

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015091.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 14:29
 Operator : YP\AJ
 Sample : PB166075BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB166075BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/17/2025

Supervised By :Ankita Jodhani 01/17/2025

Integration File: autoint1.e

Quant Time: Jan 17 00:25:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M

Quant Title : GC Extractables

QLast Update : Tue Jan 14 11:45:29 2025

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)	11.944	7177066	45.905 ug/ml
Spiked Amount 50.000		Recovery =	91.81%
12) S 1-chlorooctadecane (S...	13.389	5990979	49.202 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
1) T n-Nonane (C9)	3.303	6051413	46.609 ug/ml
2) T n-Decane (C10)	4.554	6355489	47.825 ug/ml
3) T A~Naphthalene (C11.7)	6.258	7305176	50.023 ug/ml
4) T n-Dodecane (C12)	6.726	6527135	48.014 ug/ml
5) T A~2-methylnaphthalene...	7.358	6781769	47.506 ug/ml
6) T n-Tetradecane (C14)	8.564	6734788	48.972 ug/ml
7) T n-Hexadecane (C16)	10.177	6839877	47.205 ug/ml
8) T n-Octadecane (C18)	11.628	6924898	46.592 ug/ml
10) T n-Eicosane (C20)	12.943	7156318	49.858 ug/ml
11) T n-Heneicosane (C21)	13.558	6871353	48.597 ug/ml
13) T n-Docosane (C22)	14.146	6825375	48.544 ug/ml
14) T n-Tetracosane (C24)	15.231	13522346	97.154 ug/mlm
15) T n-Hexacosane (C26)	16.281	6552443	48.376 ug/ml
16) T n-Octacosane (C28)	17.231	6410143	48.710 ug/ml
17) T n-Tricontane (C30)	18.124	6323351	47.667 ug/ml
18) T n-Dotriacontane (C32)	18.957	6205107	49.199 ug/ml
19) T n-Tetratriacontane (C34)	19.743	6280417	57.681 ug/ml
20) T n-Hexatriacontane (C36)	20.486	6462908	69.224 ug/ml
21) T n-Octatriacontane (C38)	21.236	7029075	80.099 ug/ml
22) T n-Tetracontane (C40)	22.177	7601045	89.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
Data File : FG015091.D
Signal(s) : FID1A.ch
Acq On : 16 Jan 2025 14:29
Operator : YP\AJ
Sample : PB166075BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

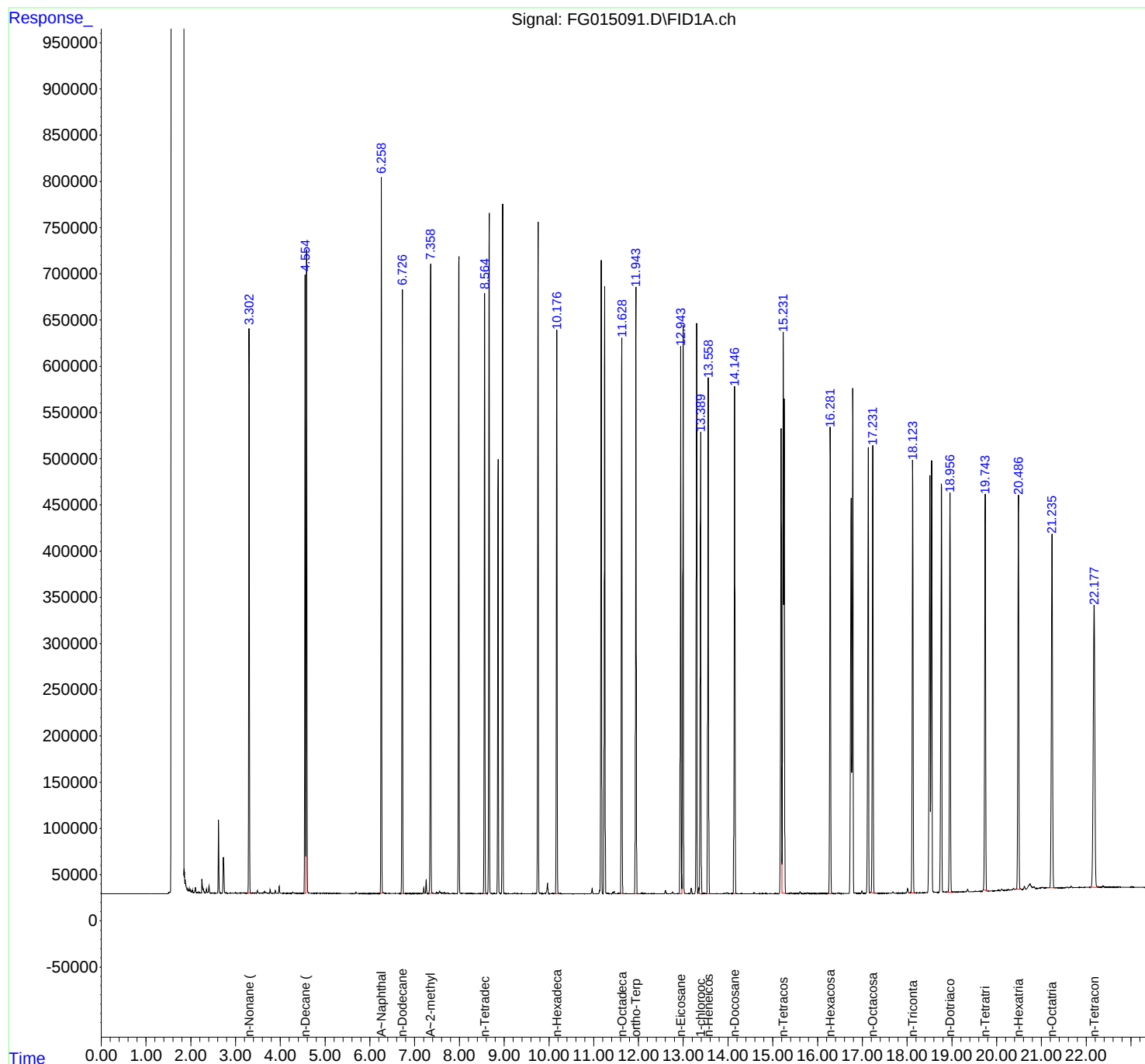
Instrument :
FID_G
ClientSampleId :
PB166075BSD

