

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049803.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 04:19
 Operator : YP\AJ
 Sample : P3739-09MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :Ankita Jodhani 08/28/2024

Integration File: autoint1.e

Quant Time: Aug 28 06:00:44 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)	11.886	7846824	48.524 ug/ml
Spiked Amount 50.000		Recovery =	97.05%
12) S 1-chlorooctadecane (S...	13.320	5299362	43.435 ug/ml
Spiked Amount 50.000		Recovery =	86.87%
Target Compounds			
1) T n-Nonane (C9)	3.272	5006434	32.351 ug/ml
2) T n-Decane (C10)	4.524	5915230	37.464 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6457625	40.246 ug/ml
4) T n-Dodecane (C12)	6.691	6814592	43.347 ug/ml
5) T A~2-methylnaphthalene...	7.327	6648160	44.394 ug/ml
6) T n-Tetradecane (C14)	8.520	7254996	46.994 ug/ml
7) T n-Hexadecane (C16)	10.125	7361877	47.137 ug/ml
8) T n-Octadecane (C18)	11.568	7519382	47.878 ug/ml
10) T n-Eicosane (C20)	12.876	7512190	50.314 ug/ml
11) T n-Heneicosane (C21)	13.487	7309368	49.826 ug/ml
13) T n-Docosane (C22)	14.072	7211333	49.477 ug/ml
14) T n-Tetracosane (C24)	15.170	12979386	89.226 ug/ml
15) T n-Hexacosane (C26)	16.195	7048574	48.838 ug/ml
16) T n-Octacosane (C28)	17.143	7690011	53.388 ug/ml
17) T n-Tricontane (C30)	18.030	7286767	48.675 ug/ml
18) T n-Dotriacontane (C32)	18.861	7305077	48.288 ug/ml
19) T n-Tetratriacontane (C34)	19.644	7642534	49.990 ug/ml
20) T n-Hexatriacontane (C36)	20.383	7704837	50.739 ug/ml
21) T n-Octatriacontane (C38)	21.111	7972834	50.798 ug/ml
22) T n-Tetracontane (C40)	22.008	7829528	51.281 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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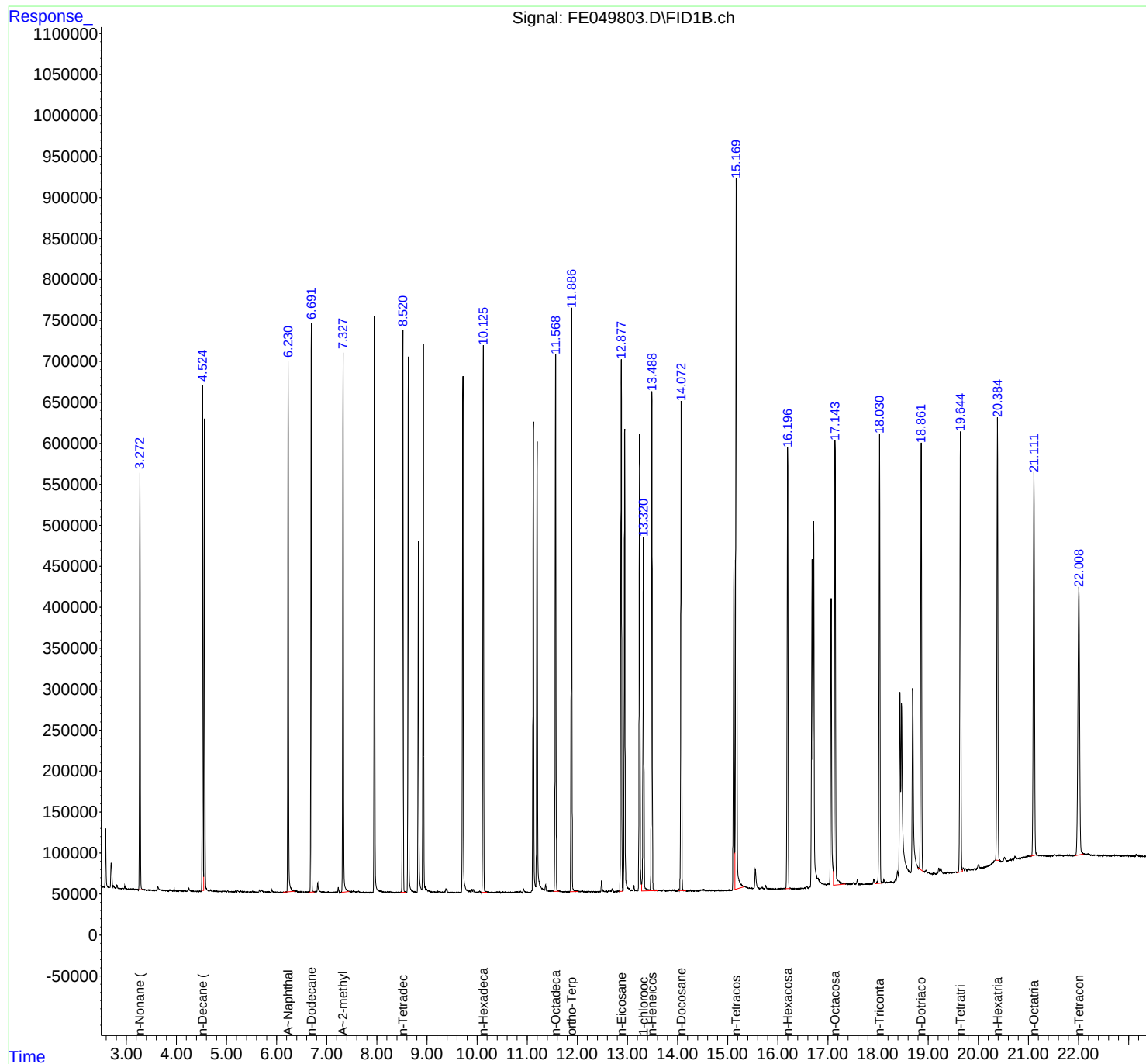
Response via : Initial Calibration

