

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073024AL\
 Data File : FE049308.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2024 13:48
 Operator : YP\AJ
 Sample : PB162356BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162356BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :Ankita Jodhani 07/31/2024

Integration File: sample.E

Quant Time: Jul 31 01:19:53 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.908	6980441	45.005 ug/ml
Spiked Amount 50.000		Recovery =	90.01%
12) S 1-chlorooctadecane (S...	13.341	5516100	47.212 ug/ml
Spiked Amount 50.000		Recovery =	94.42%
Target Compounds			
1) T n-Nonane (C9)	3.301	5313948	35.335 ug/ml
2) T n-Decane (C10)	4.548	5507949	35.661 ug/ml
3) T A~Naphthalene (C11.7)	6.251	6151905	39.485 ug/ml
4) T n-Dodecane (C12)	6.710	5427494	35.248 ug/ml
5) T A~2-methylnaphthalene...	7.346	6041910	41.517 ug/ml
6) T n-Tetradecane (C14)	8.540	5843437	38.501 ug/ml
7) T n-Hexadecane (C16)	10.146	6314809	41.639 ug/ml
8) T n-Octadecane (C18)	11.588	6557308	43.188 ug/ml
10) T n-Eicosane (C20)	12.897	6629263	45.843 ug/ml
11) T n-Heneicosane (C21)	13.509	6448654	45.474 ug/ml
13) T n-Docosane (C22)	14.094	6388669	45.473 ug/ml
14) T n-Tetracosane (C24)	15.191	12517176	89.312 ug/ml
15) T n-Hexacosane (C26)	16.218	6377850	45.484 ug/ml
16) T n-Octacosane (C28)	17.166	6800208	48.584 ug/ml
17) T n-Tricontane (C30)	18.054	6469022	44.347 ug/ml
18) T n-Dotriacontane (C32)	18.883	6792652	46.197 ug/ml
19) T n-Tetratriacontane (C34)	19.666	6709701	45.935 ug/ml
20) T n-Hexatriacontane (C36)	20.407	6918441	47.992 ug/ml
21) T n-Octatriacontane (C38)	21.138	7200553	48.103 ug/ml
22) T n-Tetracontane (C40)	22.044	7110300	47.118 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162356BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

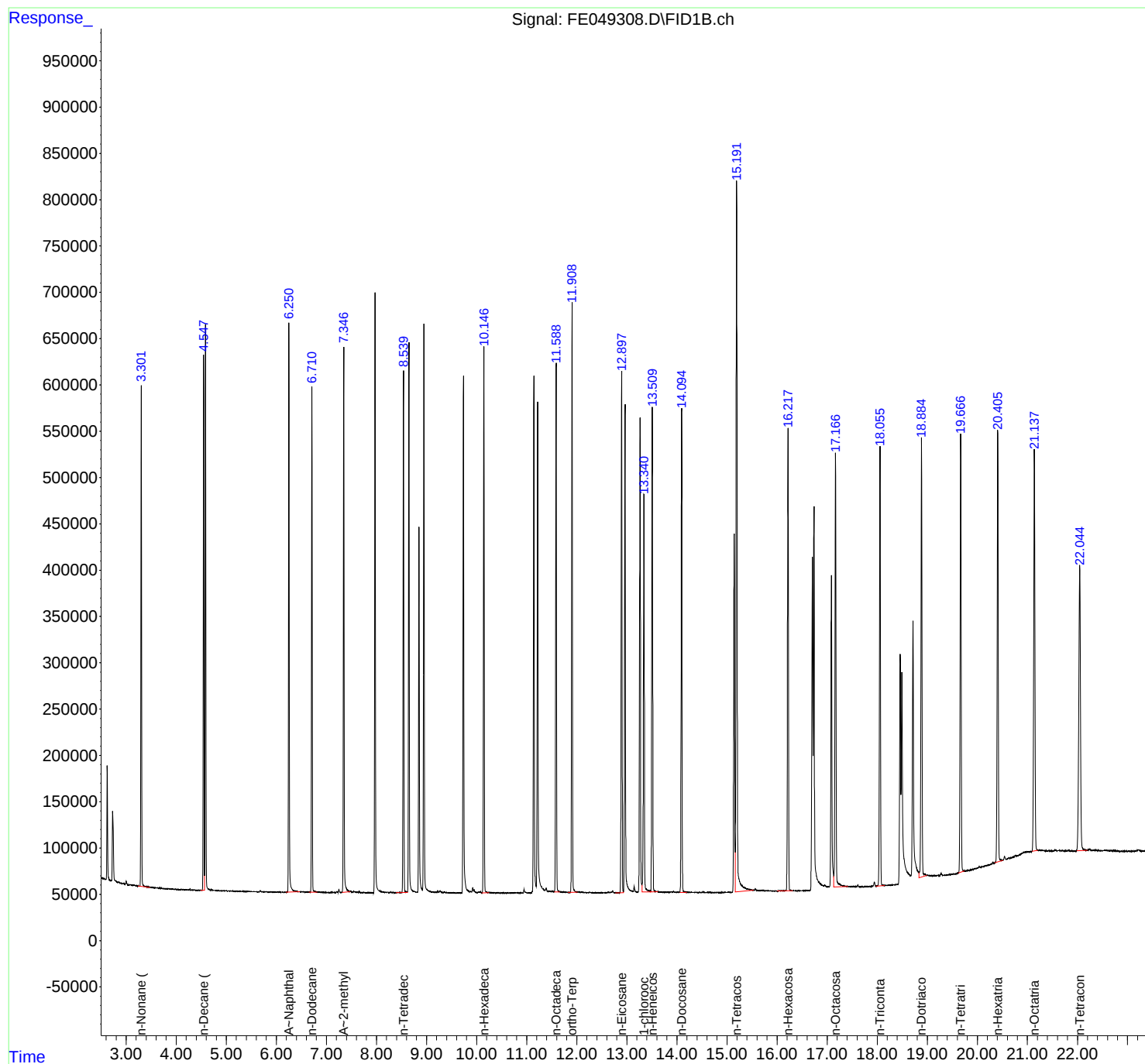
Instrument :
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ClientSampleId :
PB162356BS

