

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049554.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 10:26
 Operator : YP\AJ
 Sample : PB162632BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162632BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File: autoint1.e
 Quant Time: Aug 13 01:41:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.892	6405559	41.299 ug/ml
Spiked Amount 50.000		Recovery =	82.60%
12) S 1-chlorooctadecane (S...	13.326	5056091	43.275 ug/ml
Spiked Amount 50.000		Recovery =	86.55%
Target Compounds			
1) T n-Nonane (C9)	3.293	7341113	48.814 ug/ml
2) T n-Decane (C10)	4.538	7932784	51.361 ug/ml
3) T A~Naphthalene (C11.7)	6.239	9171758	58.868 ug/ml
4) T n-Dodecane (C12)	6.699	8190444	53.192 ug/ml
5) T A~2-methylnaphthalene...	7.334	9189102	63.143 ug/ml
6) T n-Tetradecane (C14)	8.528	8651048	56.999 ug/ml
7) T n-Hexadecane (C16)	10.133	8792721	57.978 ug/ml
8) T n-Octadecane (C18)	11.574	8762561	57.712 ug/ml
10) T n-Eicosane (C20)	12.884	8721121	60.309 ug/ml
11) T n-Heneicosane (C21)	13.495	8444111	59.546 ug/ml
13) T n-Docosane (C22)	14.080	8347495	59.415 ug/ml
14) T n-Tetracosane (C24)	15.176	16463359	117.468 ug/ml
15) T n-Hexacosane (C26)	16.203	8238000	58.750 ug/ml
16) T n-Octacosane (C28)	17.149	8465268	60.480 ug/ml
17) T n-Tricontane (C30)	18.038	8376221	57.422 ug/ml
18) T n-Dotriacontane (C32)	18.868	8339169	56.714 ug/ml
19) T n-Tetratriacontane (C34)	19.650	8501471	58.202 ug/ml
20) T n-Hexatriacontane (C36)	20.388	8367289	58.042 ug/ml
21) T n-Octatriacontane (C38)	21.118	8693163	58.074 ug/ml
22) T n-Tetracontane (C40)	22.013	8374946	55.498 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162632BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

