

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015047.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 13:30
 Operator : YP\AJ
 Sample : PB165926BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB165926BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/02/2025

Supervised By :Ankita Jodhani 01/02/2025

Integration File: autoint1.e

Quant Time: Jan 01 01:08:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M

Quant Title : GC Extractables

QLast Update : Fri Dec 20 13:49:57 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)	11.949	6658975	42.210 ug/ml
Spiked Amount 50.000		Recovery =	84.42%
12) S 1-chlorooctadecane (S...	13.393	5608086	44.379 ug/ml
Spiked Amount 50.000		Recovery =	88.76%
Target Compounds			
1) T n-Nonane (C9)	3.300	5052095	39.517 ug/ml
2) T n-Decane (C10)	4.555	5389169	41.350 ug/ml
3) T A~Naphthalene (C11.7)	6.261	6258355	43.598 ug/ml
4) T n-Dodecane (C12)	6.729	5631830	42.624 ug/ml
5) T A~2-methylnaphthalene...	7.362	5845579	41.704 ug/ml
6) T n-Tetradecane (C14)	8.568	5848435	43.842 ug/ml
7) T n-Hexadecane (C16)	10.181	5956755	42.199 ug/ml
8) T n-Octadecane (C18)	11.632	6035914	41.200 ug/ml
10) T n-Eicosane (C20)	12.948	6243905	43.029 ug/ml
11) T n-Heneicosane (C21)	13.562	5998273	41.391 ug/ml
13) T n-Docosane (C22)	14.151	5960823	40.785 ug/ml
14) T n-Tetracosane (C24)	15.235	11909947	79.758 ug/mlm
15) T n-Hexacosane (C26)	16.286	5713144	38.071 ug/ml
16) T n-Octacosane (C28)	17.237	5597675	37.392 ug/ml
17) T n-Tricontane (C30)	18.129	5499006	35.825 ug/ml
18) T n-Dotriacontane (C32)	18.963	5280478	35.791 ug/ml
19) T n-Tetratriacontane (C34)	19.747	5026039	39.383 ug/ml
20) T n-Hexatriacontane (C36)	20.489	4526670	41.963 ug/ml
21) T n-Octatriacontane (C38)	21.240	4186467	41.768 ug/ml
22) T n-Tetracontane (C40)	22.182	3953315	42.086 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165926BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

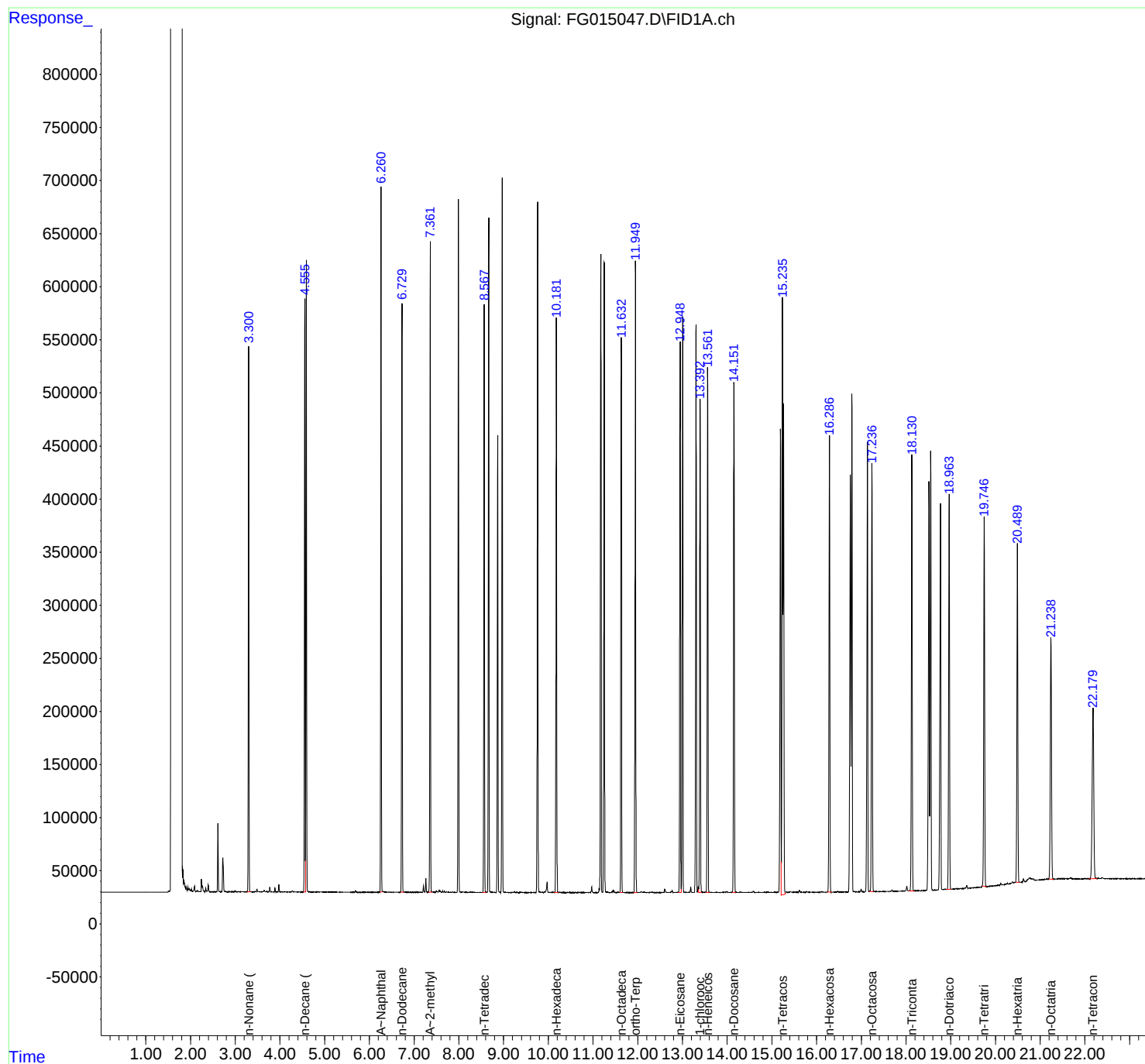
Instrument :
FID_G
ClientSampleId :
PB165926BSD

