

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015702.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 14:09
 Operator : YP\AJ
 Sample : PB167646BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167646BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/21/2025

Supervised By :mohammad ahmed 04/22/2025

Integration File: autoint1.e

Quant Time: Apr 19 01:54:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Thu Apr 17 12:40:13 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)	11.903	6649088	45.864 ug/ml
Spiked Amount 50.000		Recovery =	91.73%
12) S 1-chlorooctadecane (S...	13.349	5221492	49.376 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
Target Compounds			
1) T n-Nonane (C9)	3.248	4060896	36.339 ug/ml
2) T n-Decane (C10)	4.506	4275678	38.130 ug/ml
3) T A~Naphthalene (C11.7)	6.216	5049638	43.524 ug/ml
4) T n-Dodecane (C12)	6.685	4643519	40.613 ug/ml
5) T A~2-methylnaphthalene...	7.319	4789879	43.025 ug/ml
6) T n-Tetradecane (C14)	8.524	5163532	45.312 ug/ml
7) T n-Hexadecane (C16)	10.137	5591218	47.817 ug/ml
8) T n-Octadecane (C18)	11.588	5801381	48.499 ug/ml
10) T n-Eicosane (C20)	12.902	6052456	50.863 ug/ml
11) T n-Heneicosane (C21)	13.516	5811462	49.132 ug/ml
13) T n-Docosane (C22)	14.104	5785249	49.609 ug/ml
14) T n-Tetracosane (C24)	15.198	11098859	96.304 ug/mlm
15) T n-Hexacosane (C26)	16.238	5606870	50.209 ug/ml
16) T n-Octacosane (C28)	17.188	5661302	52.019 ug/ml
17) T n-Tricontane (C30)	18.079	5358755	49.198 ug/ml
18) T n-Dotriacontane (C32)	18.912	5227662	48.592 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4988432	48.958 ug/ml
20) T n-Hexatriacontane (C36)	20.436	4649813	47.534 ug/ml
21) T n-Octatriacontane (C38)	21.179	4171946	45.707 ug/ml
22) T n-Tetracontane (C40)	22.102	3375468	39.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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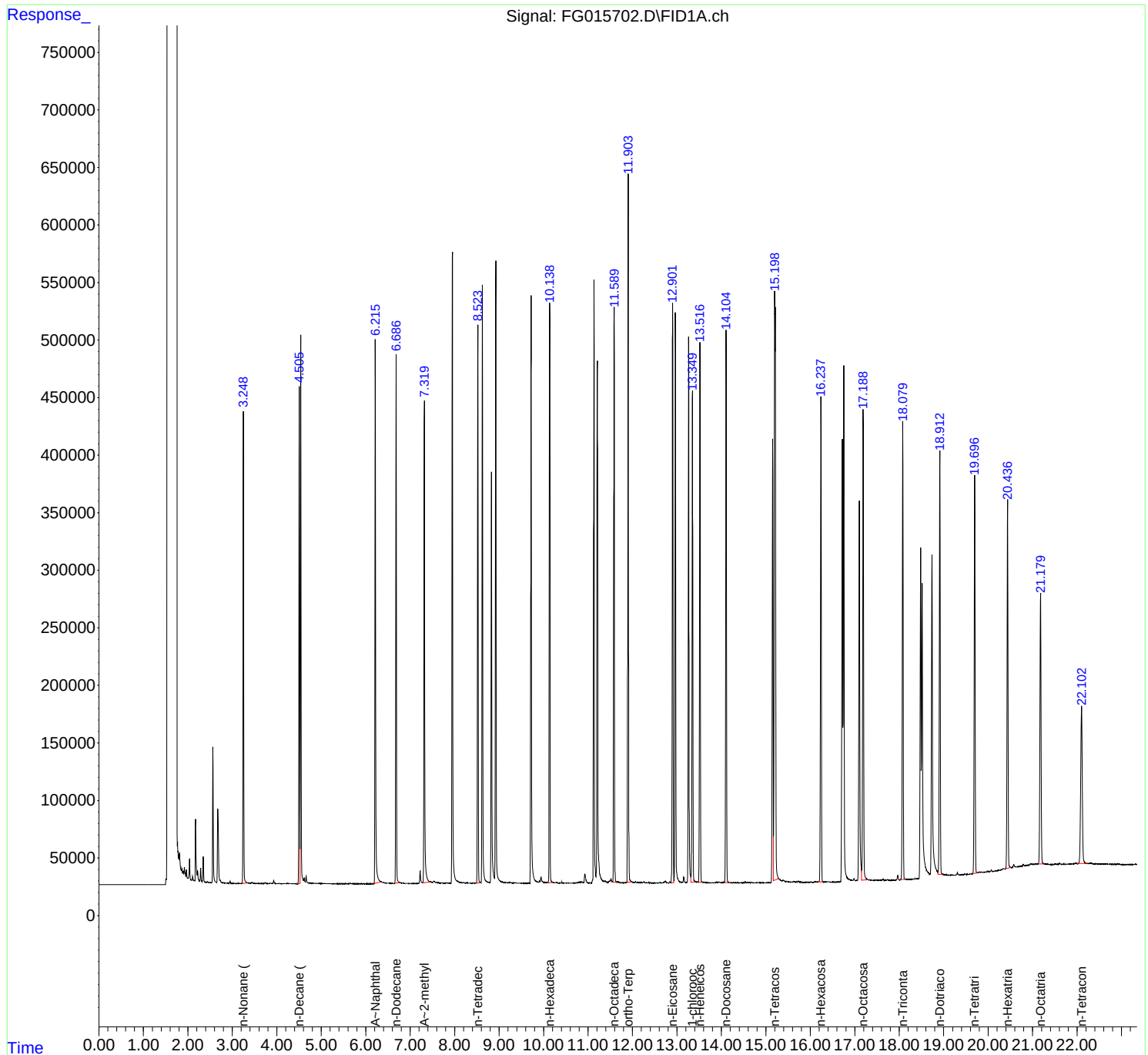
APPROVED

