

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082324AL\
 Data File : FE049728.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2024 15:03
 Operator : YP\AJ
 Sample : PB162938BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162938BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/26/2024

Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e

Quant Time: Aug 24 01:17:19 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.885	6651113	41.130 ug/ml
Spiked Amount 50.000		Recovery =	82.26%
12) S 1-chlorooctadecane (S...	13.320	5181535	42.469 ug/ml
Spiked Amount 50.000		Recovery =	84.94%
Target Compounds			
1) T n-Nonane (C9)	3.282	6151348	39.749 ug/ml
2) T n-Decane (C10)	4.529	6483310	41.062 ug/ml
3) T A~Naphthalene (C11.7)	6.233	6702459	41.772 ug/ml
4) T n-Dodecane (C12)	6.693	6686665	42.534 ug/ml
5) T A~2-methylnaphthalene...	7.328	6429596	42.934 ug/ml
6) T n-Tetradecane (C14)	8.521	6695061	43.367 ug/ml
7) T n-Hexadecane (C16)	10.125	6584923	42.162 ug/ml
8) T n-Octadecane (C18)	11.567	6659856	42.405 ug/ml
10) T n-Eicosane (C20)	12.876	6645977	44.512 ug/ml
11) T n-Heneicosane (C21)	13.486	6462810	44.056 ug/ml
13) T n-Docosane (C22)	14.072	6367776	43.689 ug/ml
14) T n-Tetracosane (C24)	15.169	11933927	82.039 ug/ml
15) T n-Hexacosane (C26)	16.194	6236162	43.209 ug/ml
16) T n-Octacosane (C28)	17.142	6840670	47.492 ug/ml
17) T n-Tricontane (C30)	18.028	6372041	42.564 ug/ml
18) T n-Dotriacontane (C32)	18.859	6191819	40.929 ug/ml
19) T n-Tetratriacontane (C34)	19.642	6569007	42.968 ug/ml
20) T n-Hexatriacontane (C36)	20.380	6650206	43.794 ug/ml
21) T n-Octatriacontane (C38)	21.110	6807440	43.372 ug/ml
22) T n-Tetracontane (C40)	22.005	6724637	44.044 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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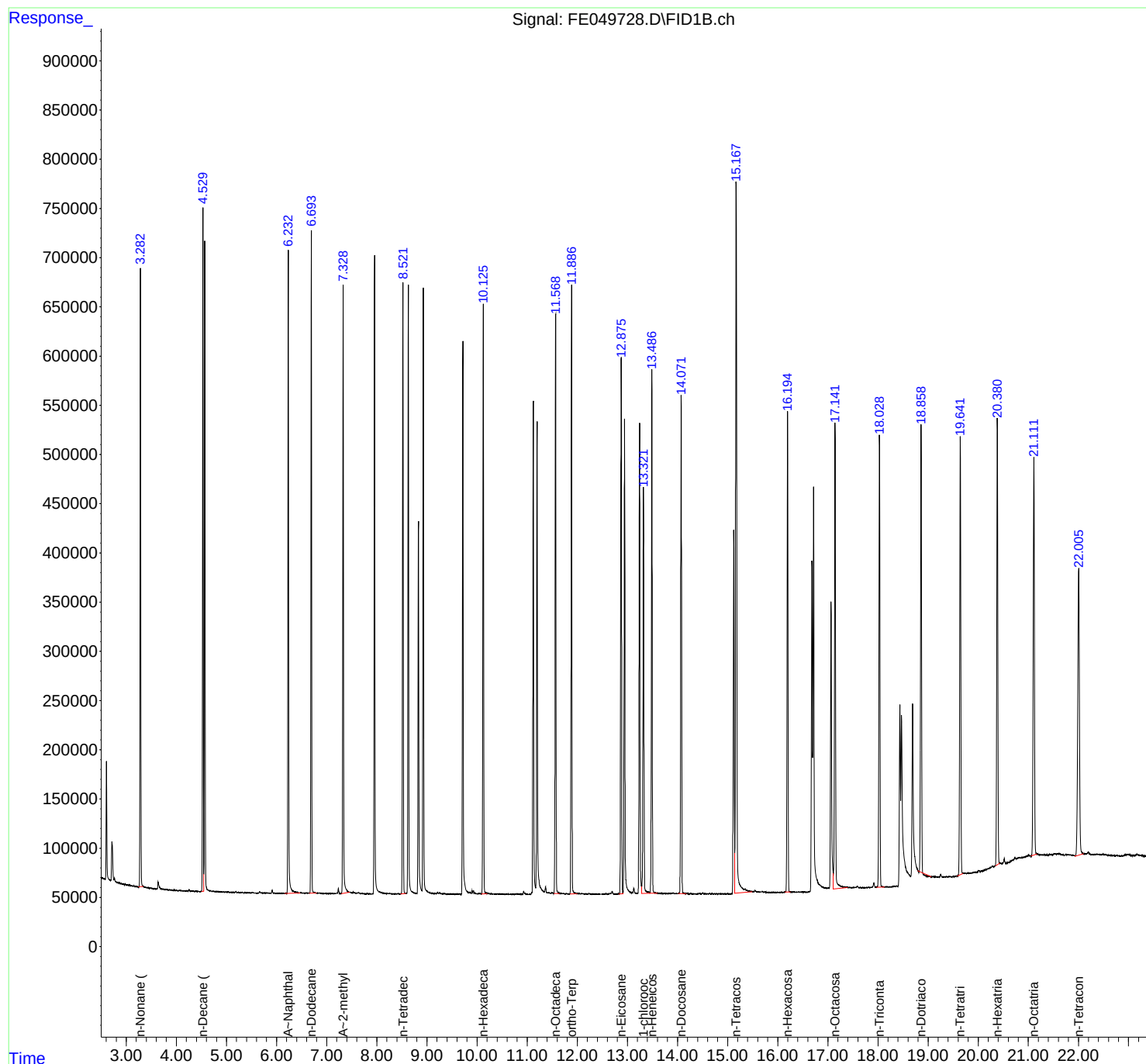
Response via : Initial Calibration