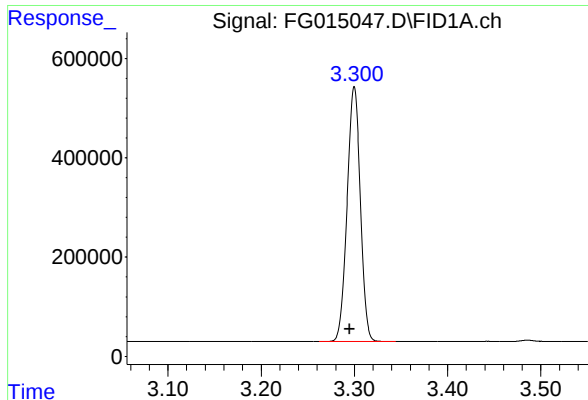
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QLast Update : Fri Dec 20 13:49:57 2024
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





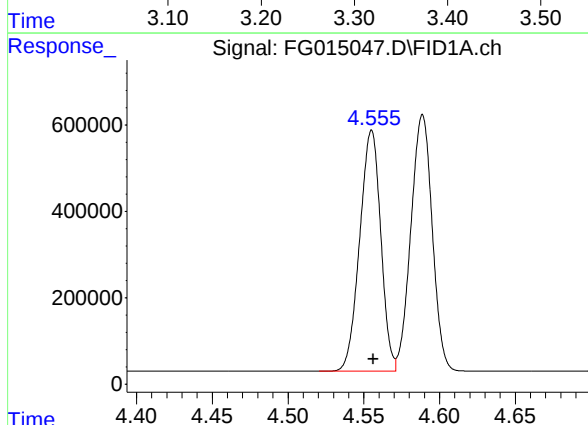
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.005 min
Response: 5052095
Conc: 39.52 ug/ml