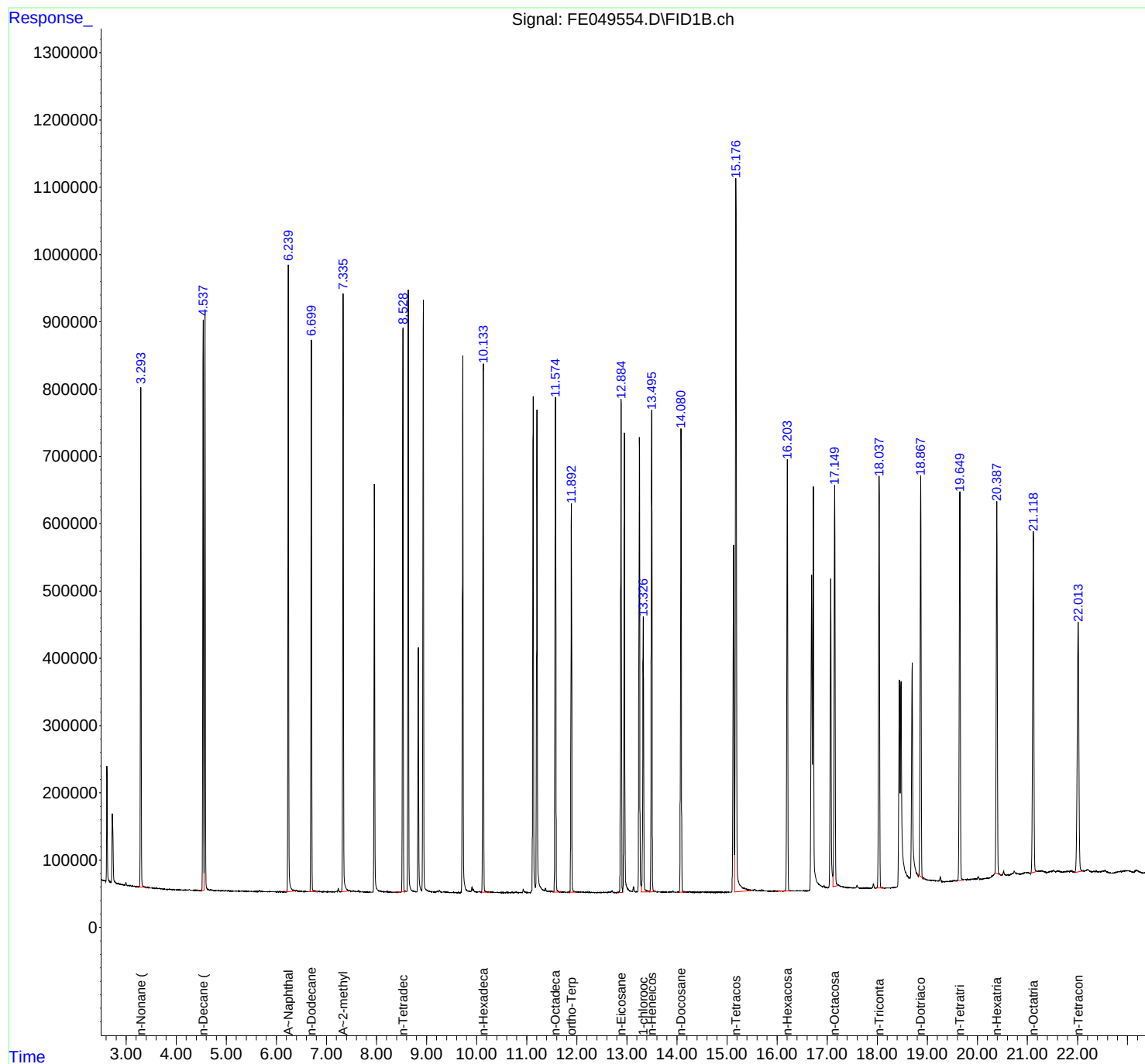
Instrument :
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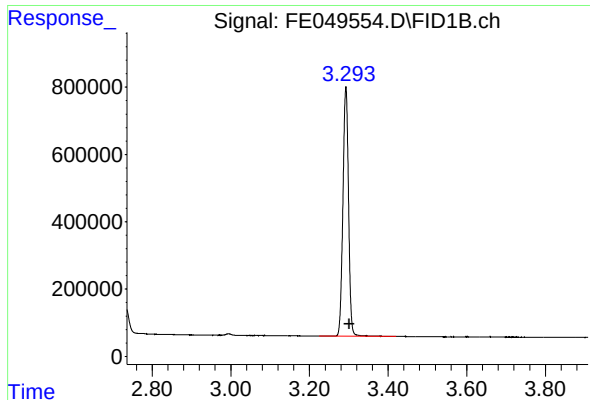
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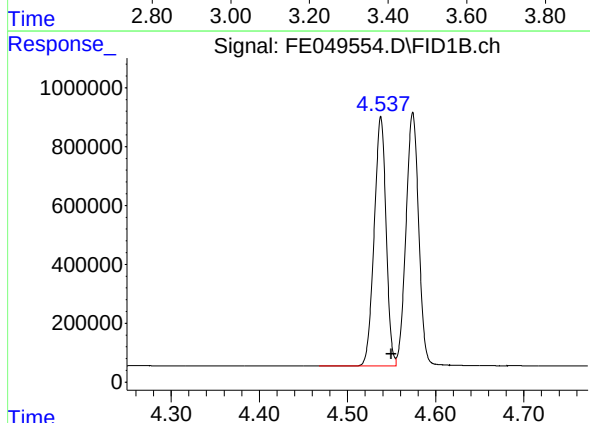
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 7341113
Conc: 48.81 ug/ml