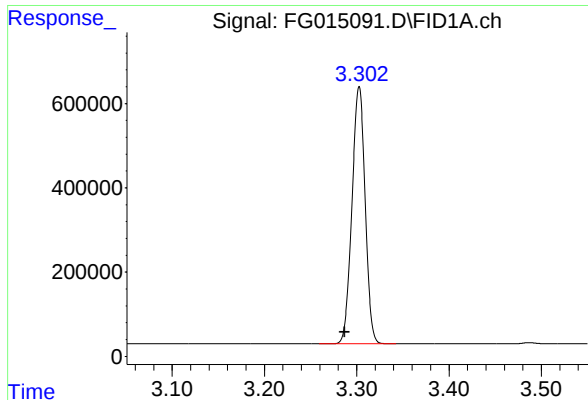
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Integration File: autoint1.e
Quant Time: Jan 17 00:25:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.016 min
Response: 6051413
Conc: 46.61 ug/ml

Instrument :

FID_G

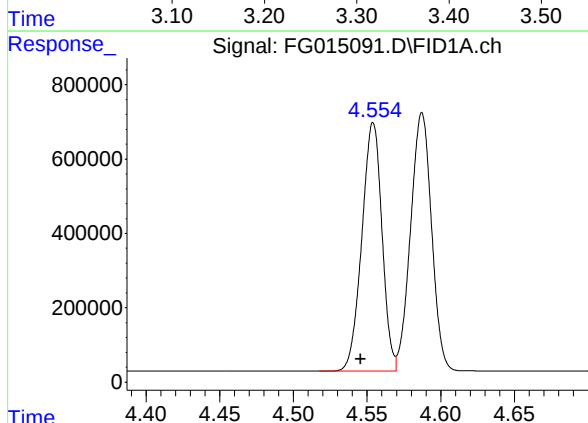
ClientSampleId :

