

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045594.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 15:21
 Operator : YP\AJ
 Sample : PB157470BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157470BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e

Quant Time: Nov 30 23:25:59 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.863	8376438	40.056 ug/ml
Spiked Amount 50.000		Recovery =	80.11%
12) S 1-chlorooctadecane (S...	13.305	6549863	41.627 ug/ml
Spiked Amount 50.000		Recovery =	83.25%
Target Compounds			
1) T n-Nonane (C9)	3.265	6720358	42.379 ug/ml
2) T n-Decane (C10)	4.509	7138554	44.579 ug/ml
3) T A~Naphthalene (C11.7)	6.202	8345218	47.907 ug/ml
4) T n-Dodecane (C12)	6.669	7646812	47.340 ug/ml
5) T A~2-methylnaphthalene...	7.297	8425489	49.615 ug/ml
6) T n-Tetradecane (C14)	8.497	8395558	52.334 ug/ml
7) T n-Hexadecane (C16)	10.105	9071286	54.780 ug/ml
8) T n-Octadecane (C18)	11.551	9595983	55.970 ug/ml
10) T n-Eicosane (C20)	12.864	9899165	57.214 ug/ml
11) T n-Heneicosane (C21)	13.475	9531991	55.409 ug/ml
13) T n-Docosane (C22)	14.063	9562464	55.460 ug/ml
14) T n-Tetracosane (C24)	15.150	19538550	111.918 ug/mlm
15) T n-Hexacosane (C26)	16.192	9499795	54.548 ug/ml
16) T n-Octacosane (C28)	17.140	9405691	54.421 ug/ml
17) T n-Tricontane (C30)	18.033	9208640	52.637 ug/ml
18) T n-Dotriacontane (C32)	18.864	9086913	49.809 ug/ml
19) T n-Tetratriacontane (C34)	19.648	8492609	51.182 ug/ml
20) T n-Hexatriacontane (C36)	20.389	7883991	49.667 ug/ml
21) T n-Octatriacontane (C38)	21.122	7540880	48.086 ug/ml
22) T n-Tetracontane (C40)	22.026	7409114	52.135 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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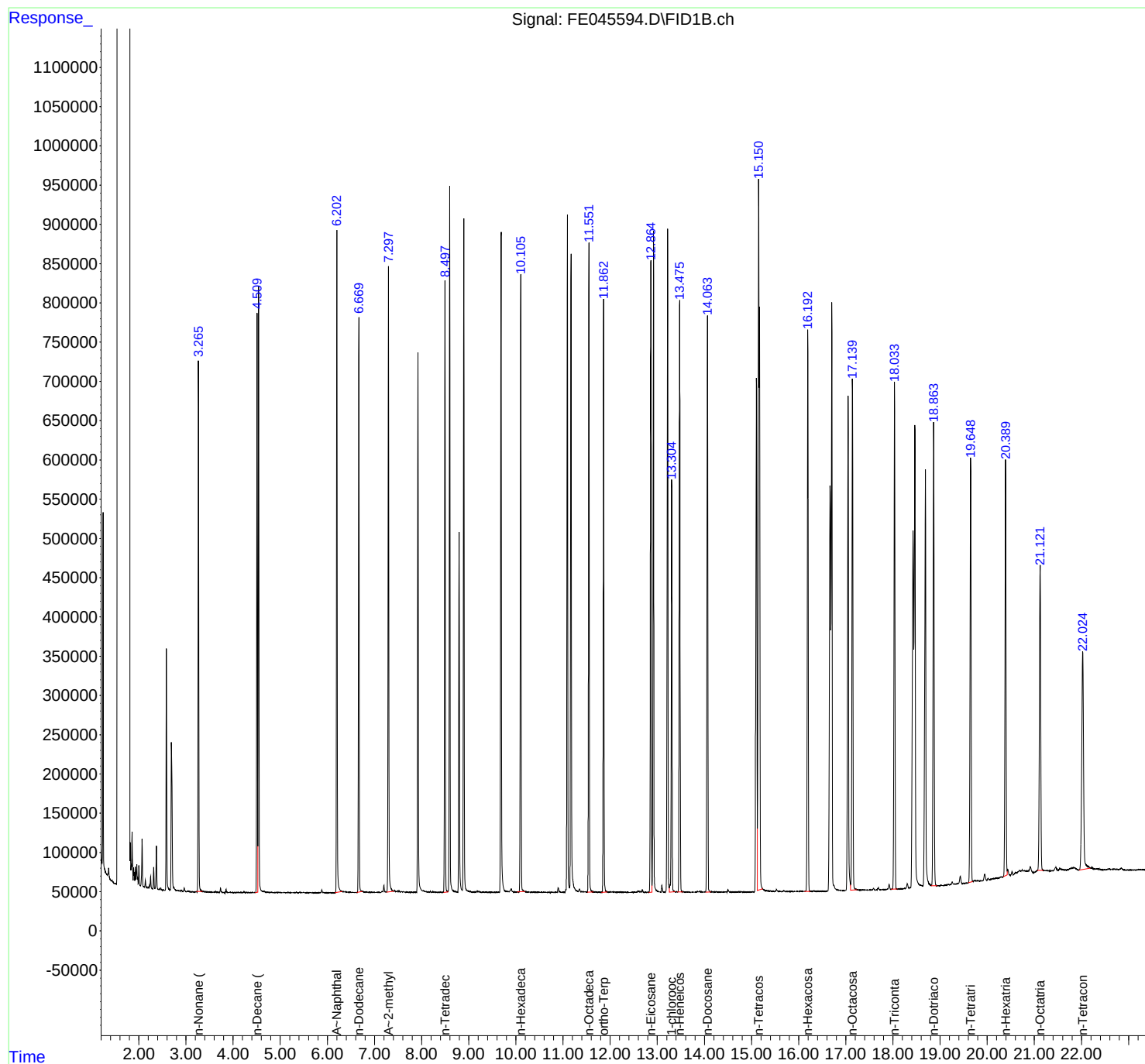
Response via : Initial Calibration

