

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015691.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 16:26
 Operator : YP\AJ
 Sample : PB167630BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167630BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e

Quant Time: Apr 18 01:25:18 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)	11.905	5717533	39.438 ug/ml
Spiked Amount 50.000		Recovery =	78.88%
12) S 1-chlorooctadecane (S...	13.348	4464441	42.217 ug/ml
Spiked Amount 50.000		Recovery =	84.43%
Target Compounds			
1) T n-Nonane (C9)	3.257	4284047	38.336 ug/ml
2) T n-Decane (C10)	4.513	4472657	39.886 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5089160	43.865 ug/ml
4) T n-Dodecane (C12)	6.690	4684401	40.970 ug/ml
5) T A~2-methylnaphthalene...	7.323	4648764	41.758 ug/ml
6) T n-Tetradecane (C14)	8.526	4847006	42.534 ug/ml
7) T n-Hexadecane (C16)	10.140	4898130	41.890 ug/ml
8) T n-Octadecane (C18)	11.588	4940443	41.301 ug/ml
10) T n-Eicosane (C20)	12.903	5106712	42.915 ug/ml
11) T n-Heneicosane (C21)	13.517	4880428	41.261 ug/ml
13) T n-Docosane (C22)	14.105	4838974	41.495 ug/ml
14) T n-Tetracosane (C24)	15.198	9531766	82.707 ug/mlm
15) T n-Hexacosane (C26)	16.238	4657344	41.706 ug/ml
16) T n-Octacosane (C28)	17.188	4688946	43.085 ug/ml
17) T n-Tricontane (C30)	18.078	4495178	41.270 ug/ml
18) T n-Dotriacontane (C32)	18.911	4434579	41.220 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4204127	41.261 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3892481	39.792 ug/ml
21) T n-Octatriacontane (C38)	21.178	3523345	38.601 ug/ml
22) T n-Tetracontane (C40)	22.097	3003680	35.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167630BSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

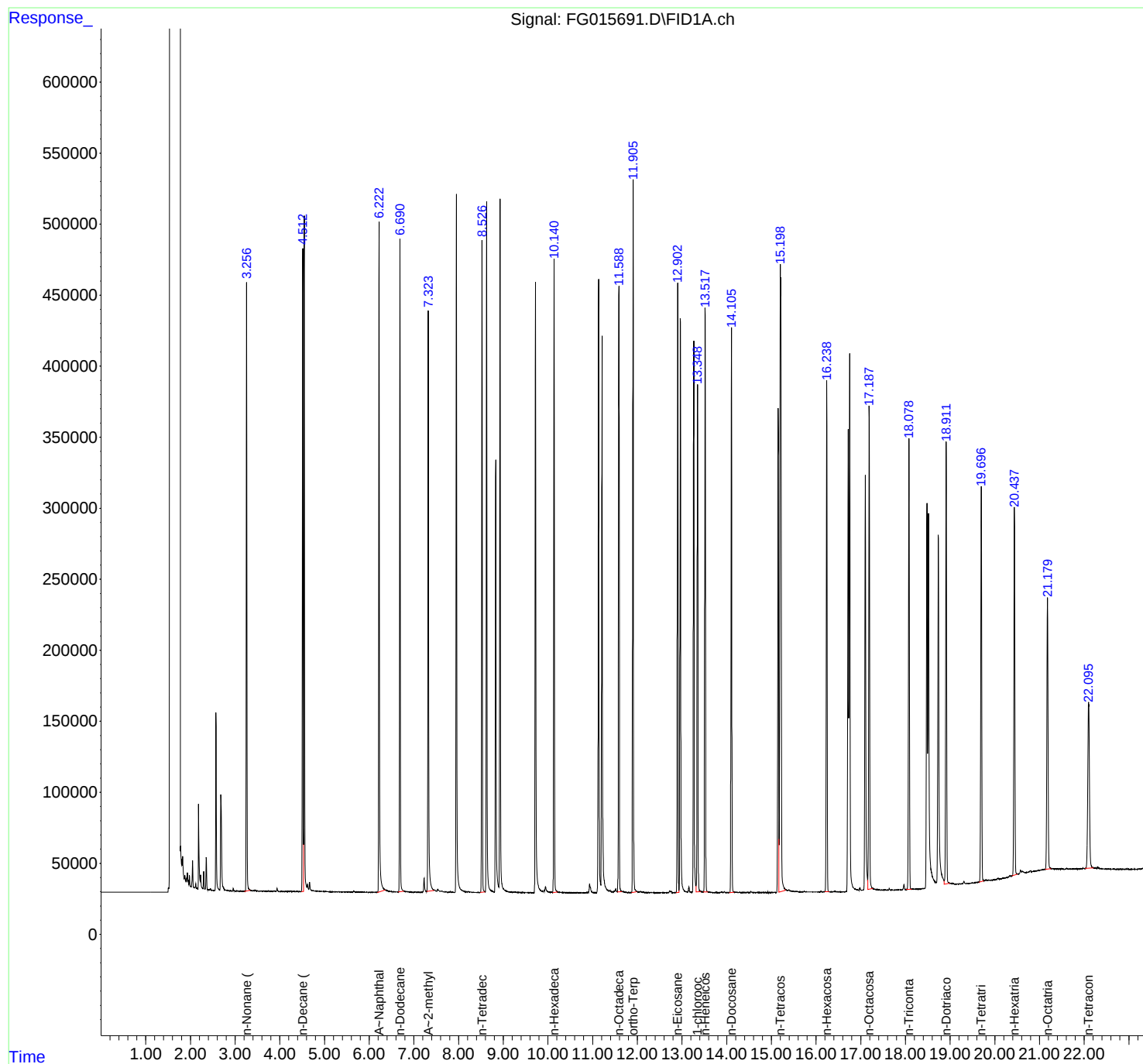
Instrument :
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PB167630BSD

