

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013418.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2023 01:21
 Operator : YP\AJ
 Sample : 04188-01MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WC-7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 29 02:58:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 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)	11.898	4945817	35.997 ug/ml
Spiked Amount 50.000		Recovery =	71.99%
12) S 1-chlorooctadecane (S...	13.336	4086308	38.994 ug/ml
Spiked Amount 50.000		Recovery =	77.99%
Target Compounds			
1) T n-Nonane (C9)	3.282	3611566	33.800 ug/ml
2) T n-Decane (C10)	4.538	4055691	37.845 ug/ml
3) T A~Naphthalene (C11.7)	6.239	4805953	40.595 ug/ml
4) T n-Dodecane (C12)	6.703	4416871	40.819 ug/ml
5) T A~2-methylnaphthalene...	7.335	4926140	41.559 ug/ml
6) T n-Tetradecane (C14)	8.531	4702509	43.564 ug/mlm
7) T n-Hexadecane (C16)	10.139	5310904	48.994 ug/ml
8) T n-Octadecane (C18)	11.582	5652563	51.622 ug/ml
10) T n-Eicosane (C20)	12.894	6016276	54.827 ug/ml
11) T n-Heneicosane (C21)	13.505	5838136	53.139 ug/ml
13) T n-Docosane (C22)	14.092	6013664	54.775 ug/ml
14) T n-Tetracosane (C24)	15.182	12458920	113.400 ug/ml
15) T n-Hexacosane (C26)	16.218	5634454	51.554 ug/ml
16) T n-Octacosane (C28)	17.165	5876138	54.423 ug/ml
17) T n-Tricontane (C30)	18.055	5443323	49.775 ug/ml
18) T n-Dotriacontane (C32)	18.886	5153826	45.626 ug/ml
19) T n-Tetratriacontane (C34)	19.669	4896130	46.093 ug/ml
20) T n-Hexatriacontane (C36)	20.407	4577811	43.432 ug/ml
21) T n-Octatriacontane (C38)	21.138	4417004	43.733 ug/ml
22) T n-Tetracontane (C40)	22.035	5180750	52.125 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Aug 10 16:05:52 2023