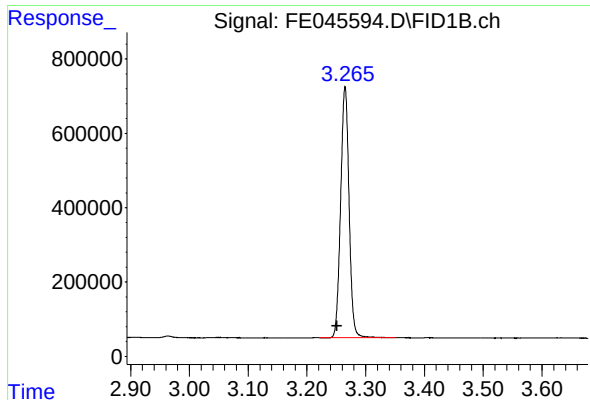
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.014 min
Response: 6720358
Conc: 42.38 ug/ml

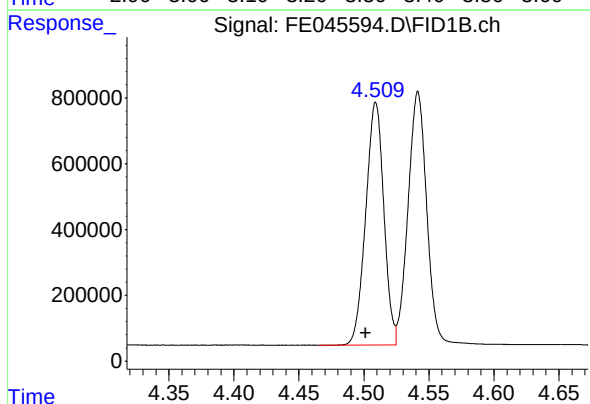
Instrument :