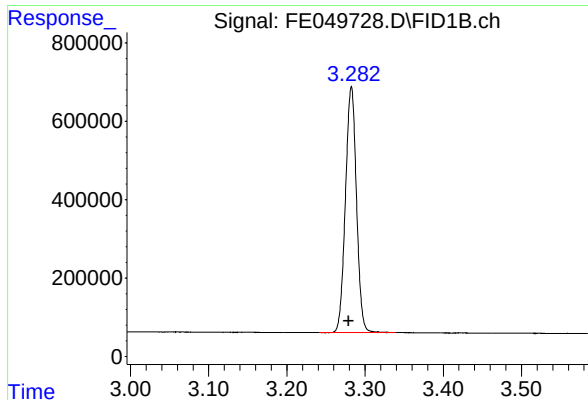
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





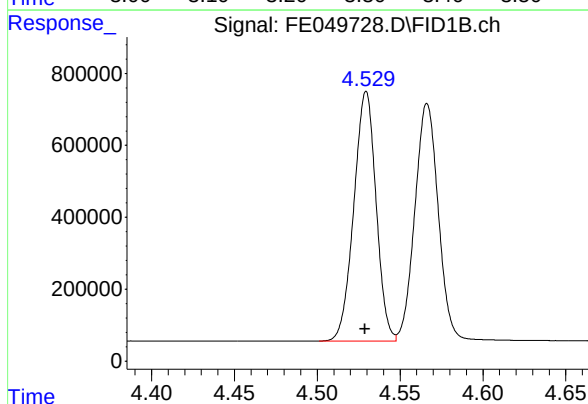
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.003 min
Response: 6151348
Conc: 39.75 ug/ml

Instrument :
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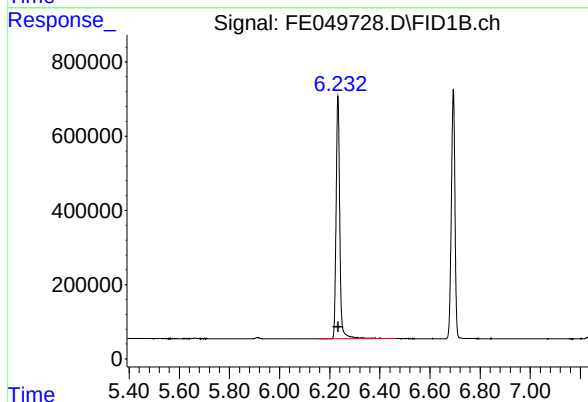
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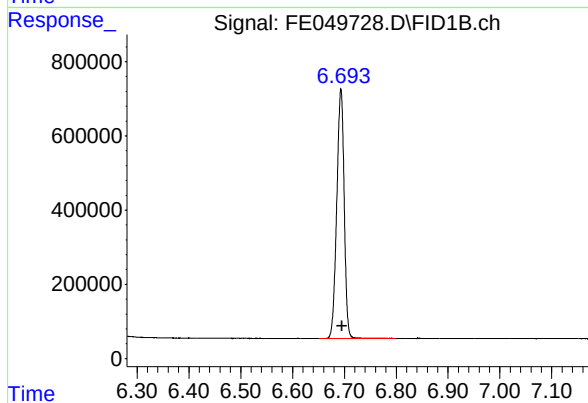
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 6483310
Conc: 41.06 ug/ml