Instrument :
FID_G
ClientSampleId :
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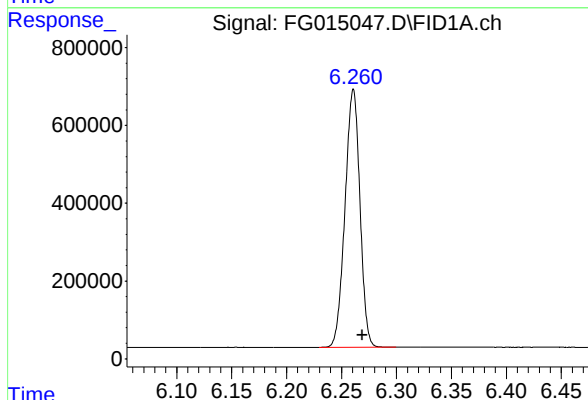
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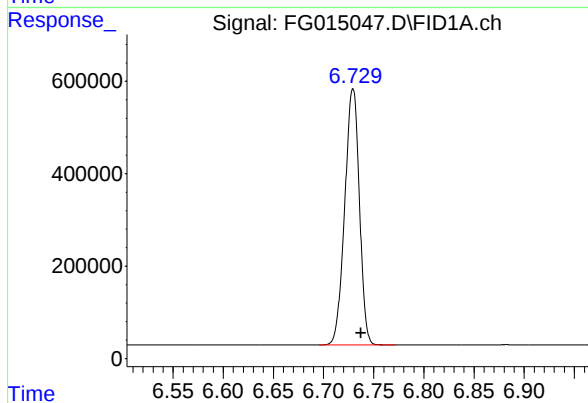
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 5389169
Conc: 41.35 ug/ml



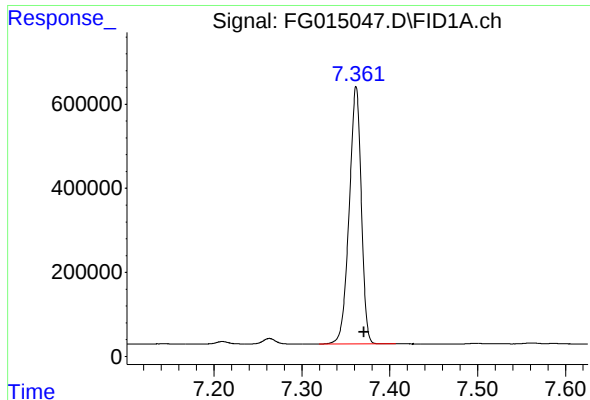
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 6258355
Conc: 43.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.008 min
Response: 5631830
Conc: 42.62 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 5845579
Conc: 41.70 ug/ml

Instrument :

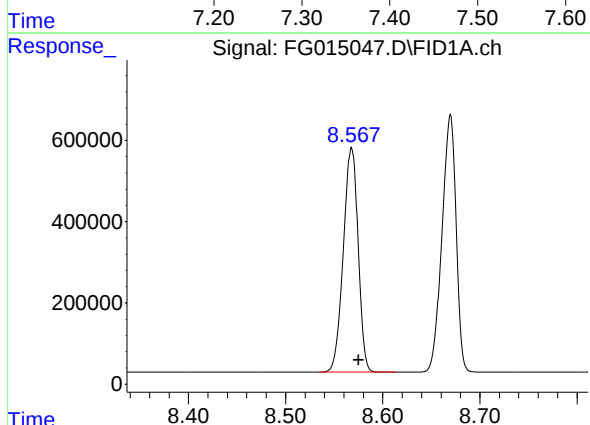
FID_G

ClientSampleId :

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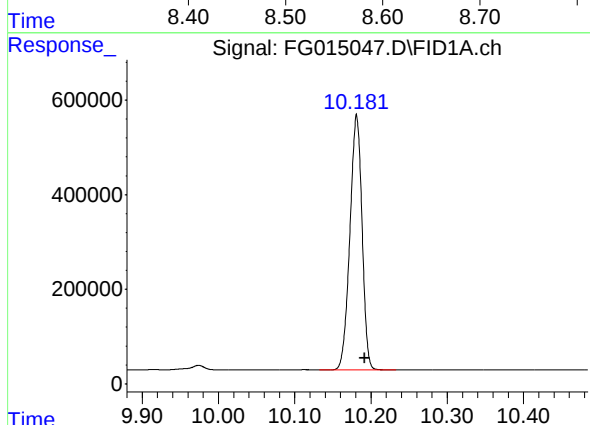
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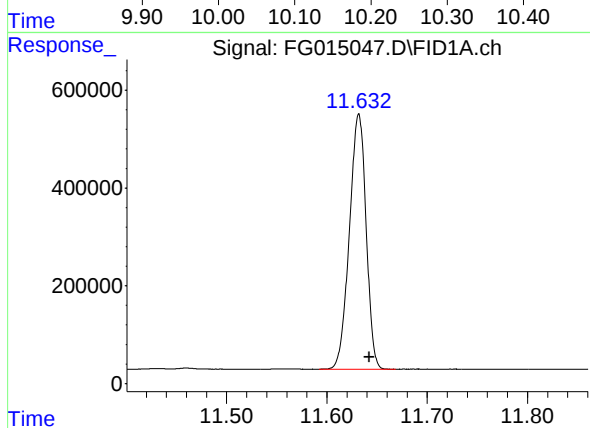
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.007 min
Response: 5848435
Conc: 43.84 ug/ml



