

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046150.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 16:34
 Operator : YP\AJ
 Sample : PB158347BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158347BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :Ankita Jodhani 01/11/2024

Integration File: autoint1.e

Quant Time: Jan 11 01:14:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.838	8548683	47.042 ug/ml
Spiked Amount 50.000		Recovery =	94.08%
12) S 1-chlorooctadecane (S...	13.281	6814391	51.002 ug/ml
Spiked Amount 50.000		Recovery =	102.00%
Target Compounds			
1) T n-Nonane (C9)	3.231	5615050	36.689 ug/ml
2) T n-Decane (C10)	4.476	6014888	38.756 ug/ml
3) T A~Naphthalene (C11.7)	6.176	7545694	45.372 ug/ml
4) T n-Dodecane (C12)	6.640	6914480	44.285 ug/ml
5) T A~2-methylnaphthalene...	7.272	7733662	48.575 ug/ml
6) T n-Tetradecane (C14)	8.469	7585480	48.696 ug/ml
7) T n-Hexadecane (C16)	10.077	7815360	49.353 ug/ml
8) T n-Octadecane (C18)	11.524	7891319	50.138 ug/ml
10) T n-Eicosane (C20)	12.837	7841460	51.835 ug/ml
11) T n-Heneicosane (C21)	13.448	7473032	50.819 ug/ml
13) T n-Docosane (C22)	14.037	7371344	50.429 ug/ml
14) T n-Tetracosane (C24)	15.141	16405313	113.114 ug/ml
15) T n-Hexacosane (C26)	16.168	6950343	48.479 ug/ml
16) T n-Octacosane (C28)	17.117	8391059	58.507 ug/ml
17) T n-Tricontane (C30)	18.013	6817318	45.866 ug/ml
18) T n-Dotriacontane (C32)	18.847	7541459	50.424 ug/ml
19) T n-Tetratriacontane (C34)	19.634	6845427	47.784 ug/ml
20) T n-Hexatriacontane (C36)	20.377	6629741	45.471 ug/ml
21) T n-Octatriacontane (C38)	21.113	7214211	48.924 ug/ml
22) T n-Tetracontane (C40)	22.016	7456738	47.639 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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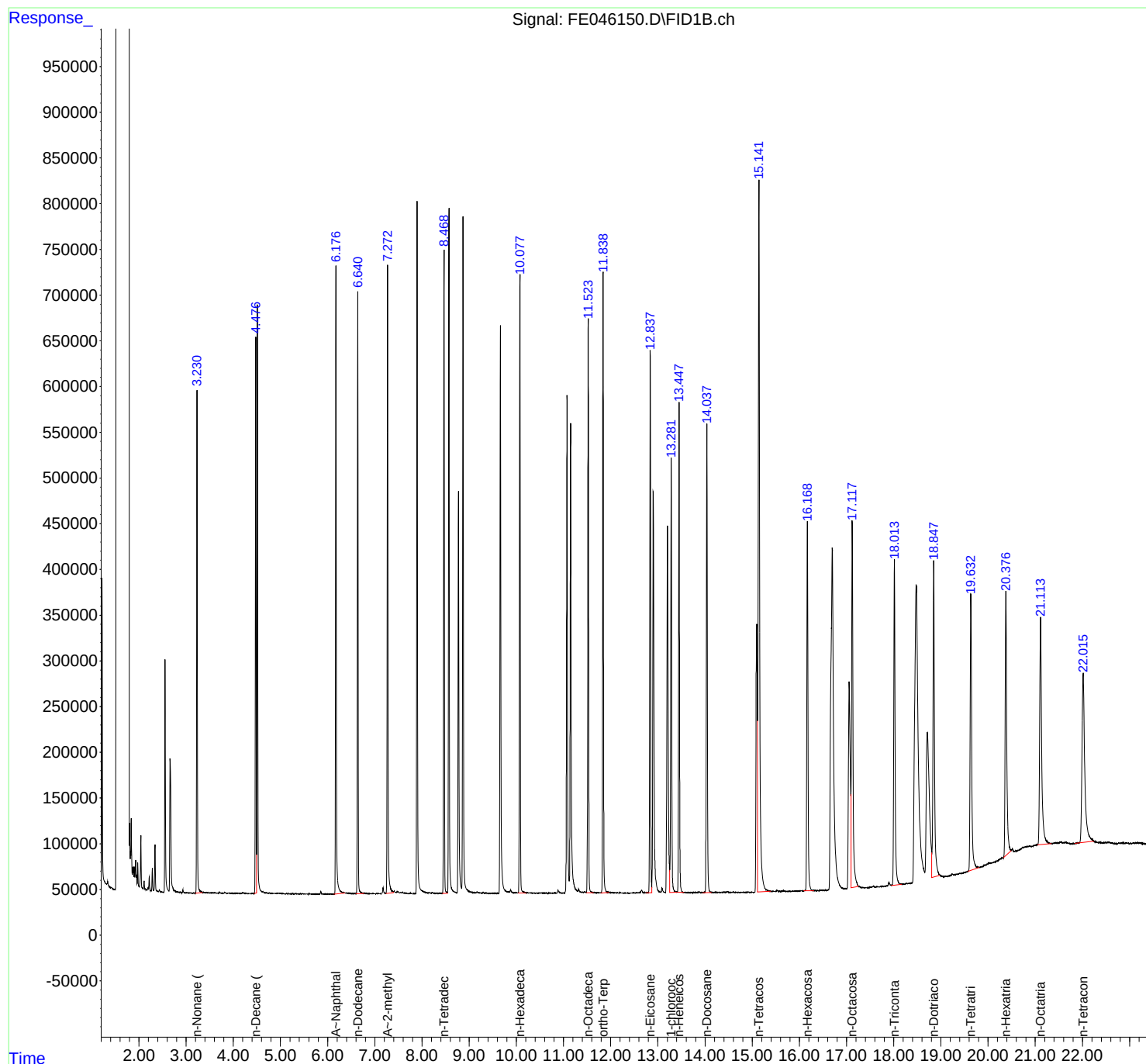
Response via : Initial Calibration