Instrument :
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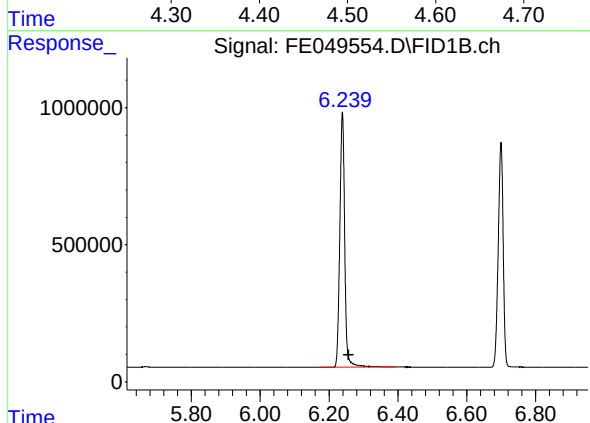
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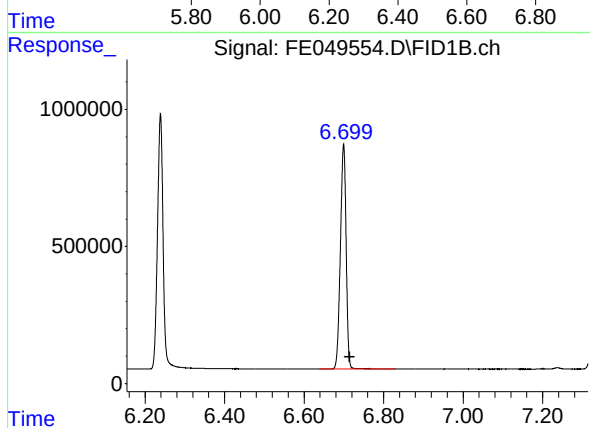
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.012 min
Response: 7932784
Conc: 51.36 ug/ml



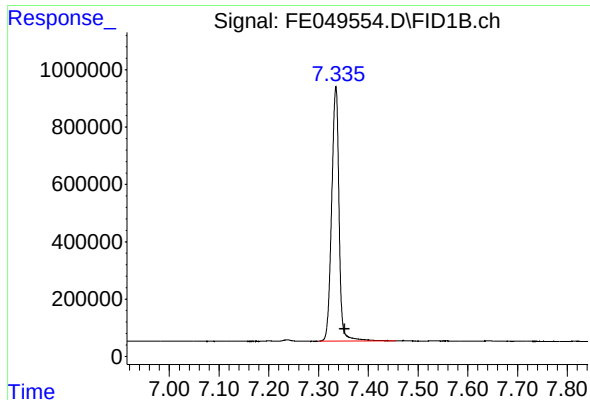
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.018 min
Response: 9171758
Conc: 58.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.016 min
Response: 8190444
Conc: 53.19 ug/ml



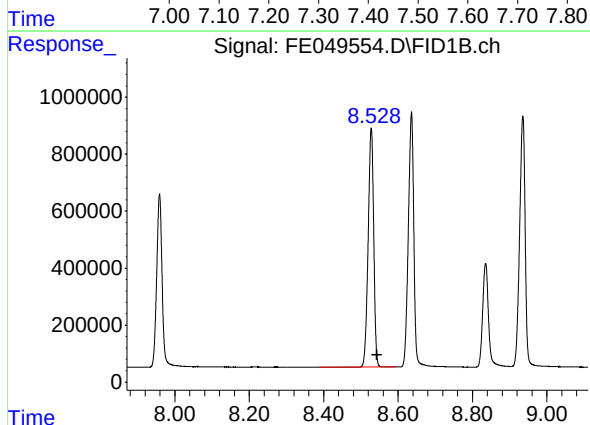
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.018 min
Response: 9189102
Conc: 63.14 ug/ml

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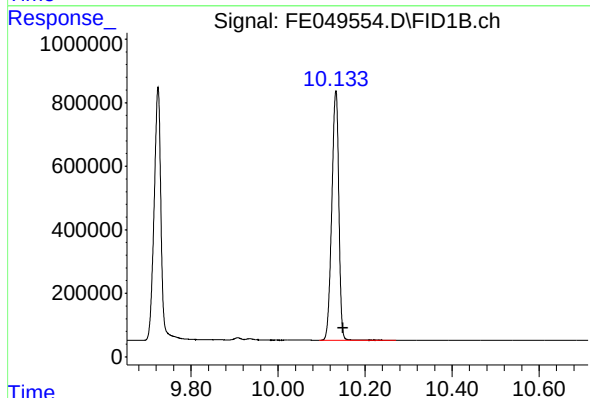
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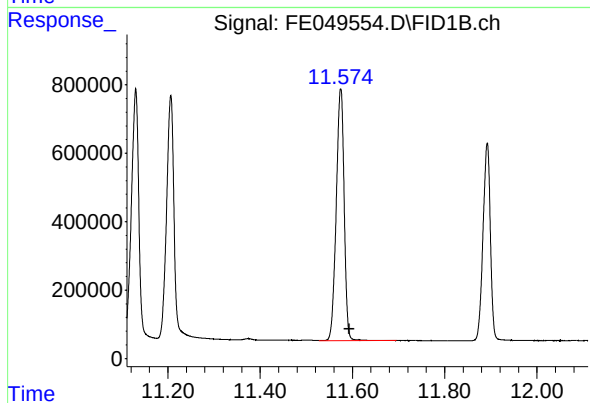
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 8651048
Conc: 57.00 ug/ml



