

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082123AL\
 Data File : FF013250.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 20:39
 Operator : YP\AJ
 Sample : PB154970BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB154970BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 22 01:35:17 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)	11.897	6458011	47.004 ug/ml
Spiked Amount 50.000		Recovery =	94.01%
12) S 1-chlorooctadecane (S...	13.333	5015126	47.857 ug/ml
Spiked Amount 50.000		Recovery =	95.71%
Target Compounds			
1) T n-Nonane (C9)	3.294	4859549	45.480 ug/ml
2) T n-Decane (C10)	4.545	5278511	49.256 ug/ml
3) T A~Naphthalene (C11.7)	6.241	6162123	52.050 ug/ml
4) T n-Dodecane (C12)	6.705	5754083	53.177 ug/ml
5) T A~2-methylnaphthalene...	7.335	6209927	52.390 ug/ml
6) T n-Tetradecane (C14)	8.532	5849626	54.191 ug/ml
7) T n-Hexadecane (C16)	10.138	5968575	55.061 ug/ml
8) T n-Octadecane (C18)	11.581	6079871	55.524 ug/ml
10) T n-Eicosane (C20)	12.891	6210274	56.595 ug/ml
11) T n-Heneicosane (C21)	13.502	6010017	54.703 ug/ml
13) T n-Docosane (C22)	14.088	5976556	54.437 ug/ml
14) T n-Tetracosane (C24)	15.190	5200799	47.337 ug/ml
15) T n-Hexacosane (C26)	16.212	5736855	52.491 ug/ml
16) T n-Octacosane (C28)	17.159	5686087	52.663 ug/ml
17) T n-Tricontane (C30)	18.048	5522933	50.503 ug/ml
18) T n-Dotriacontane (C32)	18.878	5286691	46.802 ug/ml
19) T n-Tetratriacontane (C34)	19.661	4885309	45.991 ug/mlm
20) T n-Hexatriacontane (C36)	20.398	4530318	42.981 ug/mlm
21) T n-Octatriacontane (C38)	21.129	4525832	44.810 ug/mlm
22) T n-Tetracontane (C40)	22.029	4969917	50.004 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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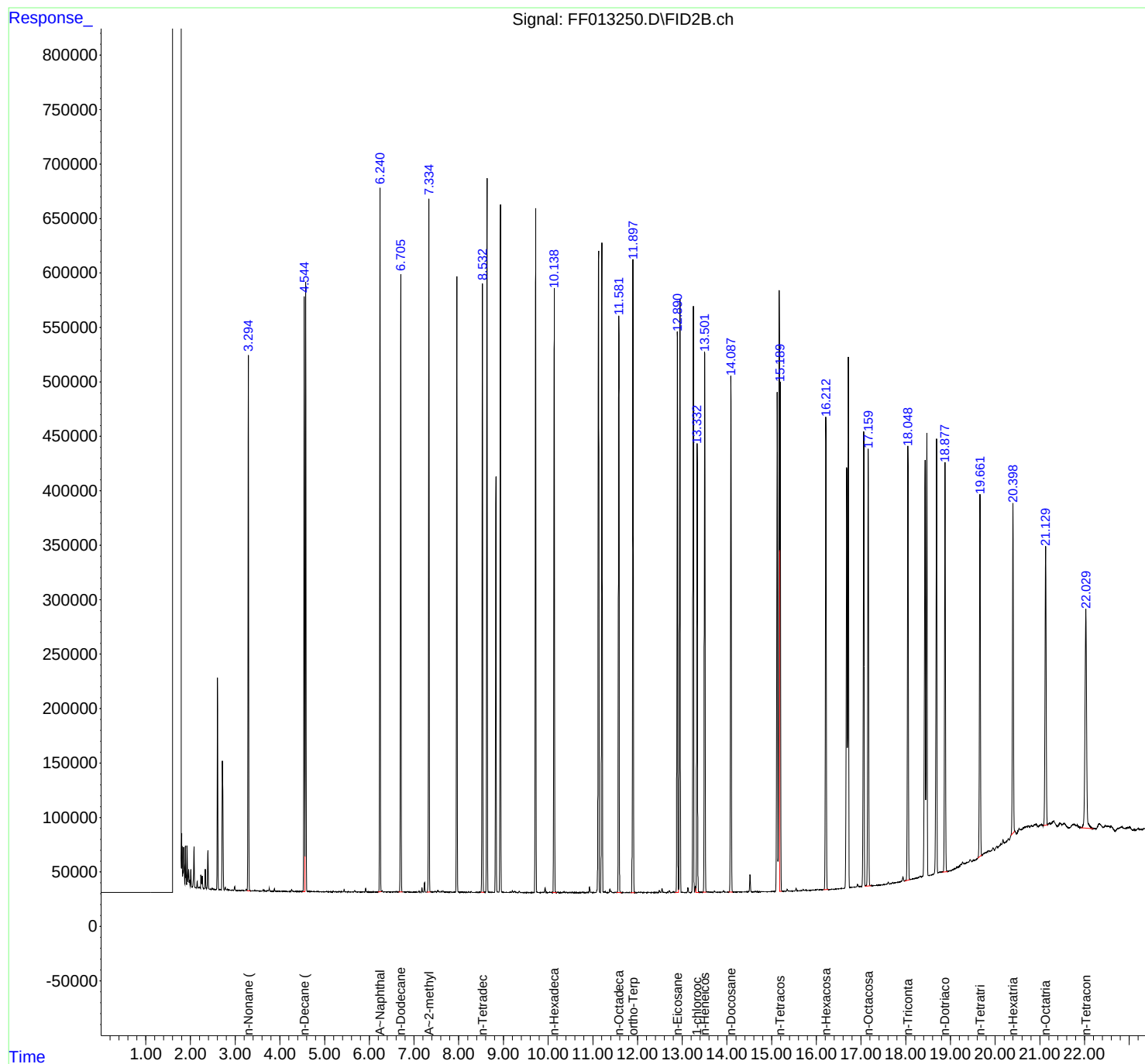
Instrument :
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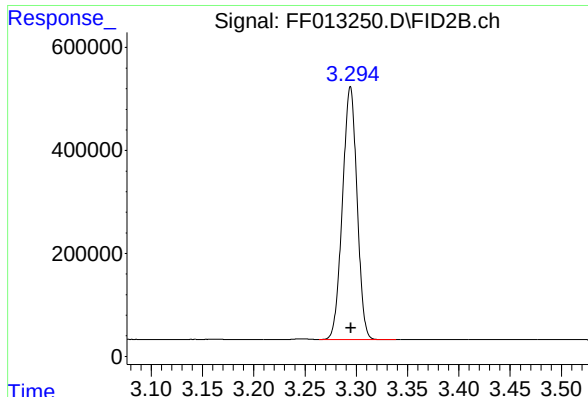
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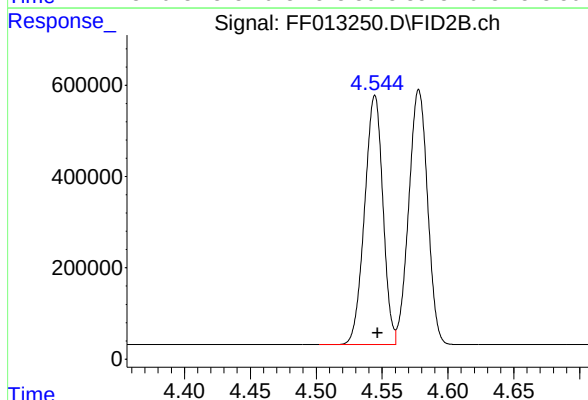
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 4859549
Conc: 45.48 ug/ml