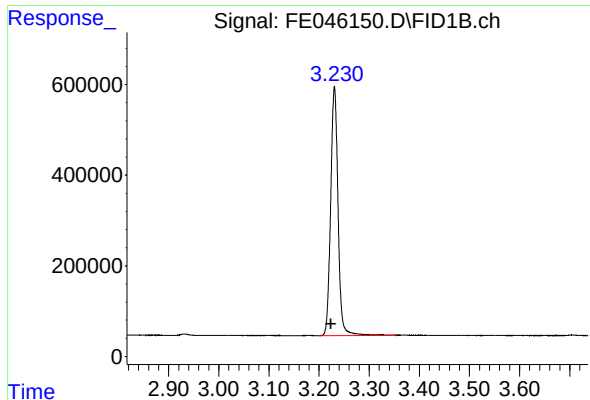
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.007 min
Response: 5615050
Conc: 36.69 ug/ml

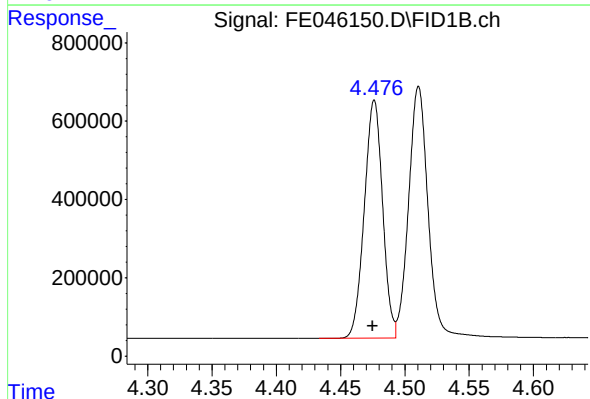
Instrument :

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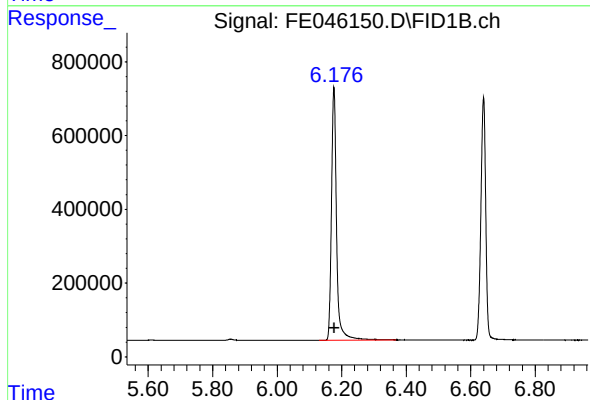
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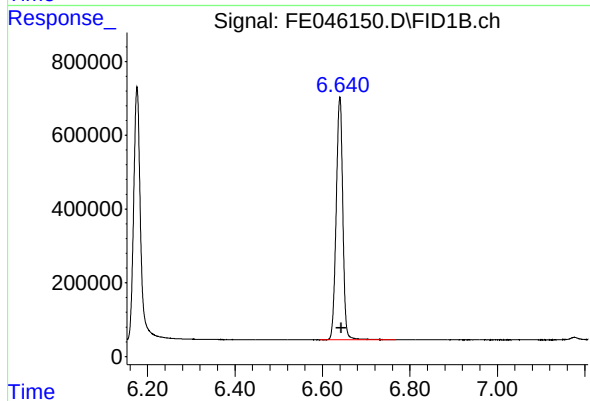
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.002 min
Response: 6014888
Conc: 38.76 ug/ml



