

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013417.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2023 00:52
 Operator : YP\AJ
 Sample : 04188-01MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

WC-7MS

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 02:58:42 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	4740275	34.501 ug/ml
Spiked Amount 50.000		Recovery =	69.00%
12) S 1-chlorooctadecane (S...	13.337	3911111	37.322 ug/ml
Spiked Amount 50.000		Recovery =	74.64%
Target Compounds			
1) T n-Nonane (C9)	3.282	3431148	32.111 ug/ml
2) T n-Decane (C10)	4.538	3847774	35.905 ug/ml
3) T A~Naphthalene (C11.7)	6.239	4557999	38.501 ug/ml
4) T n-Dodecane (C12)	6.703	4185686	38.682 ug/ml
5) T A~2-methylnaphthalene...	7.334	4673385	39.427 ug/ml
6) T n-Tetradecane (C14)	8.532	4456360	41.284 ug/mlm
7) T n-Hexadecane (C16)	10.138	5050098	46.588 ug/ml
8) T n-Octadecane (C18)	11.583	5384053	49.170 ug/ml
10) T n-Eicosane (C20)	12.893	5772836	52.609 ug/ml
11) T n-Heneicosane (C21)	13.505	5576245	50.755 ug/ml
13) T n-Docosane (C22)	14.091	5713677	52.043 ug/ml
14) T n-Tetracosane (C24)	15.182	11959720	108.857 ug/ml
15) T n-Hexacosane (C26)	16.218	5390527	49.323 ug/ml
16) T n-Octacosane (C28)	17.167	5646261	52.294 ug/ml
17) T n-Tricontane (C30)	18.056	5310087	48.556 ug/ml
18) T n-Dotriacontane (C32)	18.886	4961040	43.919 ug/ml
19) T n-Tetratriacontane (C34)	19.669	4673068	43.993 ug/ml
20) T n-Hexatriacontane (C36)	20.408	4370448	41.464 ug/ml
21) T n-Octatriacontane (C38)	21.138	4283908	42.415 ug/mlm
22) T n-Tetracontane (C40)	22.038	5239662	52.718 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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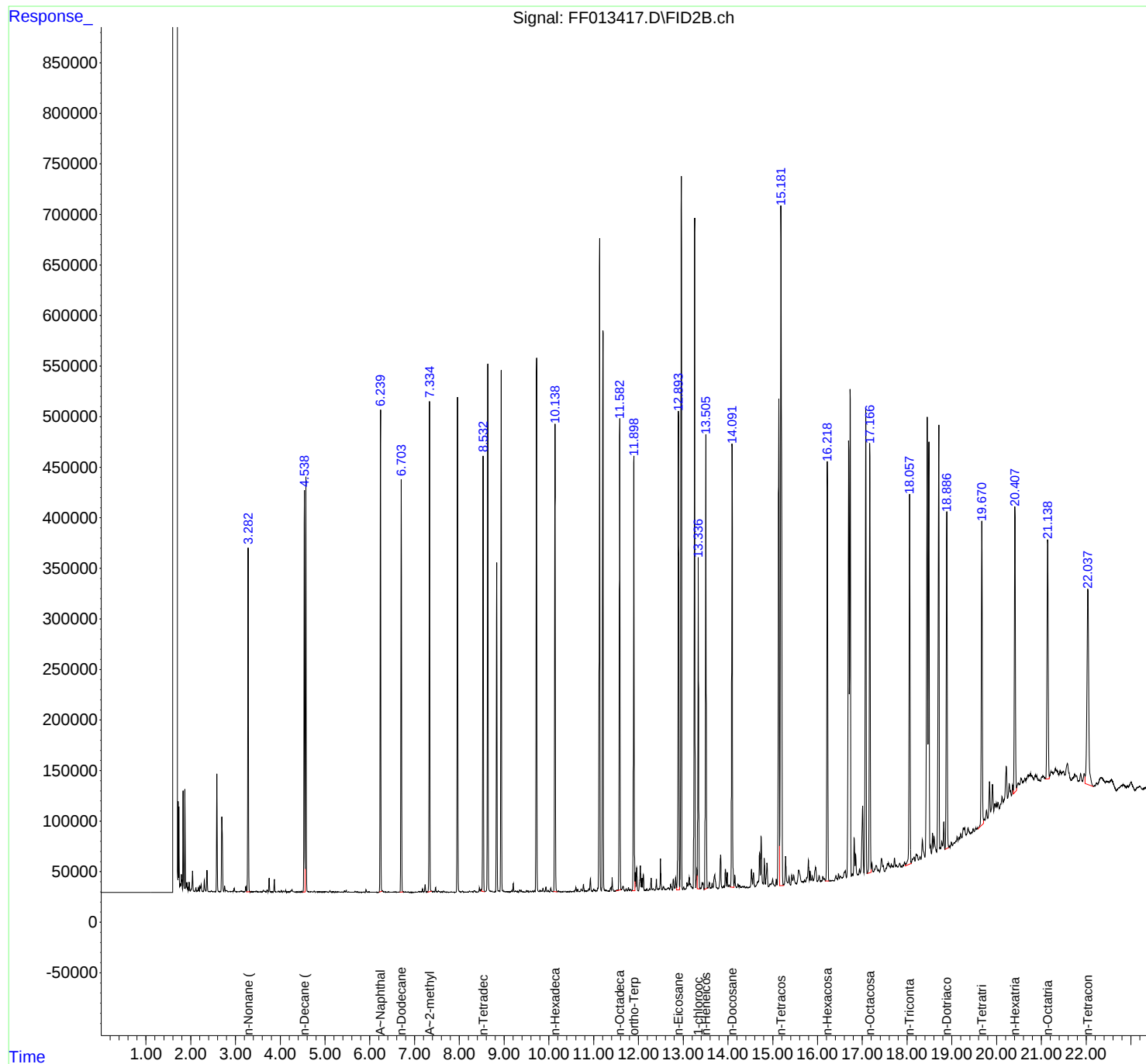
Response via : Initial Calibration