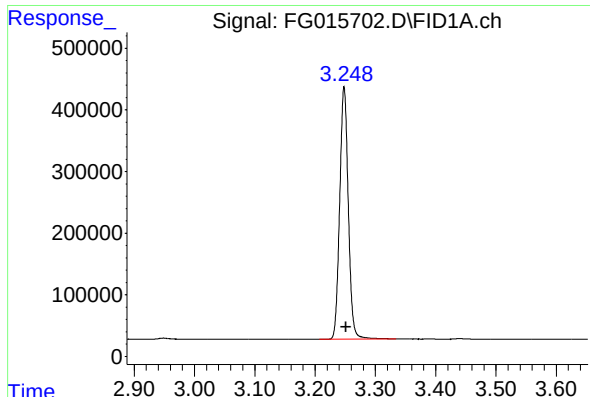
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Signal Info : 20M x 0.18mm x 0.18um





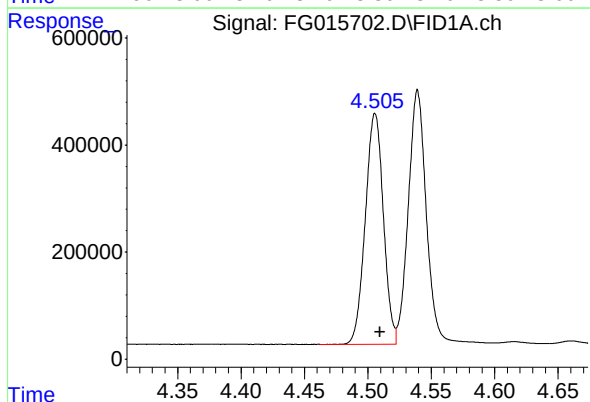
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 4060896
Conc: 36.34 ug/ml