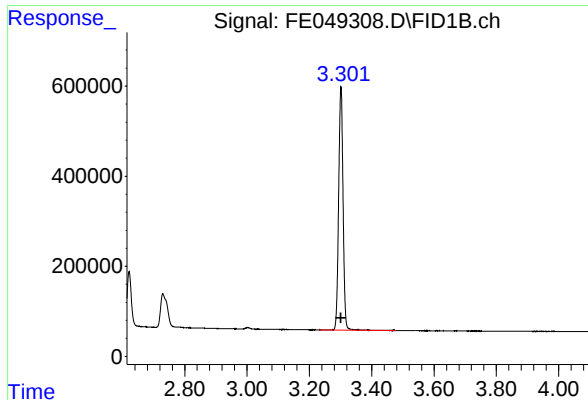
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 5313948
Conc: 35.33 ug/ml

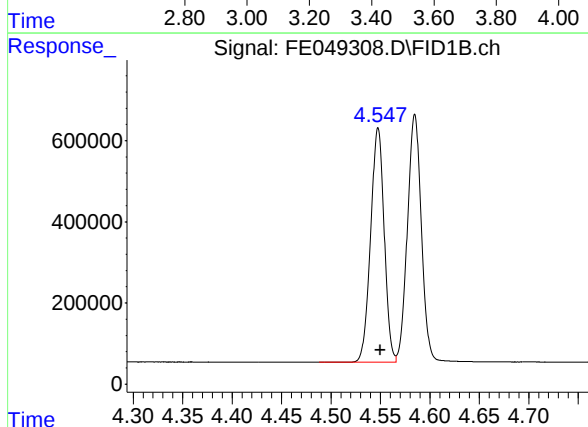
Instrument :