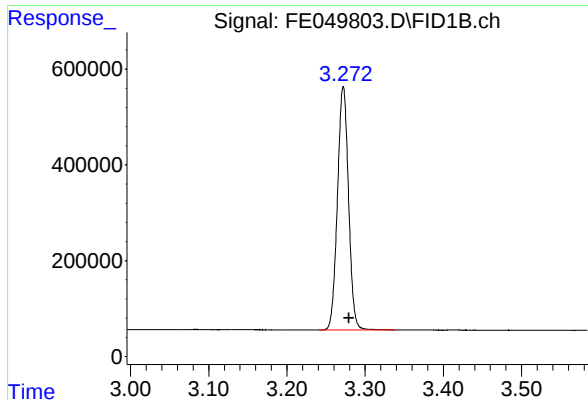
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





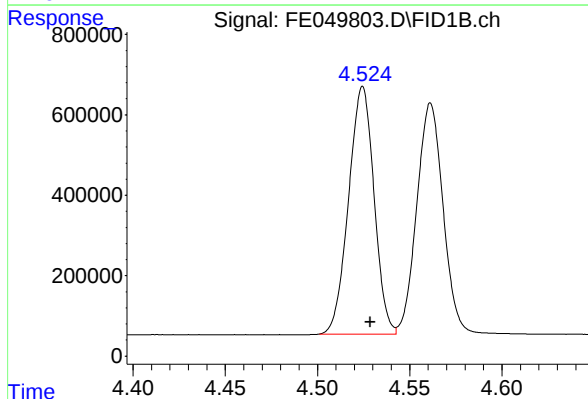
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 5006434
Conc: 32.35 ug/ml

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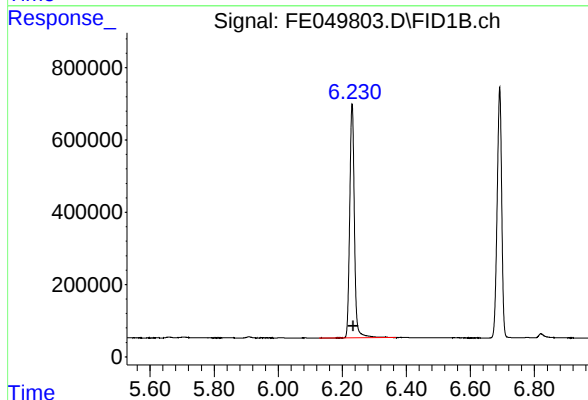
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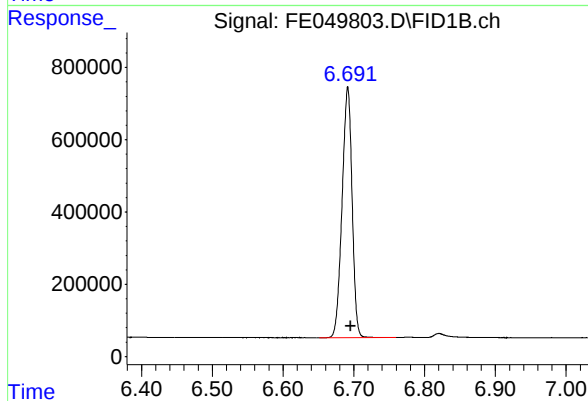
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 5915230
Conc: 37.46 ug/ml