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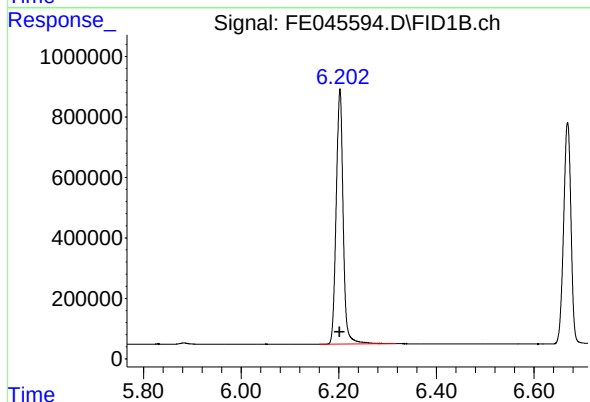
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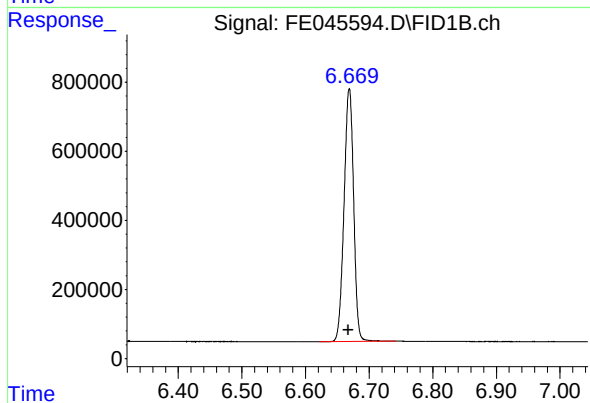
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.008 min
Response: 7138554
Conc: 44.58 ug/ml



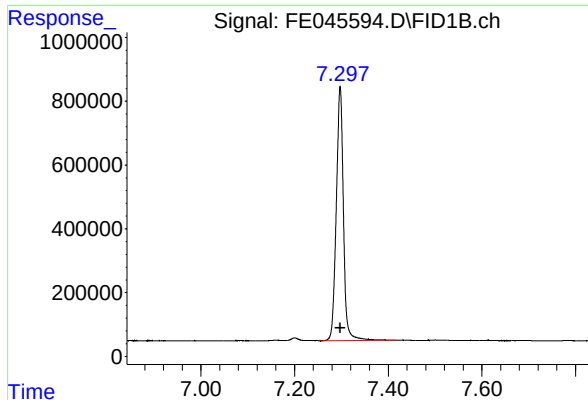
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 8345218
Conc: 47.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 7646812
Conc: 47.34 ug/ml



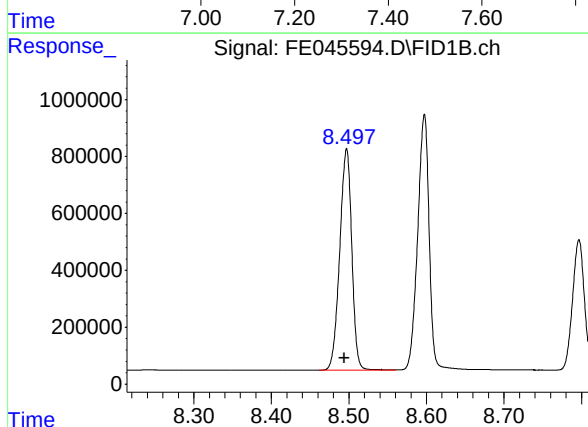
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 8425489
Conc: 49.61 ug/ml

Instrument :
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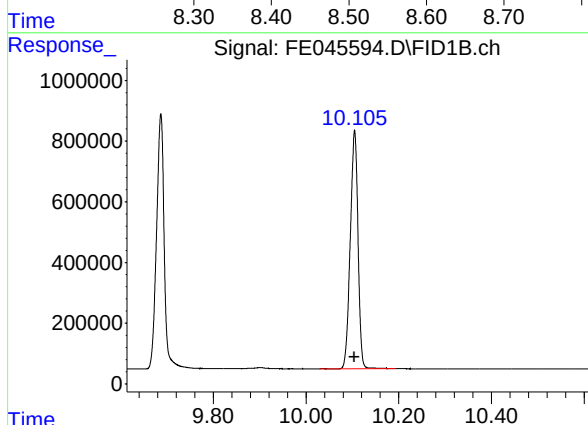
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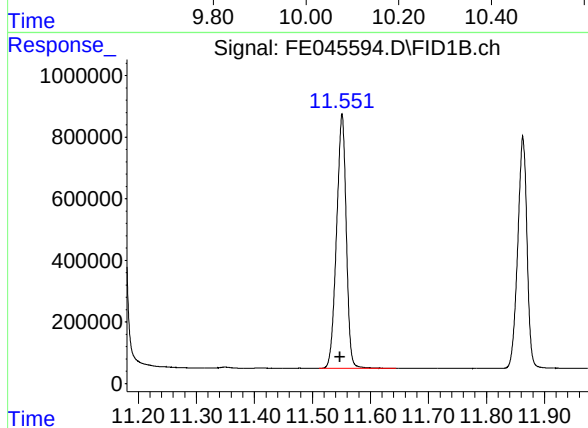
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.003 min
Response: 8395558
Conc: 52.33 ug/ml