FID_E

ClientSampleId :
PB162356BS

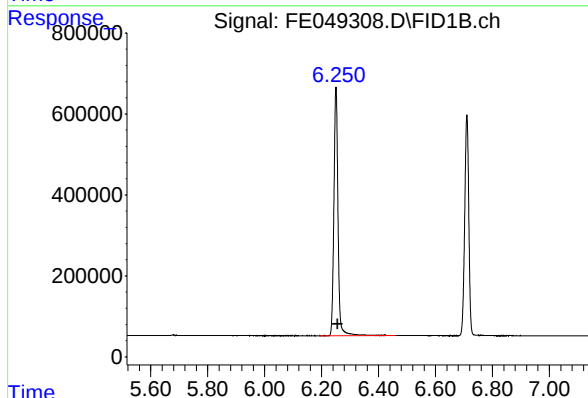
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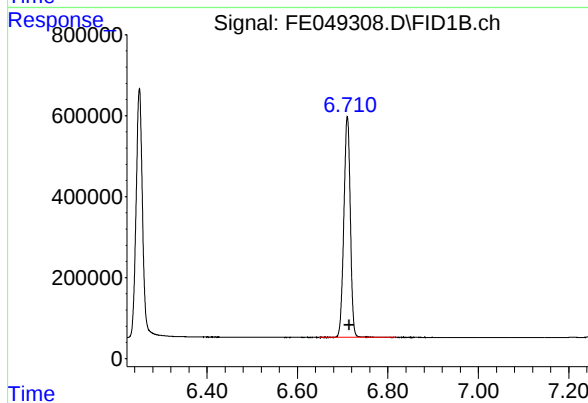
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 5507949
Conc: 35.66 ug/ml



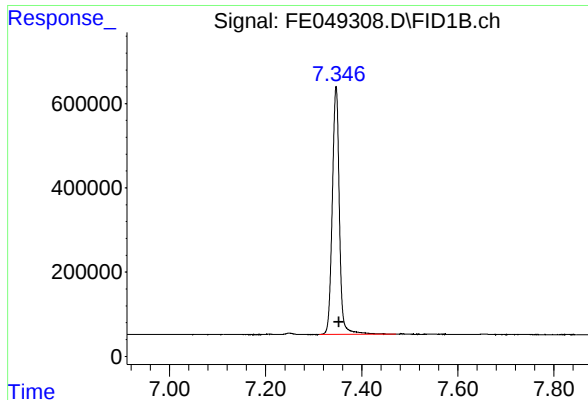
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 6151905
Conc: 39.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 5427494
Conc: 35.25 ug/ml



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

R.T.: 7.346 min
Delta R.T.: -0.006 min
Response: 6041910
Conc: 41.52 ug/ml

Instrument :

FID_E

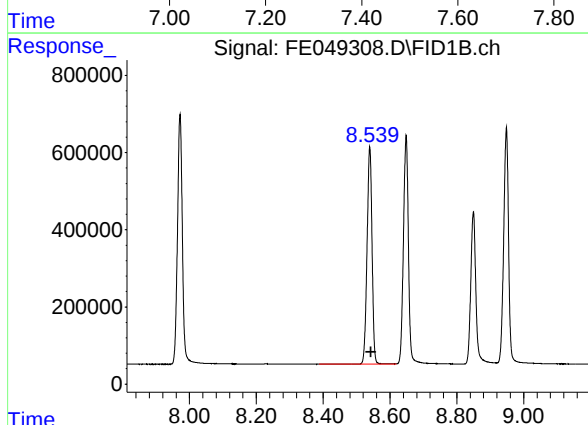
ClientSampleId :

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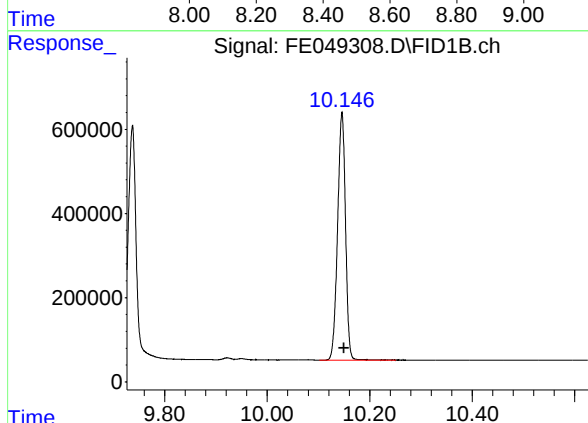
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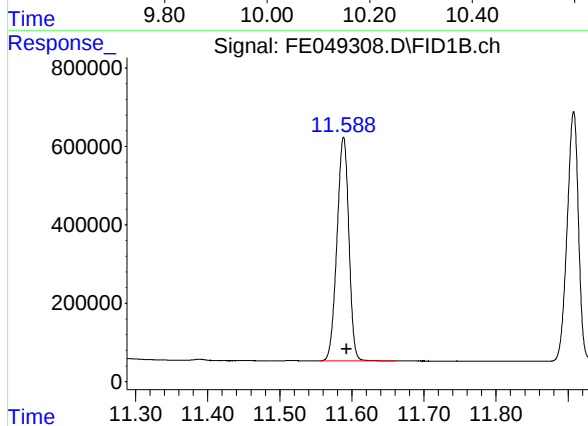
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.004 min
Response: 5843437
Conc: 38.50 ug/ml