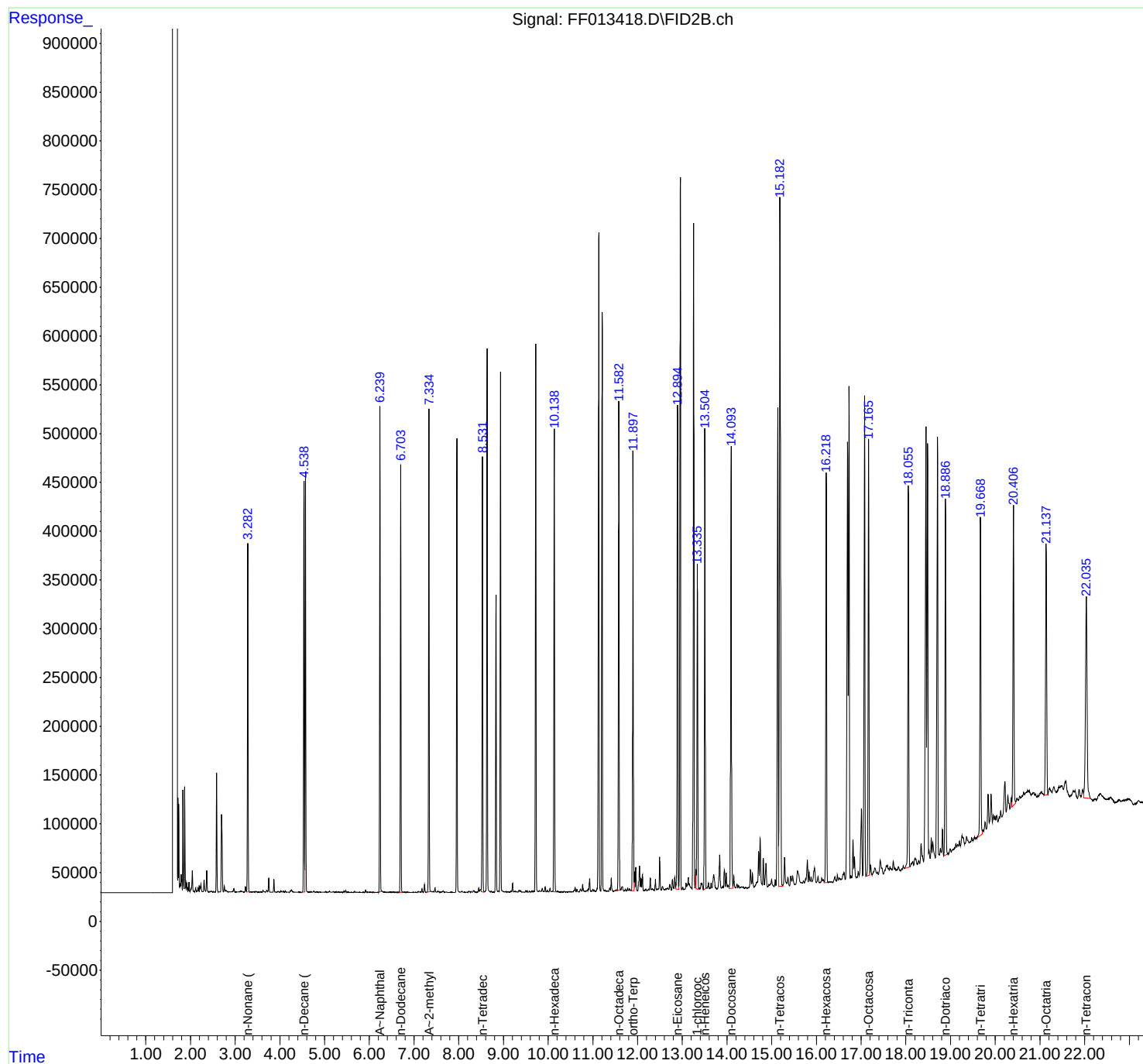
Response via : Initial Calibration

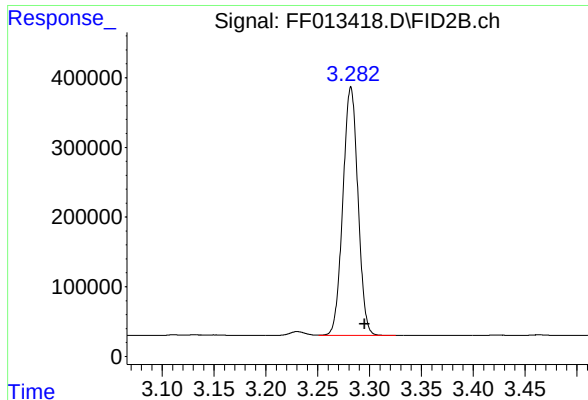
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





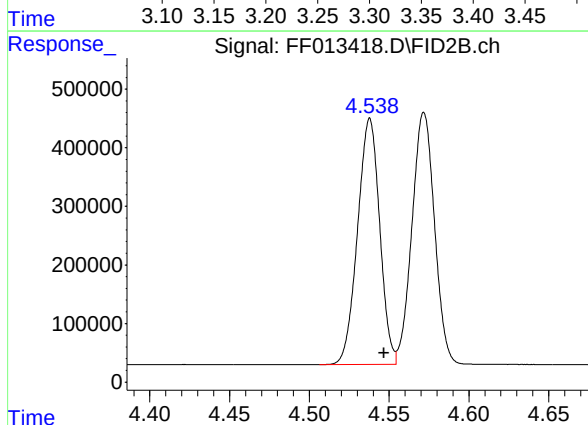
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 3611566
Conc: 33.80 ug/ml

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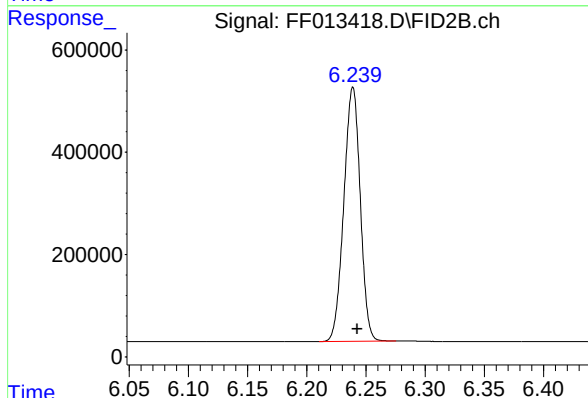
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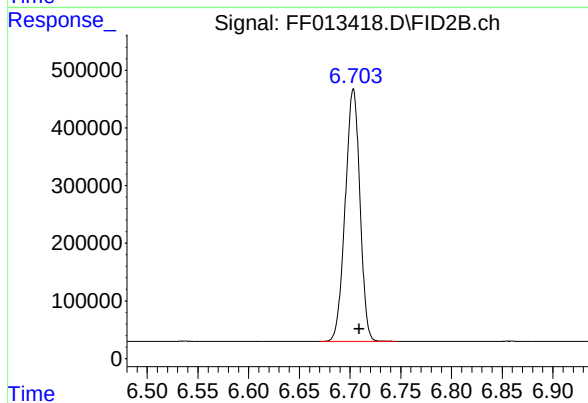
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 4055691
Conc: 37.85 ug/ml