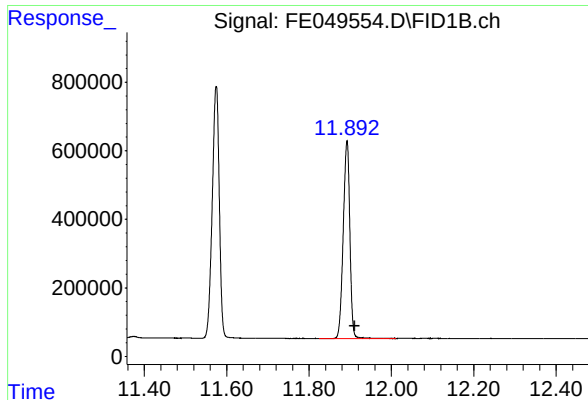
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.017 min
Response: 8792721
Conc: 57.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.018 min
Response: 8762561
Conc: 57.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.019 min
Response: 6405559
Conc: 41.30 ug/ml

Instrument :

FID_E

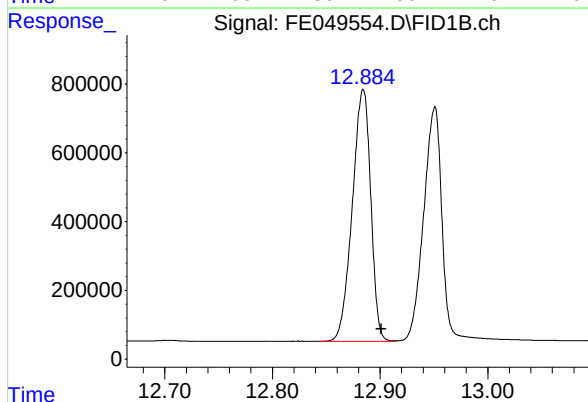
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PB162632BSD

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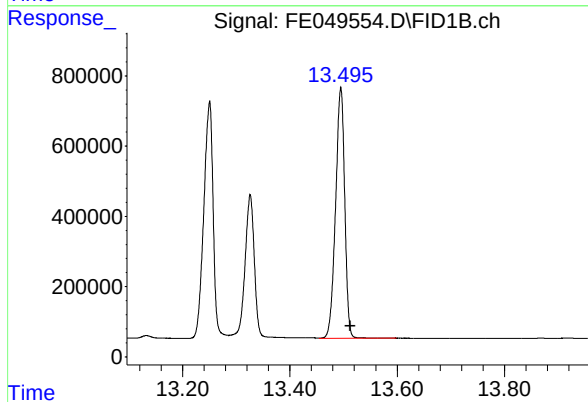
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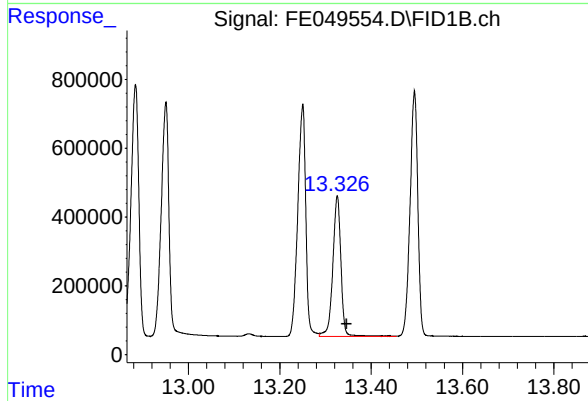
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 8721121
Conc: 60.31 ug/ml



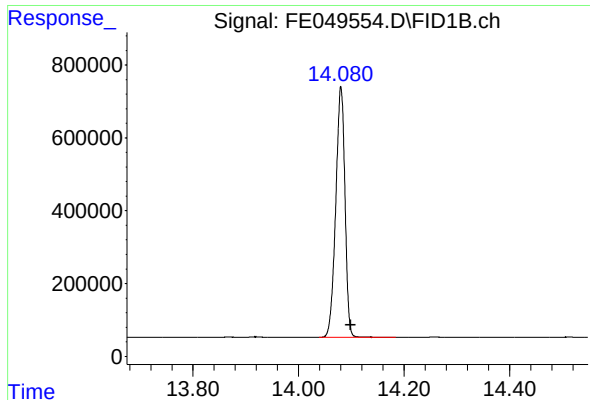
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 8444111
Conc: 59.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.021 min
Response: 5056091
Conc: 43.28 ug/ml