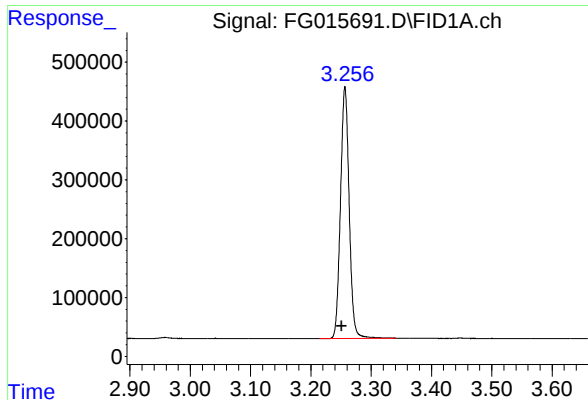
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Integration File: autoint1.e
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QLast Update : Thu Apr 17 12:40:13 2025
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.006 min
Response: 4284047
Conc: 38.34 ug/ml

Instrument :

FID_G

ClientSampleId :

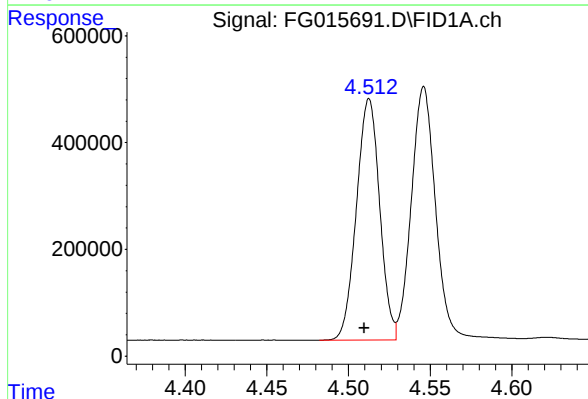
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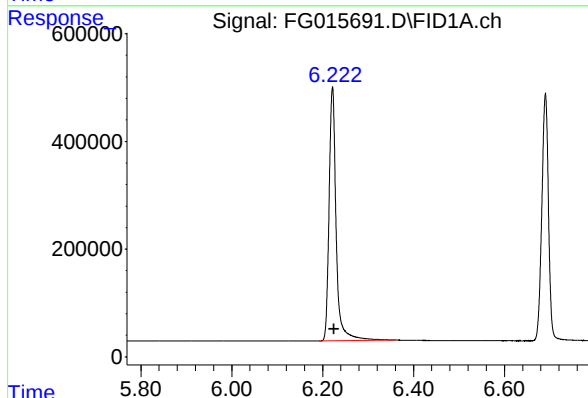
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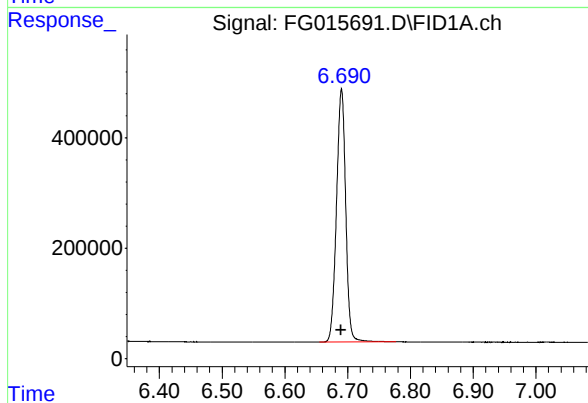
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 4472657
Conc: 39.89 ug/ml