PB166075BSD

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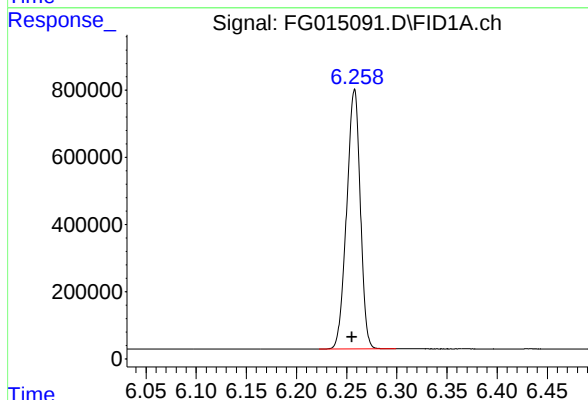
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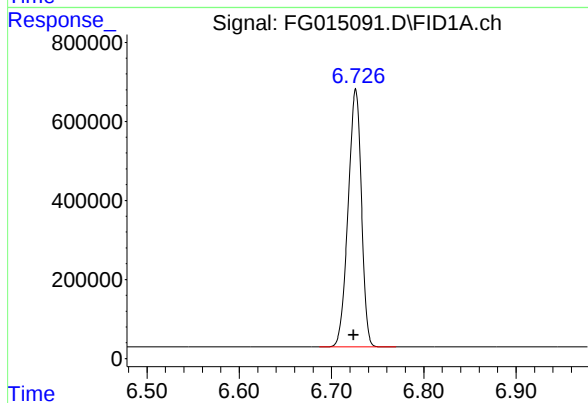
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.009 min
Response: 6355489
Conc: 47.83 ug/ml



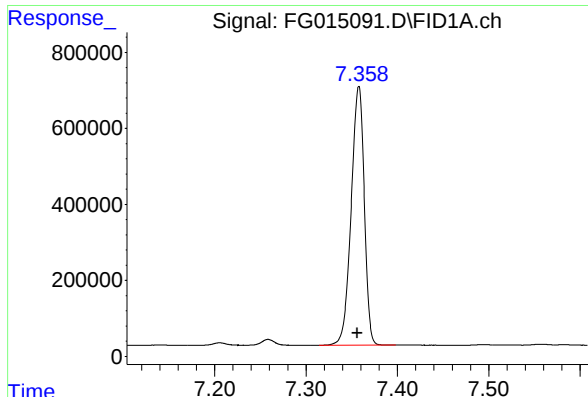
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 7305176
Conc: 50.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 6527135
Conc: 48.01 ug/ml



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

R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 6781769
Conc: 47.51 ug/ml

Instrument :

FID_G

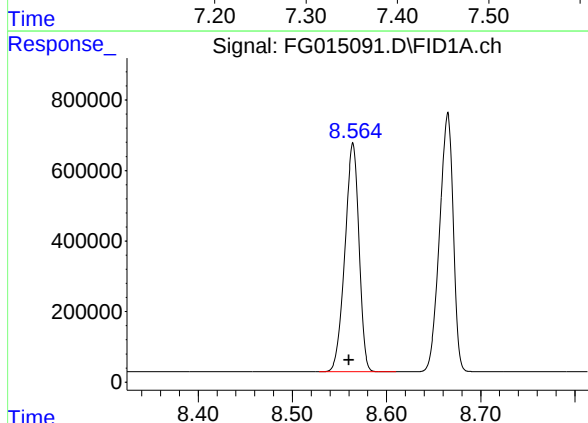
ClientSampleId :

PB166075BSD

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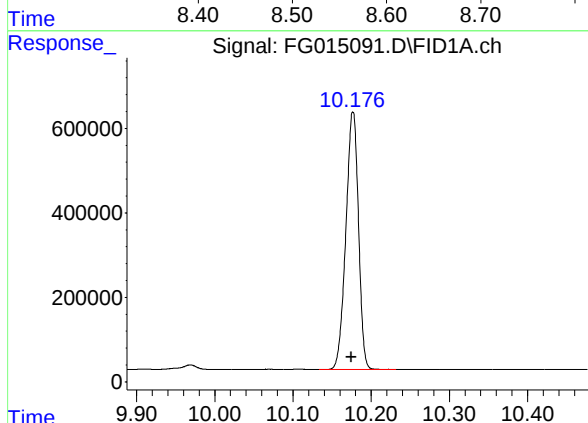
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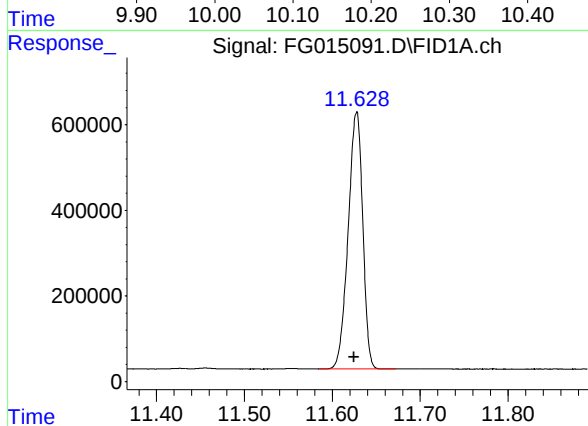
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.005 min
Response: 6734788
Conc: 48.97 ug/ml