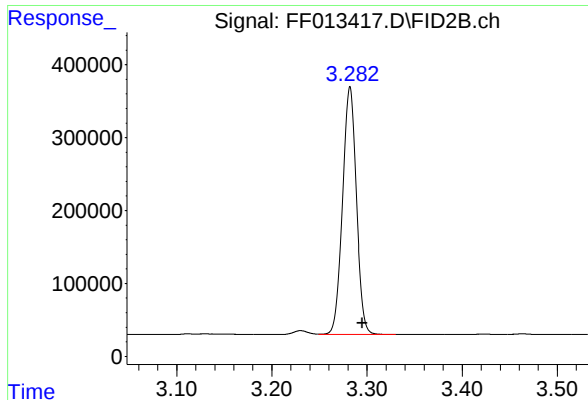
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





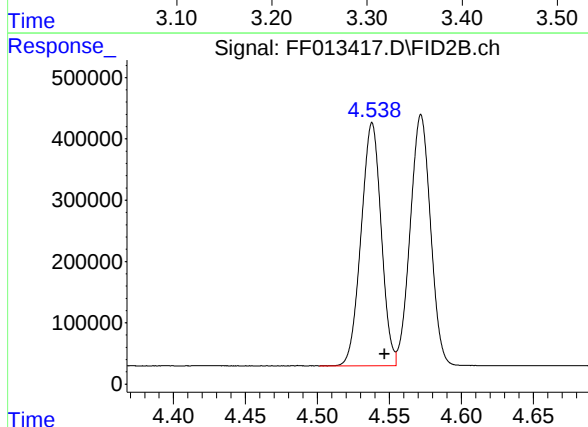
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 3431148
Conc: 32.11 ug/ml

