

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051723AL\
 Data File : FE041966.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2023 21:46
 Operator : YP\AJ
 Sample : 02813-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File: autoint1.e

Quant Time: May 18 01:22:14 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)	11.975	6015880	32.066 ug/ml
Spiked Amount 50.000		Recovery =	64.13%
12) S 1-chlorooctadecane (S...	13.410	4871073	34.481 ug/ml
Spiked Amount 50.000		Recovery =	68.96%
Target Compounds			
1) T n-Nonane (C9)	3.352	4396285	29.908 ug/ml
2) T n-Decane (C10)	4.605	4873672	32.496 ug/ml
3) T A~Naphthalene (C11.7)	6.311	5559779	33.596 ug/ml
4) T n-Dodecane (C12)	6.772	5320436	34.993 ug/ml
5) T A~2-methylnaphthalene...	7.408	5585476	34.639 ug/ml
6) T n-Tetradecane (C14)	8.603	5705424	37.559 ug/ml
7) T n-Hexadecane (C16)	10.211	6359911	39.853 ug/ml
8) T n-Octadecane (C18)	11.656	6691975	40.827 ug/ml
10) T n-Eicosane (C20)	12.966	6668131	41.457 ug/ml
11) T n-Heneicosane (C21)	13.578	6337754	39.767 ug/ml
13) T n-Docosane (C22)	14.164	6299661	39.538 ug/ml
14) T n-Tetracosane (C24)	15.260	11803285	73.212 ug/ml
15) T n-Hexacosane (C26)	16.291	5902080	37.332 ug/ml
16) T n-Octacosane (C28)	17.239	5834138	37.915 ug/ml
17) T n-Tricontane (C30)	18.129	5813275	38.169 ug/ml
18) T n-Dotriacontane (C32)	18.960	5769823	38.729 ug/ml
19) T n-Tetratriacontane (C34)	19.744	5586508	39.655 ug/ml
20) T n-Hexatriacontane (C36)	20.484	5341772	39.945 ug/mlm
21) T n-Octatriacontane (C38)	21.238	5580208	42.231 ug/ml
22) T n-Tetracontane (C40)	22.181	5704142	45.052 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: May 18 01:22:14 2023