Instrument :
FID_G
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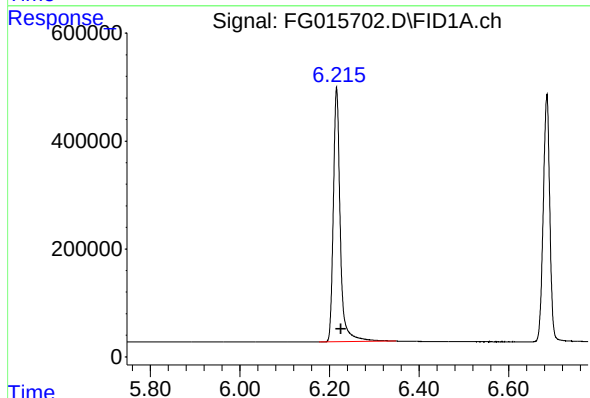
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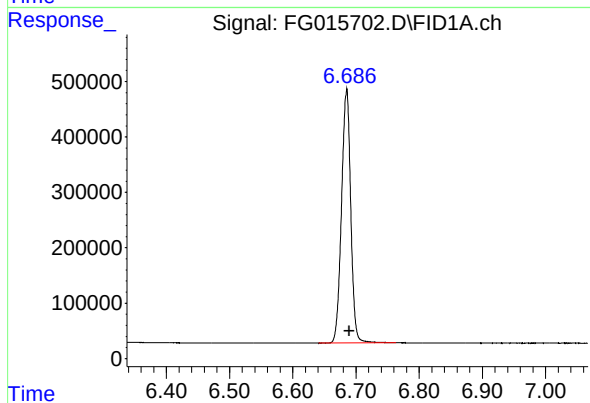
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 4275678
Conc: 38.13 ug/ml



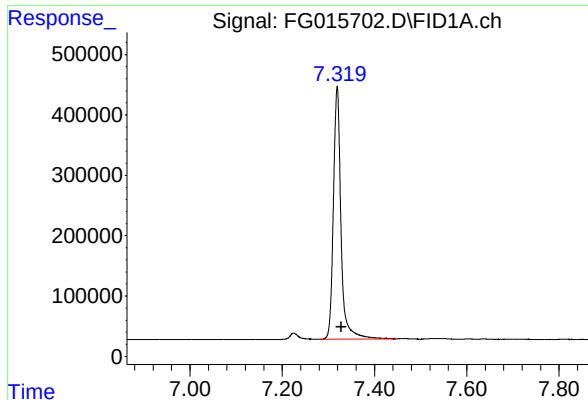
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.010 min
Response: 5049638
Conc: 43.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: -0.004 min
Response: 4643519
Conc: 40.61 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.009 min
Response: 4789879
Conc: 43.03 ug/ml

Instrument :

FID_G

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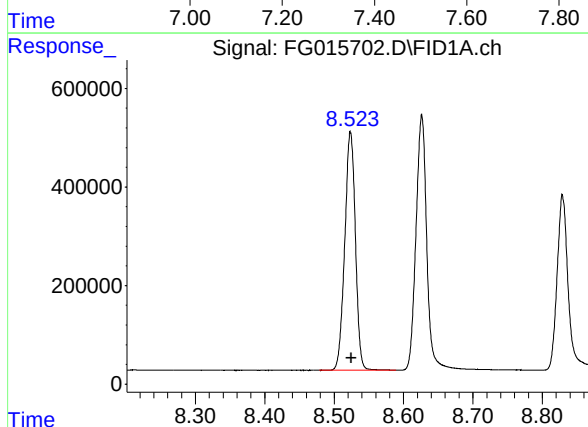
PB167646BS

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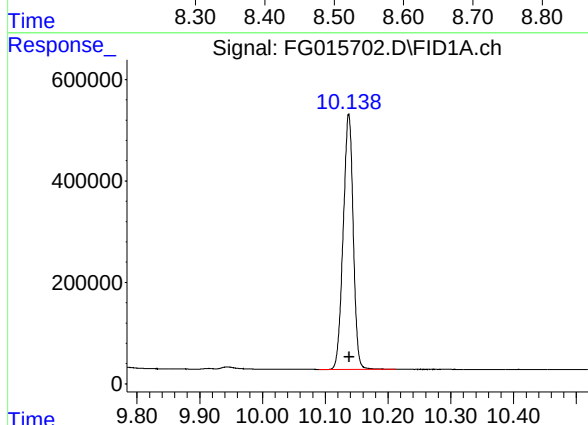
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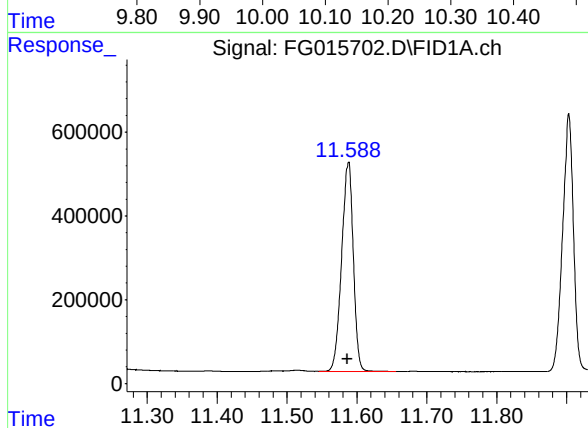
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.002 min
Response: 5163532
Conc: 45.31 ug/ml



