

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082824AL\
 Data File : FE049814.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 11:02
 Operator : YP\AJ
 Sample : P3739-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/29/2024

Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e

Quant Time: Aug 29 01:37:50 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	7965774	49.259 ug/ml
Spiked Amount 50.000		Recovery =	98.52%
12) S 1-chlorooctadecane (S...	13.318	5069479	41.551 ug/ml
Spiked Amount 50.000		Recovery =	83.10%
Target Compounds			
1) T n-Nonane (C9)	3.271	4756341	30.735 ug/ml
2) T n-Decane (C10)	4.523	5586014	35.379 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6126608	38.183 ug/ml
4) T n-Dodecane (C12)	6.690	6483910	41.244 ug/ml
5) T A~2-methylnaphthalene...	7.326	6308592	42.126 ug/ml
6) T n-Tetradecane (C14)	8.519	6897358	44.678 ug/ml
7) T n-Hexadecane (C16)	10.123	6965713	44.600 ug/ml
8) T n-Octadecane (C18)	11.567	7122090	45.348 ug/ml
10) T n-Eicosane (C20)	12.875	7122816	47.706 ug/ml
11) T n-Heneicosane (C21)	13.485	6939950	47.308 ug/ml
13) T n-Docosane (C22)	14.070	6834206	46.889 ug/ml
14) T n-Tetracosane (C24)	15.167	12284155	84.447 ug/ml
15) T n-Hexacosane (C26)	16.193	6699525	46.420 ug/ml
16) T n-Octacosane (C28)	17.140	7385948	51.277 ug/ml
17) T n-Tricontane (C30)	18.028	6956374	46.468 ug/ml
18) T n-Dotriacontane (C32)	18.858	6976512	46.116 ug/ml
19) T n-Tetratriacontane (C34)	19.641	7304251	47.778 ug/ml
20) T n-Hexatriacontane (C36)	20.380	7382982	48.619 ug/ml
21) T n-Octatriacontane (C38)	21.108	7587381	48.342 ug/ml
22) T n-Tetracontane (C40)	22.003	7442136	48.744 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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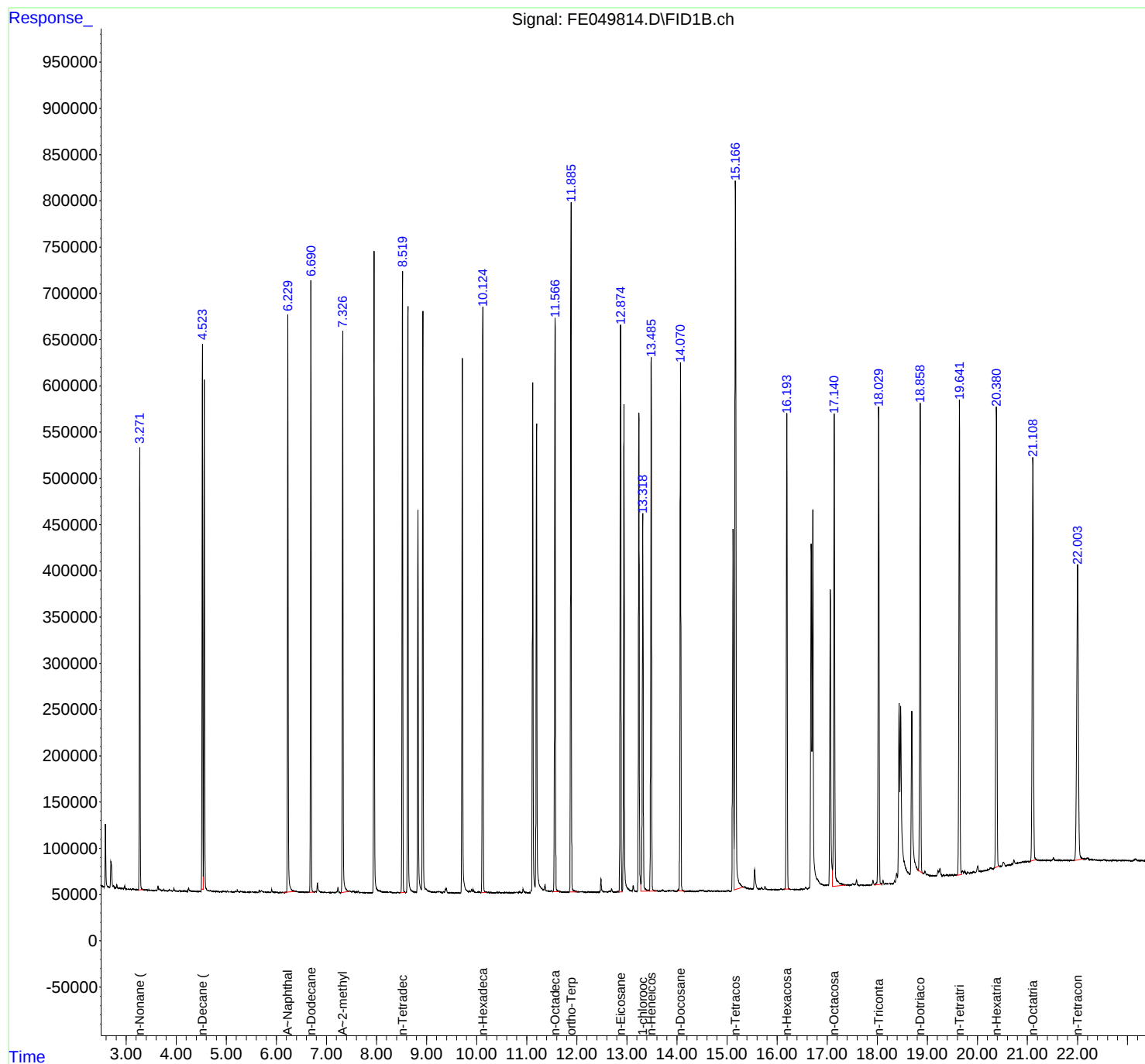
Response via : Initial Calibration