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

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 2023

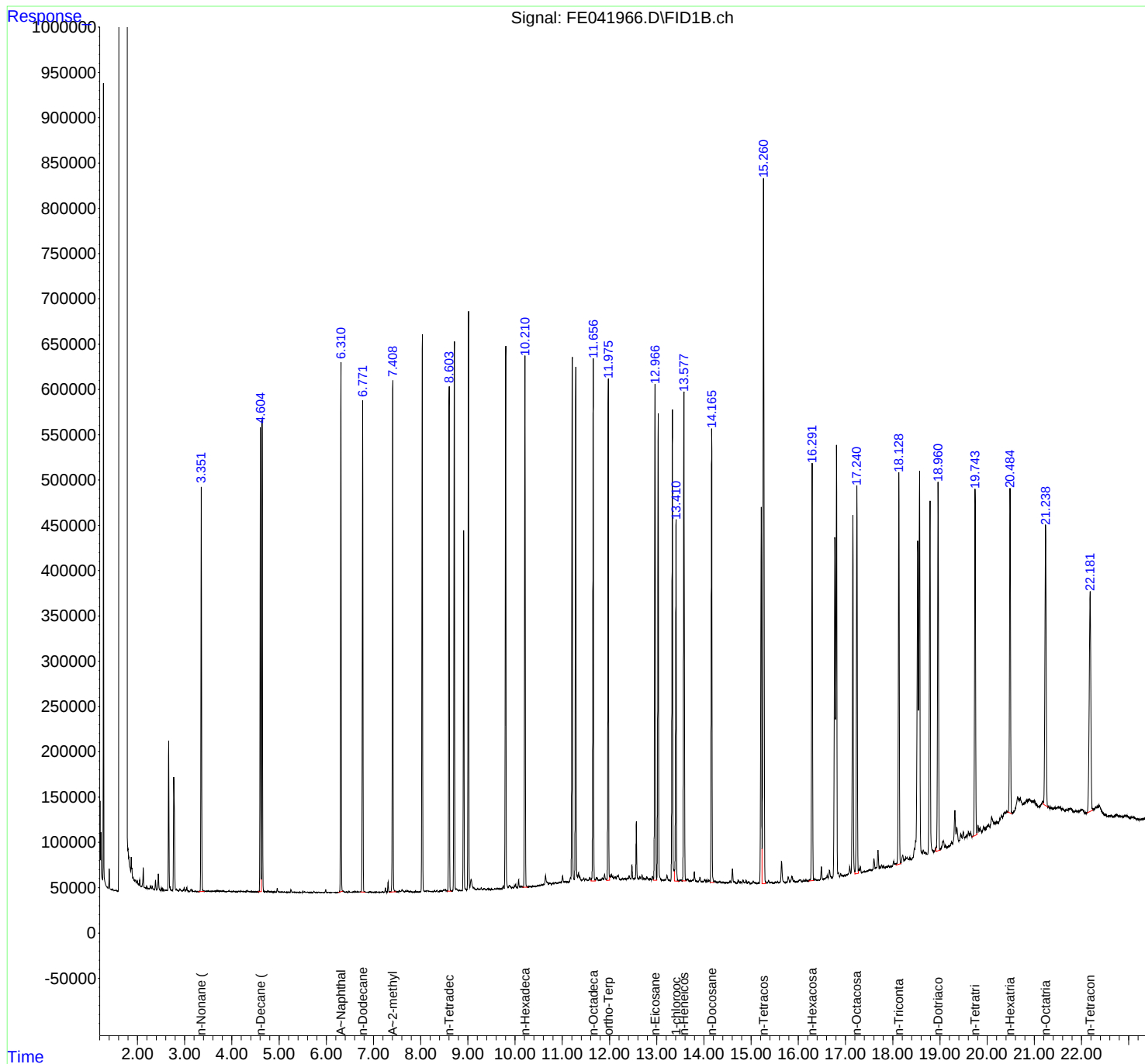
Response via : Initial Calibration

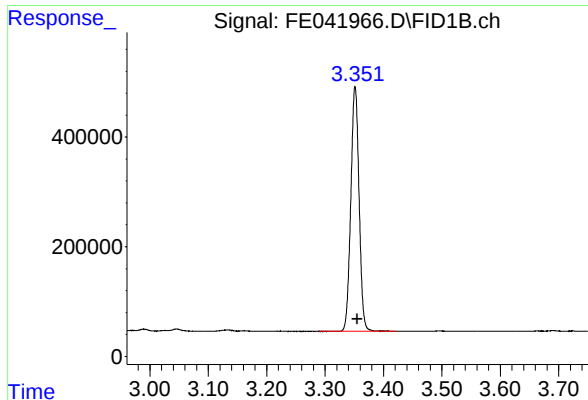
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





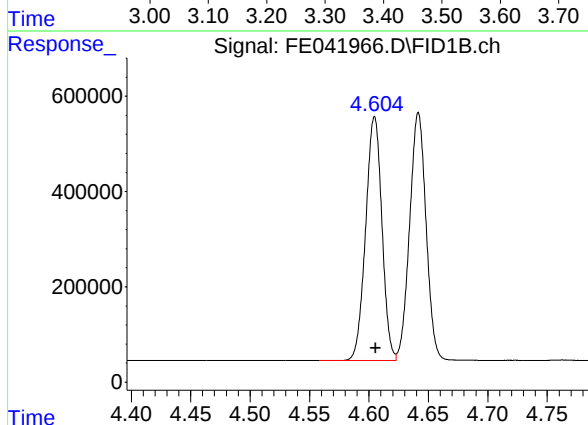
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 4396285
Conc: 29.91 ug/ml

