

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AL\
 Data File : FD048494.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 14:46
 Operator : YP/AJ
 Sample : P4190-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TP-TMS

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 10:32:57 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)	11.266	6574471	33.135 ug/ml
Spiked Amount 50.000		Recovery =	66.27%
12) S 1-chlorooctadecane (S...	12.707	5215082	34.861 ug/ml
Spiked Amount 50.000		Recovery =	69.72%
Target Compounds			
1) T n-Nonane (C9)	3.131	6625238	39.447 ug/ml
2) T n-Decane (C10)	4.175	7555470	43.536 ug/ml
3) T A~Naphthalene (C11.7)	5.719	8621727	45.634 ug/ml
4) T n-Dodecane (C12)	6.166	8089584	46.205 ug/ml
5) T A~2-methylnaphthalene...	6.766	8242592	45.788 ug/ml
6) T n-Tetradecane (C14)	7.950	9040155	51.812 ug/ml
7) T n-Hexadecane (C16)	9.539	9859790	54.711 ug/ml
8) T n-Octadecane (C18)	10.972	10252195	56.474 ug/ml
10) T n-Eicosane (C20)	12.274	10925849	62.642 ug/ml
11) T n-Heneicosane (C21)	12.881	9972727	58.289 ug/ml
13) T n-Docosane (C22)	13.464	9804887	57.413 ug/ml
14) T n-Tetracosane (C24)	14.562	9767833	57.668 ug/ml
15) T n-Hexacosane (C26)	15.580	9251186	55.889 ug/ml
16) T n-Octacosane (C28)	16.521	9030805	54.852 ug/ml
17) T n-Tricontane (C30)	17.407	8805847	51.363 ug/ml
18) T n-Dotriacontane (C32)	18.232	8701739	52.008 ug/ml
19) T n-Tetratriacontane (C34)	19.011	8347343	57.857 ug/ml
20) T n-Hexatriacontane (C36)	19.747	8008021	66.698 ug/ml
21) T n-Octatriacontane (C38)	20.444	8030213	71.712 ug/ml
22) T n-Tetracontane (C40)	21.227	7722326	77.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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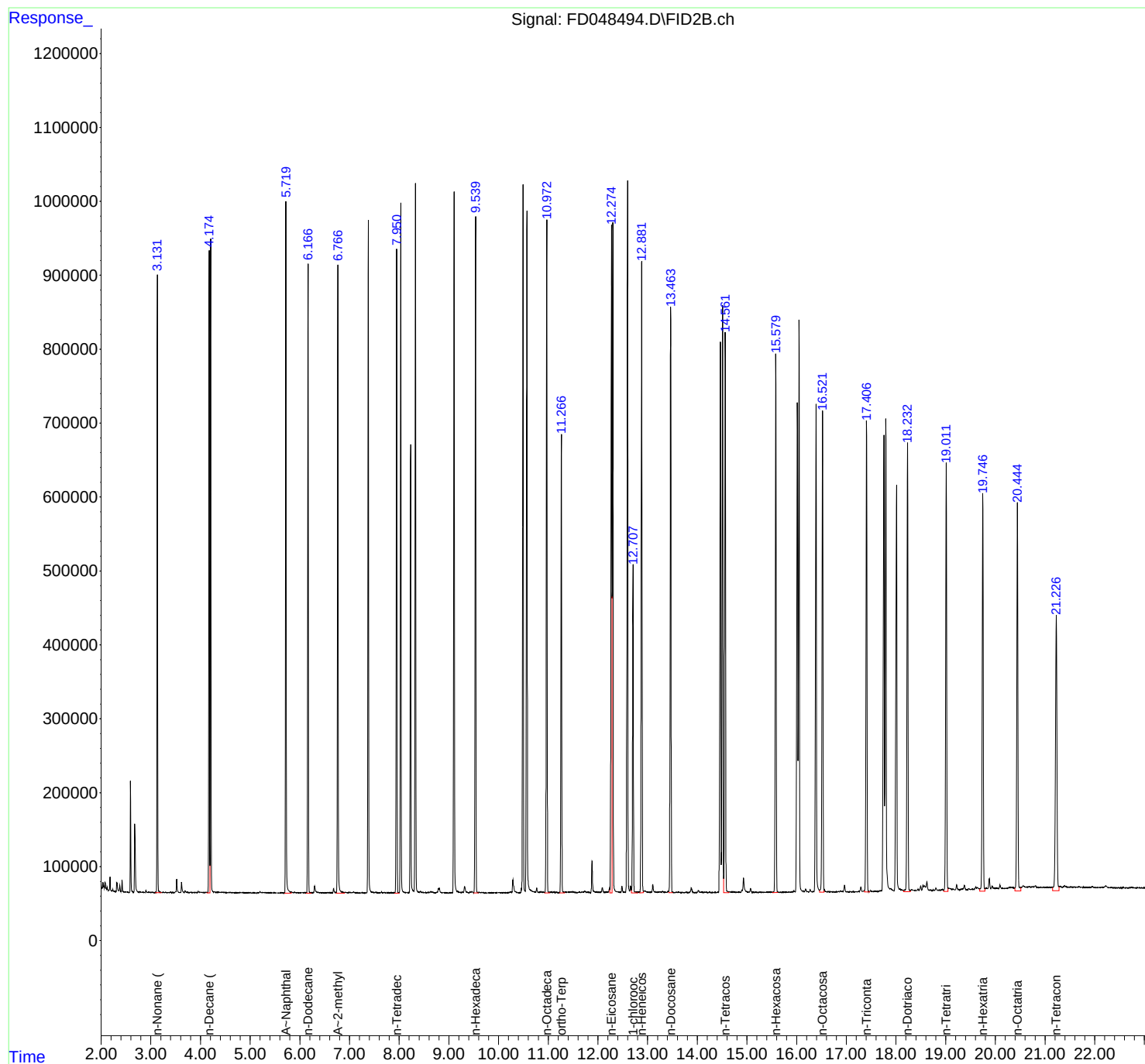
Instrument :
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TP-TMS

