

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049032.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 20:21
 Operator : YP/AJ
 Sample : Q1236-07MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

5MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Feb 03 06:07:53 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 05:57:24 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)	11.241	4956914	25.671 ug/ml
Spiked Amount 50.000		Recovery =	51.34%
12) S 1-chlorooctadecane (S...	12.683	3635775	24.770 ug/ml
Spiked Amount 50.000		Recovery =	49.54%
Target Compounds			
1) T n-Nonane (C9)	3.123	6386501	39.935 ug/ml
2) T n-Decane (C10)	4.159	6608326	40.528 ug/ml
3) T A~Naphthalene (C11.7)	5.700	7621936	44.601 ug/ml
4) T n-Dodecane (C12)	6.146	6720854	40.580 ug/ml
5) T A~2-methylnaphthalene...	6.745	7477058	46.385 ug/ml
6) T n-Tetradecane (C14)	7.926	6848010	41.423 ug/ml
7) T n-Hexadecane (C16)	9.514	6778006	39.310 ug/ml
8) T n-Octadecane (C18)	10.947	6792395	38.522 ug/ml
10) T n-Eicosane (C20)	12.249	7003551	40.693 ug/ml
11) T n-Heneicosane (C21)	12.856	6800260	39.936 ug/ml
13) T n-Docosane (C22)	13.439	6574991	38.666 ug/ml
14) T n-Tetracosane (C24)	14.481	13437901	78.877 ug/mlm
15) T n-Hexacosane (C26)	15.552	6267322	37.418 ug/ml
16) T n-Octacosane (C28)	16.496	6262613	37.647 ug/ml
17) T n-Tricontane (C30)	17.381	6232685	36.310 ug/ml
18) T n-Dotriacontane (C32)	18.207	6105173	37.345 ug/ml
19) T n-Tetratriacontane (C34)	18.985	6115266	43.894 ug/ml
20) T n-Hexatriacontane (C36)	19.723	5553418	48.295 ug/ml
21) T n-Octatriacontane (C38)	20.420	5778897	55.770 ug/ml
22) T n-Tetracontane (C40)	21.195	5294158	55.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q1236-07MS
Misc :
ALS Vial : 69 Sample Multiplier: 1