Instrument :
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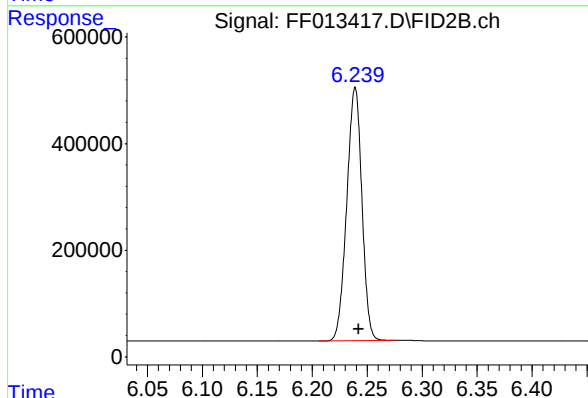
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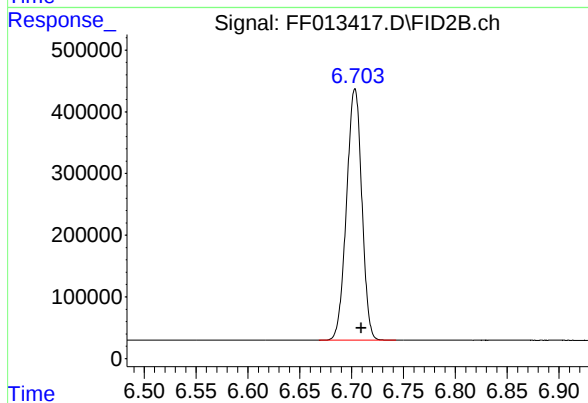
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 3847774
Conc: 35.91 ug/ml



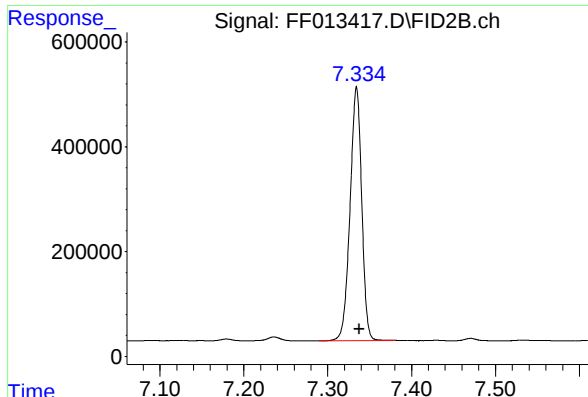
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 4557999
Conc: 38.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 4185686
Conc: 38.68 ug/ml



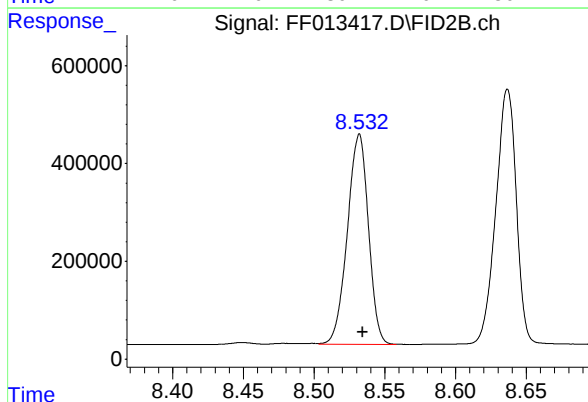
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 4673385
Conc: 39.43 ug/ml

Instrument :
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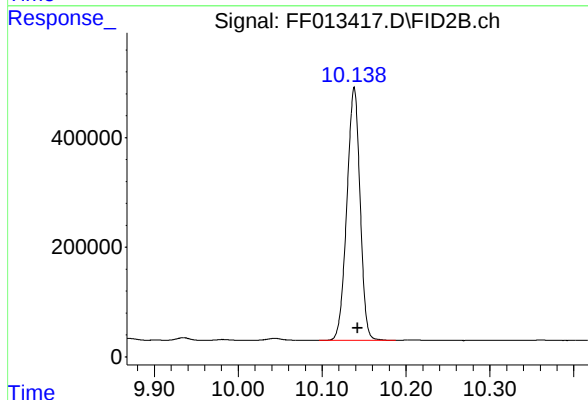
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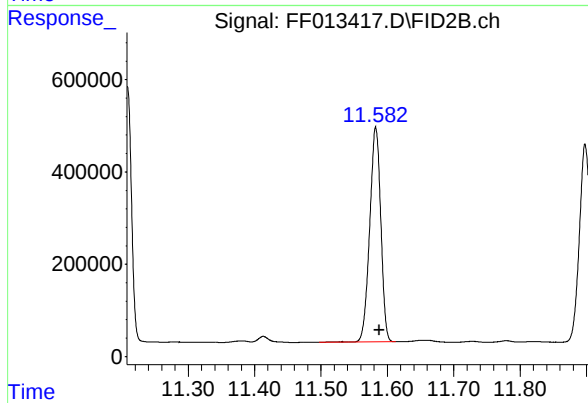
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.002 min
Response: 4456360
Conc: 41.28 ug/ml m