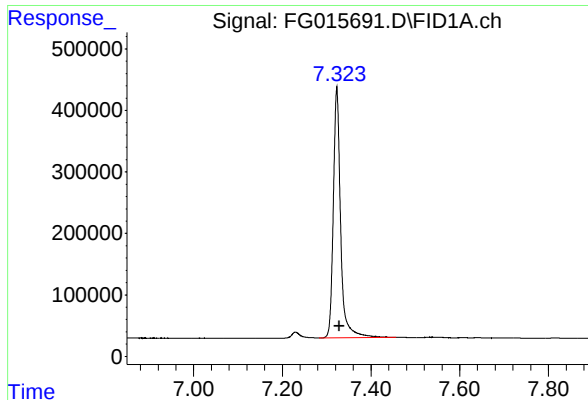
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 5089160
Conc: 43.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.001 min
Response: 4684401
Conc: 40.97 ug/ml



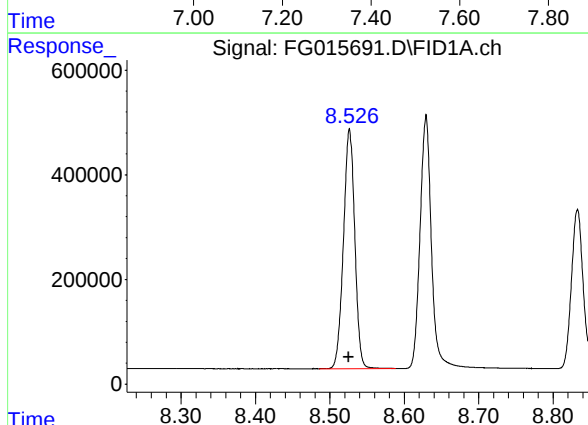
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 4648764
Conc: 41.76 ug/ml

Instrument :
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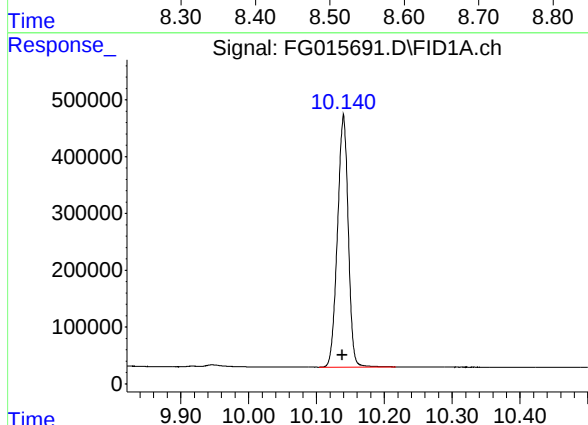
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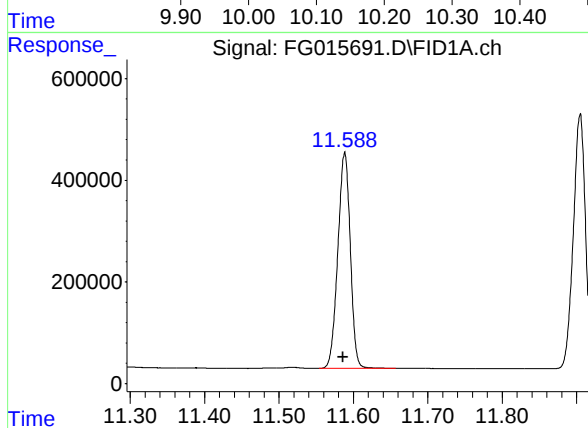
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.001 min
Response: 4847006
Conc: 42.53 ug/ml