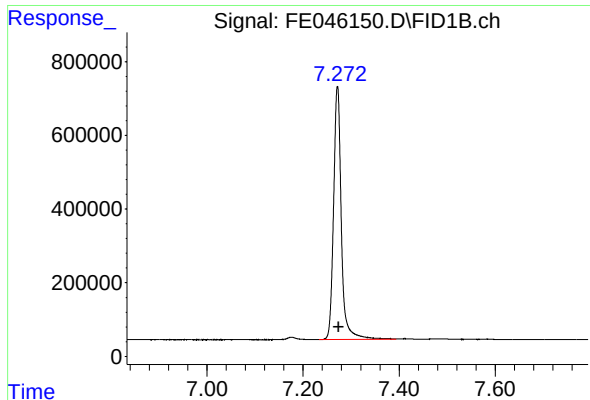
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 7545694
Conc: 45.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 6914480
Conc: 44.28 ug/ml



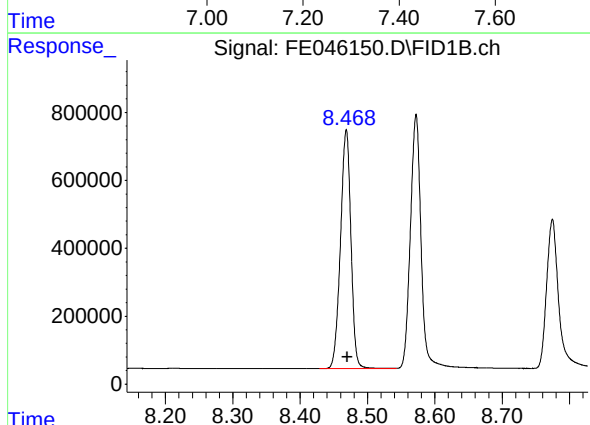
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 7733662
Conc: 48.57 ug/ml

Instrument :
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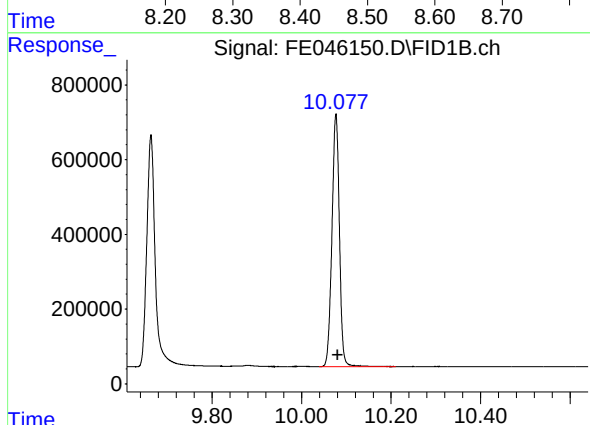
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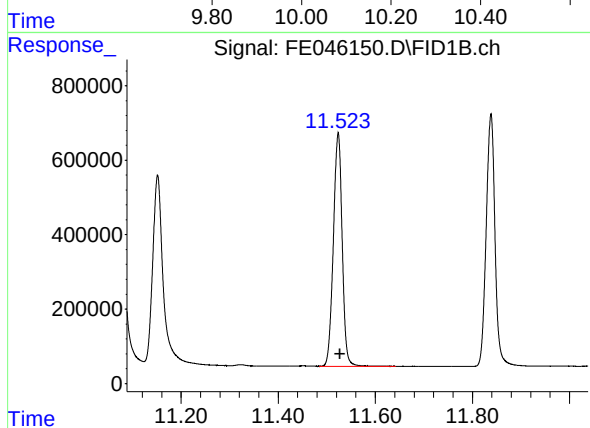
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.001 min
Response: 7585480
Conc: 48.70 ug/ml