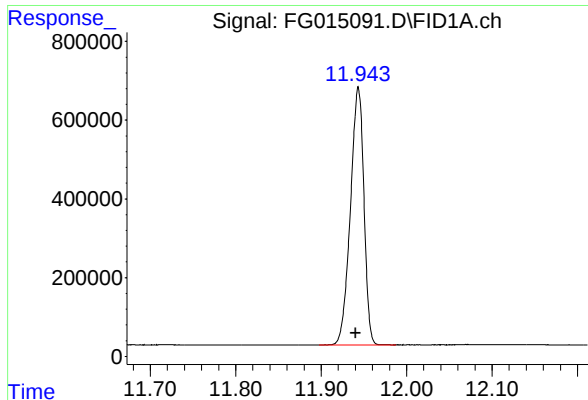
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 6839877
Conc: 47.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 6924898
Conc: 46.59 ug/ml



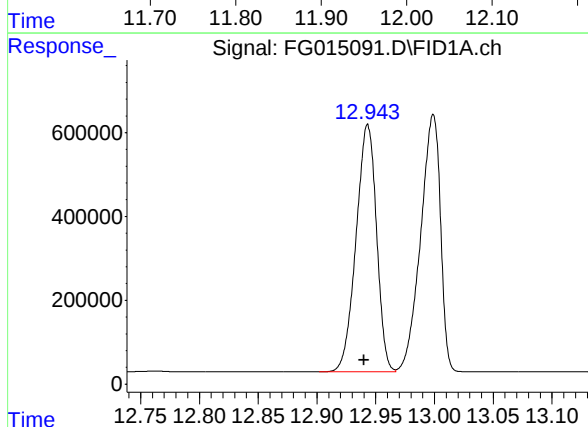
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.003 min
Response: 7177066
Conc: 45.91 ug/ml

Instrument :
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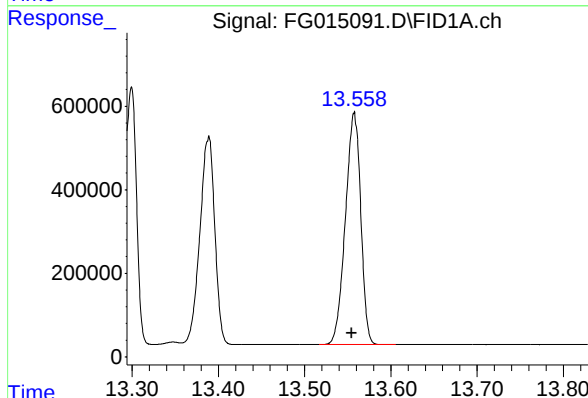
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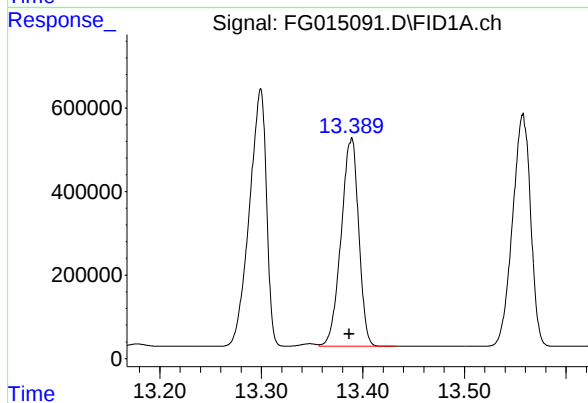
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.003 min
Response: 7156318
Conc: 49.86 ug/ml



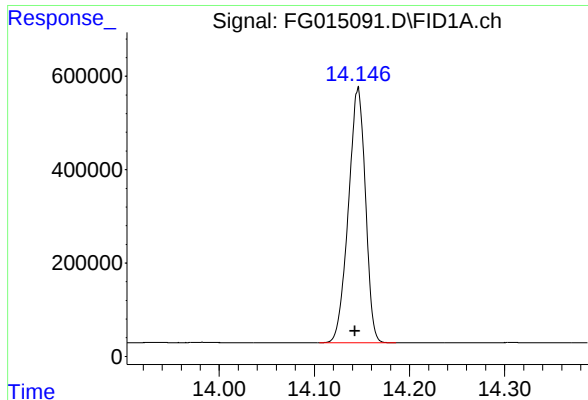
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.003 min
Response: 6871353
Conc: 48.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: 0.002 min
Response: 5990979
Conc: 49.20 ug/ml