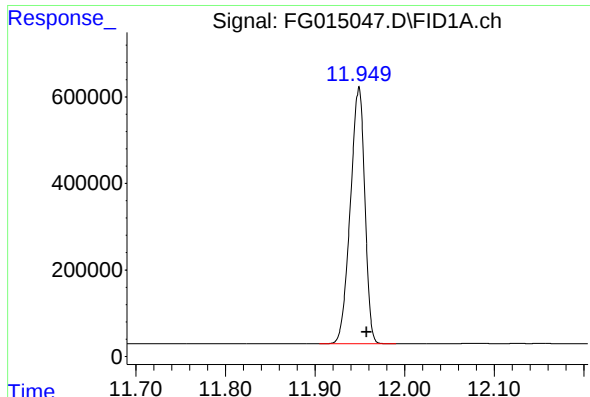
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.010 min
Response: 5956755
Conc: 42.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.010 min
Response: 6035914
Conc: 41.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.009 min
Response: 6658975
Conc: 42.21 ug/ml

Instrument :

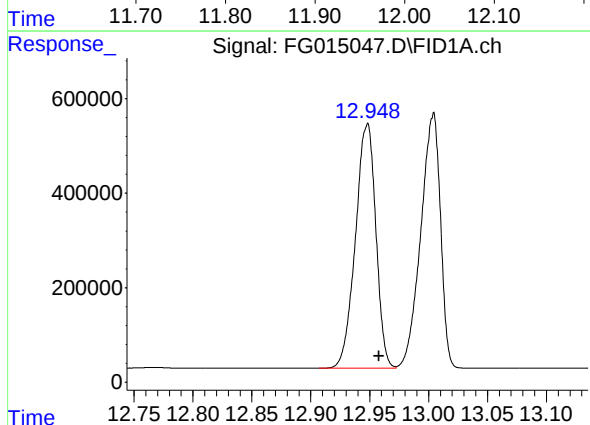
FID_G

ClientSampleId :

PB165926BSD

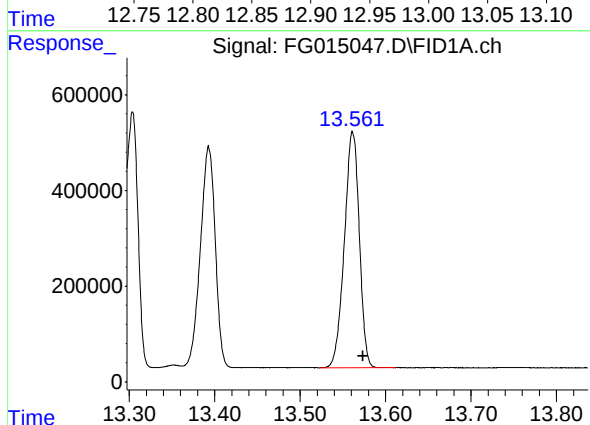
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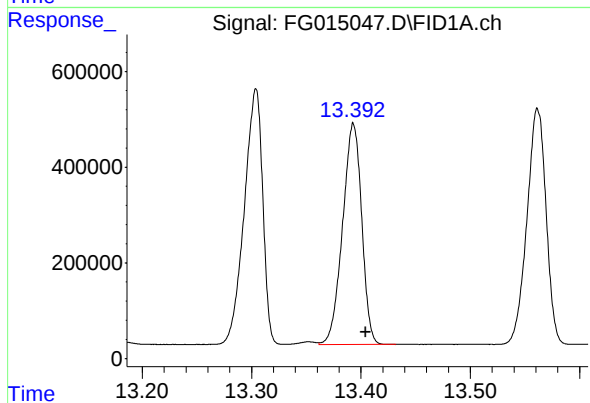
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.010 min
Response: 6243905
Conc: 43.03 ug/ml