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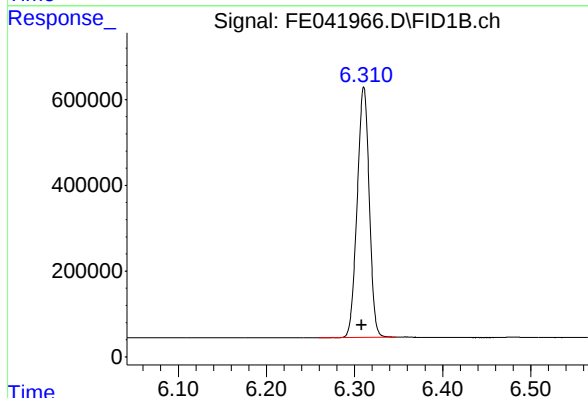
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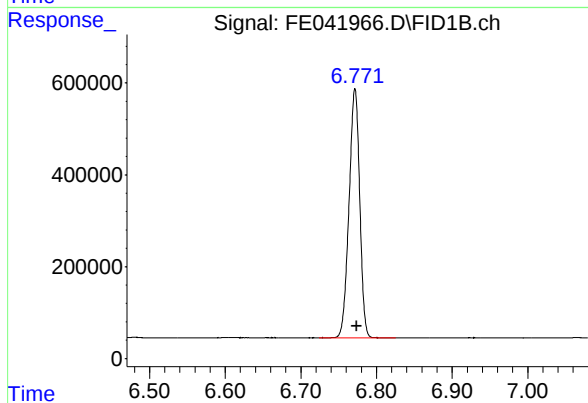
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 4873672
Conc: 32.50 ug/ml



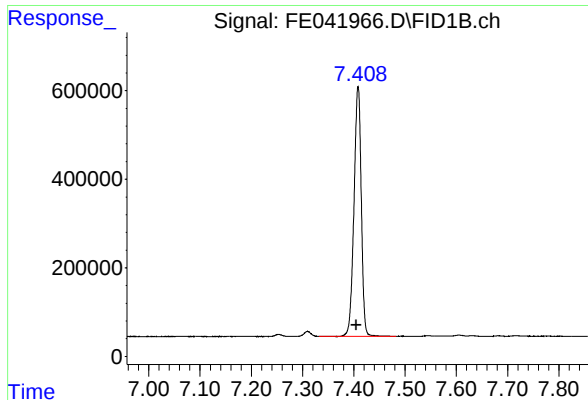
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 5559779
Conc: 33.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 5320436
Conc: 34.99 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 5585476
Conc: 34.64 ug/ml

Instrument :

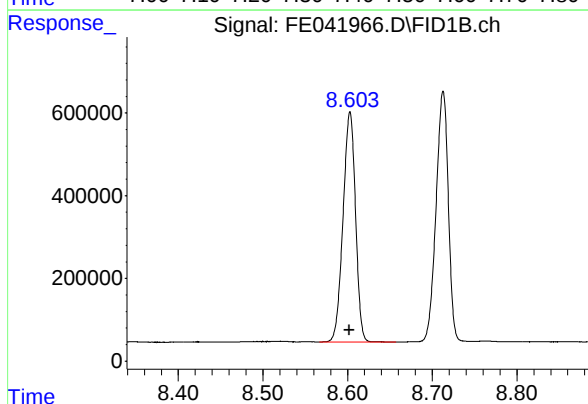
FID_E

ClientSampleId :

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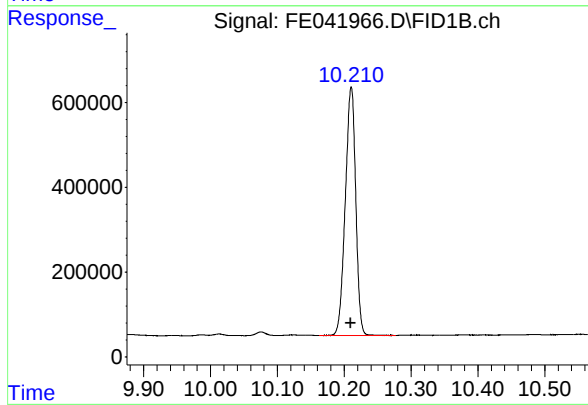
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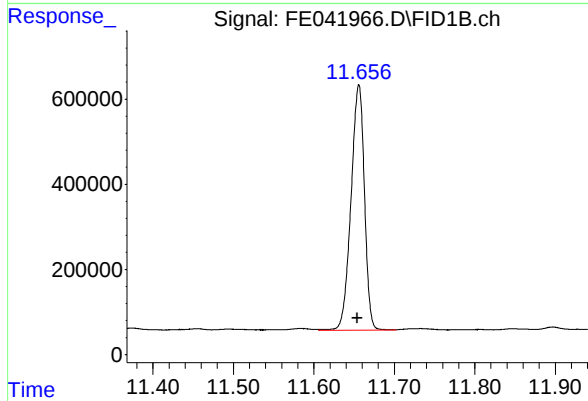
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 5705424
Conc: 37.56 ug/ml