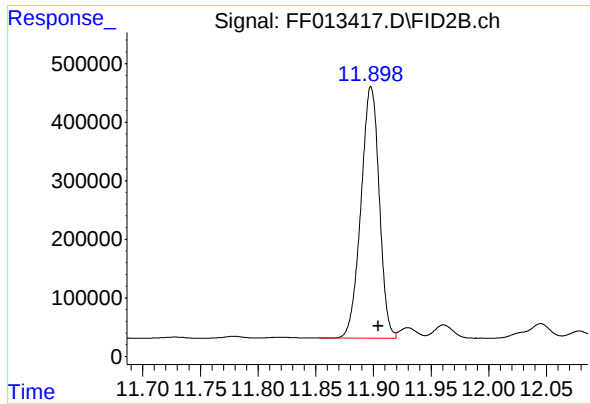
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.004 min
Response: 5050098
Conc: 46.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.005 min
Response: 5384053
Conc: 49.17 ug/ml



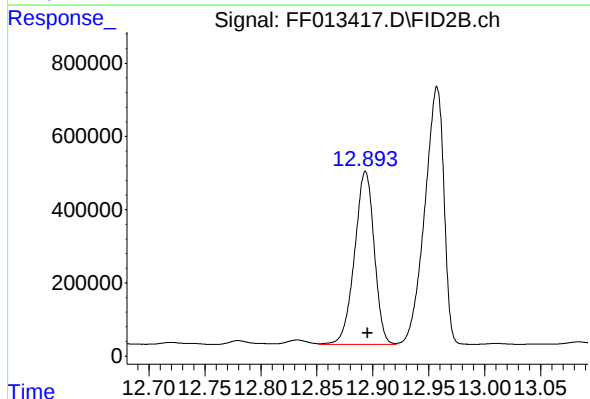
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.006 min
Response: 4740275
Conc: 34.50 ug/ml

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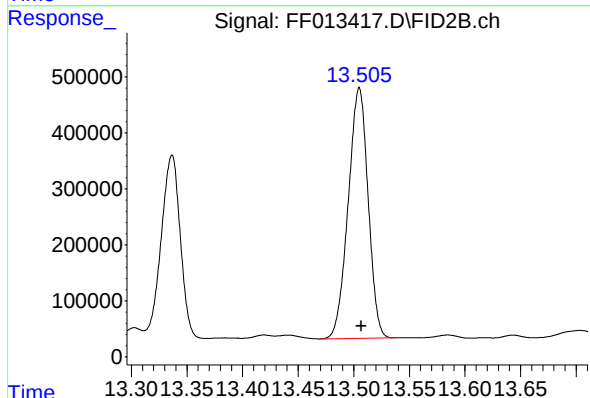
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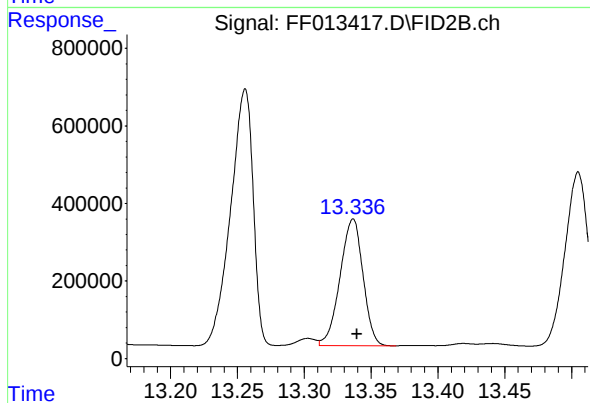
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.002 min
Response: 5772836
Conc: 52.61 ug/ml



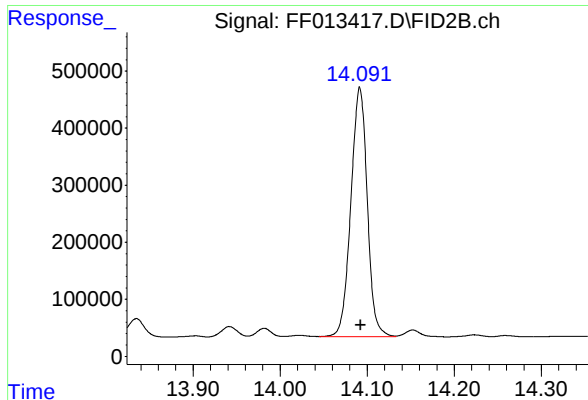
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 5576245
Conc: 50.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.003 min
Response: 3911111
Conc: 37.32 ug/ml