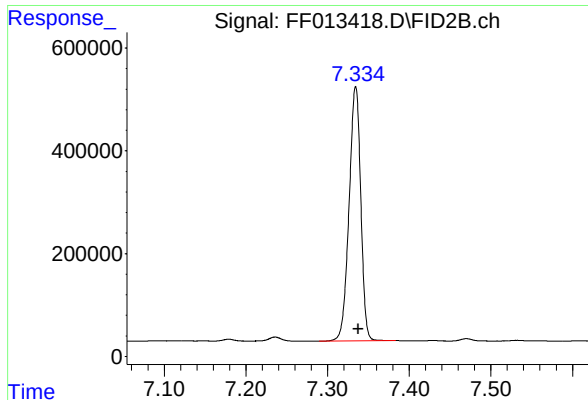
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 4805953
Conc: 40.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 4416871
Conc: 40.82 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 4926140
Conc: 41.56 ug/ml

Instrument :

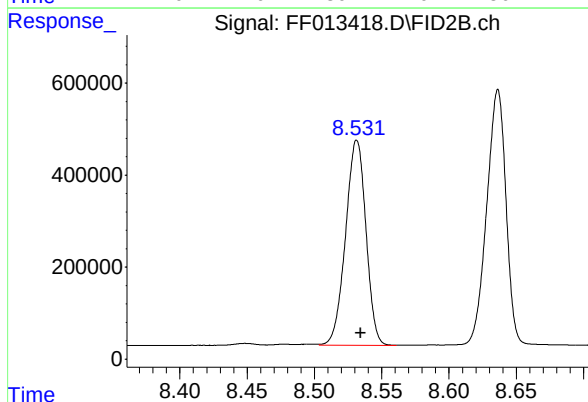
FID_F

ClientSampleId :

WC-7MSD

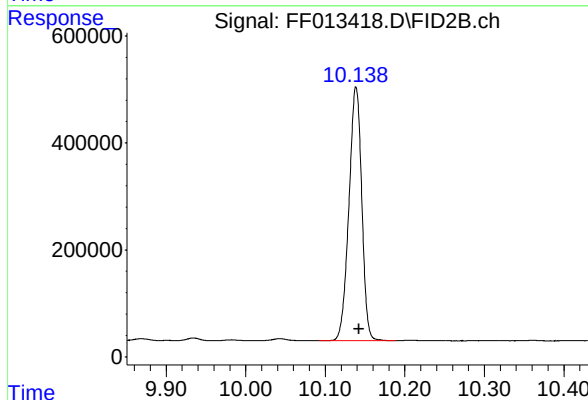
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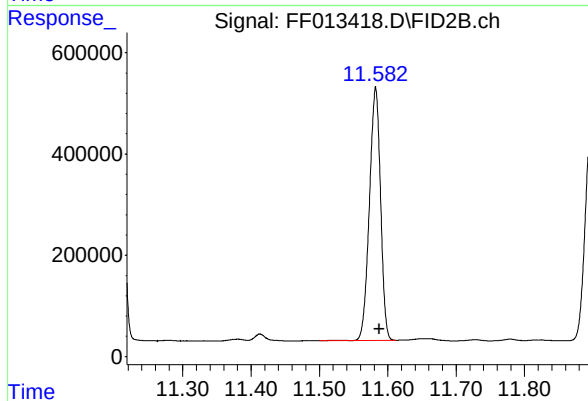
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.004 min
Response: 4702509
Conc: 43.56 ug/ml m