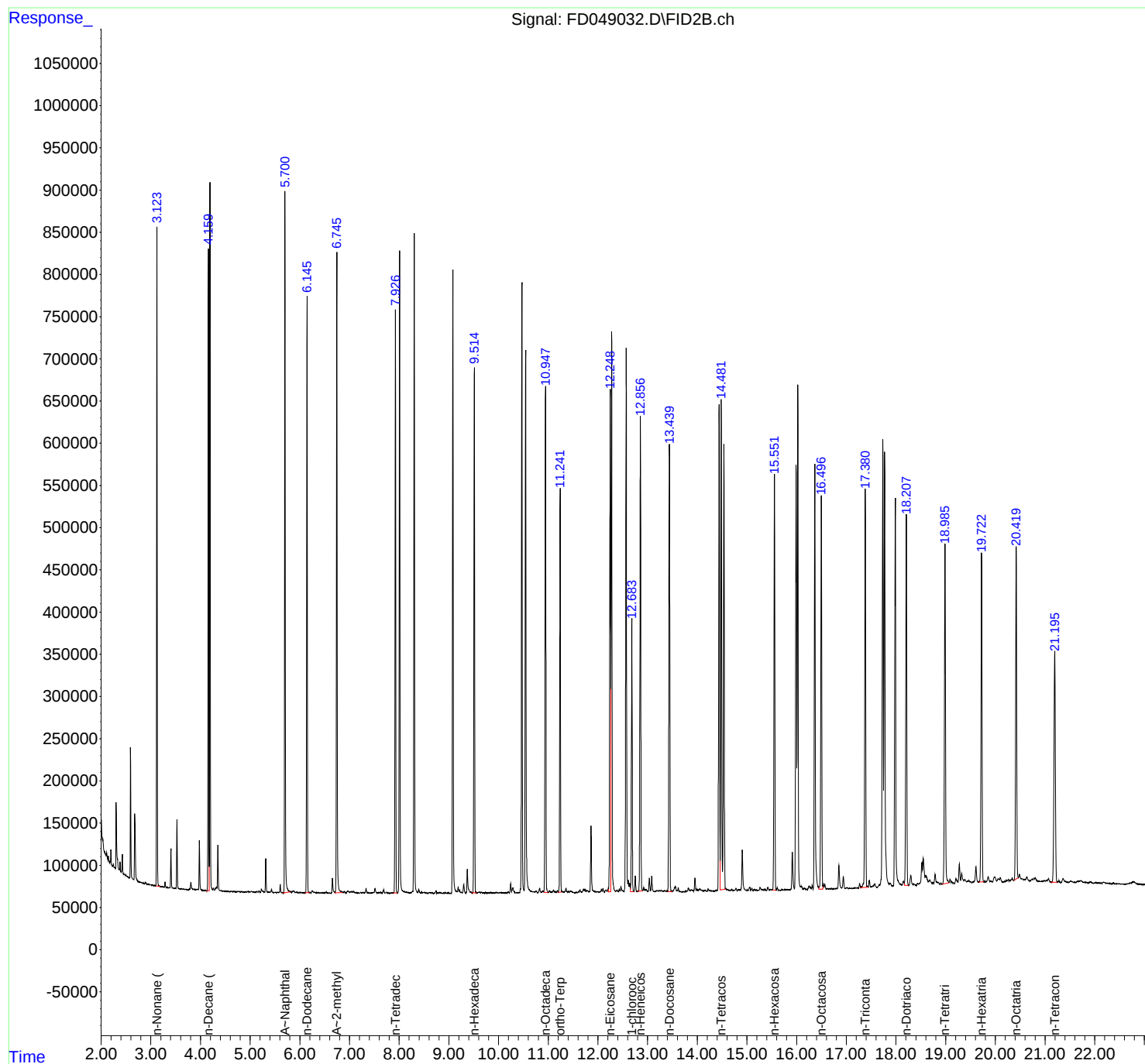
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5MS

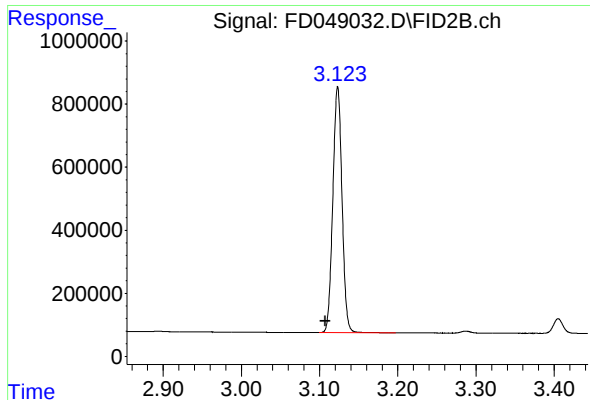
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Integration File: autoint1.e
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Quant Title : GC Extractables
QLast Update : Sat Jan 25 05:57:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





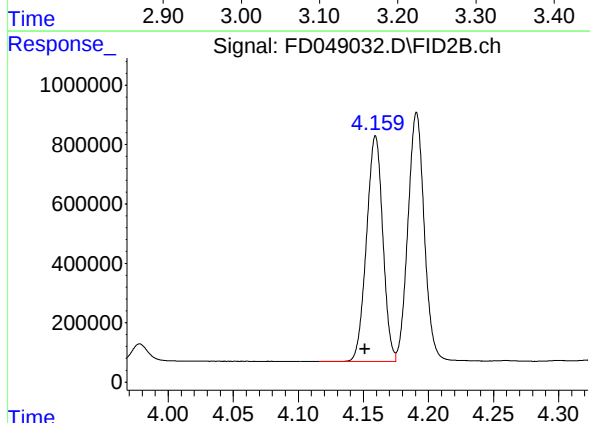
#1 n-Nonane (C9)