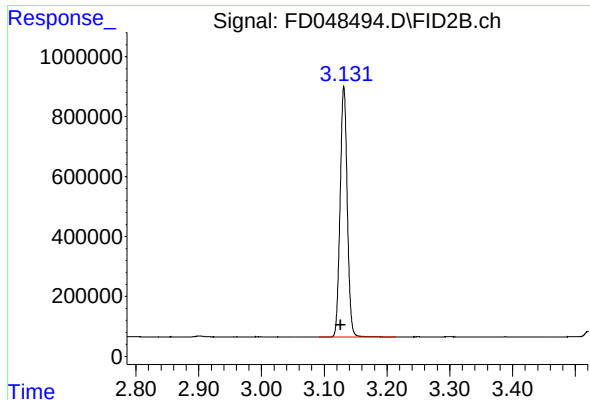
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Quant Title : GC Extractables
Qlast Update : Thu Oct 10 14:48:19 2024
Response via : Initial Calibration
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





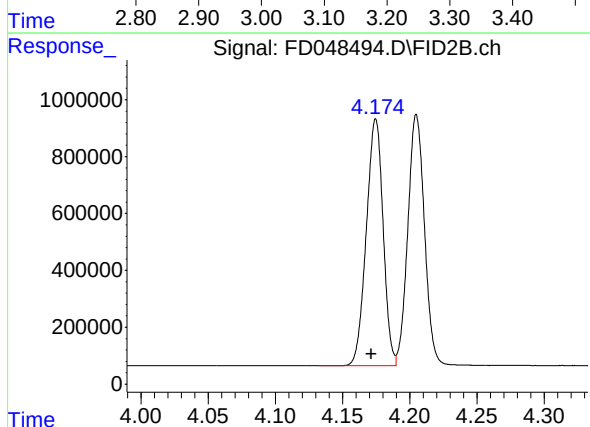
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: 0.005 min
Response: 6625238
Conc: 39.45 ug/ml