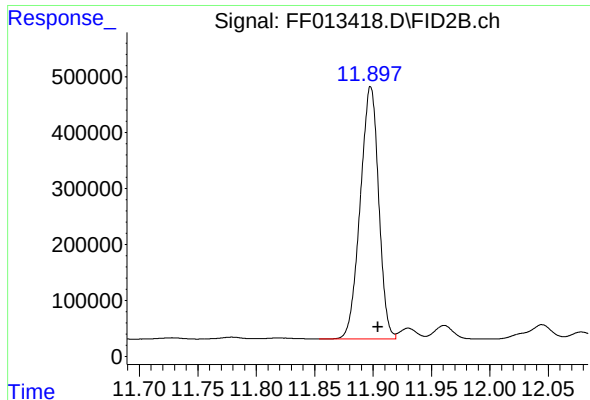
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.004 min
Response: 5310904
Conc: 48.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.005 min
Response: 5652563
Conc: 51.62 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.006 min
Response: 4945817
Conc: 36.00 ug/ml

Instrument :

FID_F

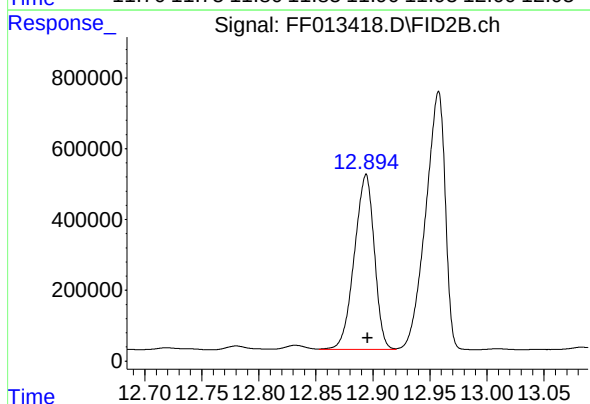
ClientSampleId :

WC-7MSD

Manual Integrations

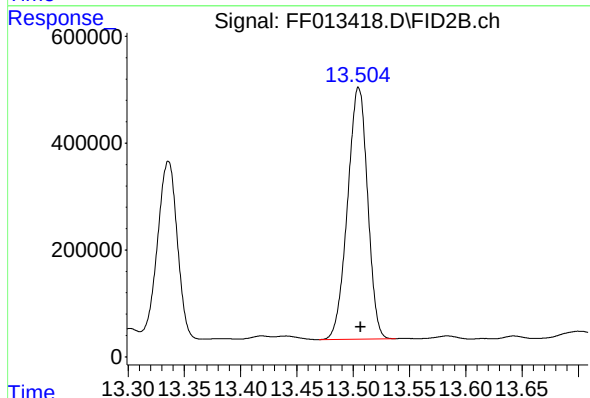
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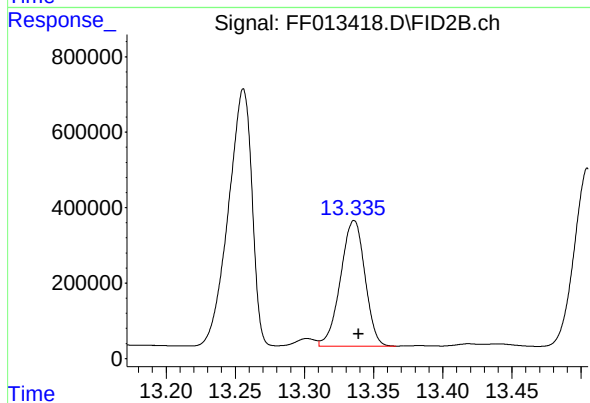
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.001 min
Response: 6016276
Conc: 54.83 ug/ml



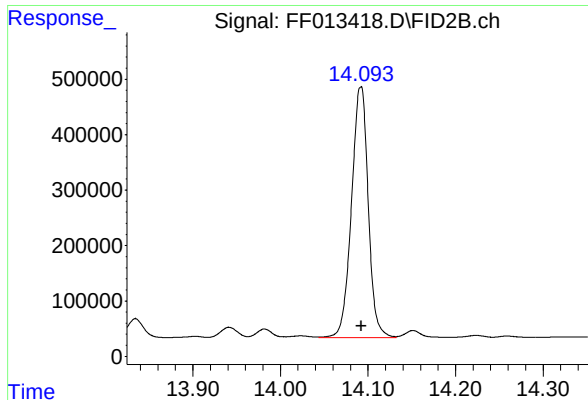
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 5838136
Conc: 53.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.003 min
Response: 4086308
Conc: 38.99 ug/ml