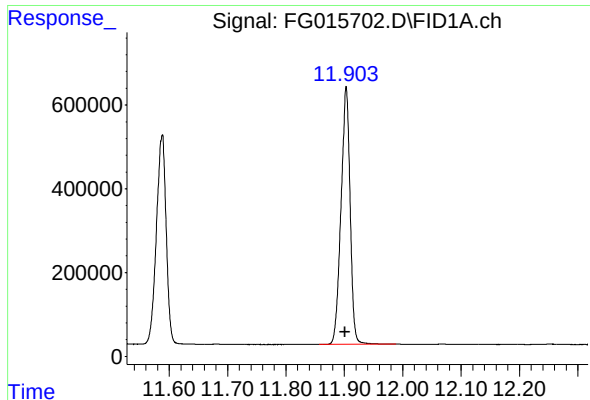
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.001 min
Response: 5591218
Conc: 47.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: 0.002 min
Response: 5801381
Conc: 48.50 ug/ml



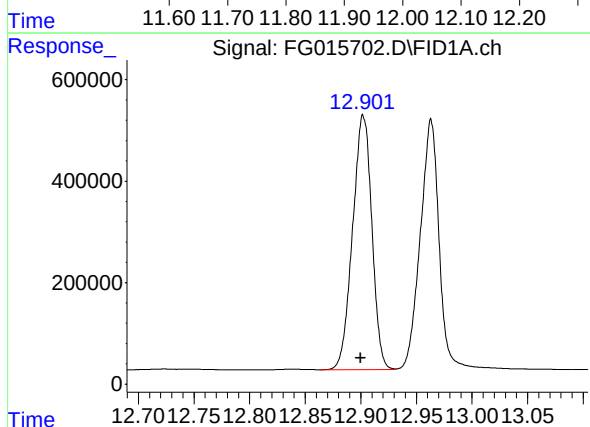
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: 0.002 min
Response: 6649088
Conc: 45.86 ug/ml

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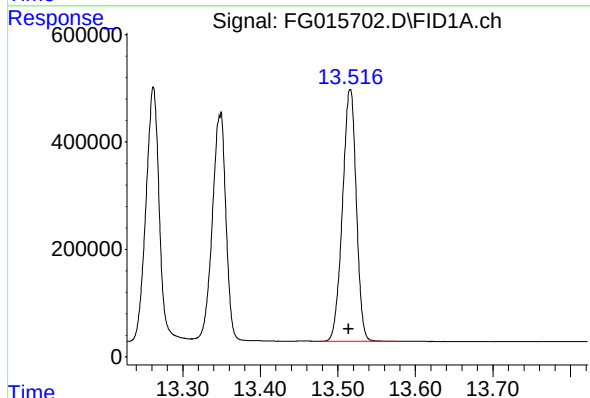
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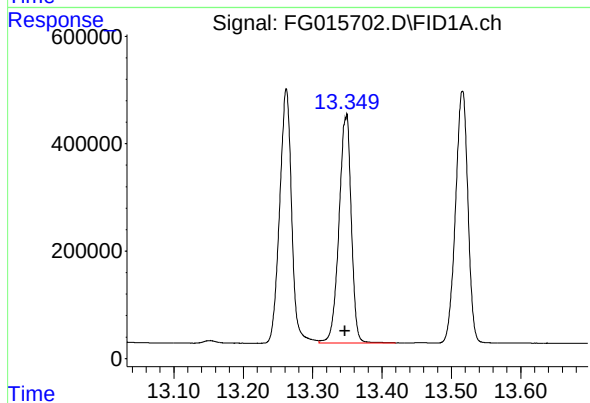
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.002 min
Response: 6052456
Conc: 50.86 ug/ml