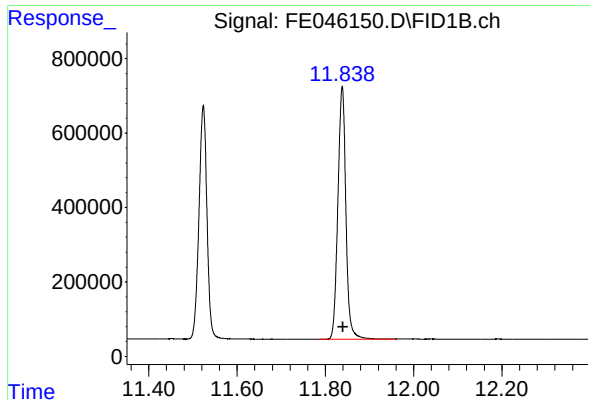
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.003 min
Response: 7815360
Conc: 49.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 7891319
Conc: 50.14 ug/ml



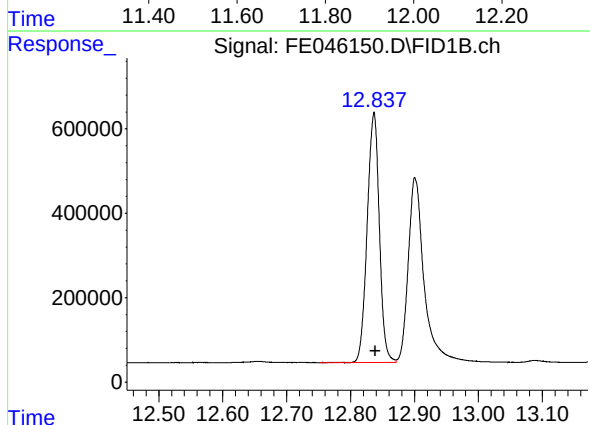
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 8548683
Conc: 47.04 ug/ml

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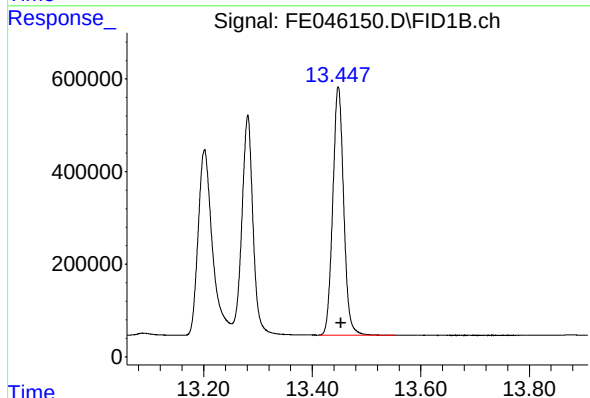
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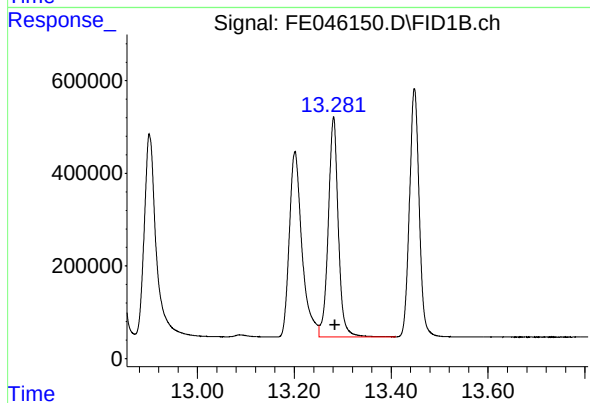
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.002 min
Response: 7841460
Conc: 51.83 ug/ml



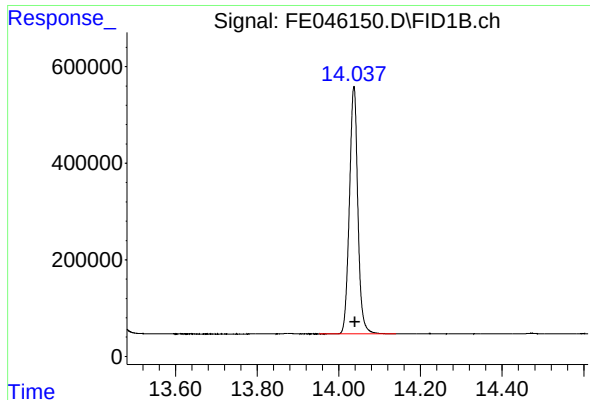
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.005 min
Response: 7473032
Conc: 50.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.003 min
Response: 6814391
Conc: 51.00 ug/ml



