

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AL\
 Data File : FD048495.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 15:24
 Operator : YP/AJ
 Sample : P4190-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TP-TMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e

Quant Time: Oct 15 10:32:21 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M

Quant Title : GC Extractables

QLast Update : Thu Oct 10 14:48:19 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)	11.265	6536716	32.944 ug/ml
Spiked Amount 50.000		Recovery =	65.89%
12) S 1-chlorooctadecane (S...	12.708	5178539	34.617 ug/ml
Spiked Amount 50.000		Recovery =	69.23%
Target Compounds			
1) T n-Nonane (C9)	3.131	6622511	39.431 ug/ml
2) T n-Decane (C10)	4.174	7510475	43.277 ug/ml
3) T A~Naphthalene (C11.7)	5.719	8578425	45.405 ug/ml
4) T n-Dodecane (C12)	6.166	8017790	45.795 ug/ml
5) T A~2-methylnaphthalene...	6.765	8148927	45.267 ug/ml
6) T n-Tetradecane (C14)	7.949	8952678	51.310 ug/ml
7) T n-Hexadecane (C16)	9.538	9773911	54.234 ug/ml
8) T n-Octadecane (C18)	10.971	10188197	56.122 ug/ml
10) T n-Eicosane (C20)	12.274	10814522	62.003 ug/ml
11) T n-Heneicosane (C21)	12.882	9927848	58.027 ug/ml
13) T n-Docosane (C22)	13.464	9767632	57.195 ug/ml
14) T n-Tetracosane (C24)	14.562	9757982	57.610 ug/ml
15) T n-Hexacosane (C26)	15.579	9242545	55.837 ug/ml
16) T n-Octacosane (C28)	16.521	9030862	54.853 ug/ml
17) T n-Tricontane (C30)	17.406	8797139	51.312 ug/ml
18) T n-Dotriacontane (C32)	18.231	8693099	51.956 ug/ml
19) T n-Tetratriacontane (C34)	19.010	8342555	57.824 ug/ml
20) T n-Hexatriacontane (C36)	19.747	8002625	66.653 ug/ml
21) T n-Octatriacontane (C38)	20.444	7993599	71.385 ug/ml
22) T n-Tetracontane (C40)	21.225	7698014	76.896 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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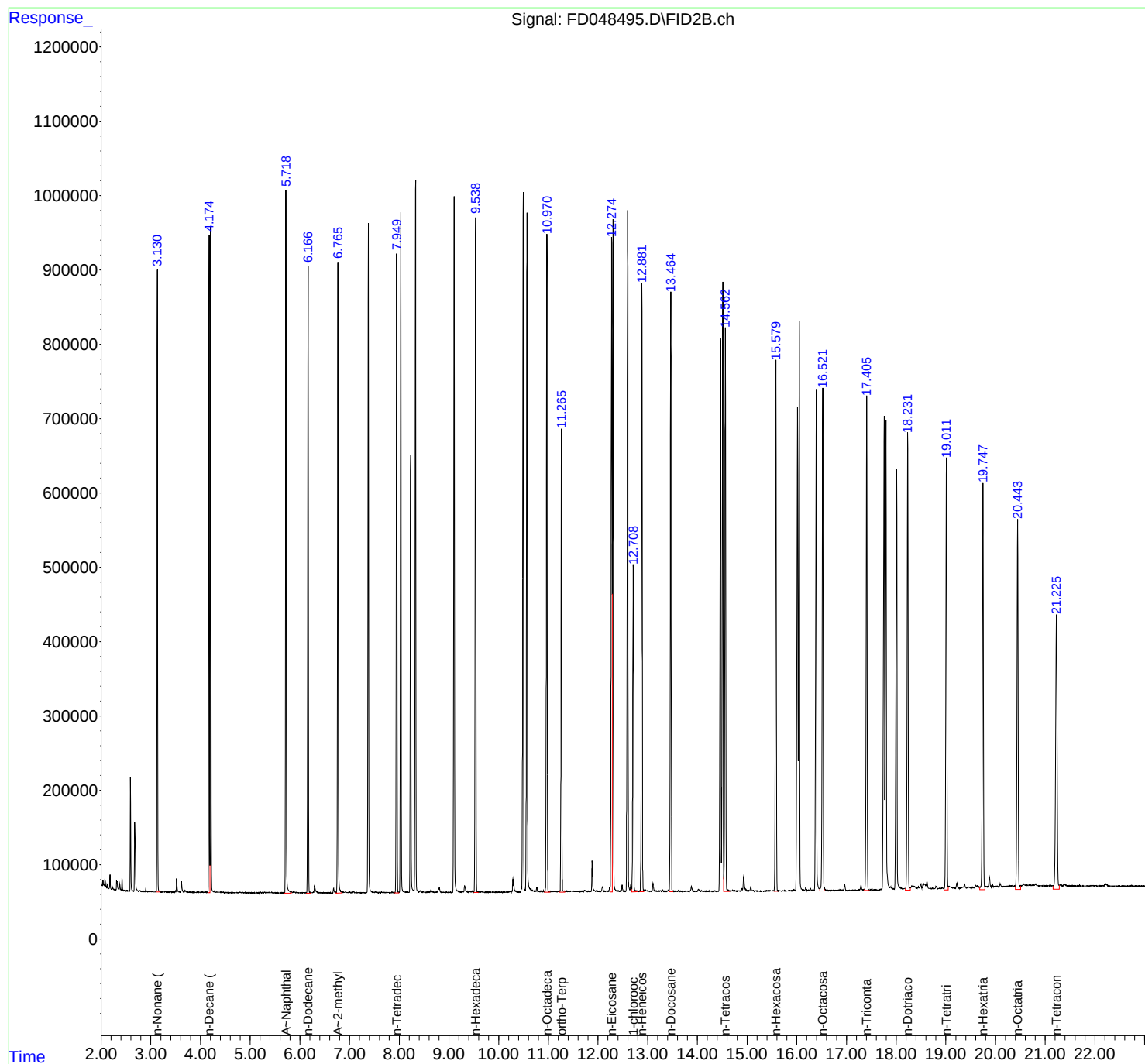
Instrument :
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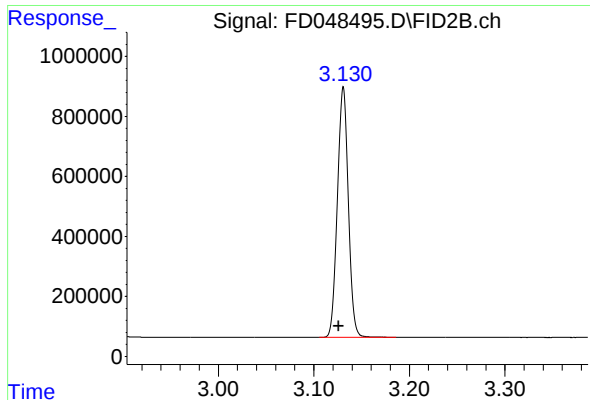
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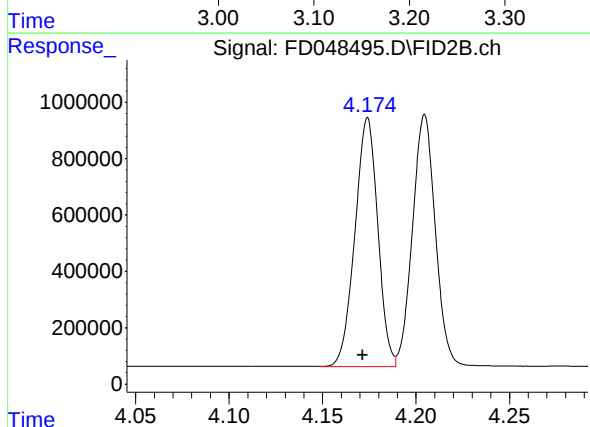
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: 0.005 min
Response: 6622511
Conc: 39.43 ug/ml