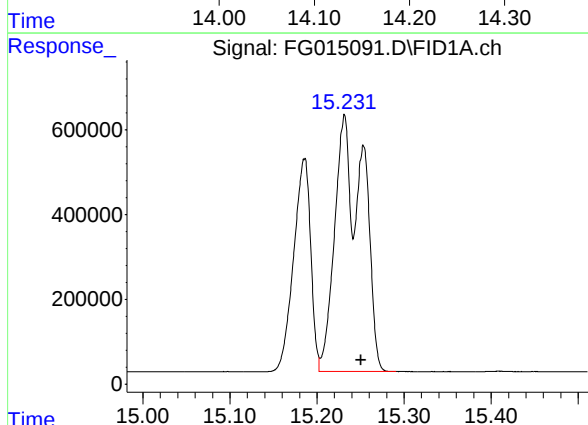
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: 0.003 min
Response: 6825375
Conc: 48.54 ug/ml

Instrument :
FID_G
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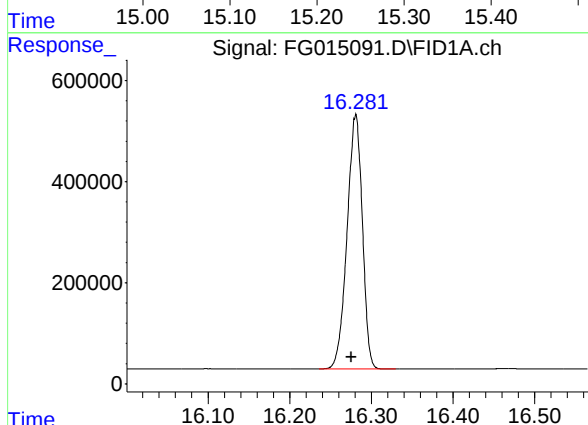
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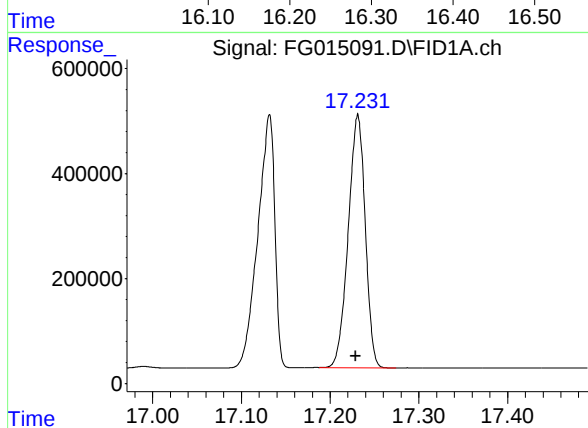
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.020 min
Response: 13522346
Conc: 97.15 ug/ml m



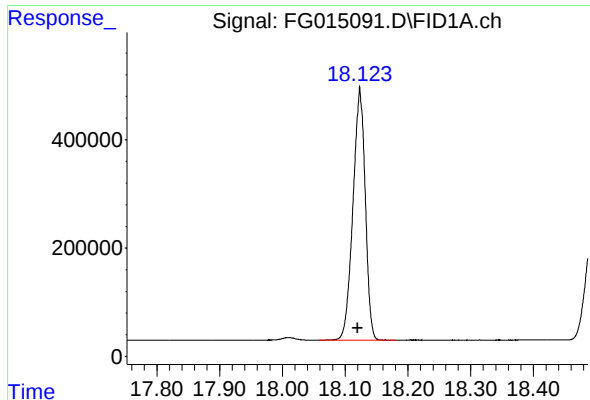
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 6552443
Conc: 48.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.003 min
Response: 6410143
Conc: 48.71 ug/ml