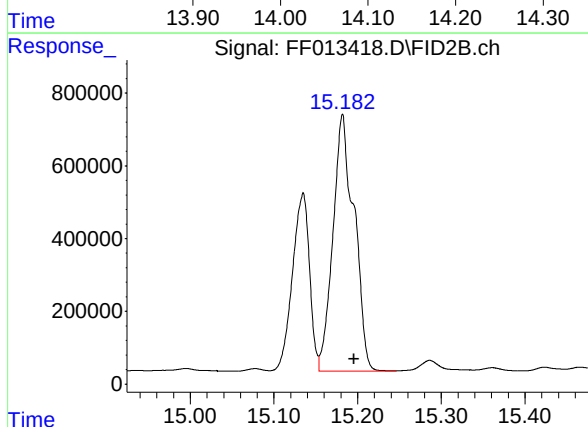
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: 0.000 min
Response: 6013664
Conc: 54.78 ug/ml

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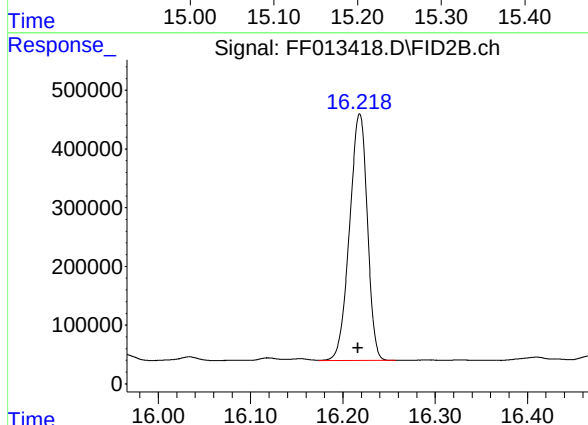
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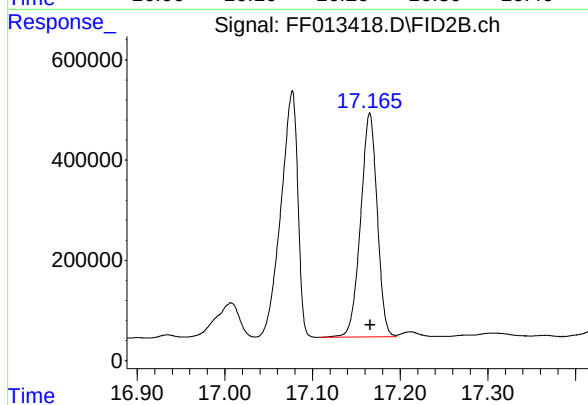
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.014 min
Response: 12458920
Conc: 113.40 ug/ml



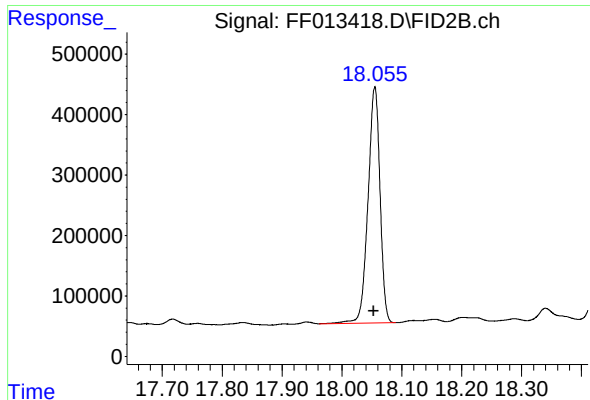
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: 0.002 min
Response: 5634454
Conc: 51.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.000 min
Response: 5876138
Conc: 54.42 ug/ml



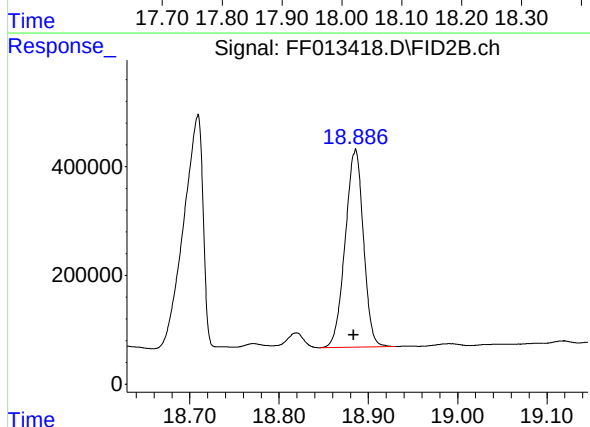
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: 0.002 min
Response: 5443323
Conc: 49.77 ug/ml