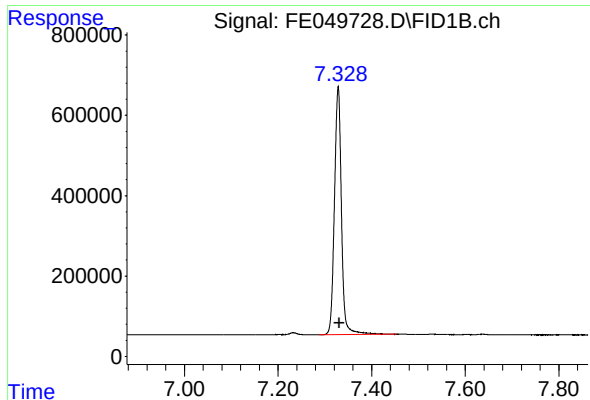
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 6702459
Conc: 41.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 6686665
Conc: 42.53 ug/ml



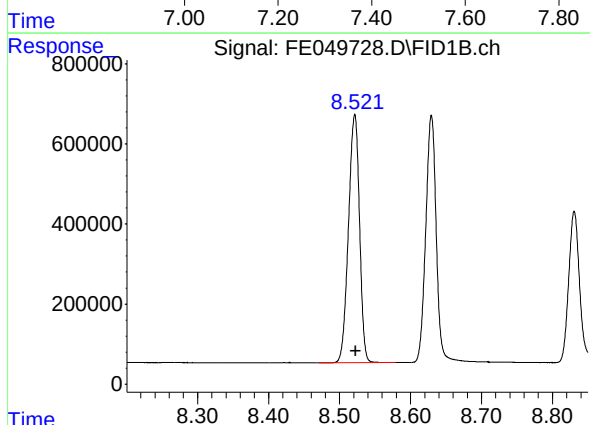
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 6429596
Conc: 42.93 ug/ml

Instrument :
FID_E
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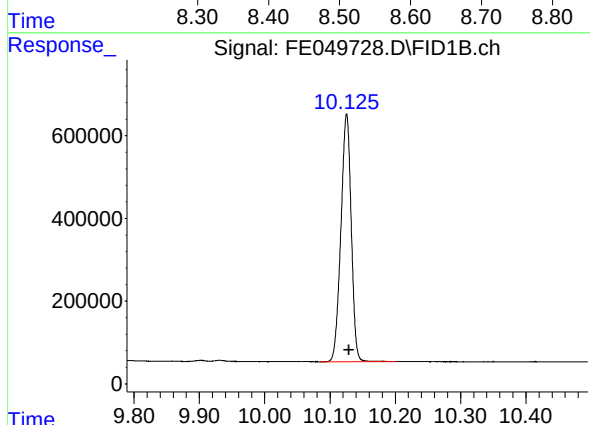
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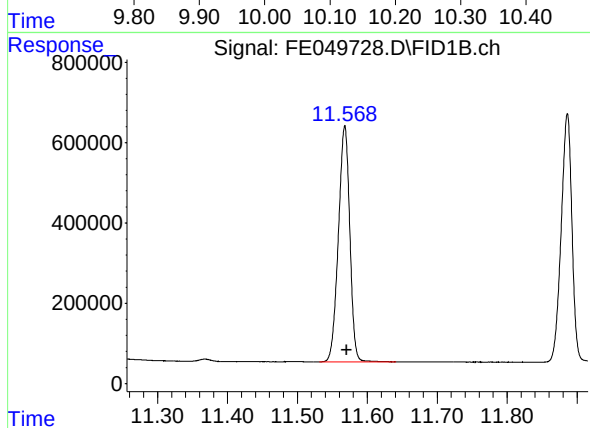
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.001 min
Response: 6695061
Conc: 43.37 ug/ml