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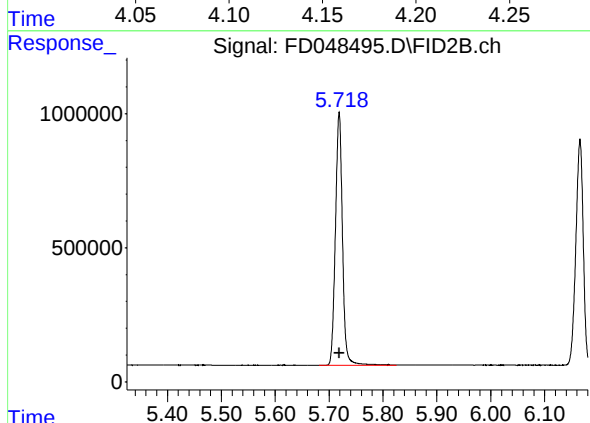
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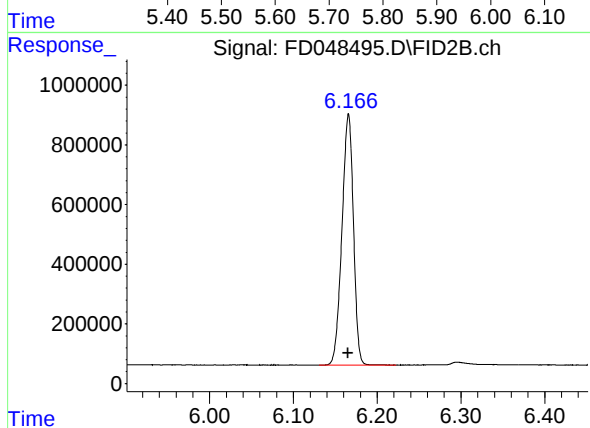
#2 n-Decane (C10)

R.T.: 4.174 min
Delta R.T.: 0.003 min
Response: 7510475
Conc: 43.28 ug/ml



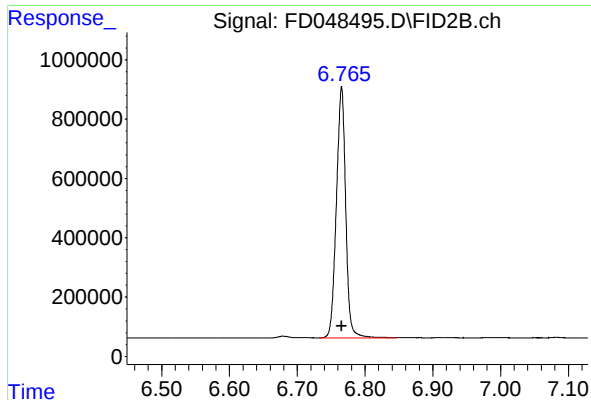
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 8578425
Conc: 45.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 8017790
Conc: 45.80 ug/ml



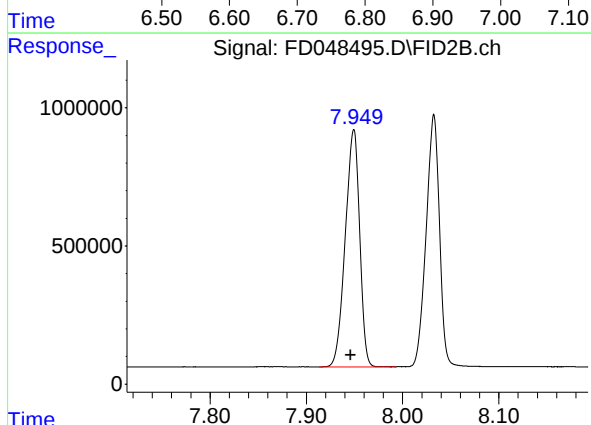
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 8148927
Conc: 45.27 ug/ml