R.T.: 3.123 min
Delta R.T.: 0.016 min
Response: 6386501
Conc: 39.93 ug/ml

Instrument :
FID_D
ClientSampleId :
SMS

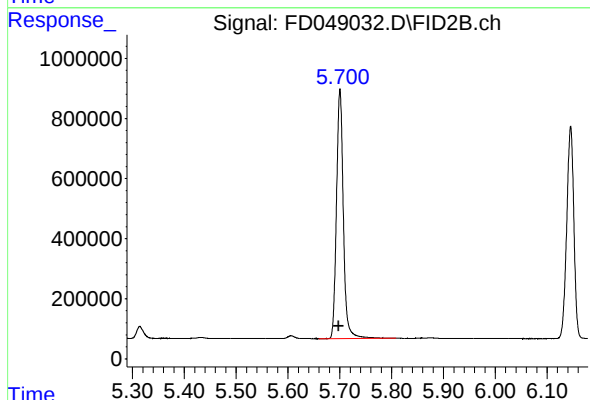
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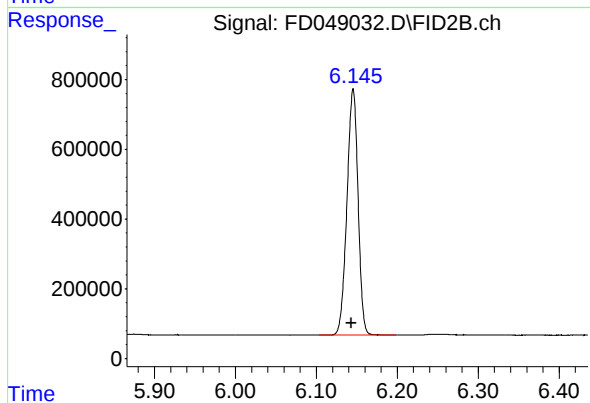
#2 n-Decane (C10)

R.T.: 4.159 min
Delta R.T.: 0.008 min
Response: 6608326
Conc: 40.53 ug/ml



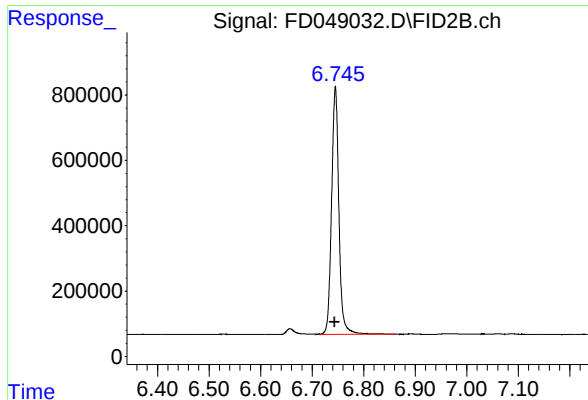
#3 A~Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 7621936
Conc: 44.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 6720854
Conc: 40.58 ug/ml



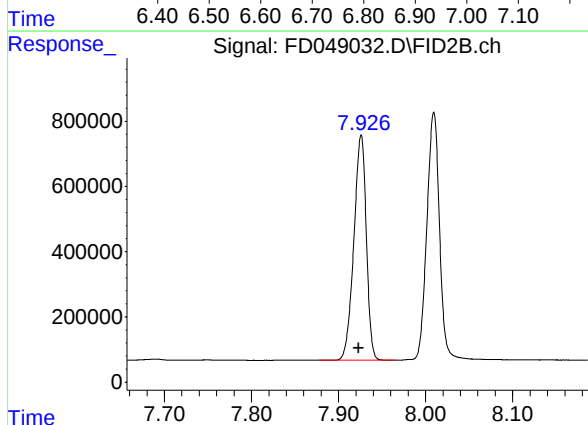
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 7477058
Conc: 46.38 ug/ml