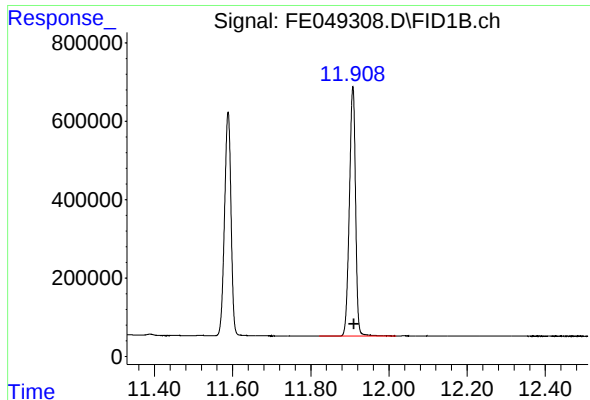
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.004 min
Response: 6314809
Conc: 41.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.004 min
Response: 6557308
Conc: 43.19 ug/ml



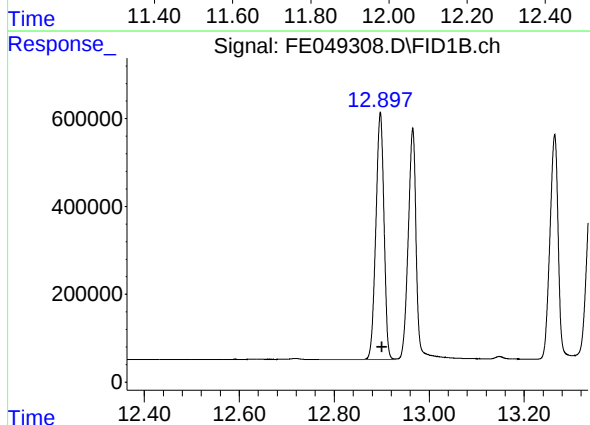
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: -0.003 min
Response: 6980441
Conc: 45.01 ug/ml

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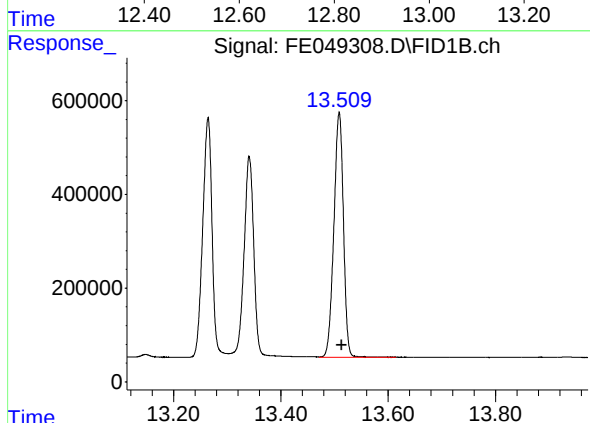
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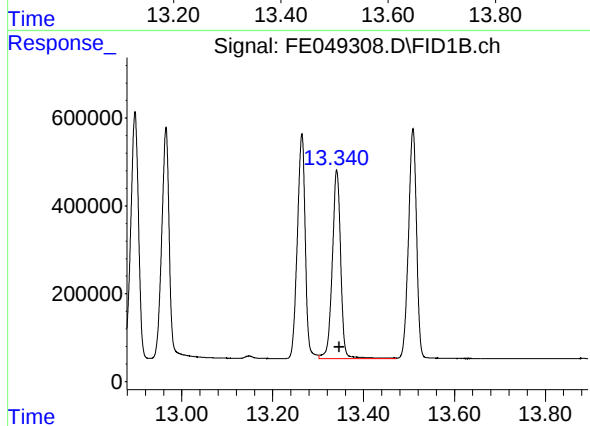
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 6629263
Conc: 45.84 ug/ml



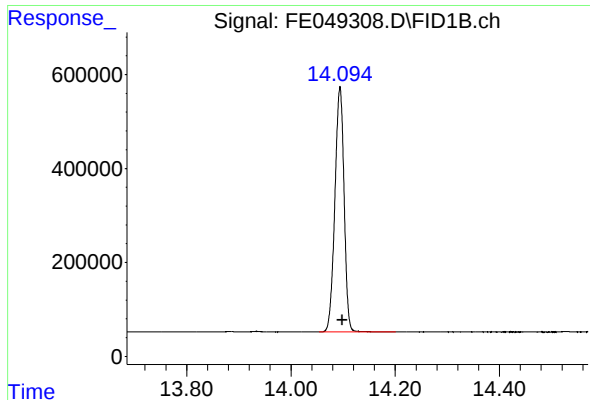
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 6448654
Conc: 45.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.005 min
Response: 5516100
Conc: 47.21 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 6388669
Conc: 45.47 ug/ml