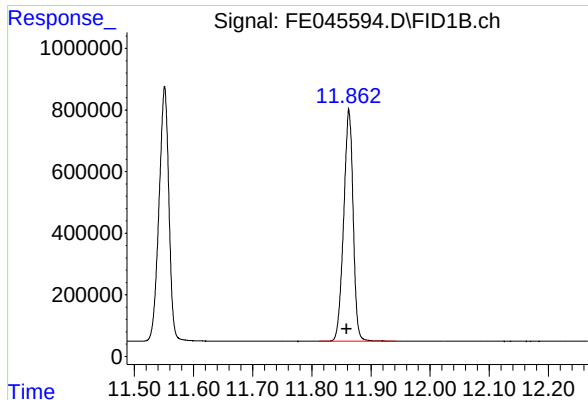
#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 9071286
Conc: 54.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 9595983
Conc: 55.97 ug/ml



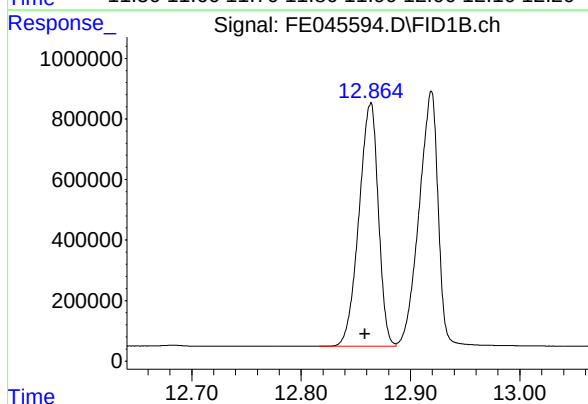
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.004 min
Response: 8376438
Conc: 40.06 ug/ml

Instrument :
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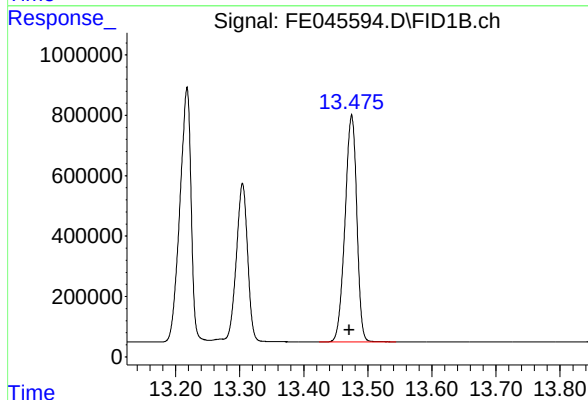
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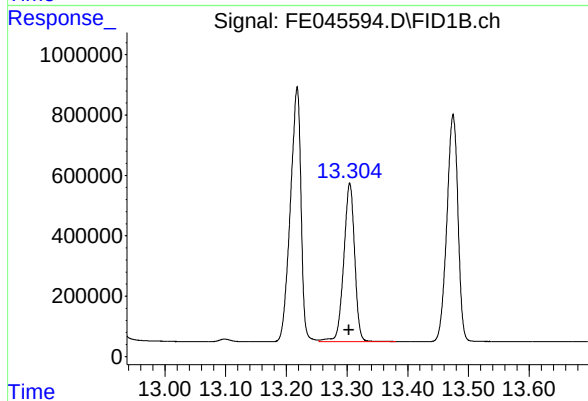
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: 0.005 min
Response: 9899165
Conc: 57.21 ug/ml



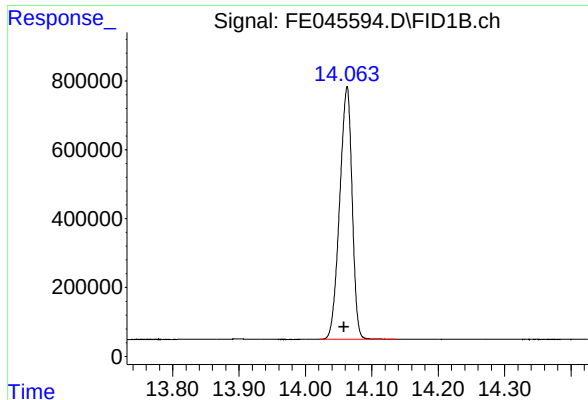
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: 0.004 min
Response: 9531991
Conc: 55.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 6549863
Conc: 41.63 ug/ml