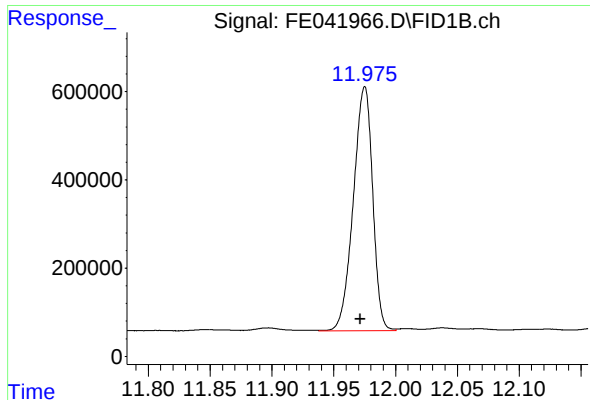
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.000 min
Response: 6359911
Conc: 39.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.002 min
Response: 6691975
Conc: 40.83 ug/ml



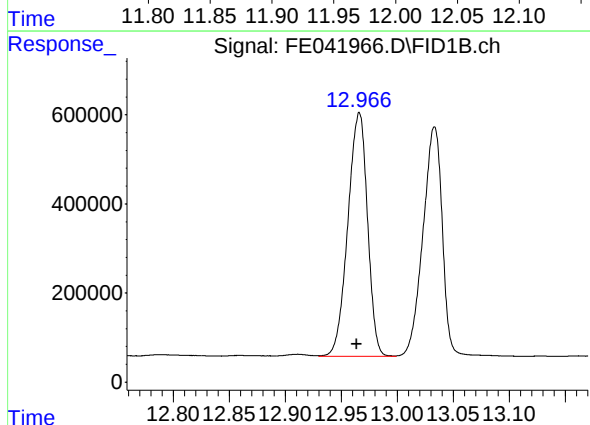
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.003 min
Response: 6015880
Conc: 32.07 ug/ml

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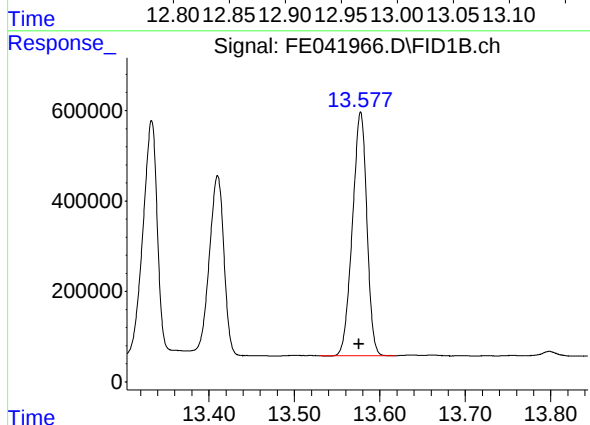
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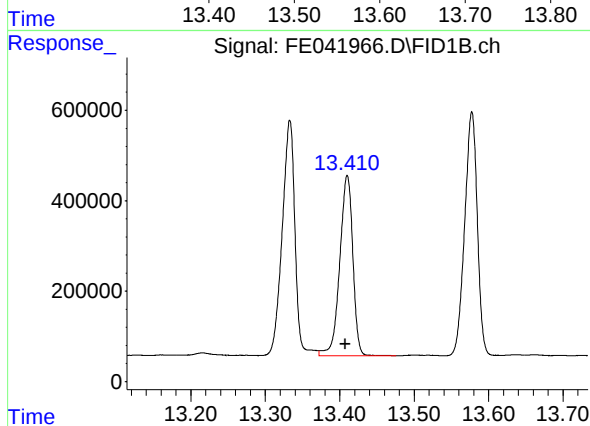
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.003 min
Response: 6668131
Conc: 41.46 ug/ml



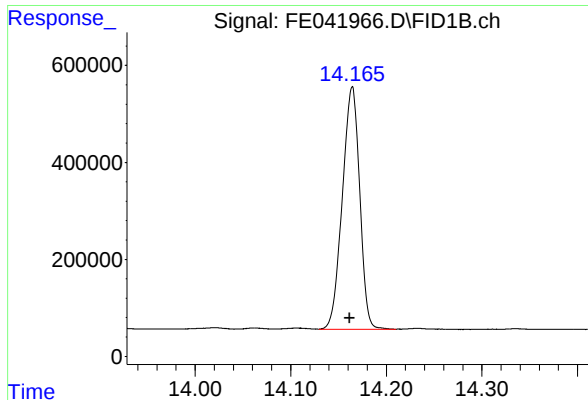
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 6337754
Conc: 39.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 4871073
Conc: 34.48 ug/ml