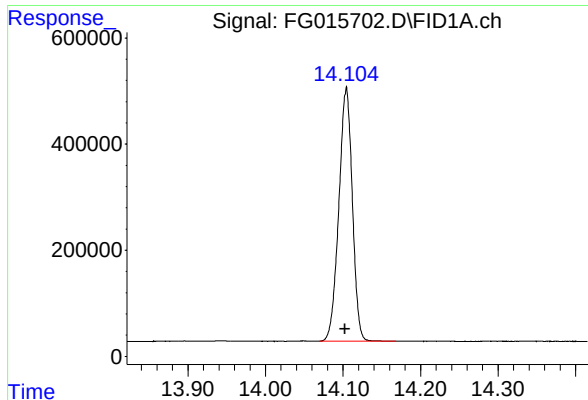
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.002 min
Response: 5811462
Conc: 49.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: 0.002 min
Response: 5221492
Conc: 49.38 ug/ml



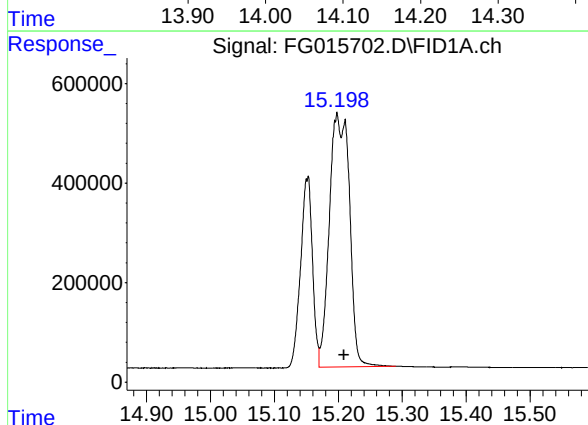
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.002 min
Response: 5785249
Conc: 49.61 ug/ml

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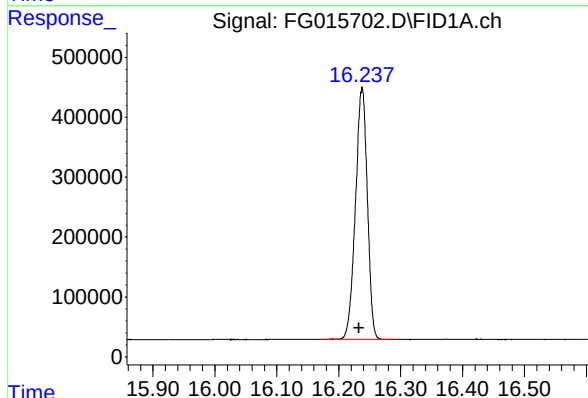
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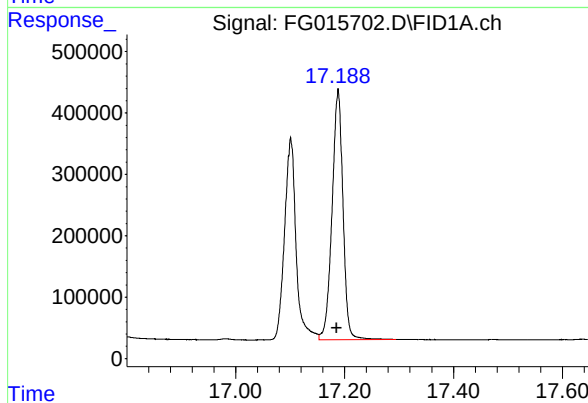
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.011 min
Response: 11098859
Conc: 96.30 ug/ml m



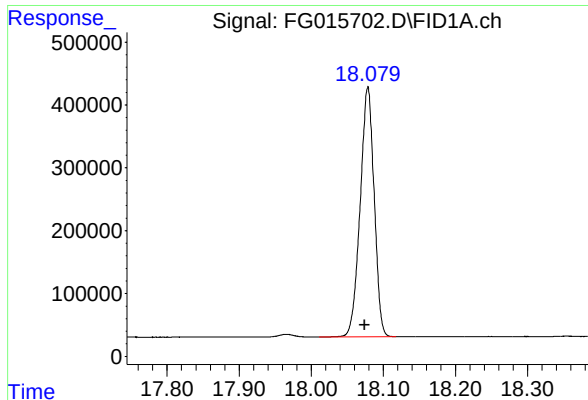
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.005 min
Response: 5606870
Conc: 50.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: 0.003 min
Response: 5661302
Conc: 52.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: 0.005 min
Response: 5358755
Conc: 49.20 ug/ml