Instrument :
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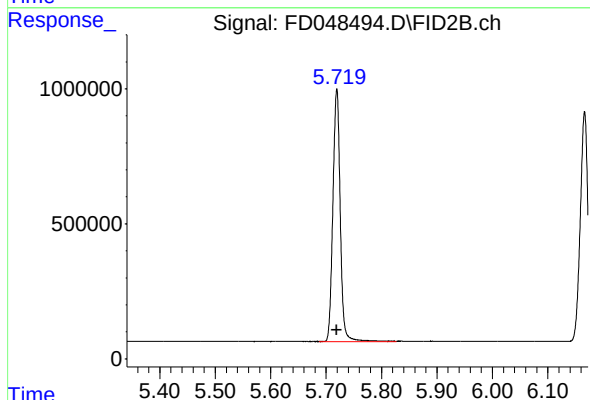
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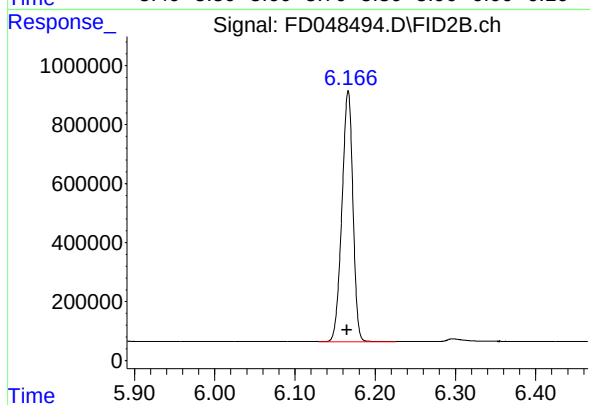
#2 n-Decane (C10)

R.T.: 4.175 min
Delta R.T.: 0.003 min
Response: 7555470
Conc: 43.54 ug/ml



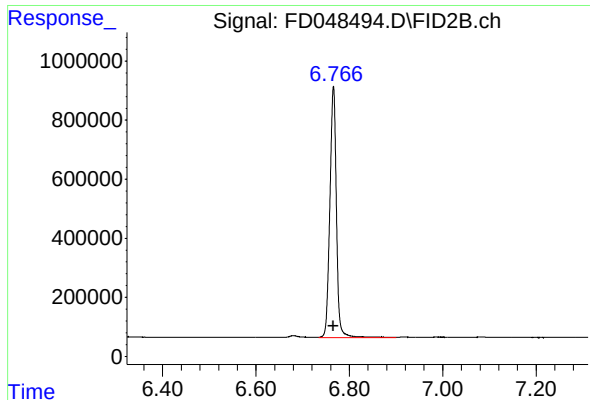
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 8621727
Conc: 45.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.166 min
Delta R.T.: 0.001 min
Response: 8089584
Conc: 46.21 ug/ml



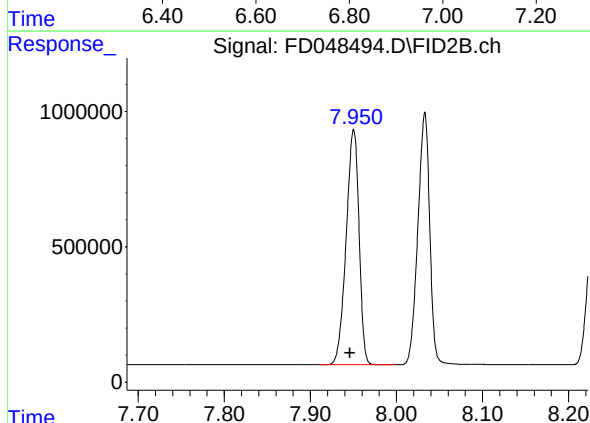
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 8242592
Conc: 45.79 ug/ml