Instrument :
FID_D
ClientSampleId :
SMS

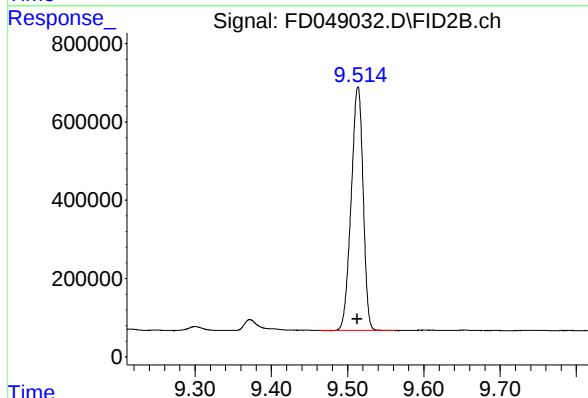
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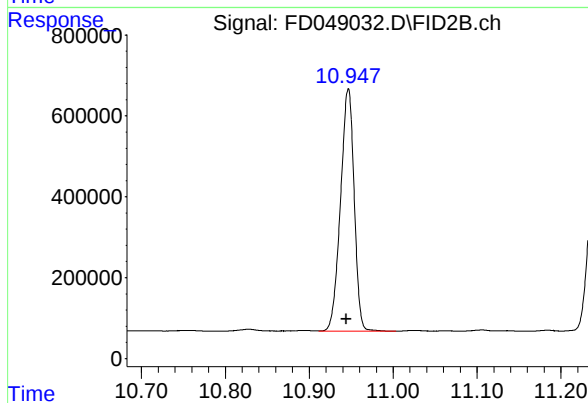
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: 0.003 min
Response: 6848010
Conc: 41.42 ug/ml



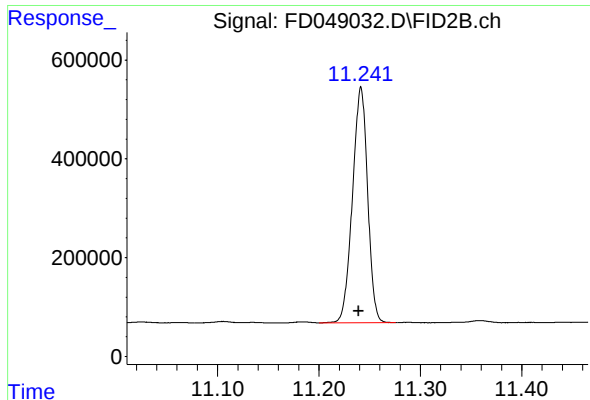
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 6778006
Conc: 39.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.947 min
Delta R.T.: 0.002 min
Response: 6792395
Conc: 38.52 ug/ml



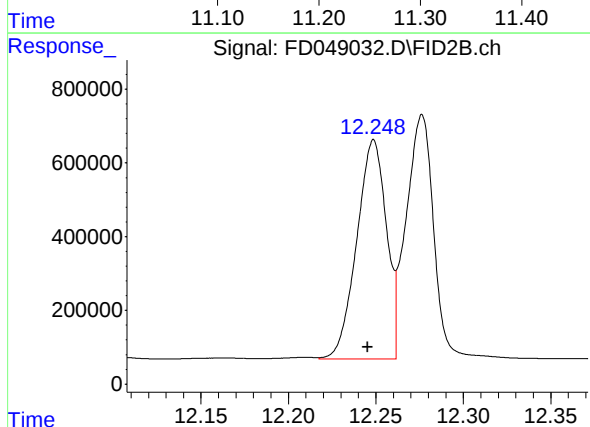
#9 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: 0.002 min
Response: 4956914
Conc: 25.67 ug/ml