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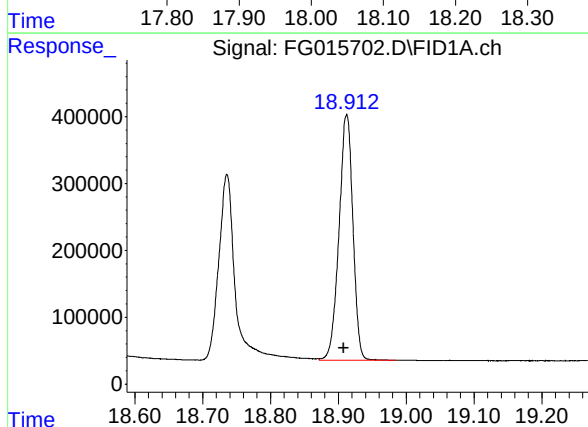
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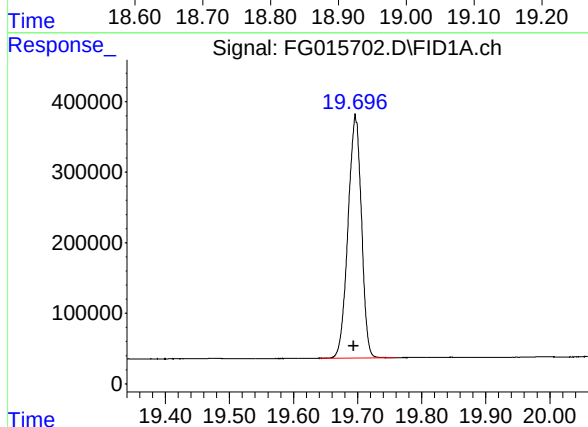
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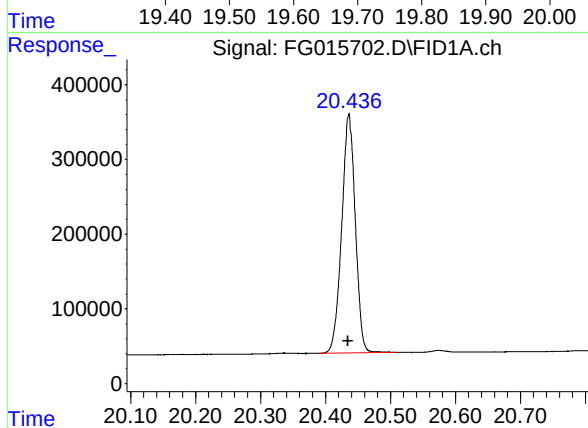
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.004 min
Response: 5227662
Conc: 48.59 ug/ml



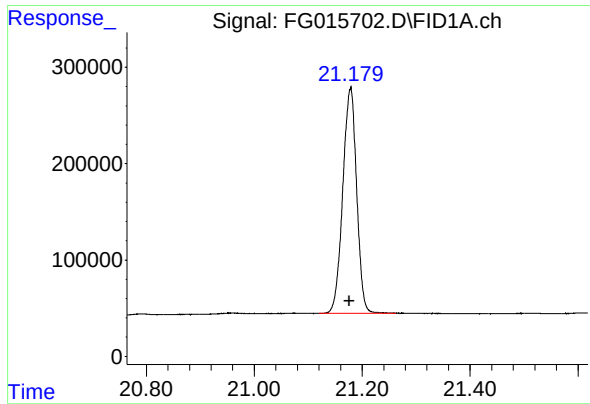
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.003 min
Response: 4988432
Conc: 48.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 4649813
Conc: 47.53 ug/ml



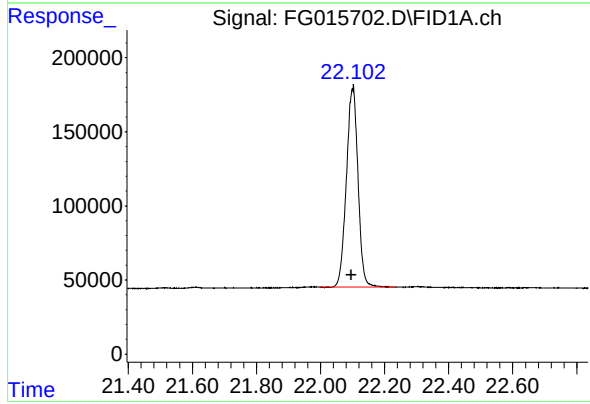
#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.003 min
Response: 4171946
Conc: 45.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.005 min
Response: 3375468
Conc: 39.97 ug/ml