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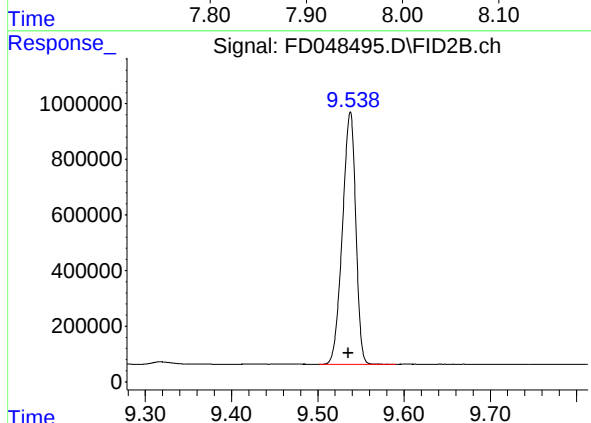
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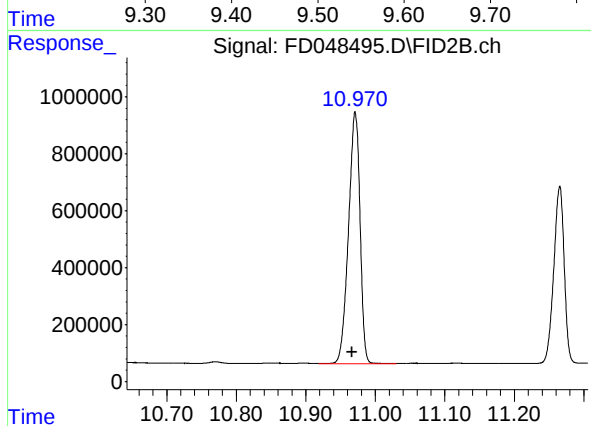
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 8952678
Conc: 51.31 ug/ml



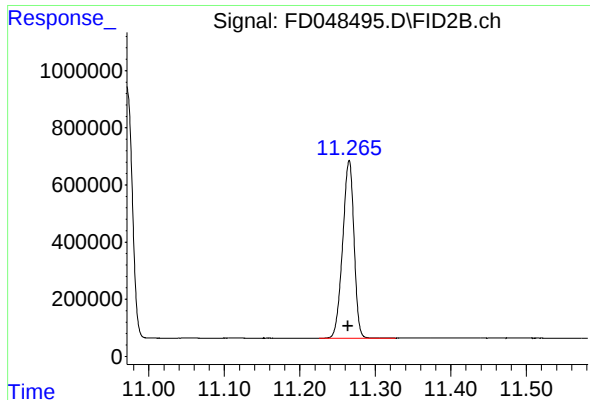
#7 n-Hexadecane (C16)

R.T.: 9.538 min
Delta R.T.: 0.003 min
Response: 9773911
Conc: 54.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.971 min
Delta R.T.: 0.004 min
Response: 10188197
Conc: 56.12 ug/ml



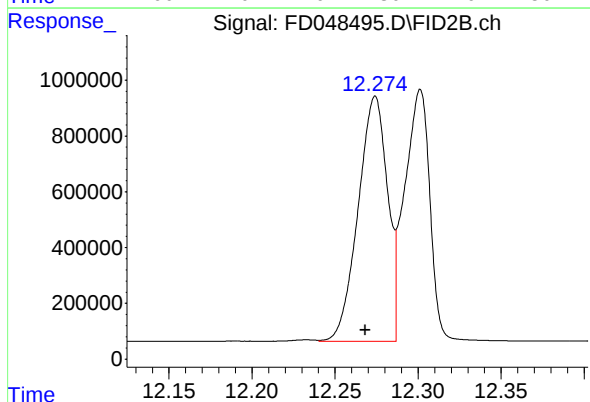
#9 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 6536716
Conc: 32.94 ug/ml