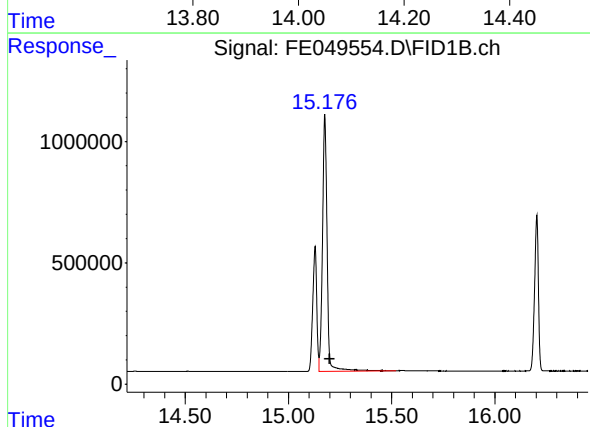
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 8347495
Conc: 59.42 ug/ml

Instrument :
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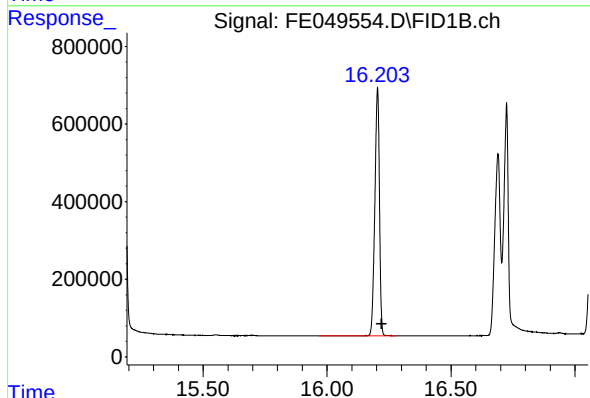
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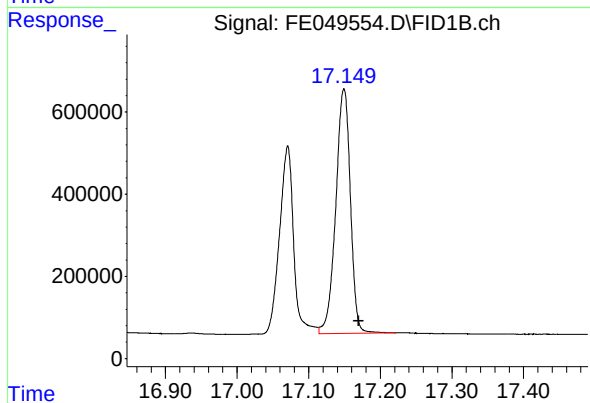
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.024 min
Response: 16463359
Conc: 117.47 ug/ml



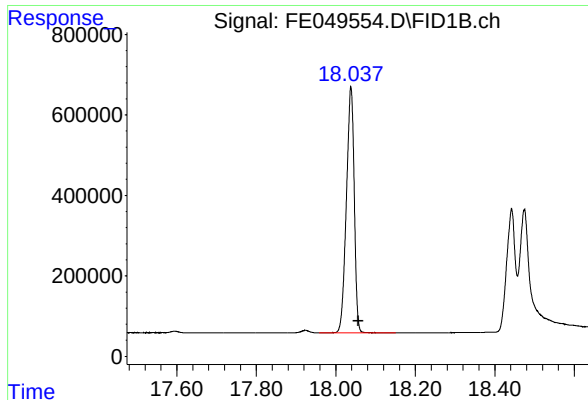
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.018 min
Response: 8238000
Conc: 58.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 8465268
Conc: 60.48 ug/ml