Instrument :

FID_E

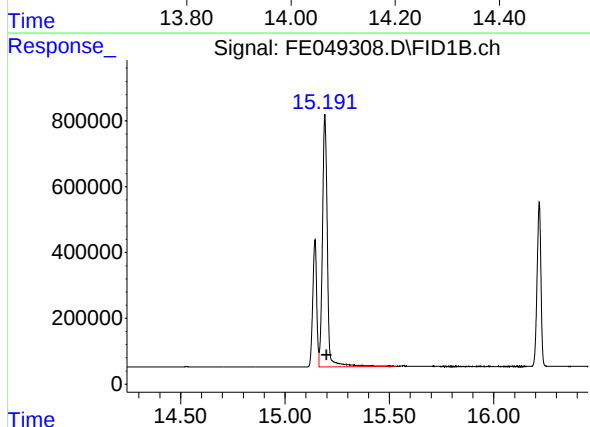
ClientSampleId :

PB162356BS

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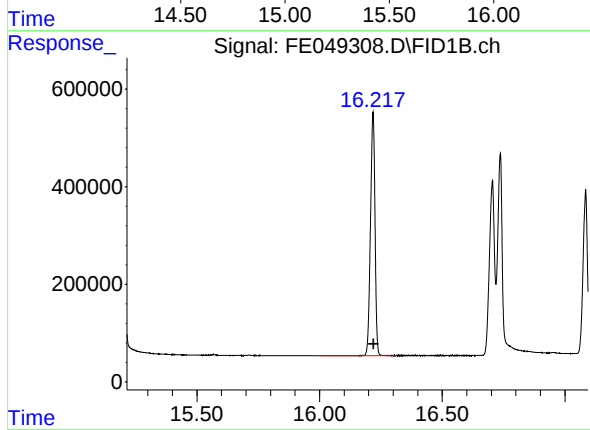
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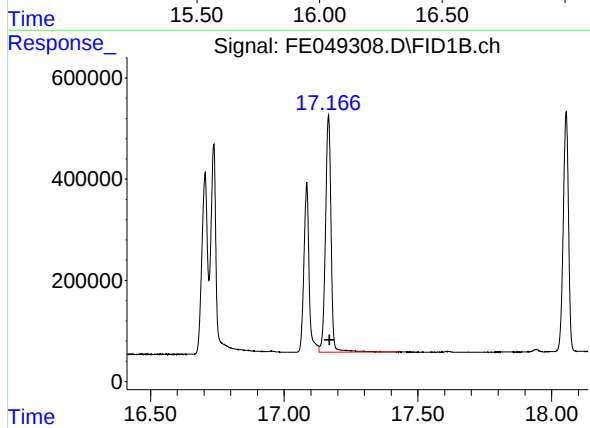
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.010 min
Response: 12517176
Conc: 89.31 ug/ml



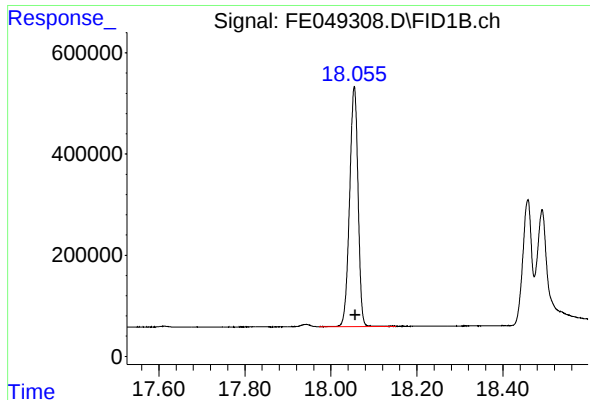
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 6377850
Conc: 45.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.004 min
Response: 6800208
Conc: 48.58 ug/ml