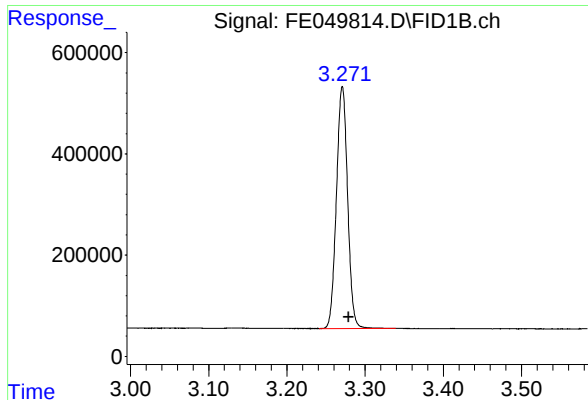
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





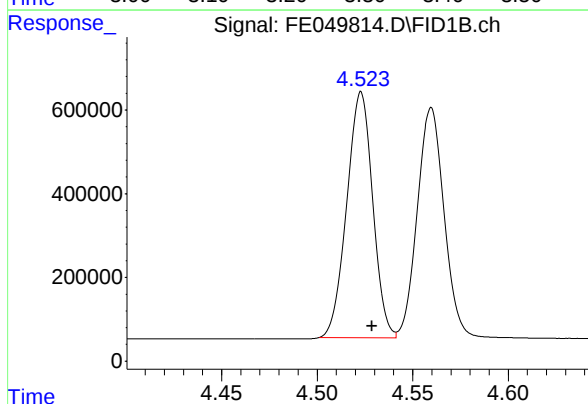
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 4756341
Conc: 30.73 ug/ml

Instrument :
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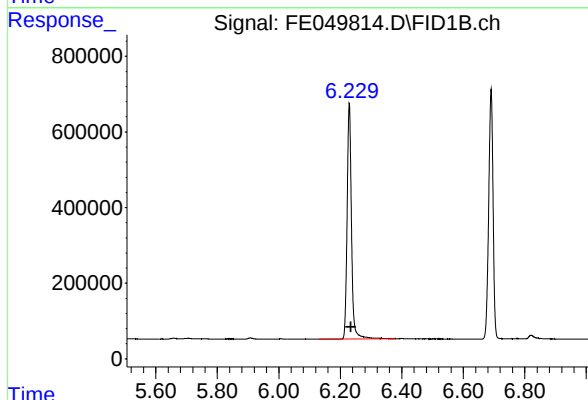
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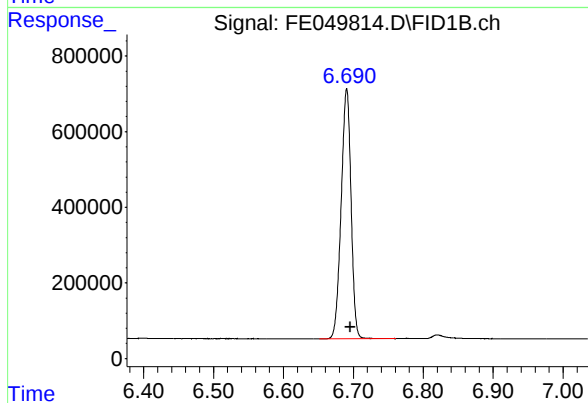
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.006 min
Response: 5586014
Conc: 35.38 ug/ml