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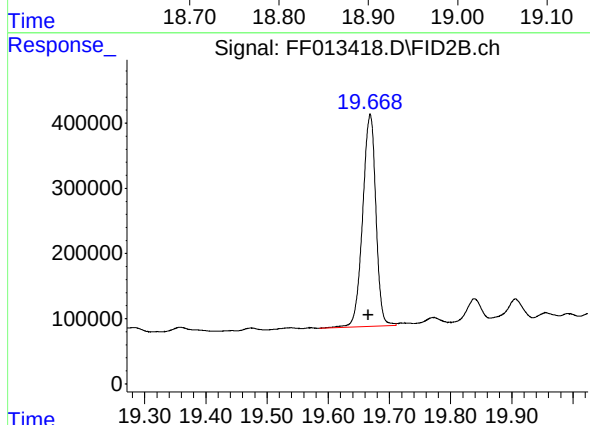
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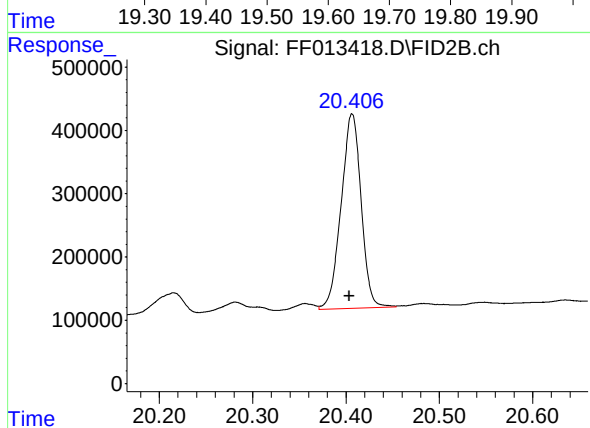
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.002 min
Response: 5153826
Conc: 45.63 ug/ml



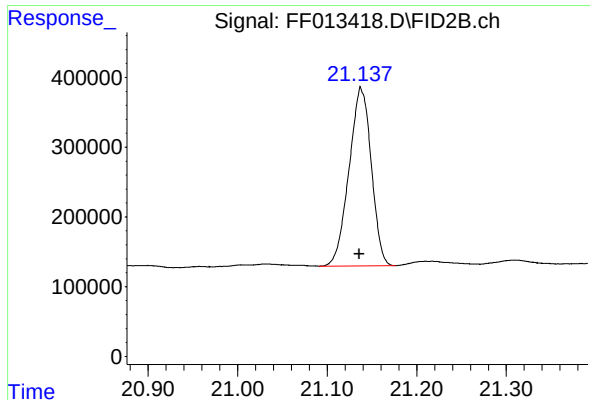
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.003 min
Response: 4896130
Conc: 46.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: 0.003 min
Response: 4577811
Conc: 43.43 ug/ml



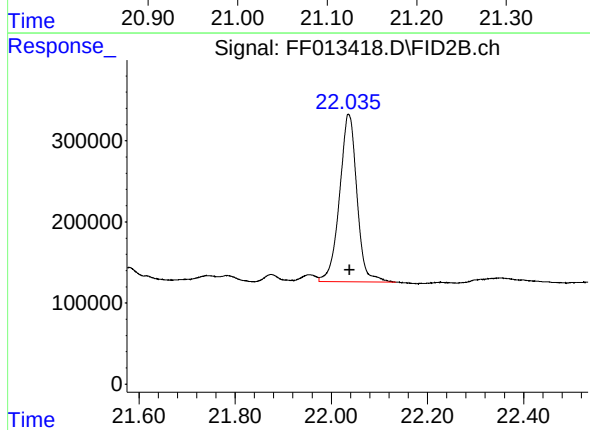
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.002 min
Response: 4417004
Conc: 43.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.003 min
Response: 5180750
Conc: 52.13 ug/ml m