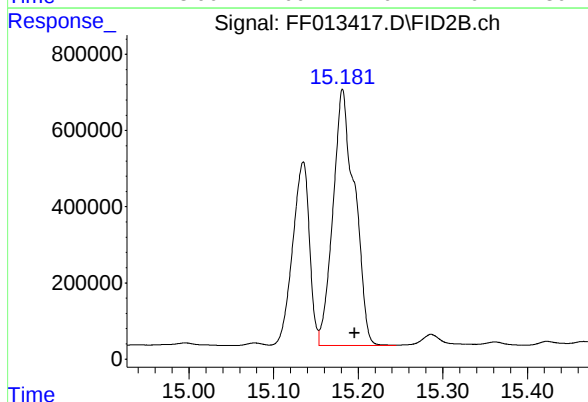
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.001 min
Response: 5713677
Conc: 52.04 ug/ml

Instrument :
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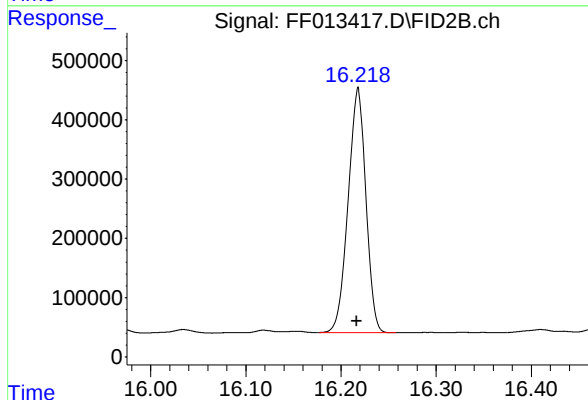
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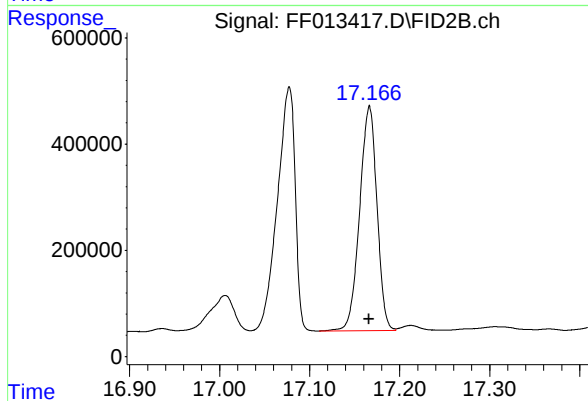
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.014 min
Response: 11959720
Conc: 108.86 ug/ml



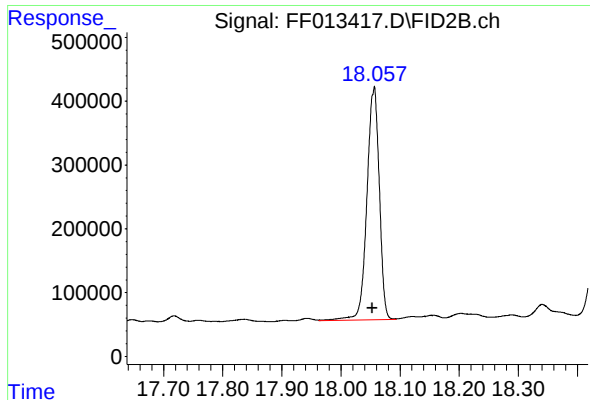
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: 0.001 min
Response: 5390527
Conc: 49.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: 0.000 min
Response: 5646261
Conc: 52.29 ug/ml



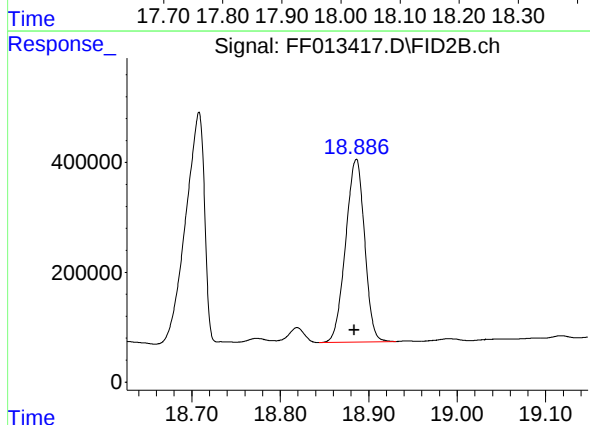
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: 0.003 min
Response: 5310087
Conc: 48.56 ug/ml