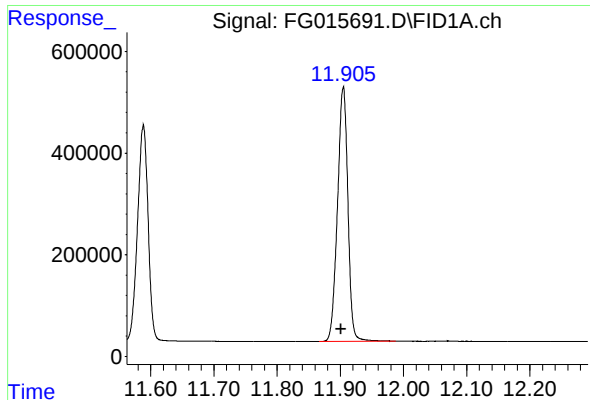
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: 0.001 min
Response: 4898130
Conc: 41.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: 0.002 min
Response: 4940443
Conc: 41.30 ug/ml



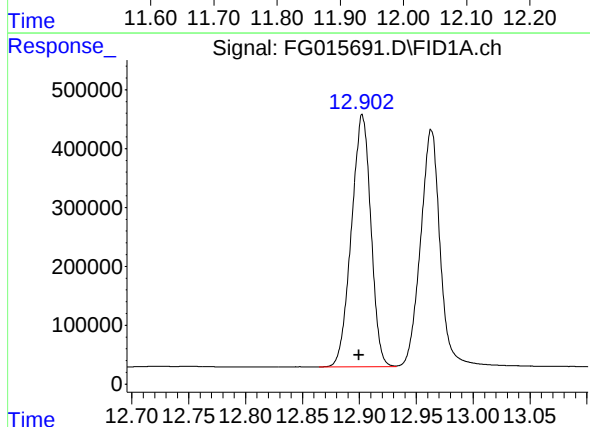
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: 0.004 min
Response: 5717533
Conc: 39.44 ug/ml

Instrument :
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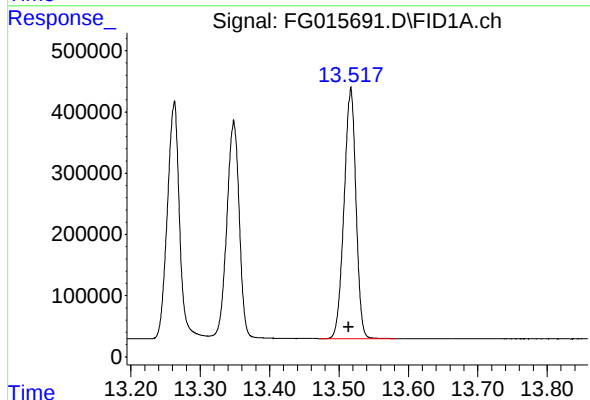
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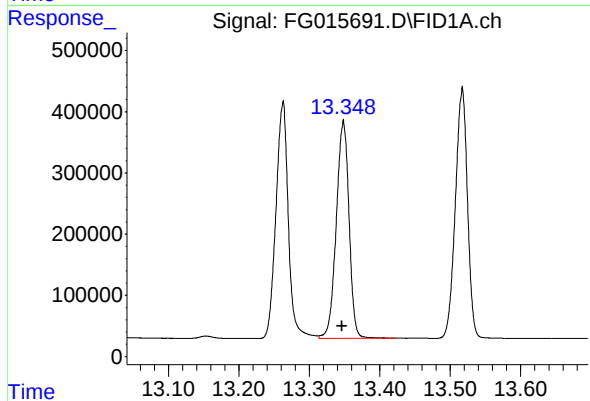
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: 0.003 min
Response: 5106712
Conc: 42.91 ug/ml



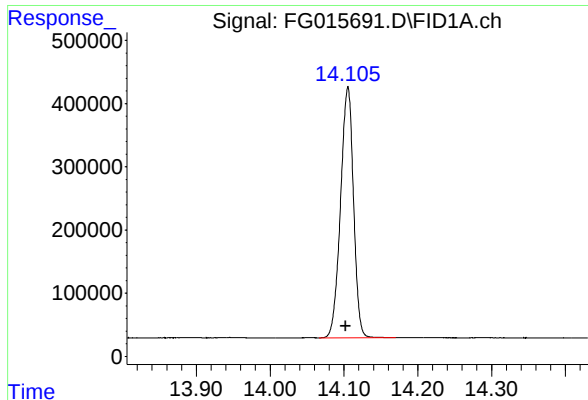
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.003 min
Response: 4880428
Conc: 41.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: 0.002 min
Response: 4464441
Conc: 42.22 ug/ml