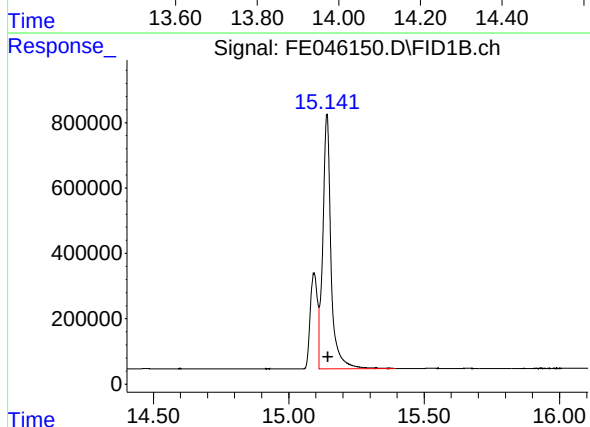
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.003 min
Response: 7371344
Conc: 50.43 ug/ml

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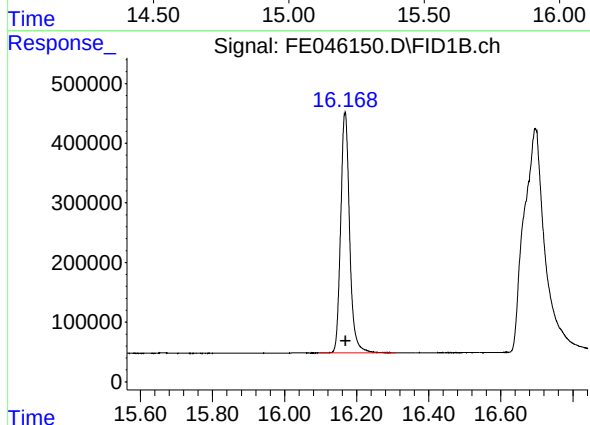
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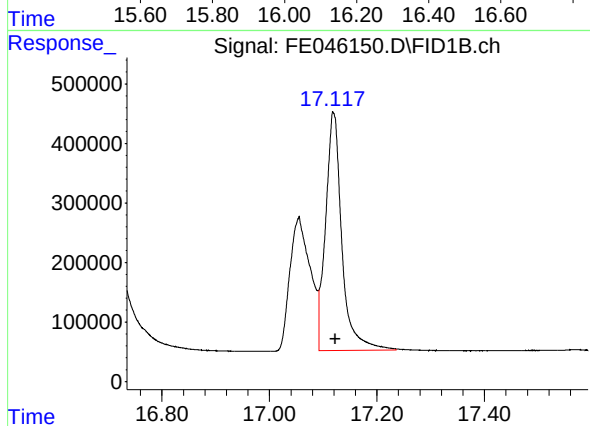
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.004 min
Response: 16405313
Conc: 113.11 ug/ml



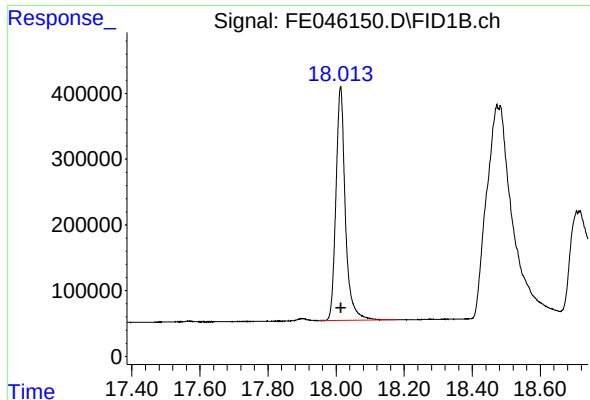
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 6950343
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.005 min
Response: 8391059
Conc: 58.51 ug/ml m