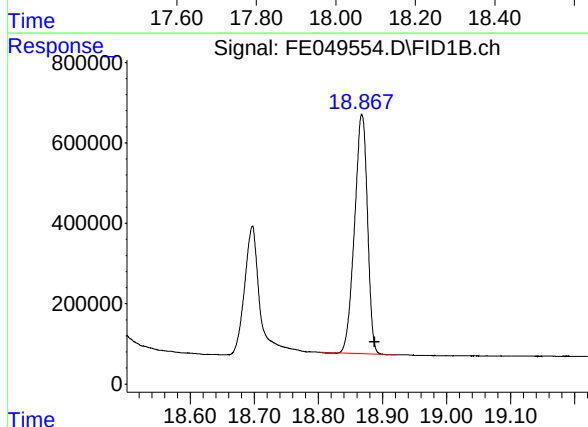
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.019 min
Response: 8376221
Conc: 57.42 ug/ml

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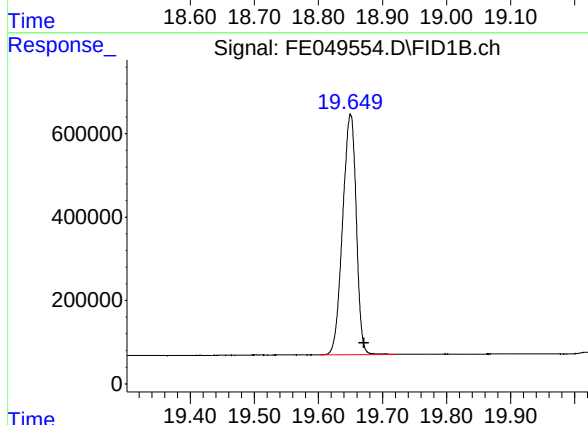
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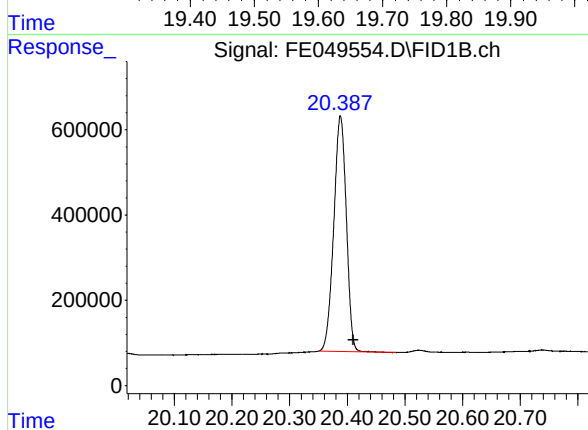
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 8339169
Conc: 56.71 ug/ml



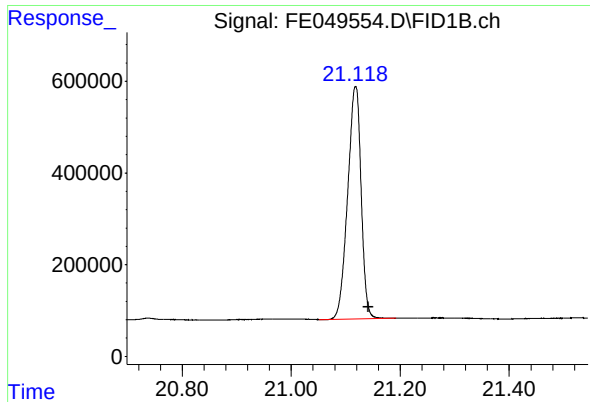
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.021 min
Response: 8501471
Conc: 58.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.022 min
Response: 8367289
Conc: 58.04 ug/ml



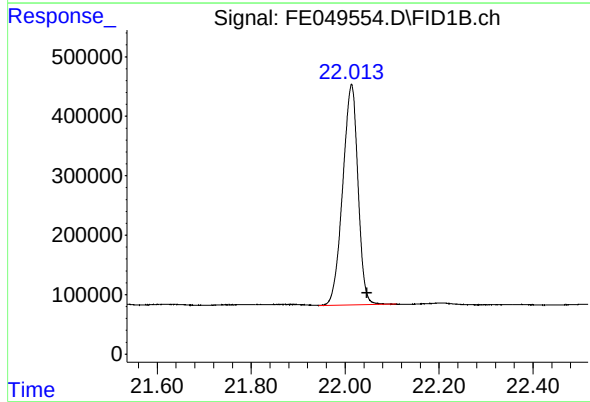
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.024 min
Response: 8693163
Conc: 58.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: -0.034 min
Response: 8374946
Conc: 55.50 ug/ml m