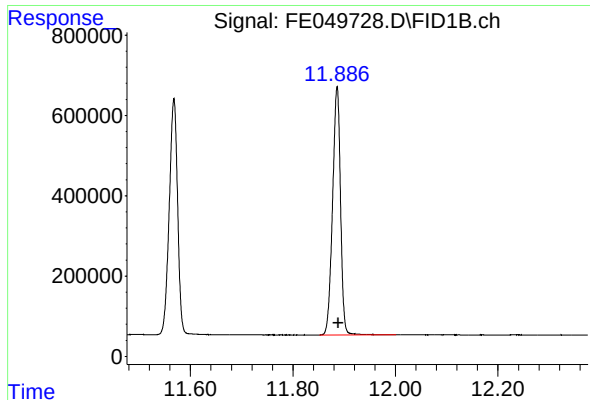
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 6584923
Conc: 42.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.003 min
Response: 6659856
Conc: 42.41 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.003 min
Response: 6651113
Conc: 41.13 ug/ml

Instrument :

FID_E

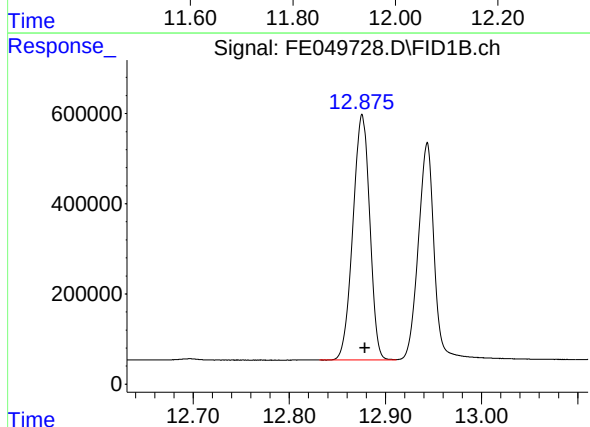
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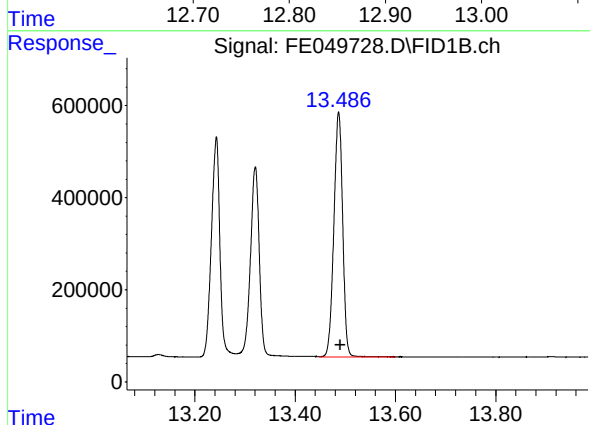
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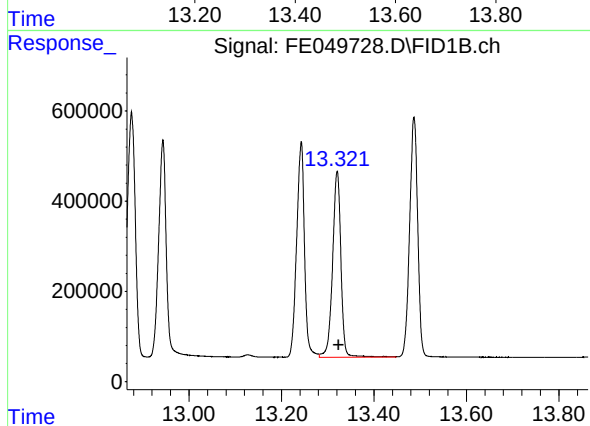
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 6645977
Conc: 44.51 ug/ml