Instrument :
FID_F
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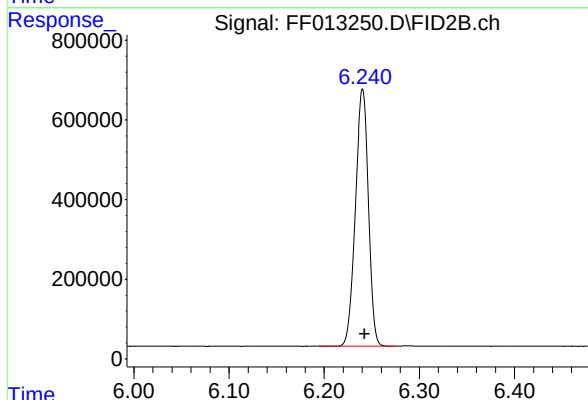
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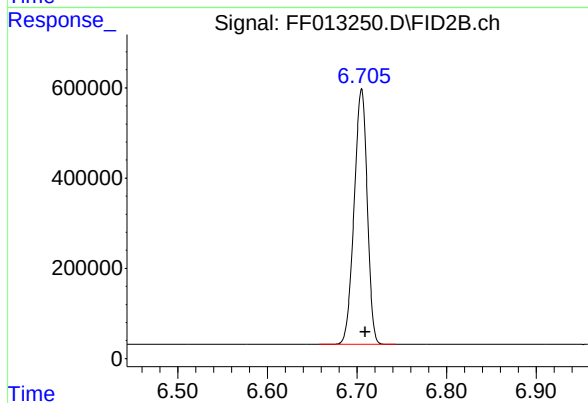
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 5278511
Conc: 49.26 ug/ml