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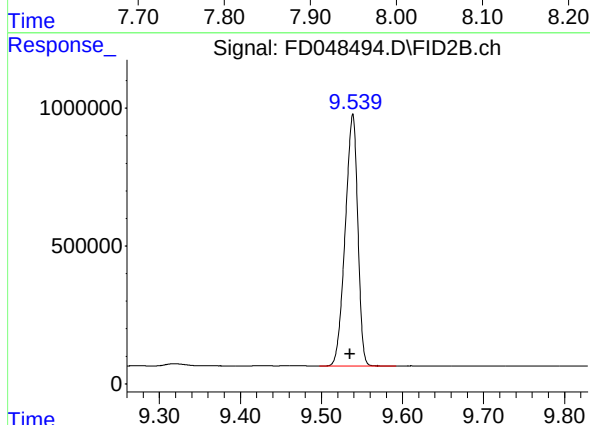
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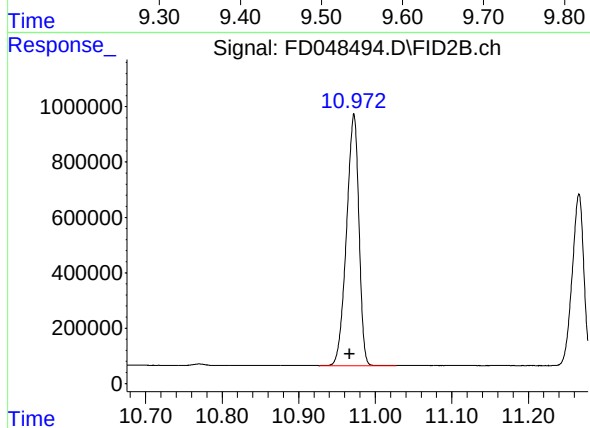
#6 n-Tetradecane (C14)

R.T.: 7.950 min
Delta R.T.: 0.004 min
Response: 9040155
Conc: 51.81 ug/ml



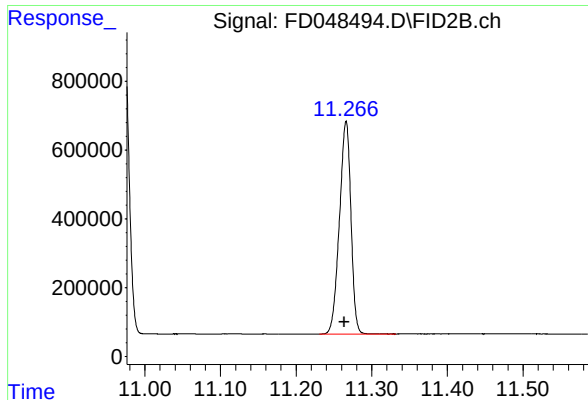
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: 0.004 min
Response: 9859790
Conc: 54.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: 0.005 min
Response: 10252195
Conc: 56.47 ug/ml



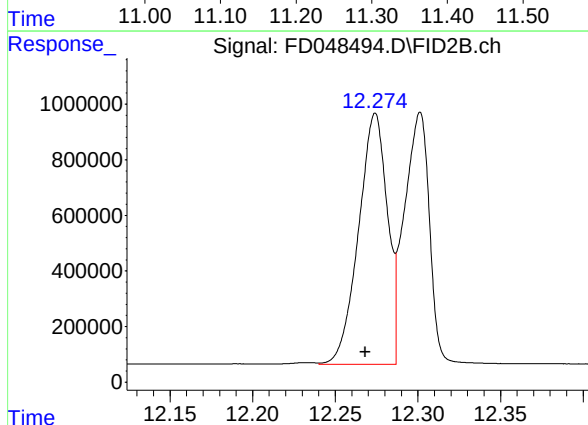
#9 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.002 min
Response: 6574471
Conc: 33.13 ug/ml