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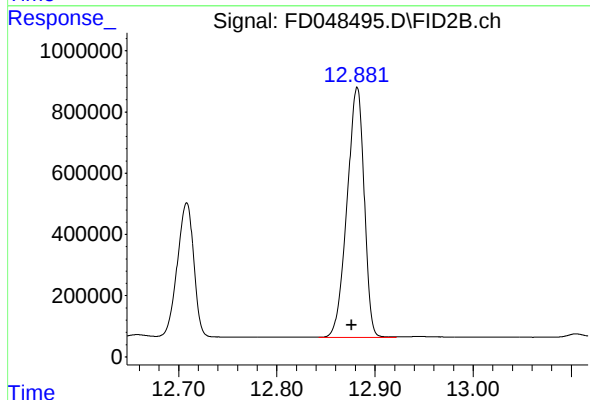
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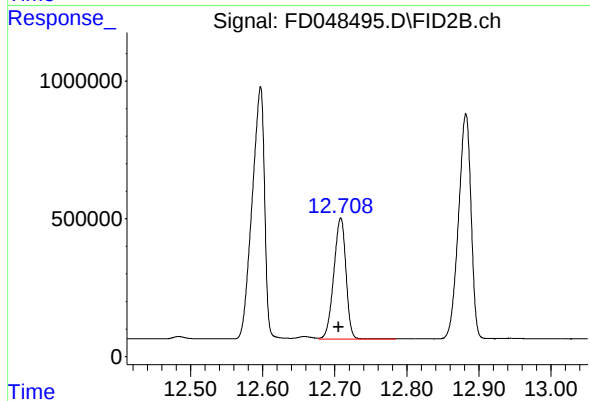
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: 0.006 min
Response: 10814522
Conc: 62.00 ug/ml



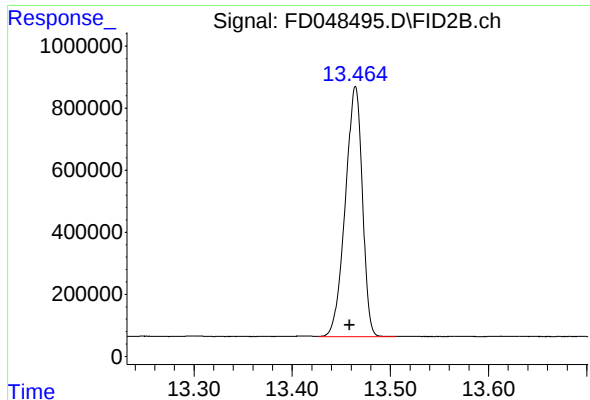
#11 n-Heneicosane (C21)

R.T.: 12.882 min
Delta R.T.: 0.006 min
Response: 9927848
Conc: 58.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 5178539
Conc: 34.62 ug/ml



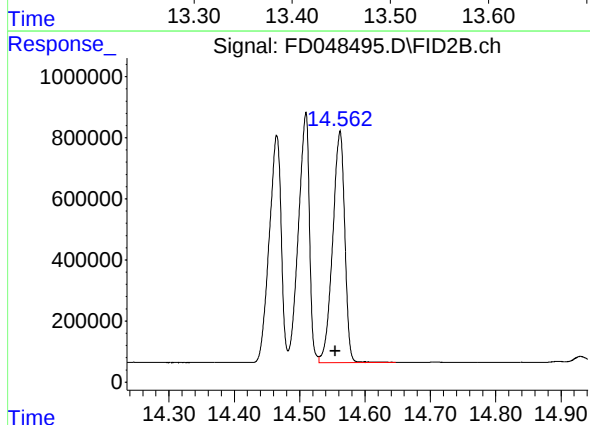
#13 n-Docosane (C22)