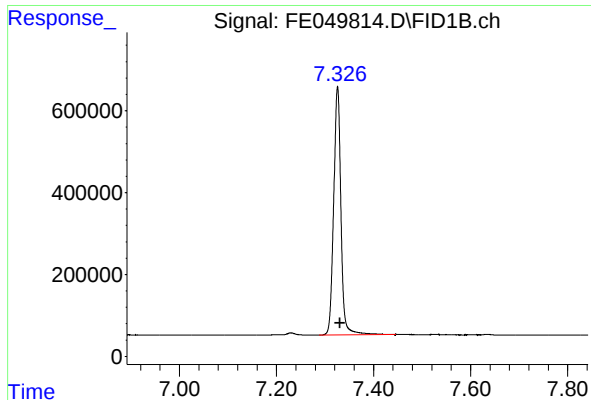
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 6126608
Conc: 38.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 6483910
Conc: 41.24 ug/ml



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

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 6308592
Conc: 42.13 ug/ml

Instrument :

FID_E

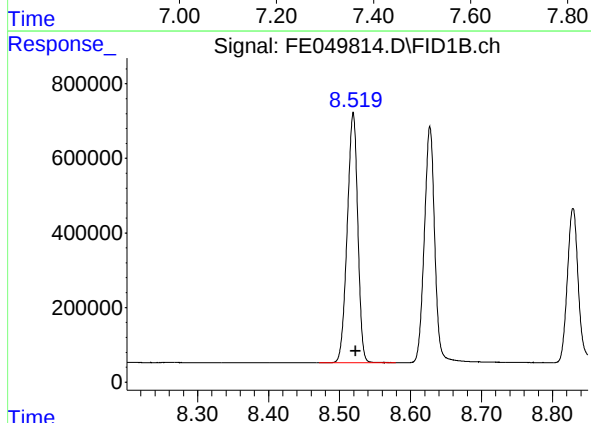
ClientSampleId :

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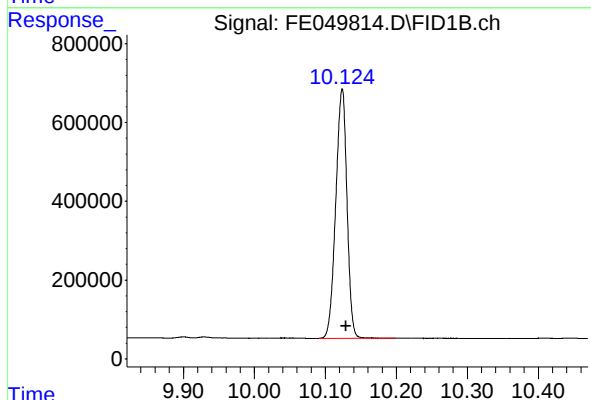
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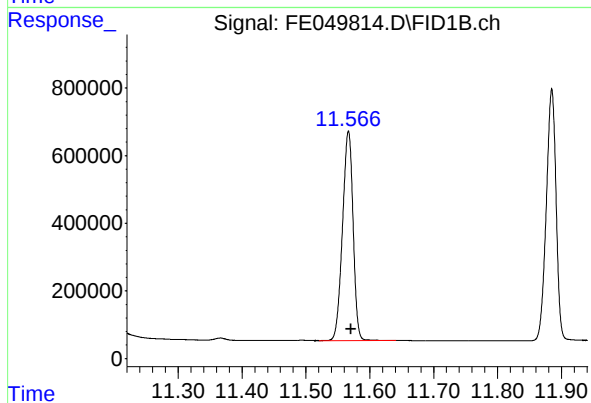
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 6897358
Conc: 44.68 ug/ml