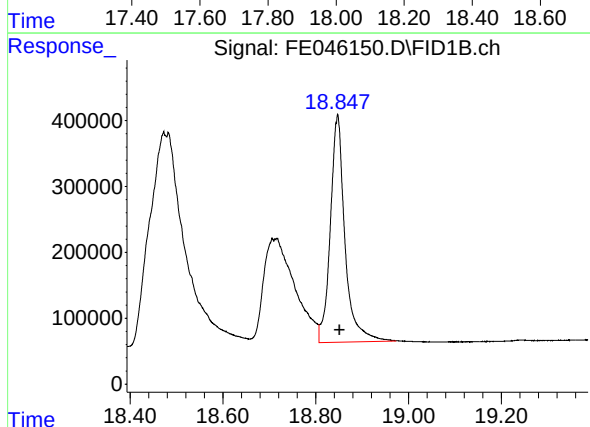
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: 0.000 min
Response: 6817318
Conc: 45.87 ug/ml

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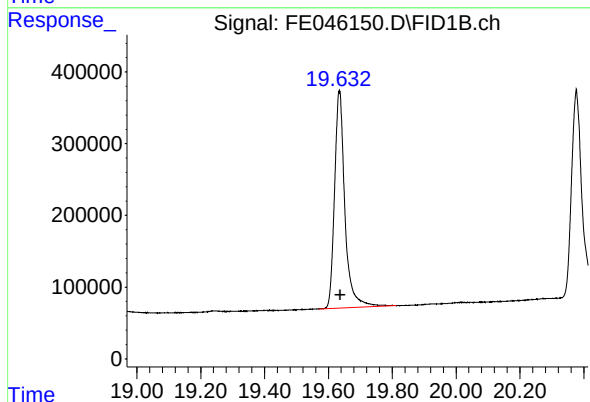
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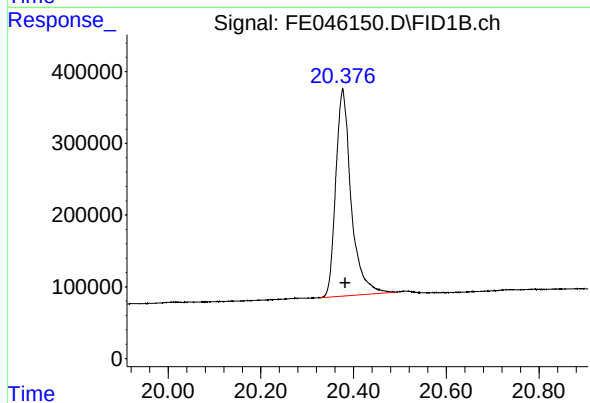
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.004 min
Response: 7541459
Conc: 50.42 ug/ml



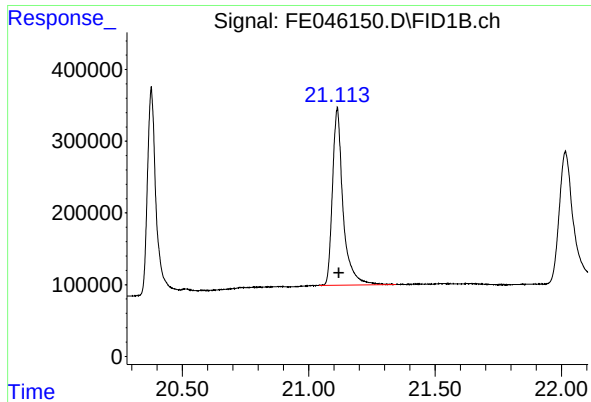
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.003 min
Response: 6845427
Conc: 47.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.005 min
Response: 6629741
Conc: 45.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.007 min
Response: 7214211
Conc: 48.92 ug/ml

Instrument :

FID_E

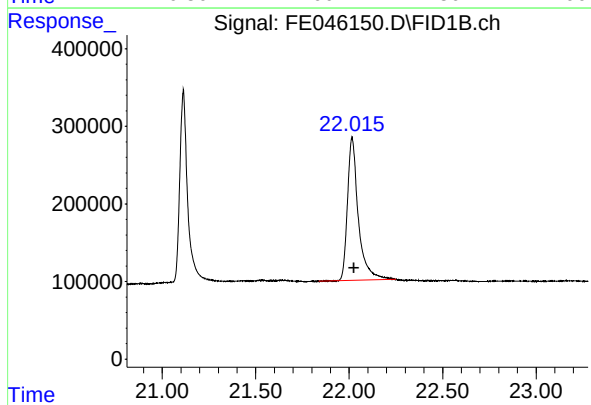
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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.010 min
Response: 7456738
Conc: 47.64 ug/ml