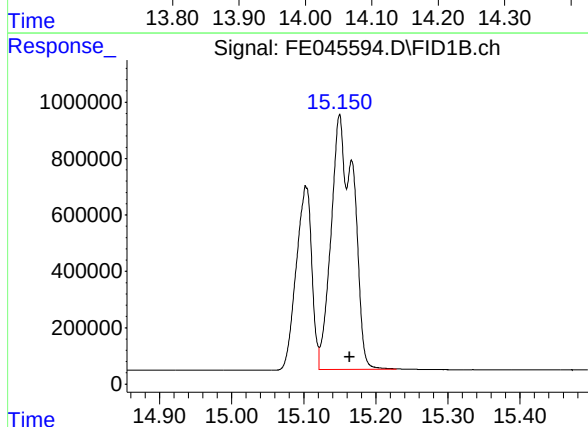
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.005 min
Response: 9562464
Conc: 55.46 ug/ml

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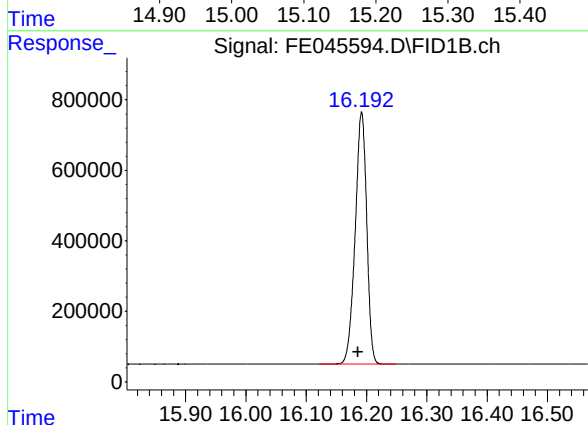
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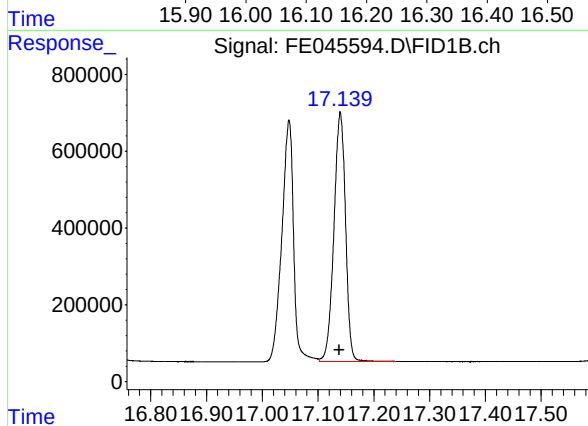
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.014 min
Response: 19538550
Conc: 111.92 ug/ml m



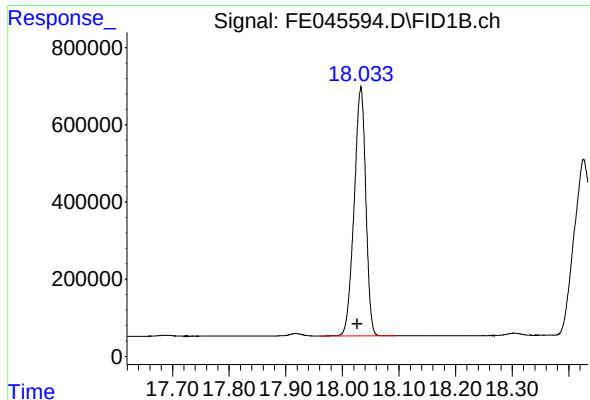
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.006 min
Response: 9499795
Conc: 54.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.002 min
Response: 9405691
Conc: 54.42 ug/ml