Instrument :
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ClientSampleId :
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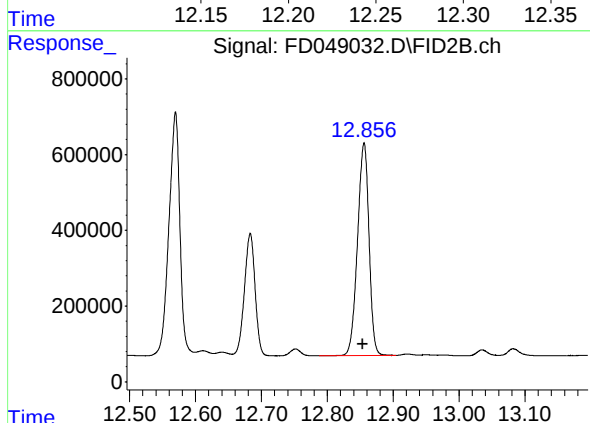
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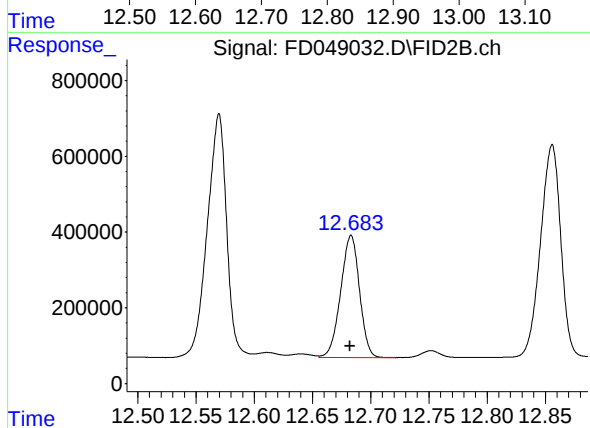
#10 n-Eicosane (C20)

R.T.: 12.249 min
Delta R.T.: 0.003 min
Response: 7003551
Conc: 40.69 ug/ml



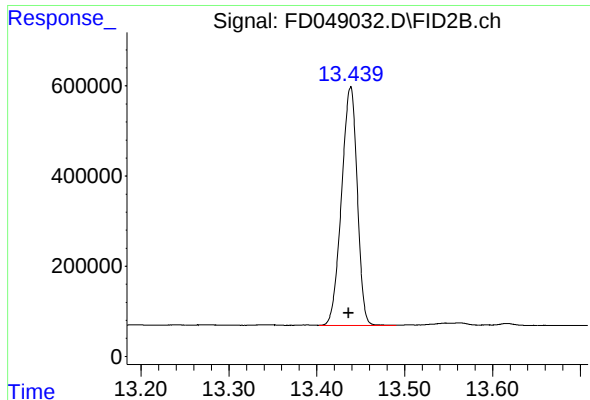
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.002 min
Response: 6800260
Conc: 39.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 3635775
Conc: 24.77 ug/ml



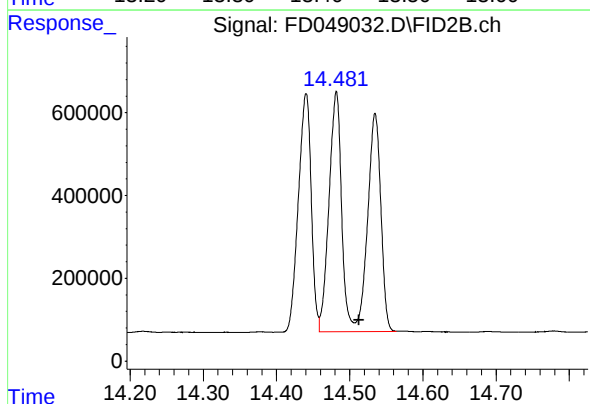
#13 n-Docosane (C22)