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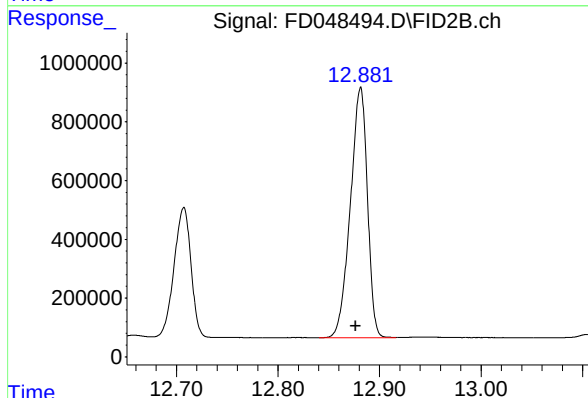
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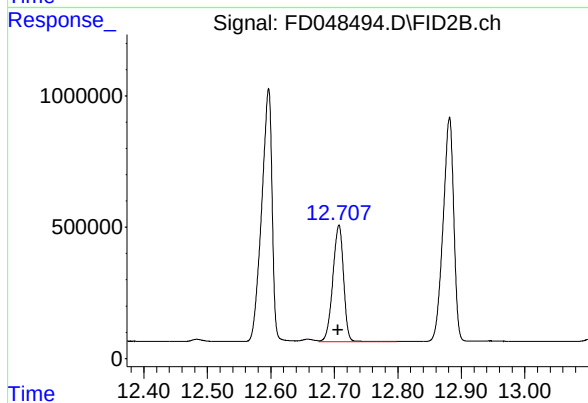
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: 0.006 min
Response: 10925849
Conc: 62.64 ug/ml



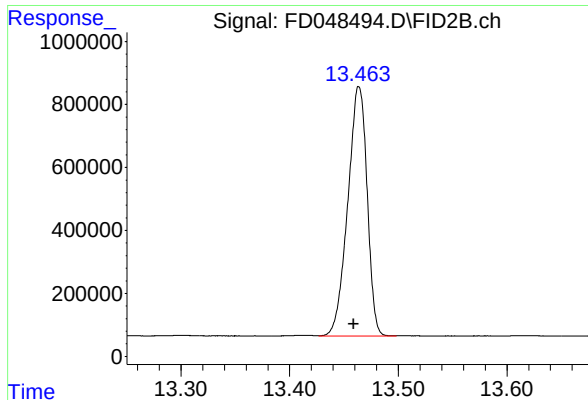
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: 0.005 min
Response: 9972727
Conc: 58.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.707 min
Delta R.T.: 0.002 min
Response: 5215082
Conc: 34.86 ug/ml



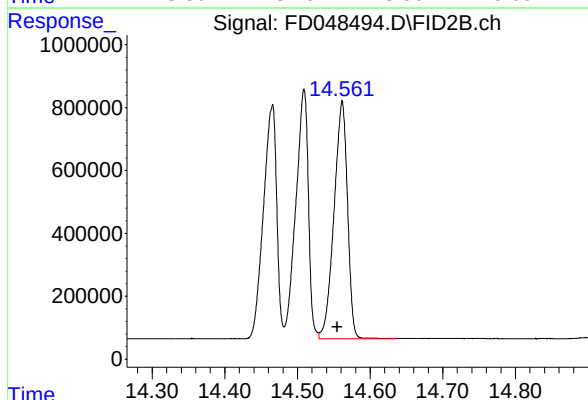
#13 n-Docosane (C22)