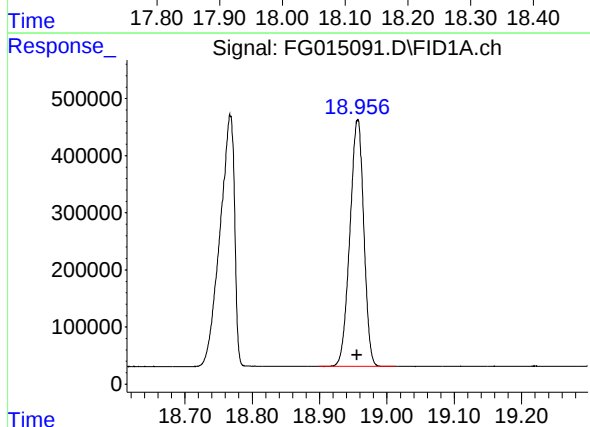
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.003 min
Response: 6323351
Conc: 47.67 ug/ml

Instrument :
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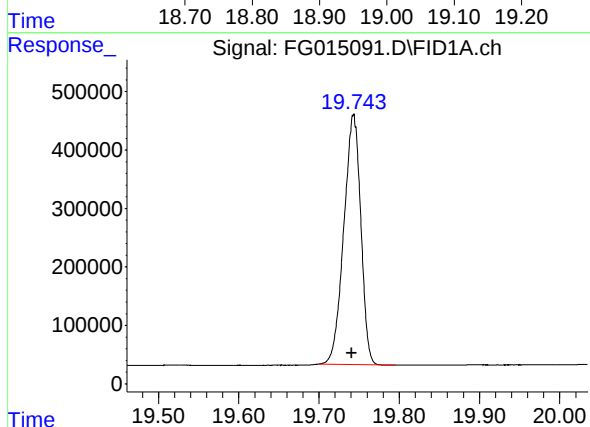
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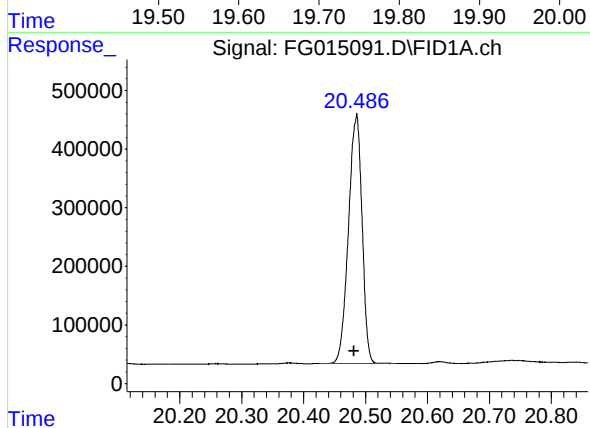
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.001 min
Response: 6205107
Conc: 49.20 ug/ml



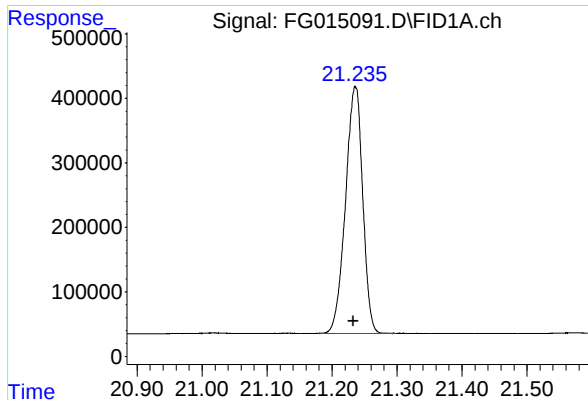
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.002 min
Response: 6280417
Conc: 57.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.004 min
Response: 6462908
Conc: 69.22 ug/ml



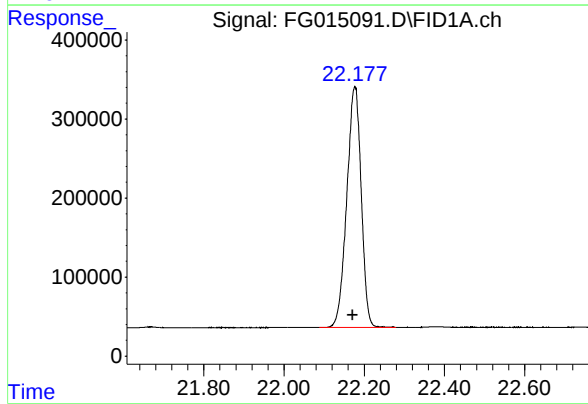
#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.003 min
Response: 7029075
Conc: 80.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.177 min
Delta R.T.: 0.005 min
Response: 7601045
Conc: 89.67 ug/ml