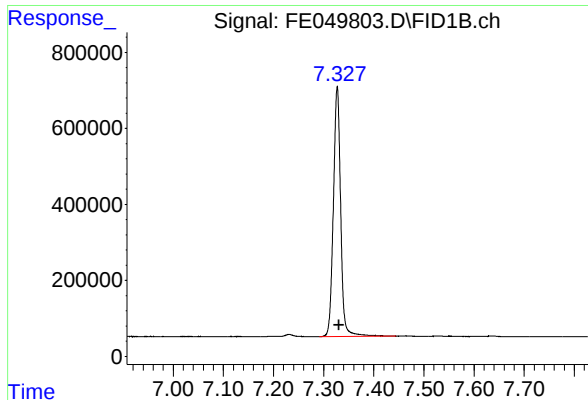
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 6457625
Conc: 40.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.005 min
Response: 6814592
Conc: 43.35 ug/ml



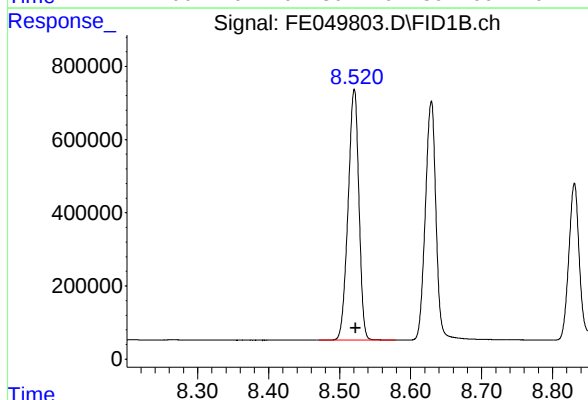
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 6648160
Conc: 44.39 ug/ml

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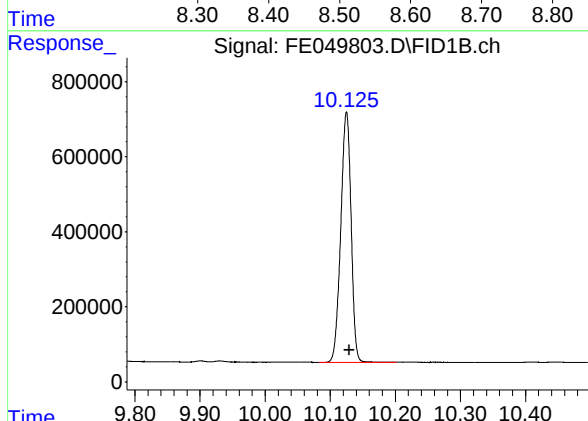
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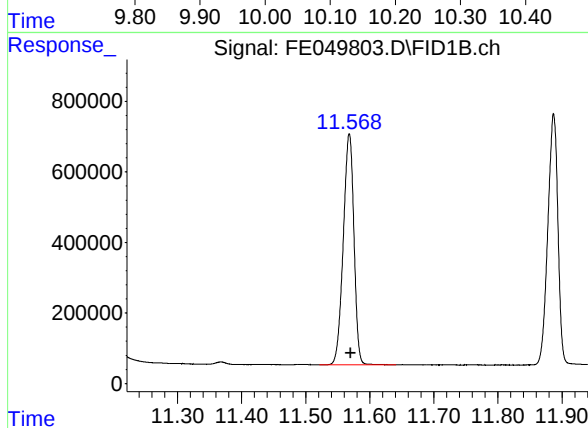
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.002 min
Response: 7254996
Conc: 46.99 ug/ml