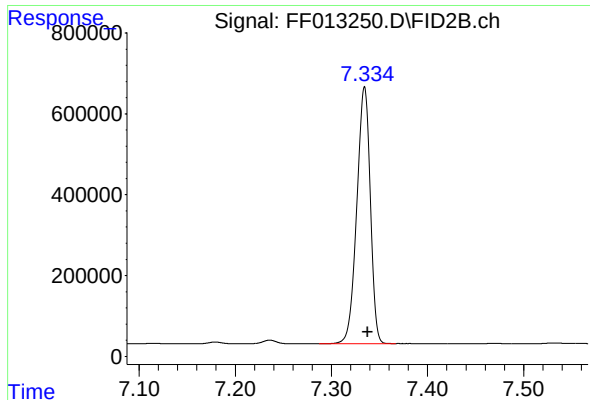
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 6162123
Conc: 52.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 5754083
Conc: 53.18 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 6209927
Conc: 52.39 ug/ml

Instrument :

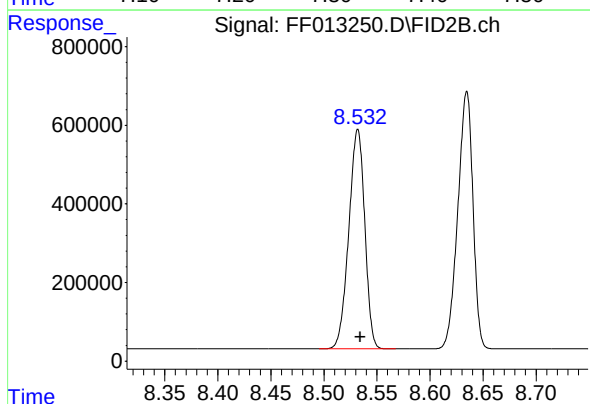
FID_F

ClientSampleId :

PB154970BSD

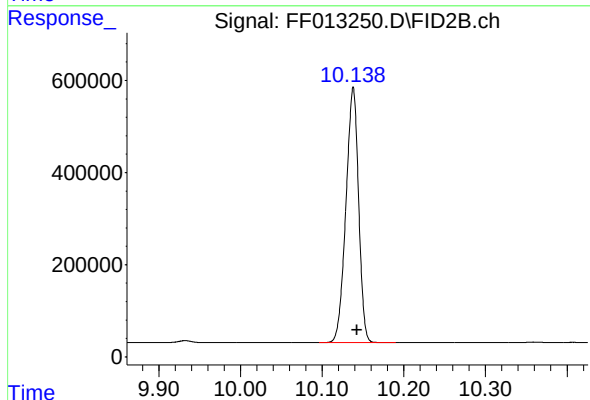
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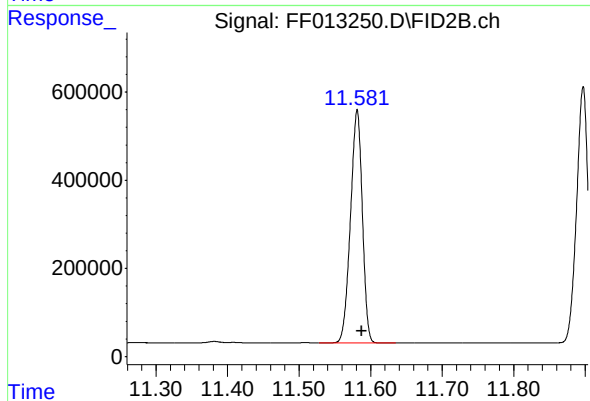
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.002 min
Response: 5849626
Conc: 54.19 ug/ml