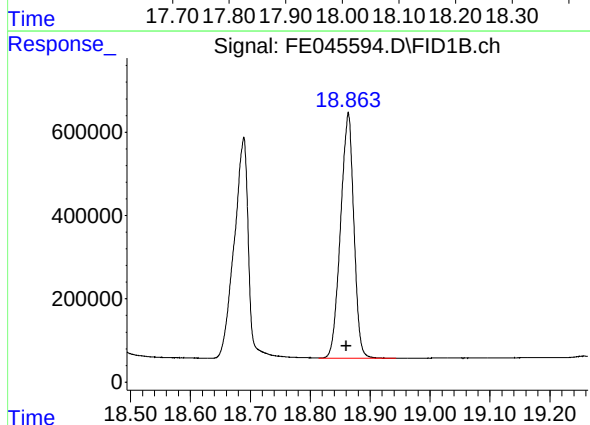
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.007 min
Response: 9208640
Conc: 52.64 ug/ml

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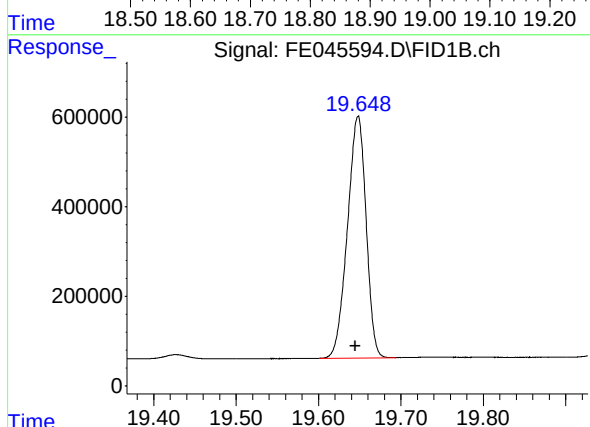
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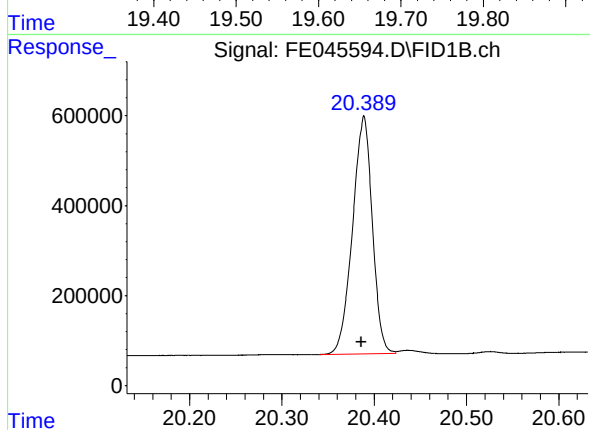
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 9086913
Conc: 49.81 ug/ml



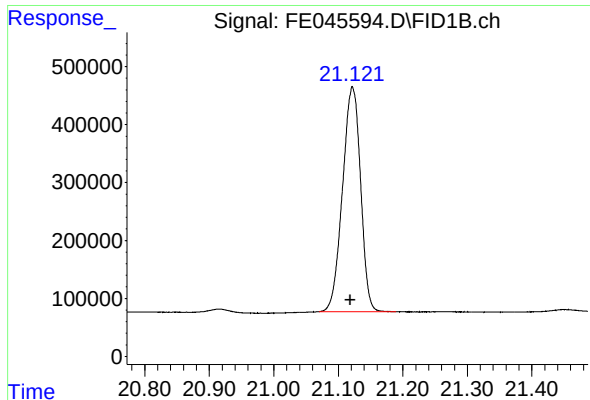
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 8492609
Conc: 51.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.003 min
Response: 7883991
Conc: 49.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.003 min
Response: 7540880
Conc: 48.09 ug/ml

Instrument :

FID_E

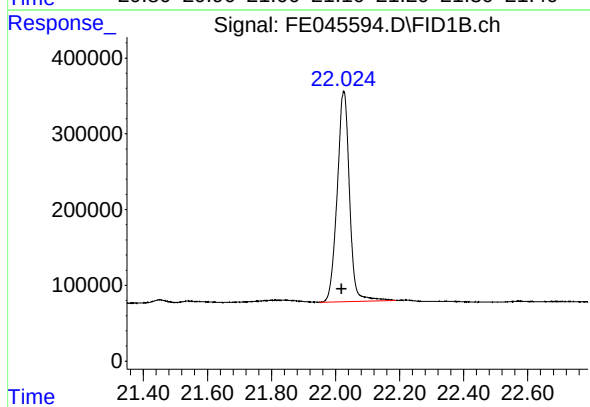
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#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.007 min
Response: 7409114
Conc: 52.13 ug/ml