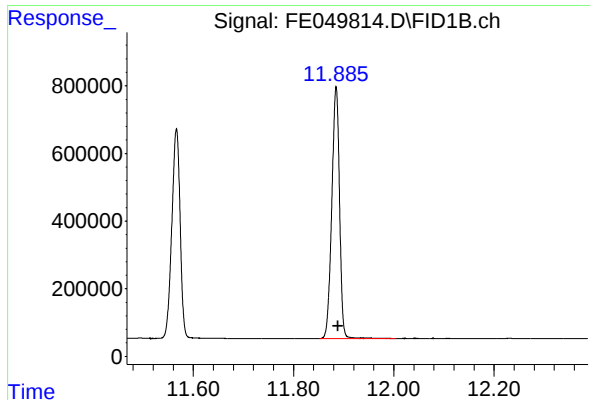
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.005 min
Response: 6965713
Conc: 44.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 7122090
Conc: 45.35 ug/ml



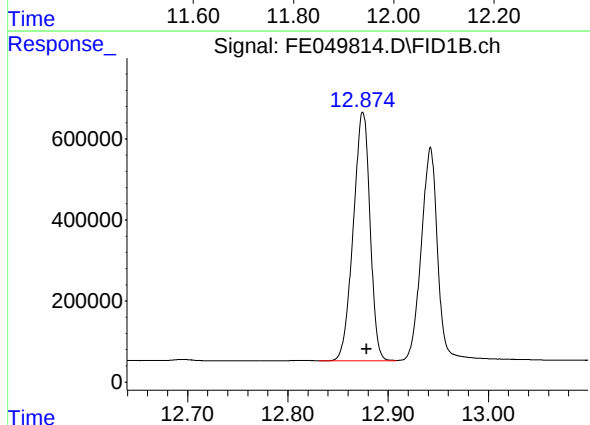
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.004 min
Response: 7965774
Conc: 49.26 ug/ml

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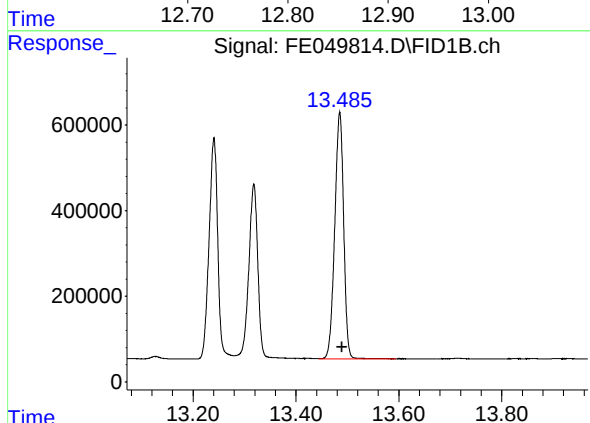
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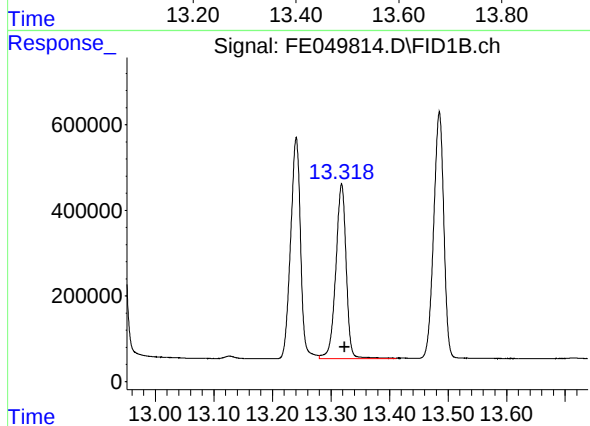
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 7122816
Conc: 47.71 ug/ml



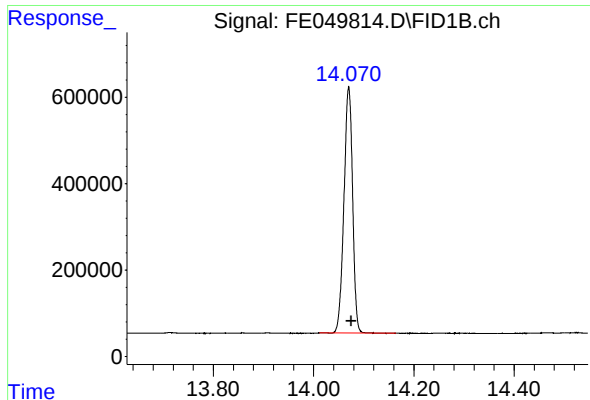
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.005 min
Response: 6939950
Conc: 47.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 5069479
Conc: 41.55 ug/ml