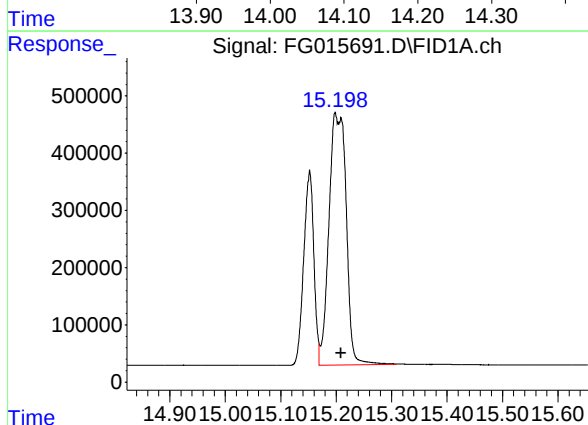
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: 0.003 min
Response: 4838974
Conc: 41.49 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167630BSD

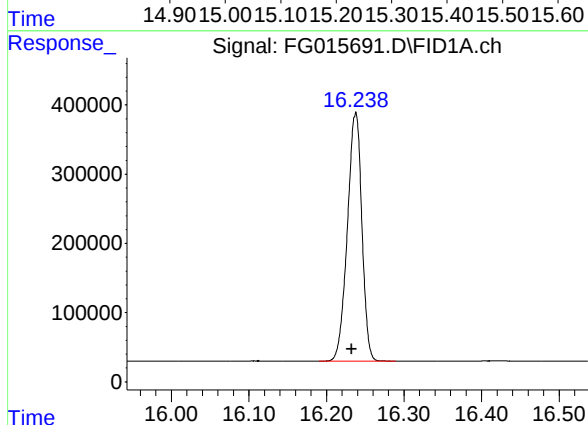
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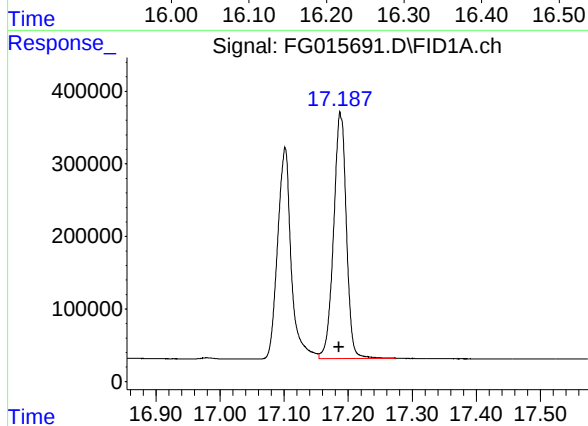
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.011 min
Response: 9531766
Conc: 82.71 ug/ml m



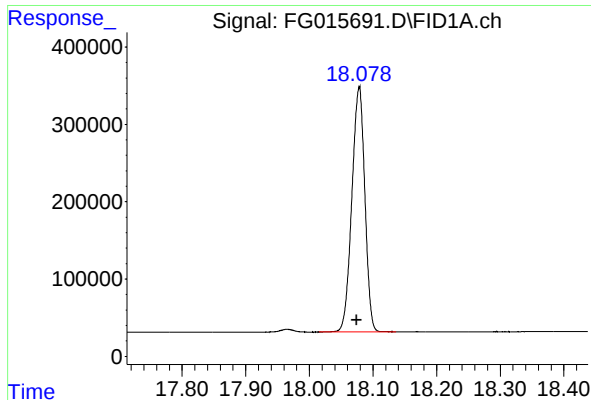
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.005 min
Response: 4657344
Conc: 41.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: 0.003 min
Response: 4688946
Conc: 43.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 4495178
Conc: 41.27 ug/ml

Instrument :

FID_G

ClientSampleId :