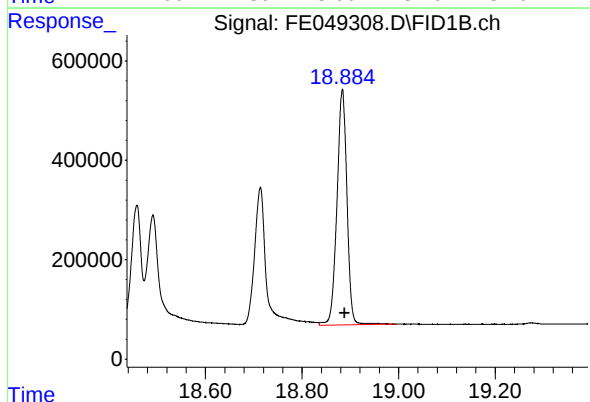
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.002 min
Response: 6469022
Conc: 44.35 ug/ml

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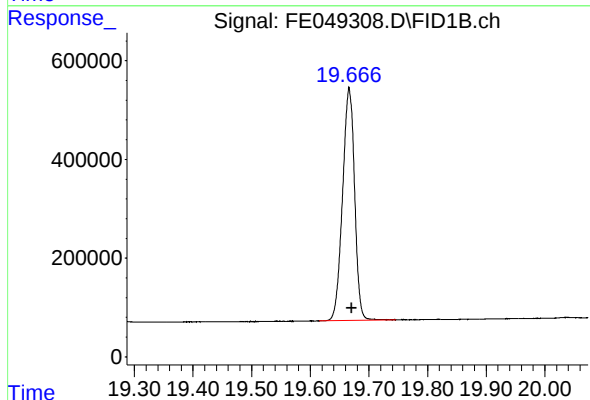
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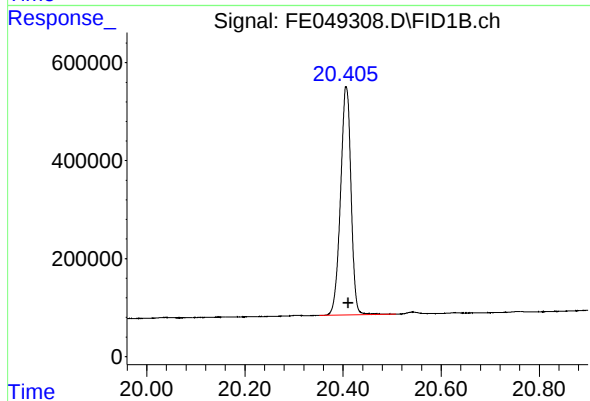
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.005 min
Response: 6792652
Conc: 46.20 ug/ml



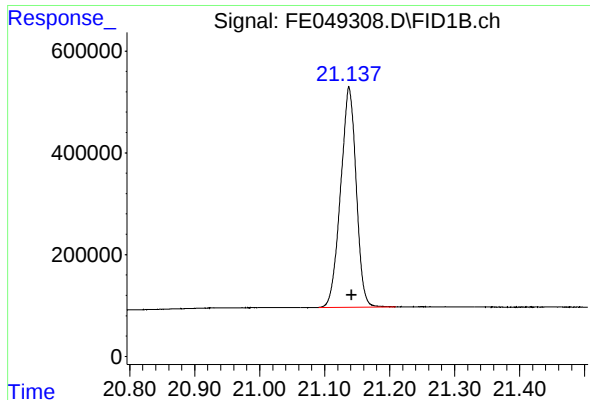
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.005 min
Response: 6709701
Conc: 45.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.004 min
Response: 6918441
Conc: 47.99 ug/ml



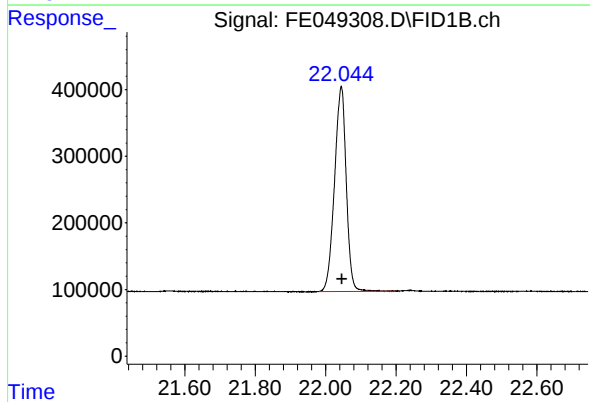
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 7200553
Conc: 48.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 7110300
Conc: 47.12 ug/ml