#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.005 min
Response: 6834206
Conc: 46.89 ug/ml

Instrument :

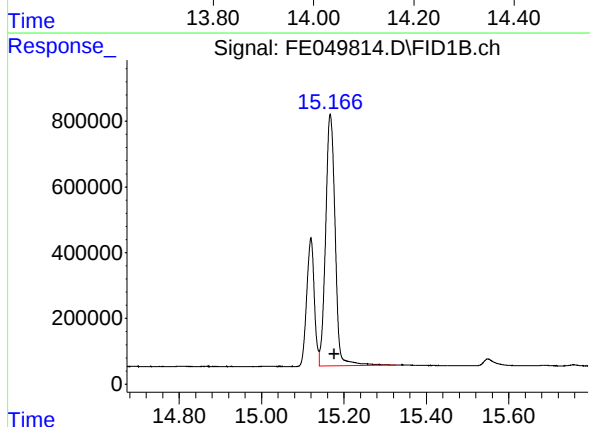
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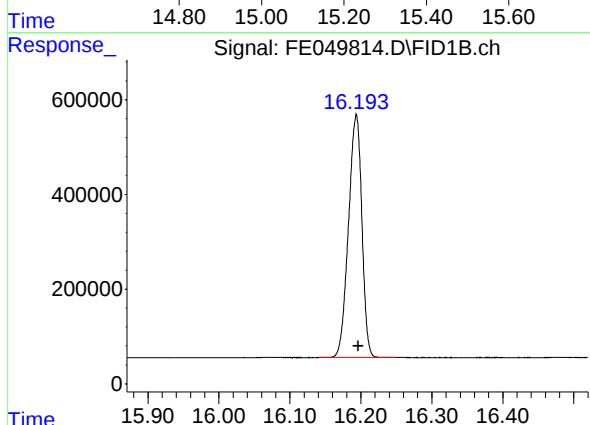
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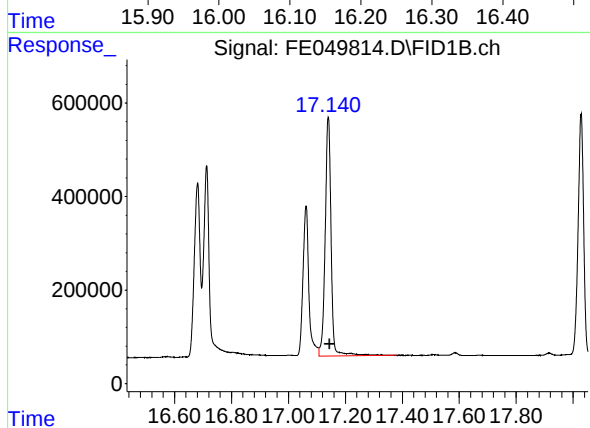
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.010 min
Response: 12284155
Conc: 84.45 ug/ml



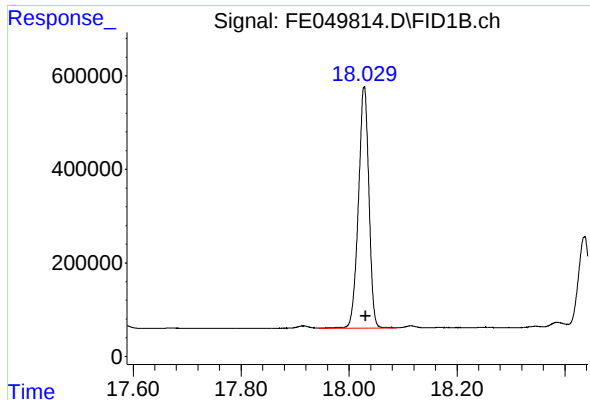
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 6699525
Conc: 46.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 7385948
Conc: 51.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 6956374
Conc: 46.47 ug/ml

