc: 43.12 ug/ml



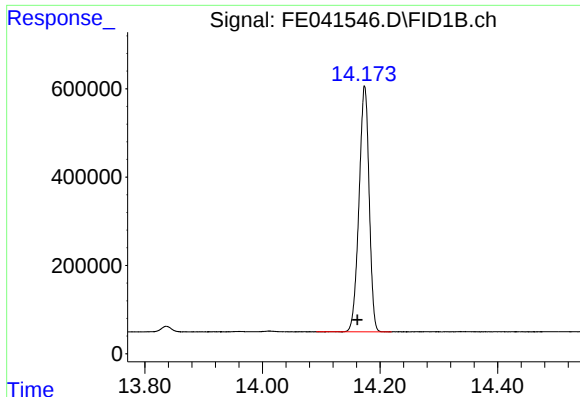
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.011 min
Response: 6760067
Conc: 42.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.011 min
Response: 5818149
Conc: 41.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.012 min
Response: 6658981
Conc: 41.79 ug/ml

Instrument :

FID_E

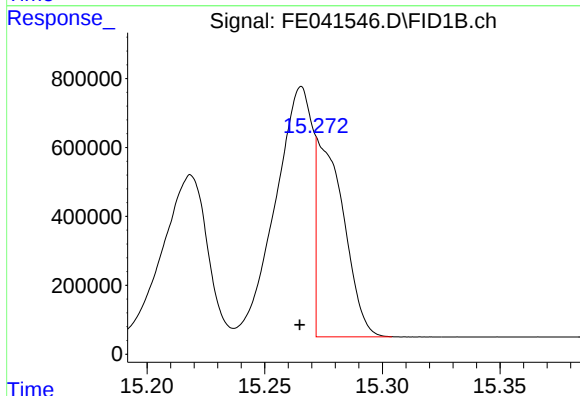
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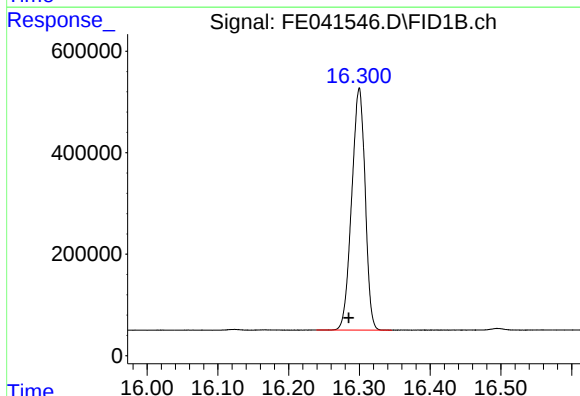
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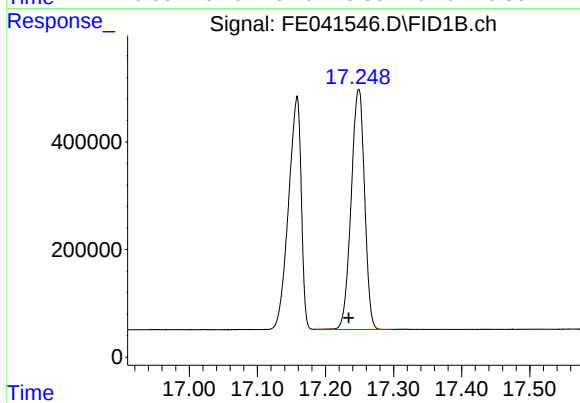
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.007 min
Response: 4539408
Conc: 28.16 ug/ml m



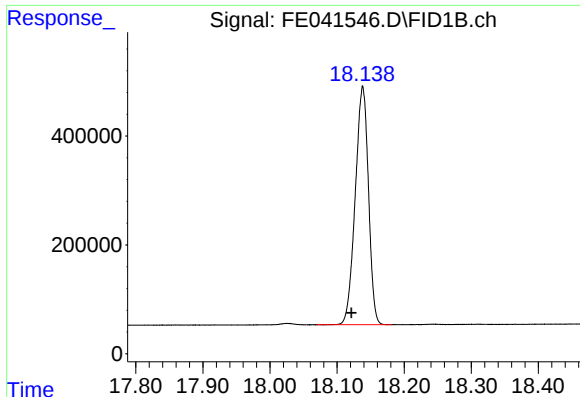
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.015 min
Response: 6292223
Conc: 39.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.015 min
Response: 6126721
Conc: 39.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.138 min
Delta R.T.: 0.017 min
Response: 5988150
Conc: 39.32 ug/ml