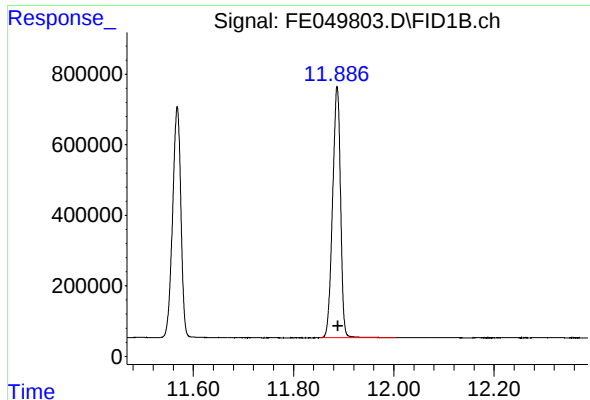
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 7361877
Conc: 47.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 7519382
Conc: 47.88 ug/ml



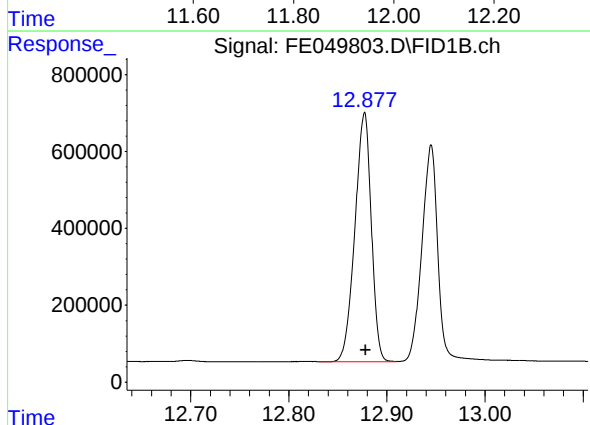
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.002 min
Response: 7846824
Conc: 48.52 ug/ml

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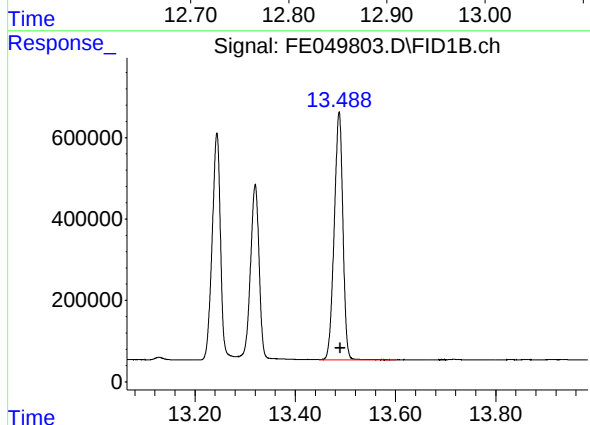
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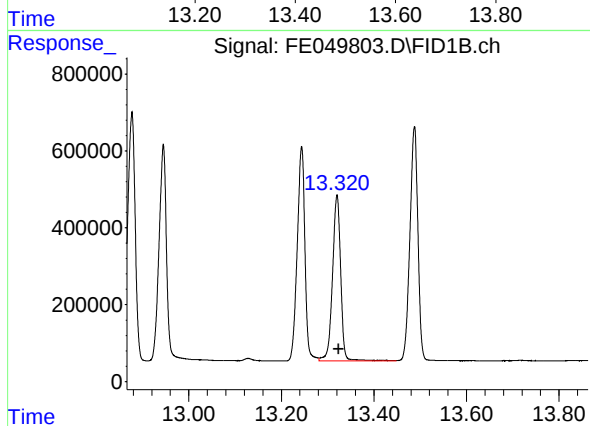
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 7512190
Conc: 50.31 ug/ml



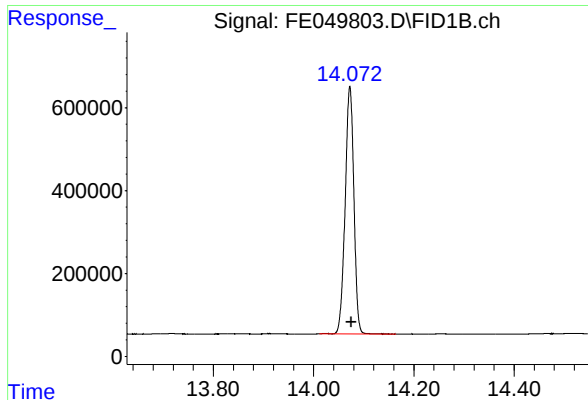
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 7309368
Conc: 49.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.004 min
Response: 5299362
Conc: 43.44 ug/ml