R.T.: 13.464 min
Delta R.T.: 0.005 min
Response: 9804887
Conc: 57.41 ug/ml

Instrument :
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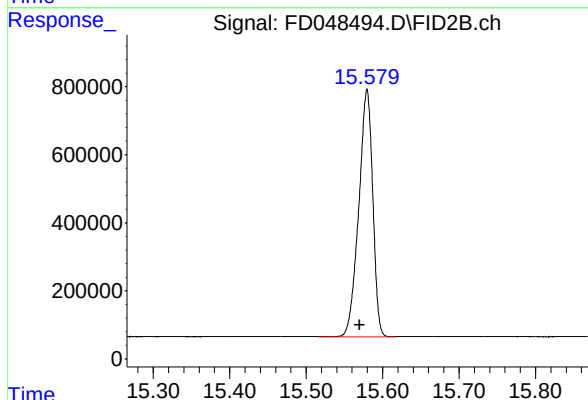
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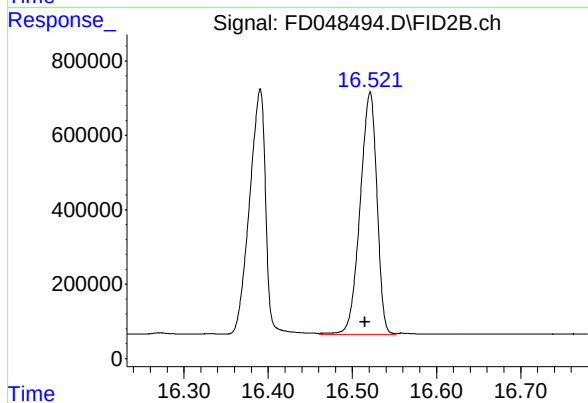
#14 n-Tetracosane (C24)

R.T.: 14.562 min
Delta R.T.: 0.007 min
Response: 9767833
Conc: 57.67 ug/ml



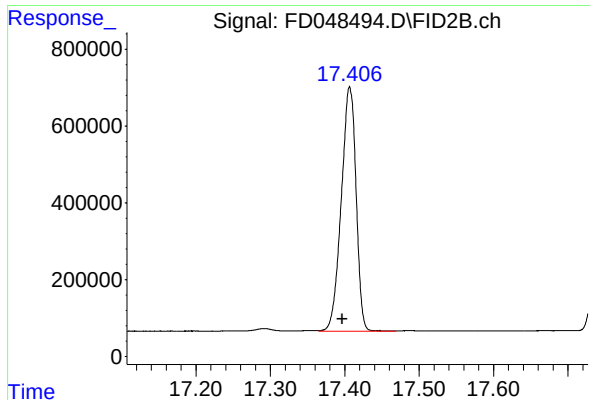
#15 n-Hexacosane (C26)

R.T.: 15.580 min
Delta R.T.: 0.010 min
Response: 9251186
Conc: 55.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: 0.006 min
Response: 9030805
Conc: 54.85 ug/ml



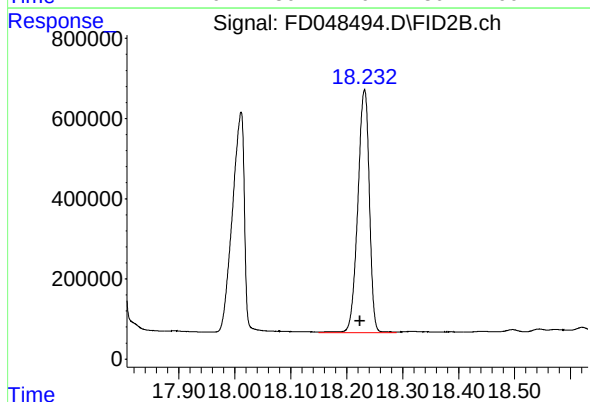
#17 n-Tricontane (C30)