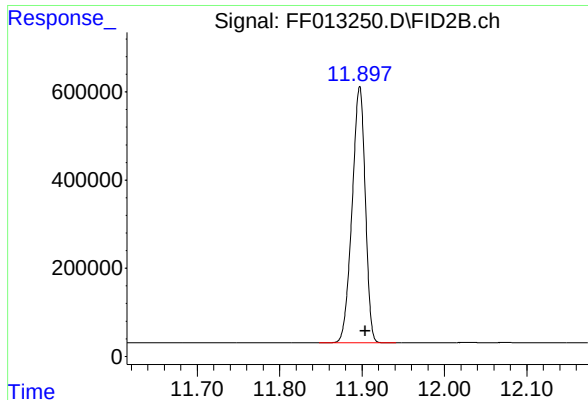
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.004 min
Response: 5968575
Conc: 55.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.006 min
Response: 6079871
Conc: 55.52 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: -0.007 min
Response: 6458011
Conc: 47.00 ug/ml

Instrument :

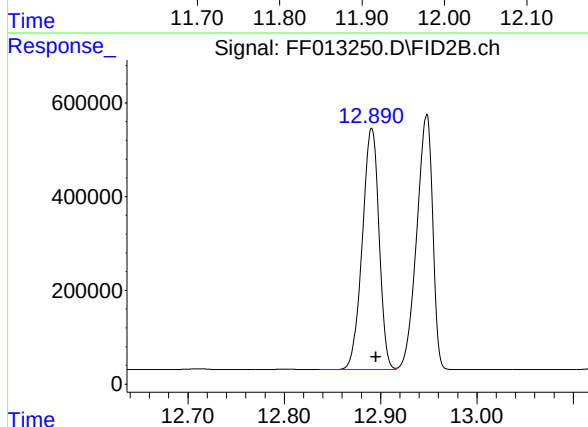
FID_F

ClientSampleId :

PB154970BSD

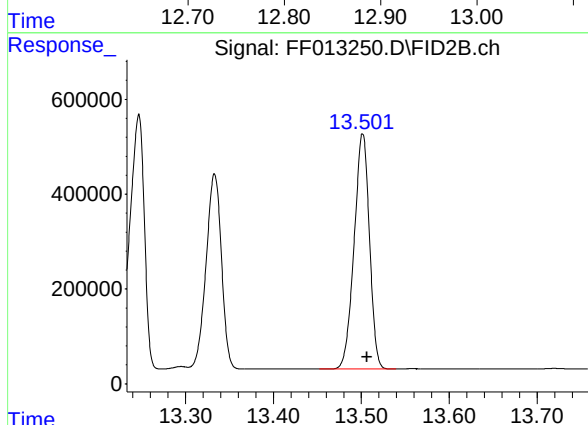
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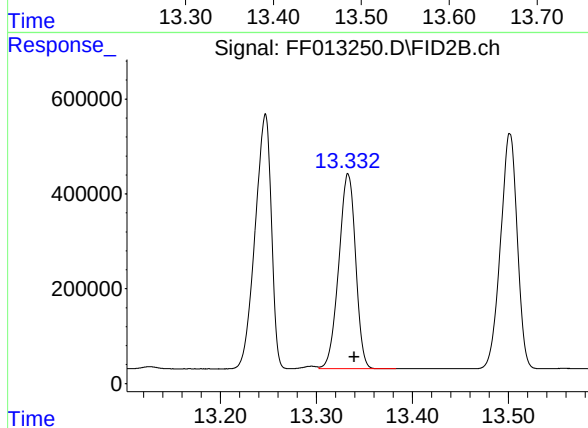
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.005 min
Response: 6210274
Conc: 56.60 ug/ml