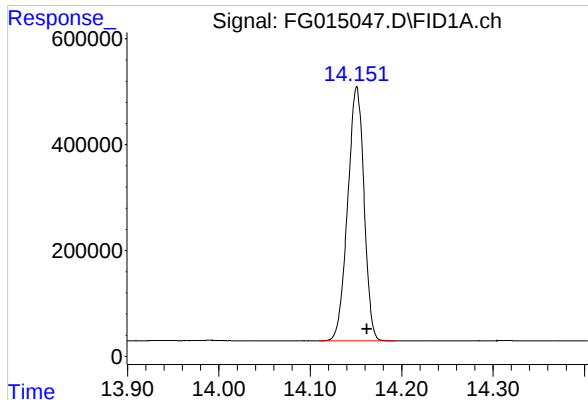
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.012 min
Response: 5998273
Conc: 41.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 5608086
Conc: 44.38 ug/ml



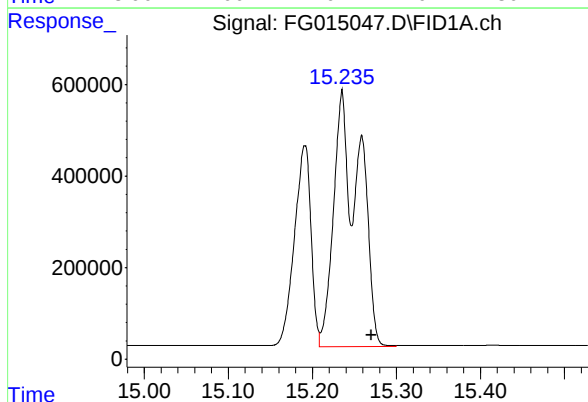
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.011 min
Response: 5960823
Conc: 40.79 ug/ml

Instrument :
FID_G
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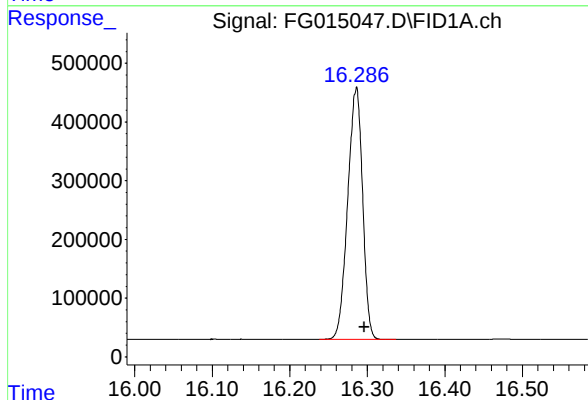
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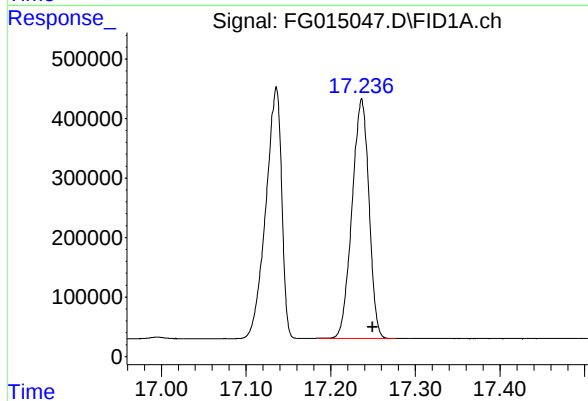
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.035 min
Response: 11909947
Conc: 79.76 ug/ml



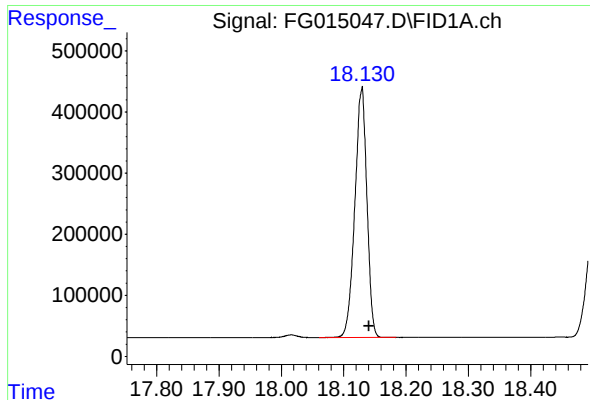
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.010 min
Response: 5713144
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: -0.013 min
Response: 5597675
Conc: 37.39 ug/ml