R.T.: 17.407 min
Delta R.T.: 0.010 min
Response: 8805847
Conc: 51.36 ug/ml

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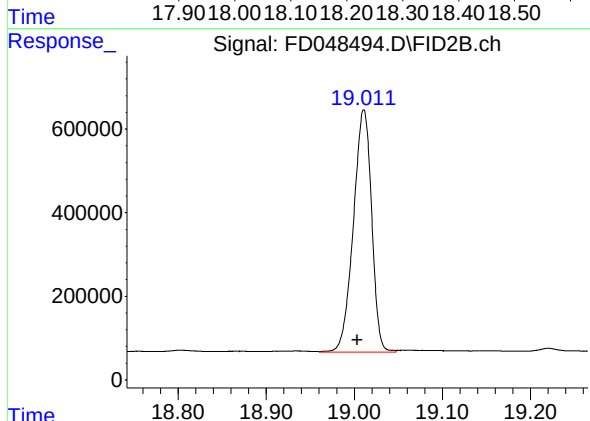
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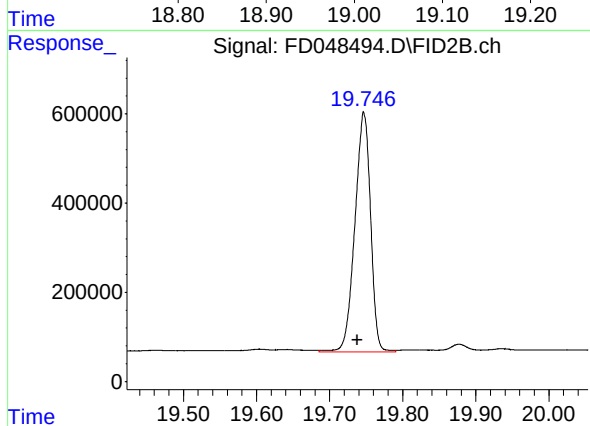
#18 n-Dotriacontane (C32)

R.T.: 18.232 min
Delta R.T.: 0.008 min
Response: 8701739
Conc: 52.01 ug/ml



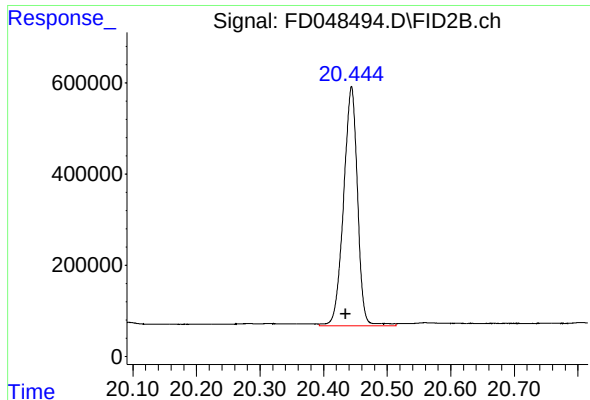
#19 n-Tetratriacontane (C34)

R.T.: 19.011 min
Delta R.T.: 0.007 min
Response: 8347343
Conc: 57.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.747 min
Delta R.T.: 0.009 min
Response: 8008021
Conc: 66.70 ug/ml



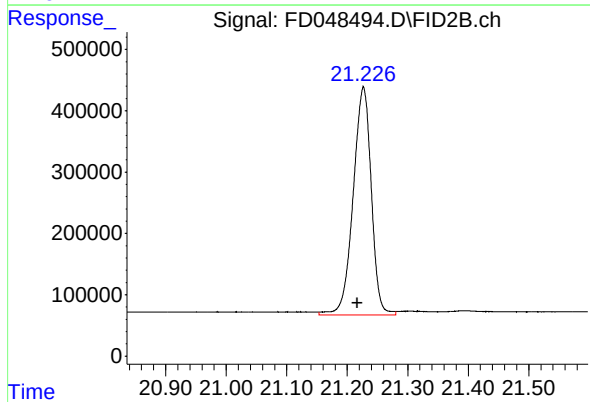
#21 n-Octatriacontane (C38)

R.T.: 20.444 min
Delta R.T.: 0.009 min
Response: 8030213
Conc: 71.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.227 min
Delta R.T.: 0.010 min
Response: 7722326
Conc: 77.14 ug/ml