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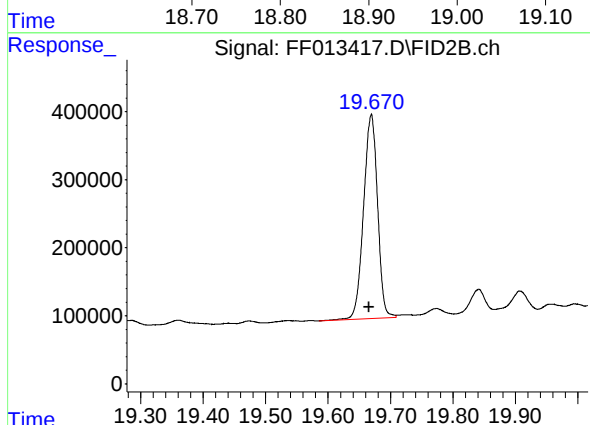
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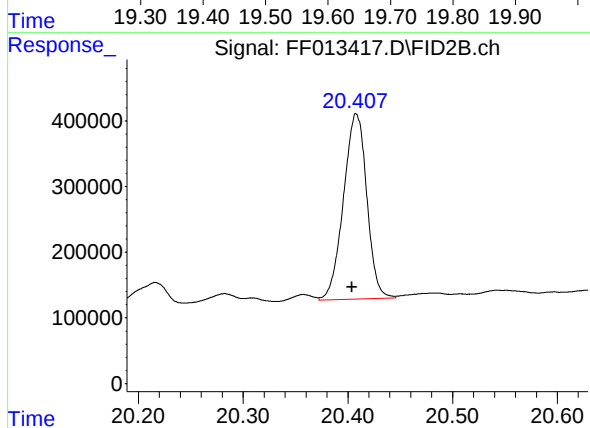
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.002 min
Response: 4961040
Conc: 43.92 ug/ml



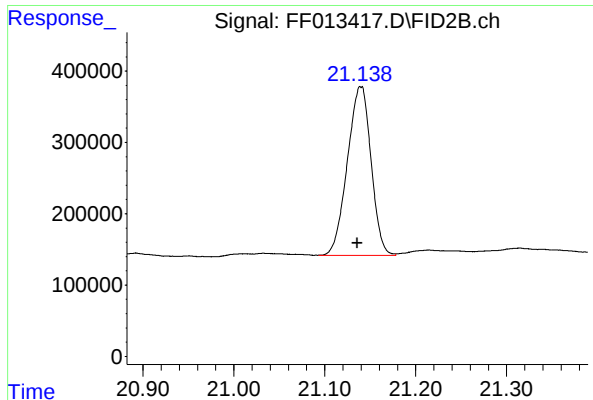
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.004 min
Response: 4673068
Conc: 43.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: 0.004 min
Response: 4370448
Conc: 41.46 ug/ml



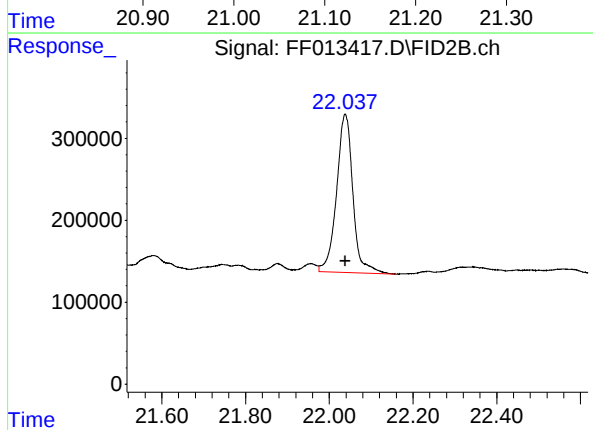
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.002 min
Response: 4283908
Conc: 42.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.000 min
Response: 5239662
Conc: 52.72 ug/ml