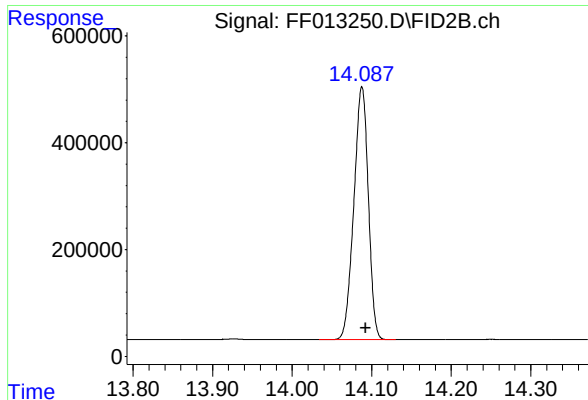
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.005 min
Response: 6010017
Conc: 54.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 5015126
Conc: 47.86 ug/ml



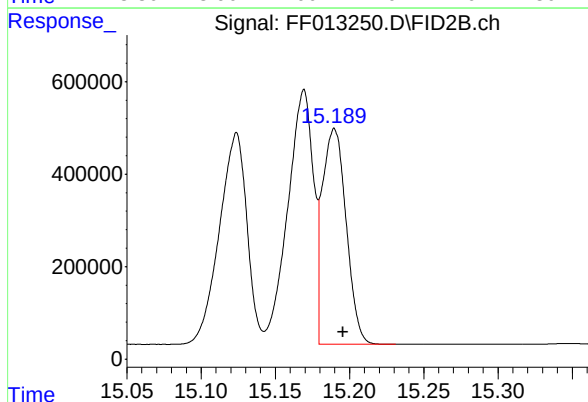
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: -0.005 min
Response: 5976556
Conc: 54.44 ug/ml

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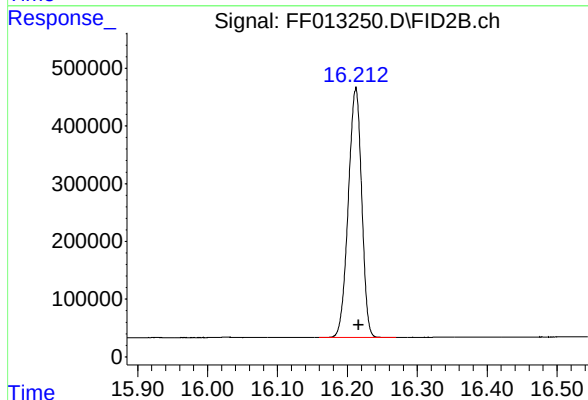
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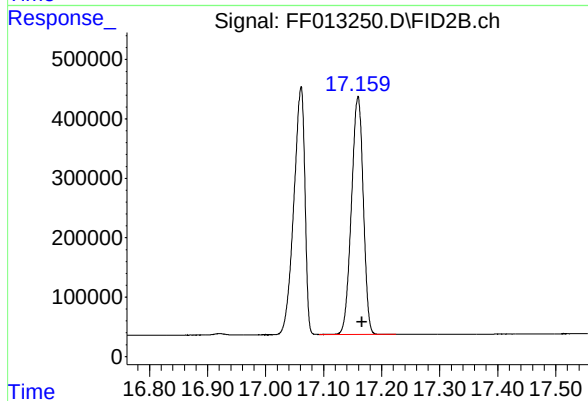
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.006 min
Response: 5200799
Conc: 47.34 ug/ml



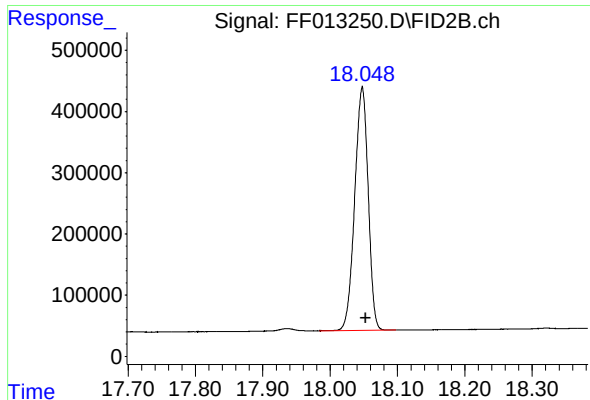
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: -0.004 min
Response: 5736855
Conc: 52.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 5686087
Conc: 52.66 ug/ml