#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 7211333
Conc: 49.48 ug/ml

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FID_E

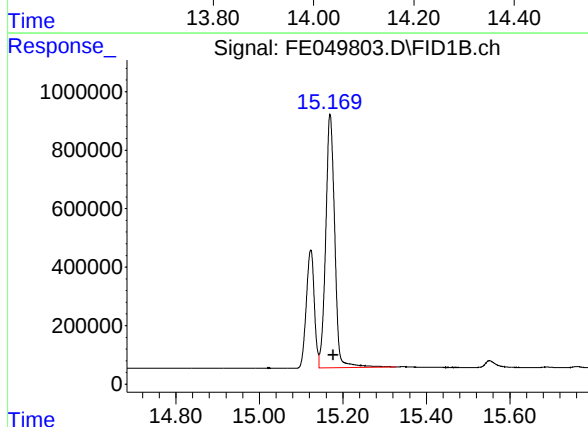
ClientSampleId :

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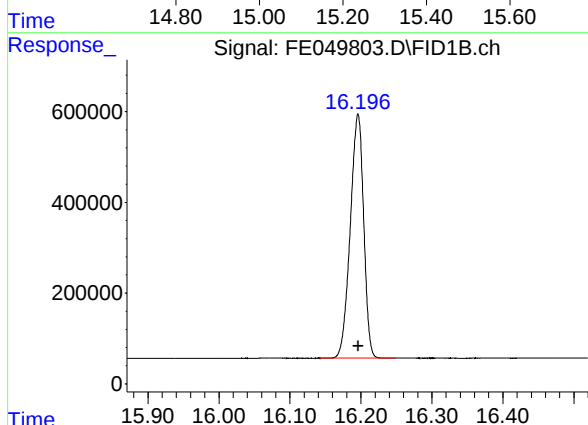
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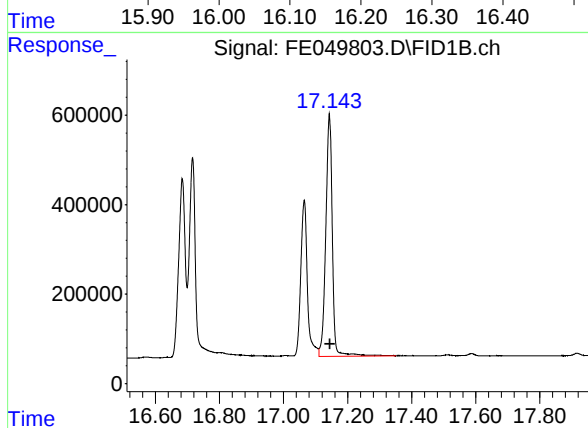
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.007 min
Response: 12979386
Conc: 89.23 ug/ml



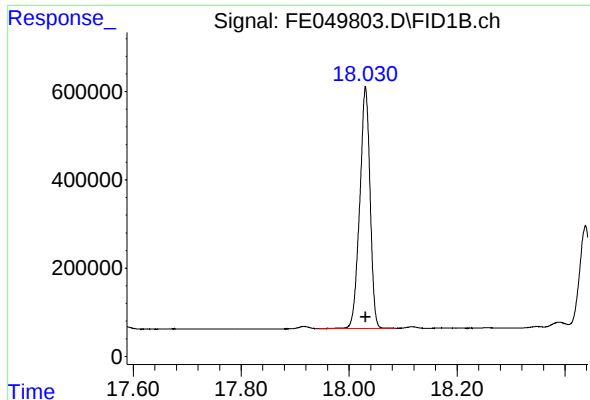
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.001 min
Response: 7048574
Conc: 48.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 7690011
Conc: 53.39 ug/ml