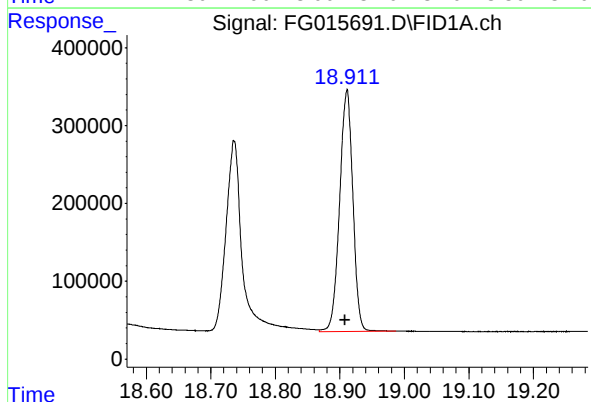
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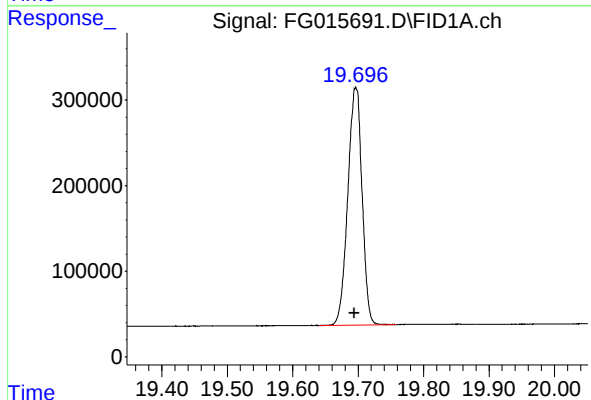
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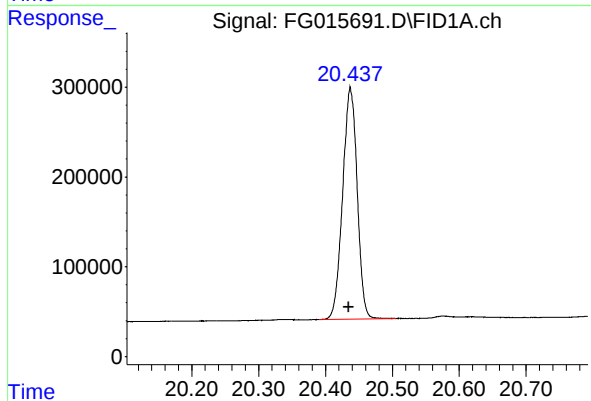
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.003 min
Response: 4434579
Conc: 41.22 ug/ml



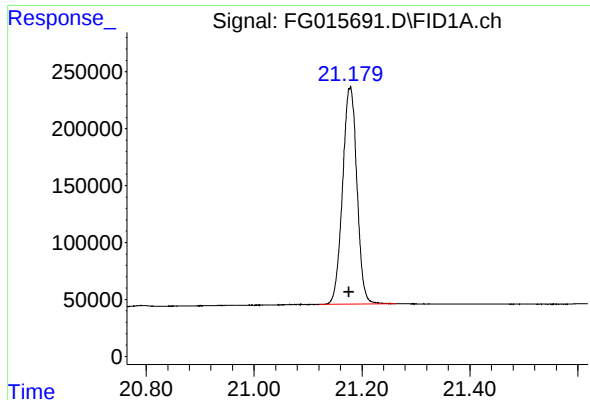
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.003 min
Response: 4204127
Conc: 41.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.003 min
Response: 3892481
Conc: 39.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.002 min
Response: 3523345
Conc: 38.60 ug/ml

Instrument :

FID_G

ClientSampleId :

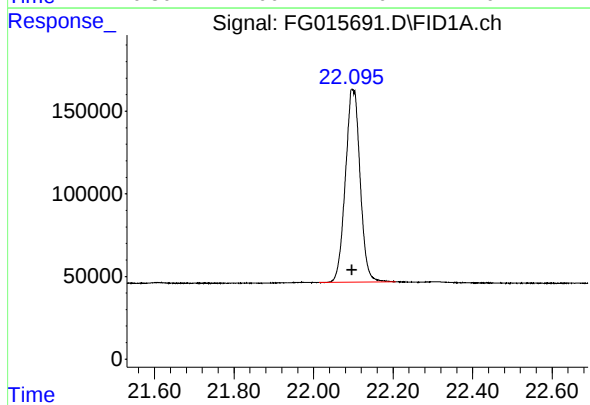
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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: 0.000 min
Response: 3003680
Conc: 35.57 ug/ml