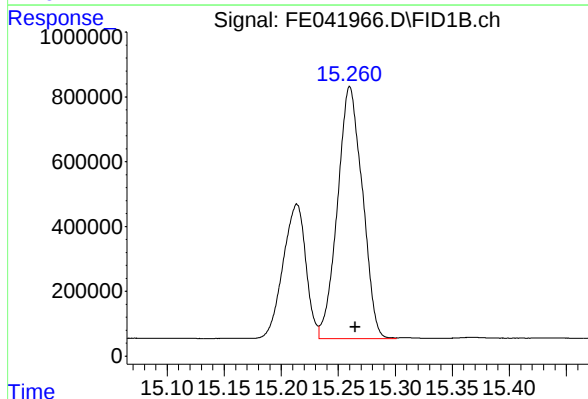
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.002 min
Response: 6299661
Conc: 39.54 ug/ml

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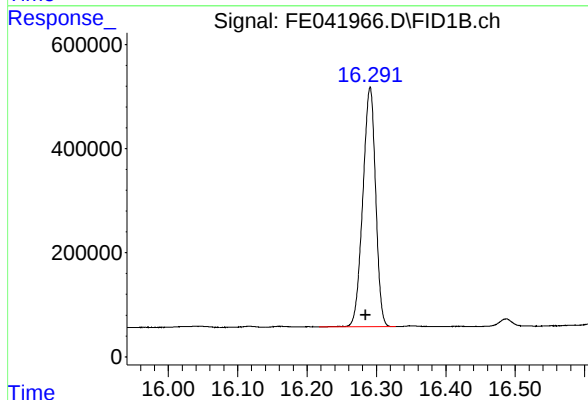
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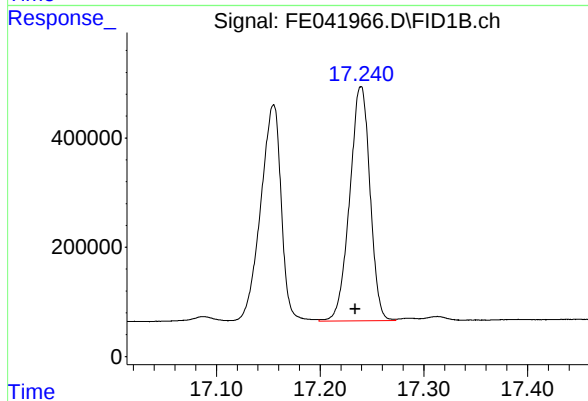
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.005 min
Response: 11803285
Conc: 73.21 ug/ml



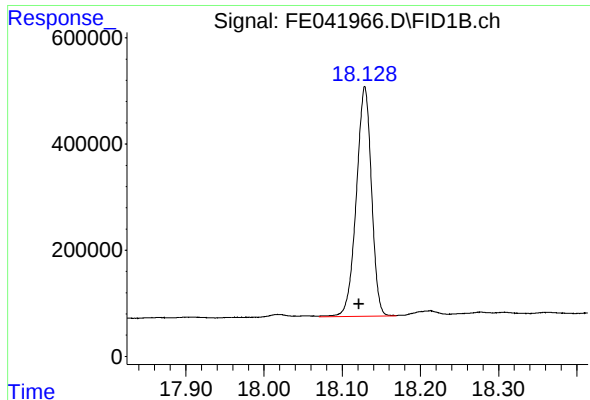
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.006 min
Response: 5902080
Conc: 37.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.005 min
Response: 5834138
Conc: 37.92 ug/ml



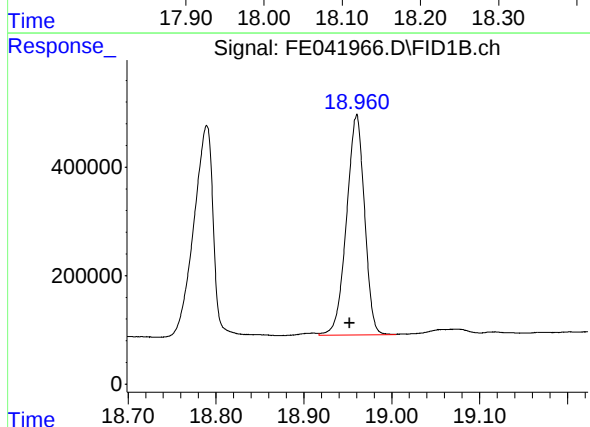
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.007 min
Response: 5813275
Conc: 38.17 ug/ml