R.T.: 13.439 min
Delta R.T.: 0.003 min
Response: 6574991
Conc: 38.67 ug/ml

Instrument :
FID_D
ClientSampleId :
SMS

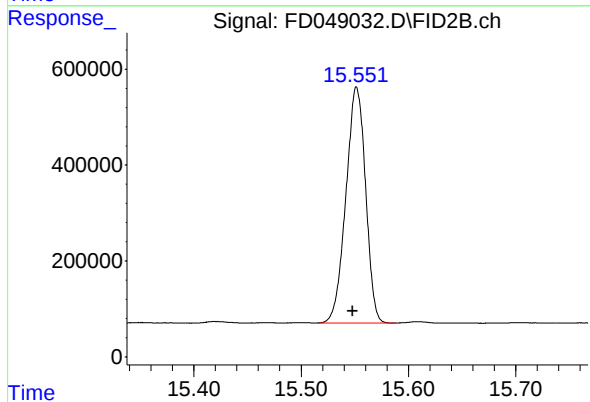
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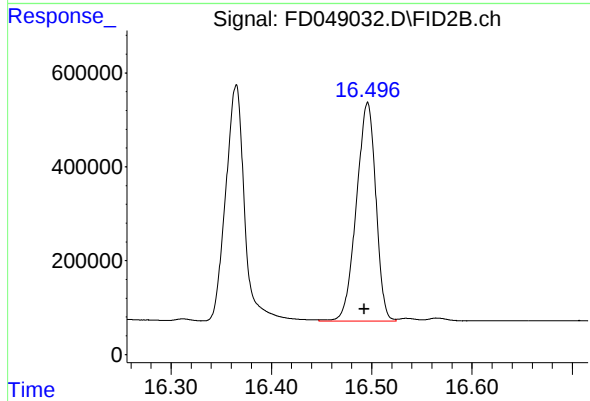
#14 n-Tetracosane (C24)

R.T.: 14.481 min
Delta R.T.: -0.032 min
Response: 13437901
Conc: 78.88 ug/ml



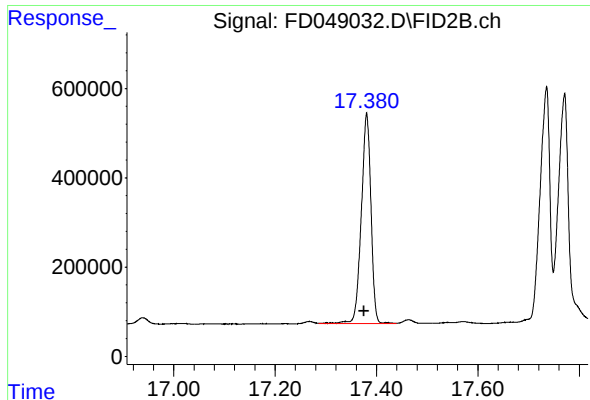
#15 n-Hexacosane (C26)

R.T.: 15.552 min
Delta R.T.: 0.004 min
Response: 6267322
Conc: 37.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.496 min
Delta R.T.: 0.003 min
Response: 6262613
Conc: 37.65 ug/ml



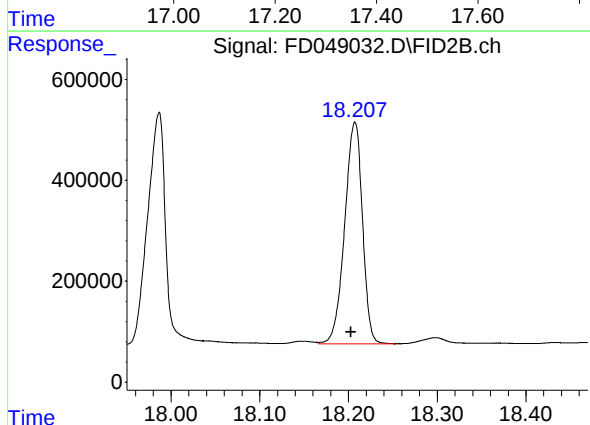
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.006 min
Response: 6232685
Conc: 36.31 ug/ml