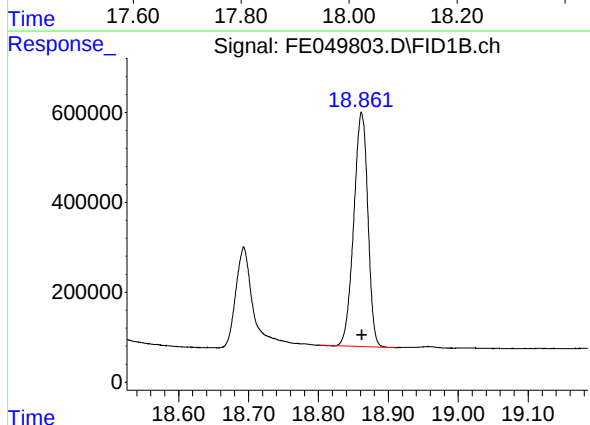
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.000 min
Response: 7286767
Conc: 48.67 ug/ml

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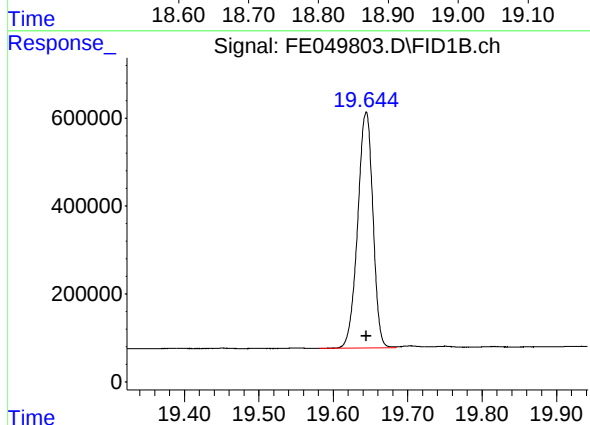
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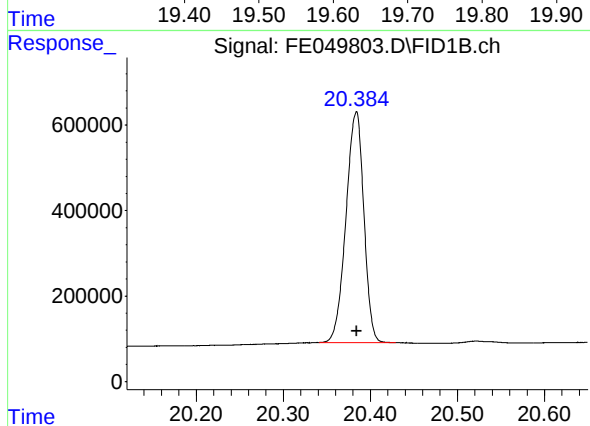
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.001 min
Response: 7305077
Conc: 48.29 ug/ml



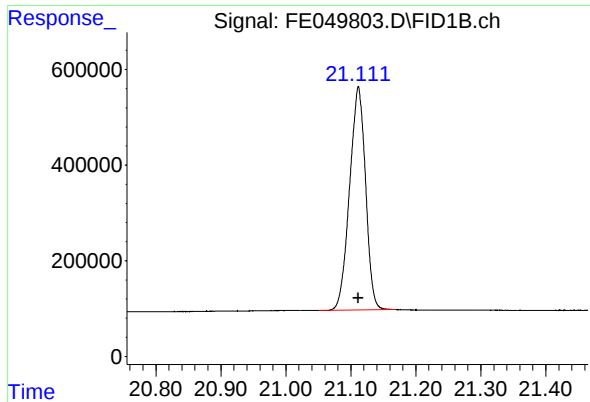
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 7642534
Conc: 49.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.000 min
Response: 7704837
Conc: 50.74 ug/ml



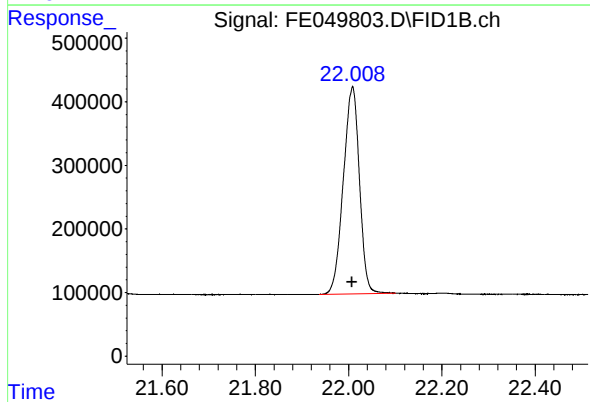
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 7972834
Conc: 50.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.001 min
Response: 7829528
Conc: 51.28 ug/ml m