Instrument :

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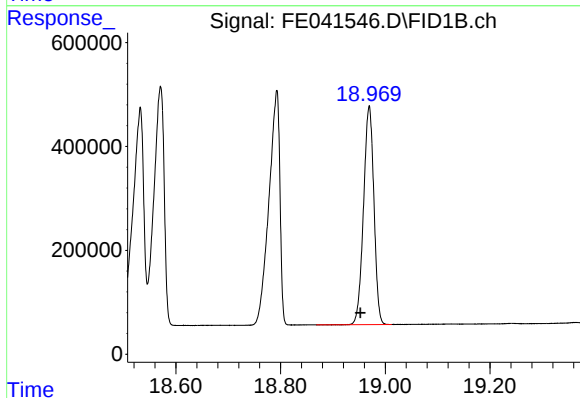
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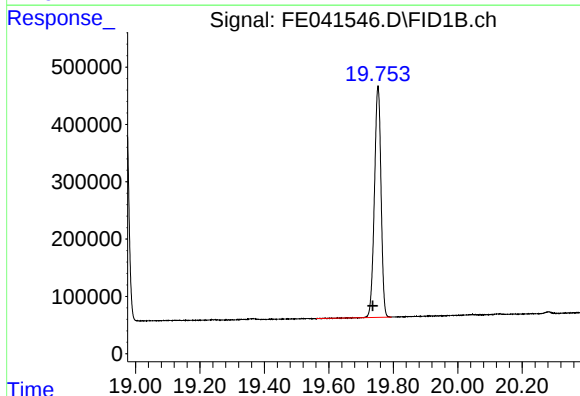
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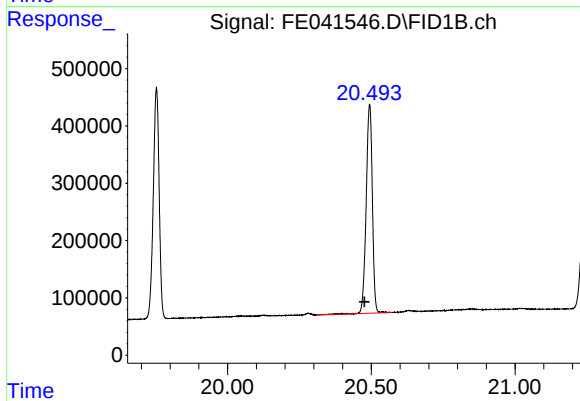
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.017 min
Response: 5790691
Conc: 38.87 ug/ml



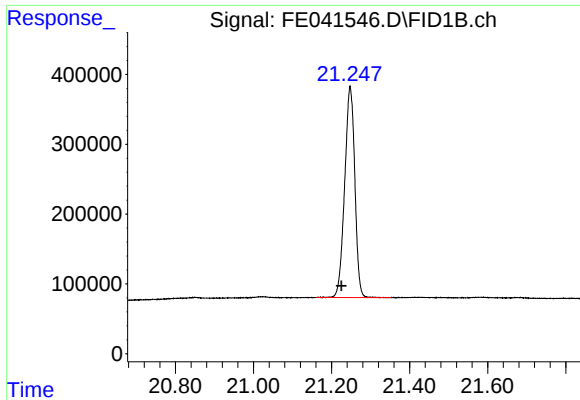
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.017 min
Response: 5718681
Conc: 40.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: 0.018 min
Response: 5426784
Conc: 40.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.248 min
Delta R.T.: 0.023 min
Response: 5454956
Conc: 41.28 ug/ml

Instrument :

FID_E

ClientSampleId :

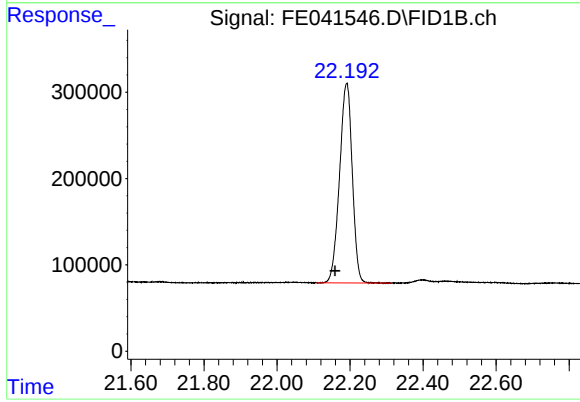
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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.032 min
Response: 5601039
Conc: 44.24 ug/ml