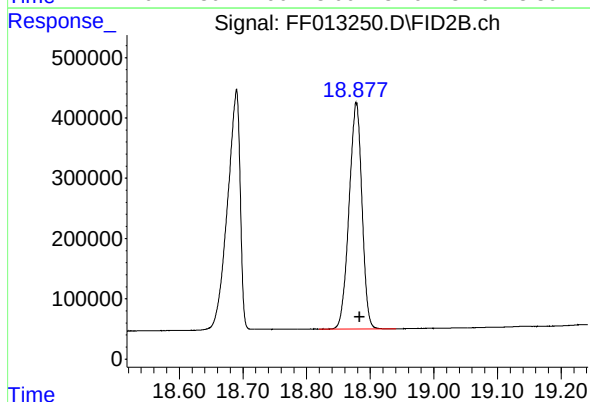
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.005 min
Response: 5522933
Conc: 50.50 ug/ml

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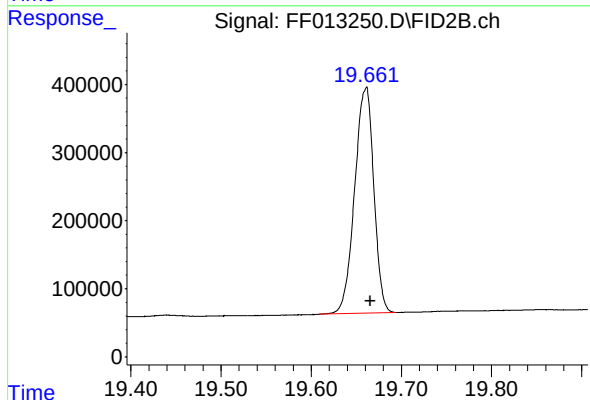
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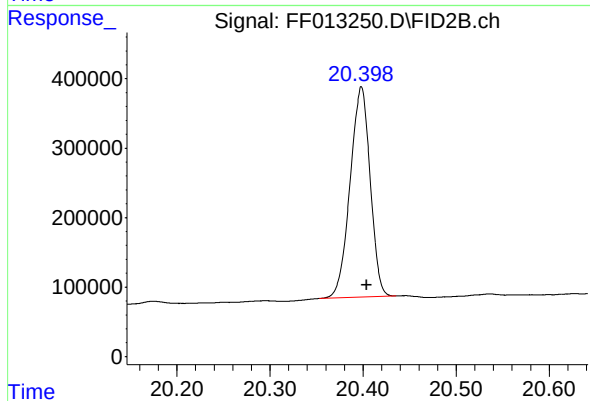
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.005 min
Response: 5286691
Conc: 46.80 ug/ml



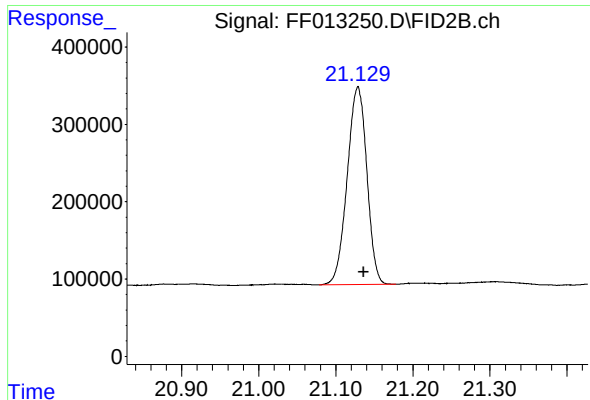
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.004 min
Response: 4885309
Conc: 45.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 4530318
Conc: 42.98 ug/ml m



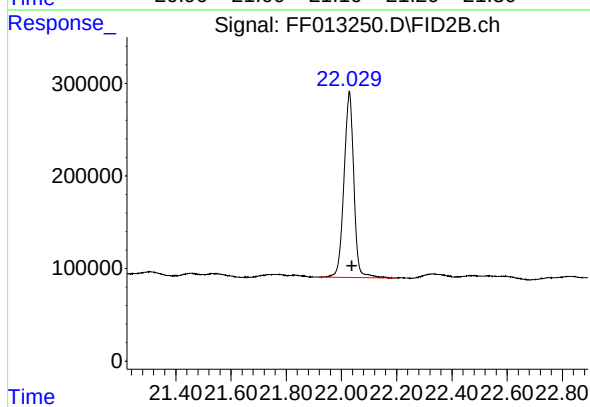
#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.007 min
Response: 4525832
Conc: 44.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.009 min
Response: 4969917
Conc: 50.00 ug/ml