R.T.: 13.464 min
Delta R.T.: 0.006 min
Response: 9767632
Conc: 57.19 ug/ml

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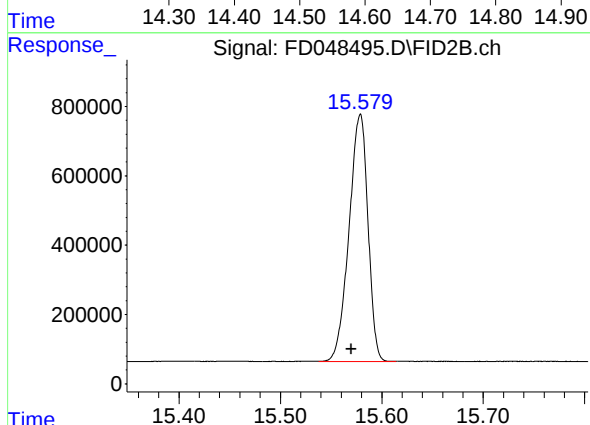
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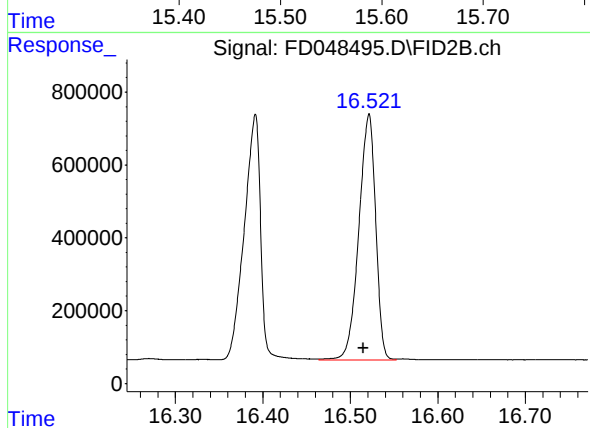
#14 n-Tetracosane (C24)

R.T.: 14.562 min
Delta R.T.: 0.007 min
Response: 9757982
Conc: 57.61 ug/ml



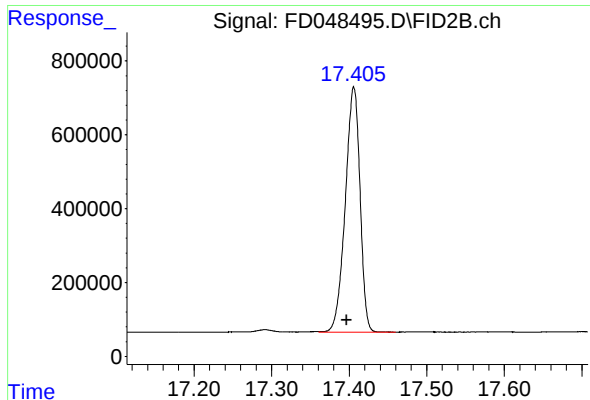
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: 0.009 min
Response: 9242545
Conc: 55.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: 0.007 min
Response: 9030862
Conc: 54.85 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.406 min
Delta R.T.: 0.009 min
Response: 8797139
Conc: 51.31 ug/ml