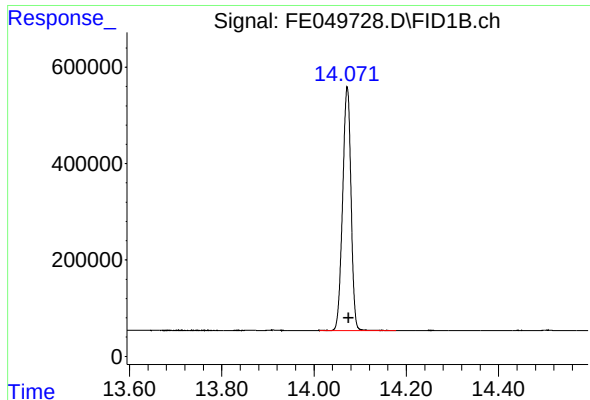
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 6462810
Conc: 44.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.003 min
Response: 5181535
Conc: 42.47 ug/ml



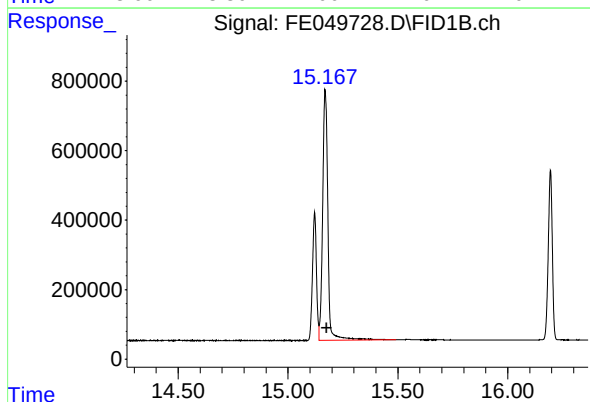
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.004 min
Response: 6367776
Conc: 43.69 ug/ml

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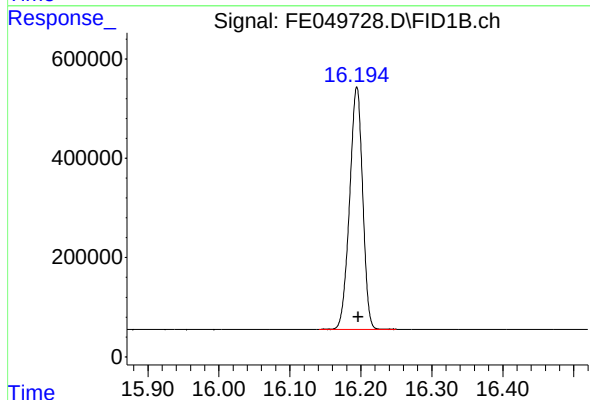
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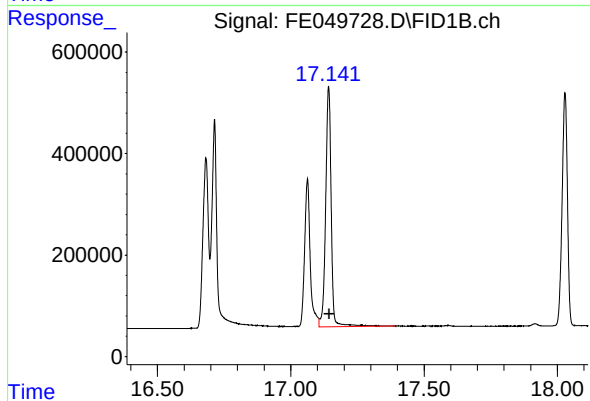
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.008 min
Response: 11933927
Conc: 82.04 ug/ml



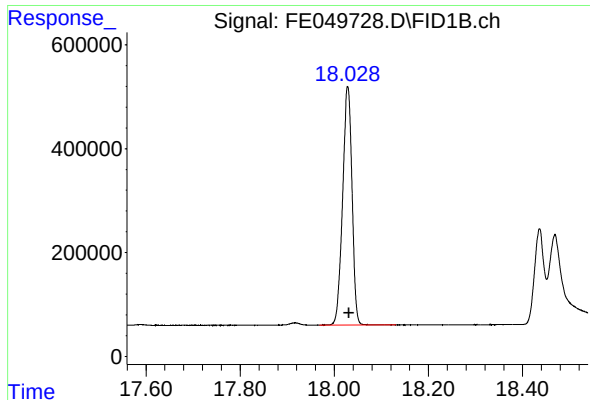
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 6236162
Conc: 43.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 6840670
Conc: 47.49 ug/ml