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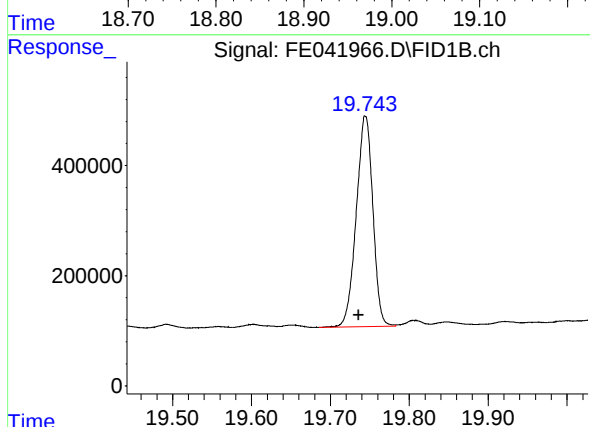
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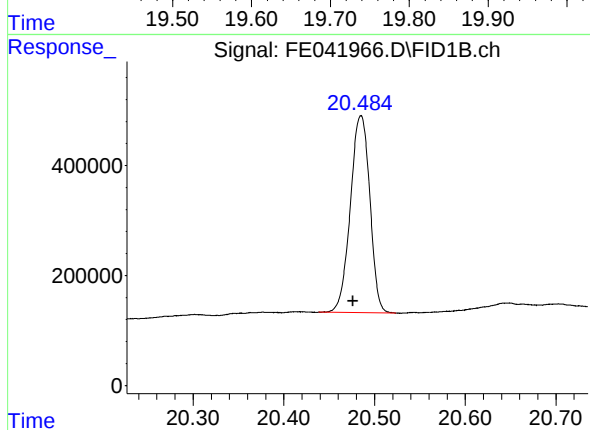
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.008 min
Response: 5769823
Conc: 38.73 ug/ml



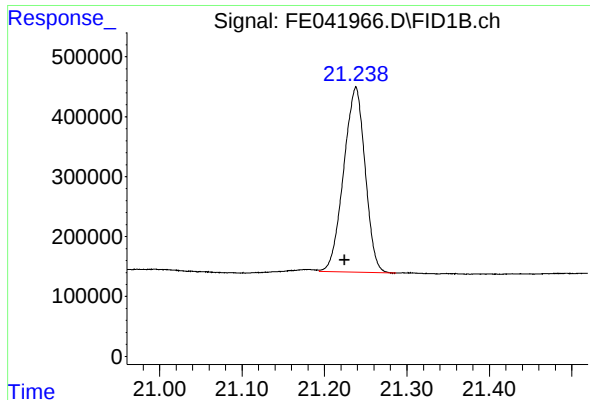
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 5586508
Conc: 39.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.008 min
Response: 5341772
Conc: 39.94 ug/ml m



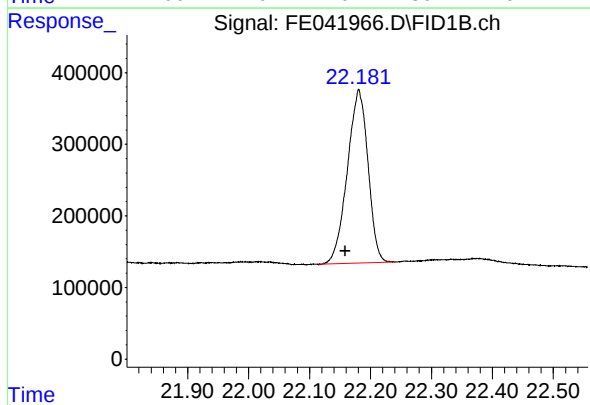
#21 n-Octatriacontane (C38)

R.T.: 21.238 min
Delta R.T.: 0.013 min
Response: 5580208
Conc: 42.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.181 min
Delta R.T.: 0.022 min
Response: 5704142
Conc: 45.05 ug/ml m