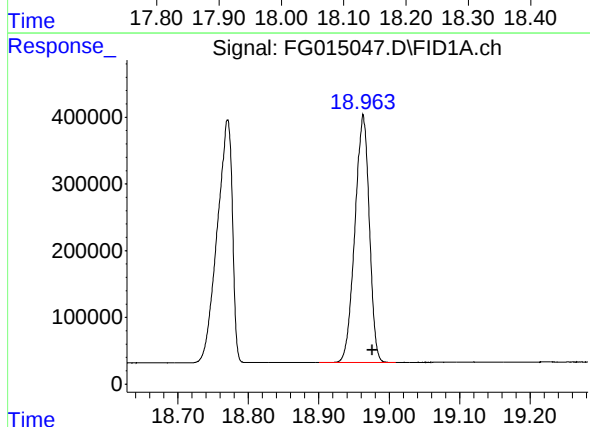
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: -0.012 min
Response: 5499006
Conc: 35.82 ug/ml

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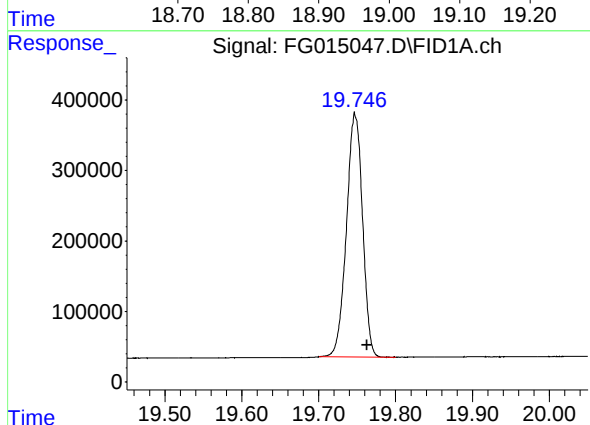
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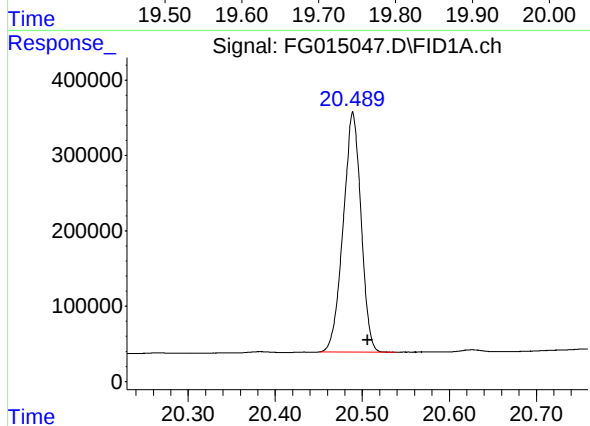
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: -0.013 min
Response: 5280478
Conc: 35.79 ug/ml



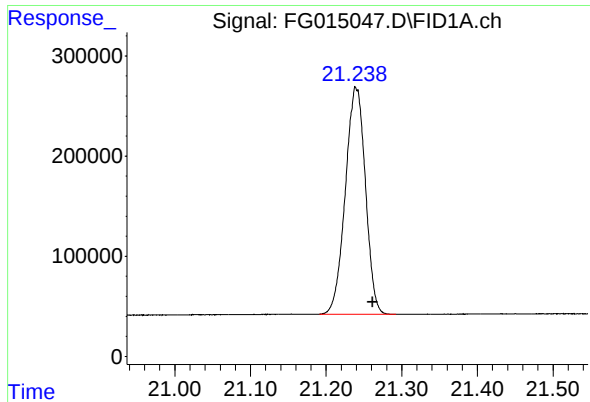
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: -0.016 min
Response: 5026039
Conc: 39.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: -0.017 min
Response: 4526670
Conc: 41.96 ug/ml



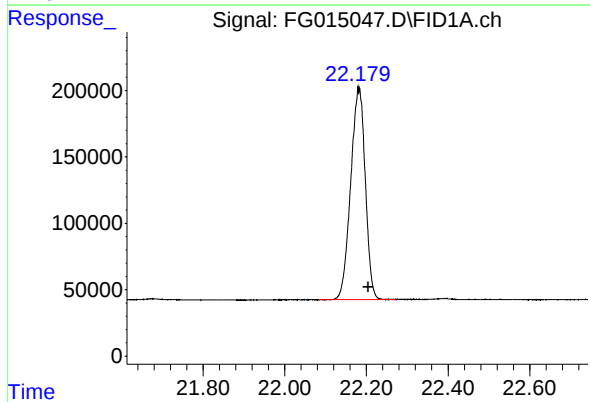
#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.022 min
Response: 4186467
Conc: 41.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: -0.023 min
Response: 3953315
Conc: 42.09 ug/ml