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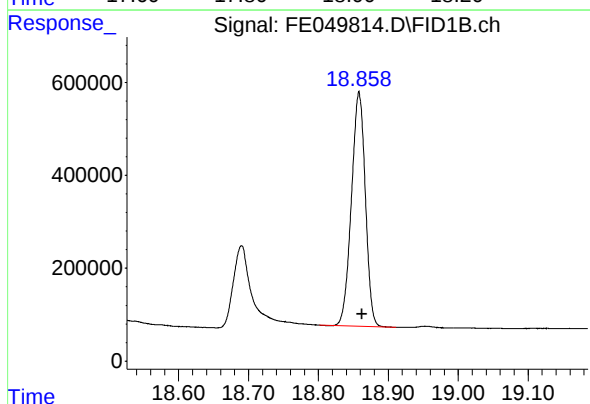
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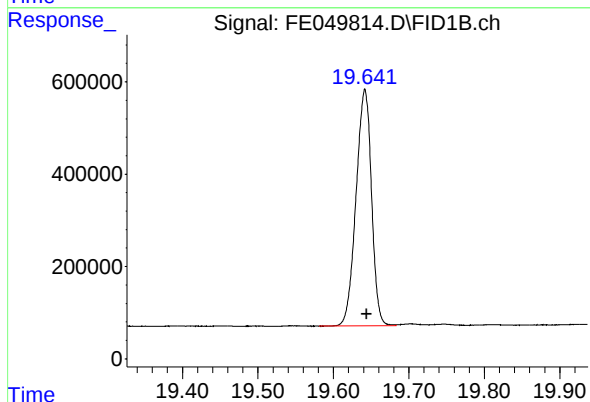
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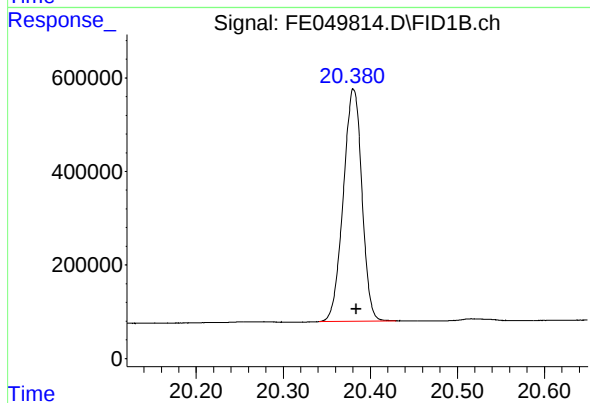
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.005 min
Response: 6976512
Conc: 46.12 ug/ml



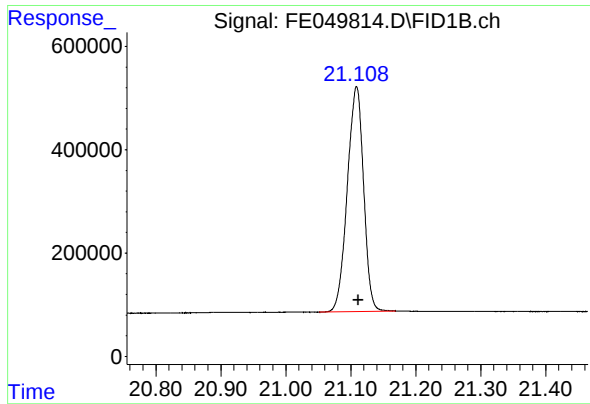
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.003 min
Response: 7304251
Conc: 47.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 7382982
Conc: 48.62 ug/ml



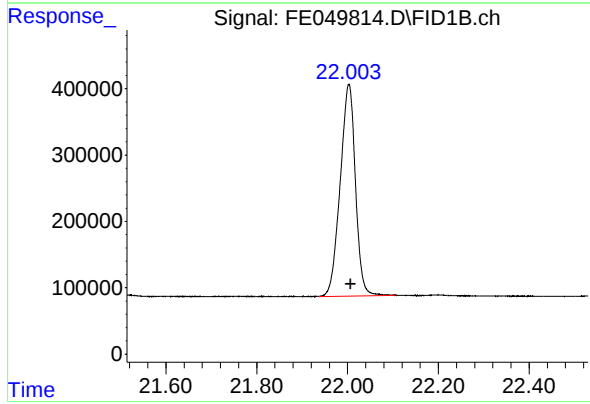
#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.003 min
Response: 7587381
Conc: 48.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.005 min
Response: 7442136
Conc: 48.74 ug/ml m