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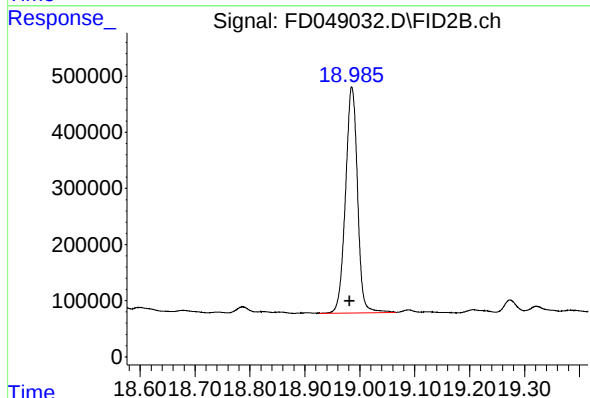
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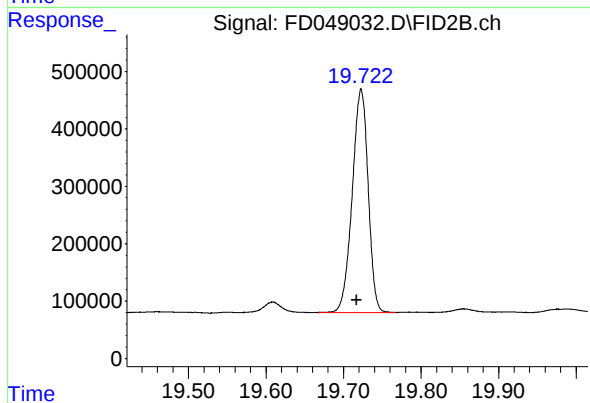
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.005 min
Response: 6105173
Conc: 37.34 ug/ml



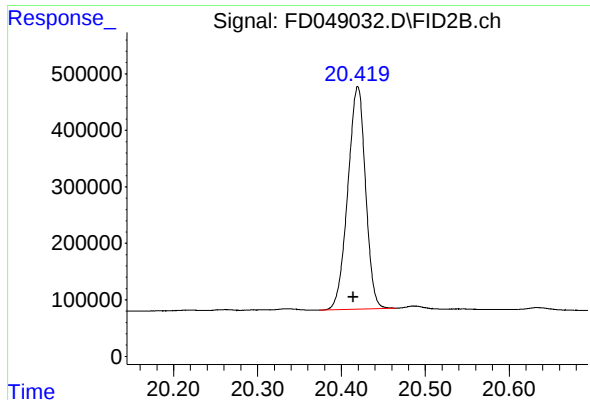
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min
Delta R.T.: 0.004 min
Response: 6115266
Conc: 43.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.723 min
Delta R.T.: 0.006 min
Response: 5553418
Conc: 48.30 ug/ml



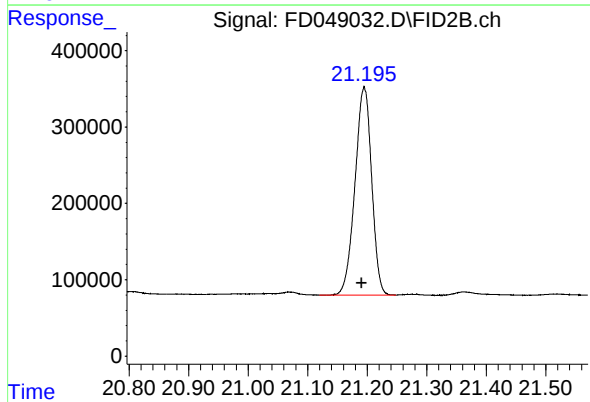
#21 n-Octatriacontane (C38)

R.T.: 20.420 min
Delta R.T.: 0.005 min
Response: 5778897
Conc: 55.77 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: 0.005 min
Response: 5294158
Conc: 55.24 ug/ml