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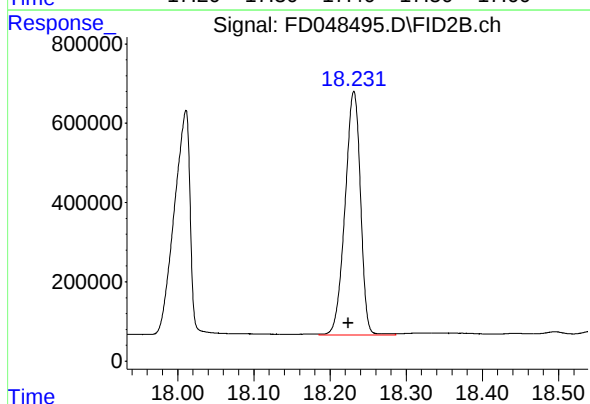
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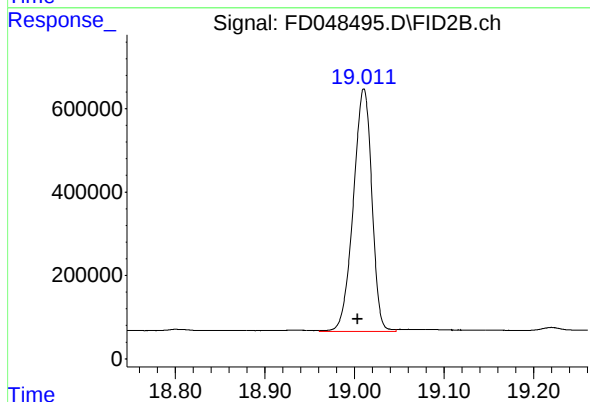
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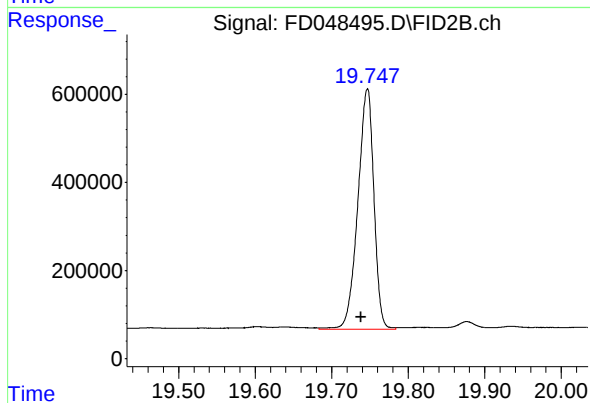
#18 n-Dotriacontane (C32)

R.T.: 18.231 min
Delta R.T.: 0.008 min
Response: 8693099
Conc: 51.96 ug/ml



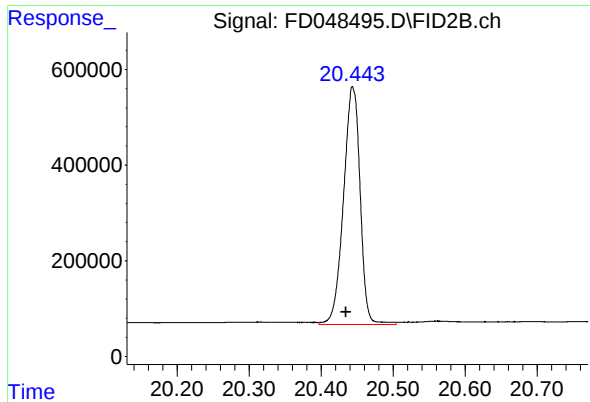
#19 n-Tetratriacontane (C34)

R.T.: 19.010 min
Delta R.T.: 0.007 min
Response: 8342555
Conc: 57.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.747 min
Delta R.T.: 0.008 min
Response: 8002625
Conc: 66.65 ug/ml



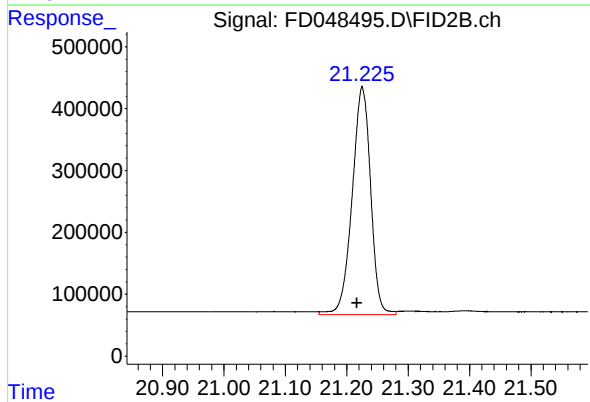
#21 n-Octatriacontane (C38)

R.T.: 20.444 min
Delta R.T.: 0.009 min
Response: 7993599
Conc: 71.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.225 min
Delta R.T.: 0.008 min
Response: 7698014
Conc: 76.90 ug/ml