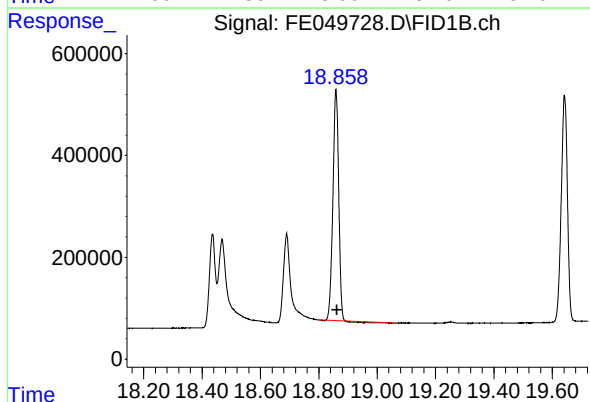
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 6372041
Conc: 42.56 ug/ml

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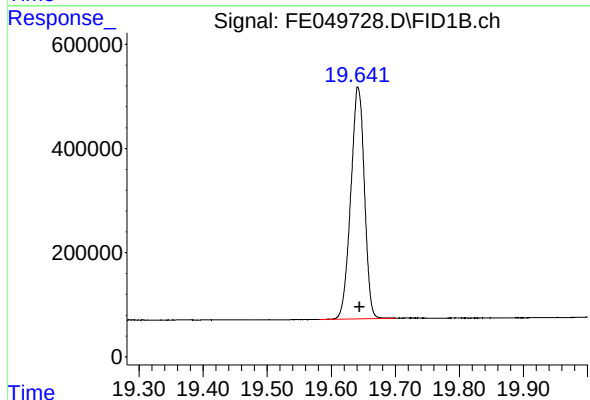
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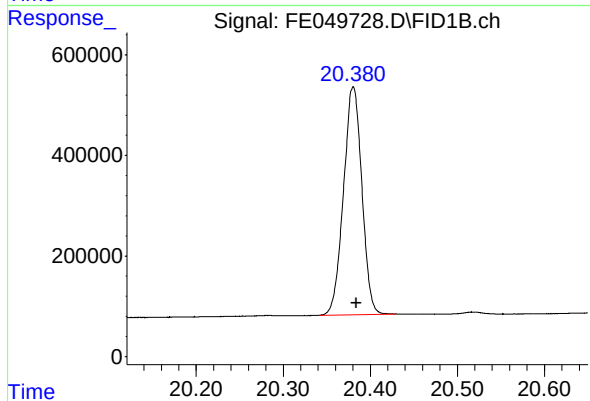
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.004 min
Response: 6191819
Conc: 40.93 ug/ml



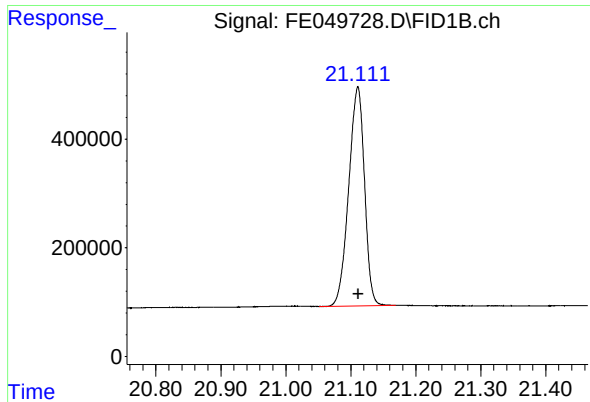
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 6569007
Conc: 42.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 6650206
Conc: 43.79 ug/ml



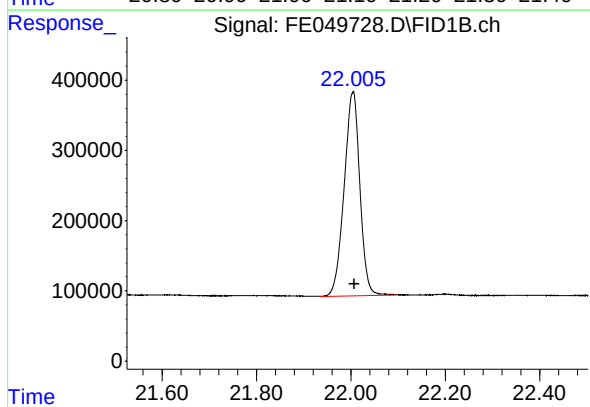
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 6807440
Conc: 43.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 6724637
Conc: 44.04 ug/ml m