

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044579.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 13:39
 Operator : YP\AJ
 Sample : PB156097BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156097BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e

Quant Time: Oct 05 00:16:52 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.922	8546424	45.523 ug/ml
Spiked Amount 50.000		Recovery =	91.05%
12) S 1-chlorooctadecane (S...	13.361	6711795	49.336 ug/ml
Spiked Amount 50.000		Recovery =	98.67%
Target Compounds			
1) T n-Nonane (C9)	3.319	7043781	43.386 ug/ml
2) T n-Decane (C10)	4.565	7666478	46.298 ug/ml
3) T A~Naphthalene (C11.7)	6.261	8281682	46.322 ug/ml
4) T n-Dodecane (C12)	6.724	8147237	48.982 ug/ml
5) T A~2-methylnaphthalene...	7.356	8181788	47.822 ug/ml
6) T n-Tetradecane (C14)	8.553	8202720	49.966 ug/ml
7) T n-Hexadecane (C16)	10.160	8330744	49.176 ug/ml
8) T n-Octadecane (C18)	11.606	8347766	49.166 ug/ml
10) T n-Eicosane (C20)	12.917	8339363	51.833 ug/ml
11) T n-Heneicosane (C21)	13.529	7964982	50.867 ug/ml
13) T n-Docosane (C22)	14.116	7836233	50.808 ug/ml
14) T n-Tetracosane (C24)	15.203	14626819	96.760 ug/mlm
15) T n-Hexacosane (C26)	16.244	7328110	49.819 ug/ml
16) T n-Octacosane (C28)	17.193	7294902	50.863 ug/ml
17) T n-Tricontane (C30)	18.084	7201051	48.579 ug/ml
18) T n-Dotriacontane (C32)	18.915	7071995	47.772 ug/ml
19) T n-Tetratriacontane (C34)	19.701	7082023	48.460 ug/ml
20) T n-Hexatriacontane (C36)	20.442	6893606	47.525 ug/ml
21) T n-Octatriacontane (C38)	21.184	7235241	48.303 ug/ml
22) T n-Tetracontane (C40)	22.105	7486909	47.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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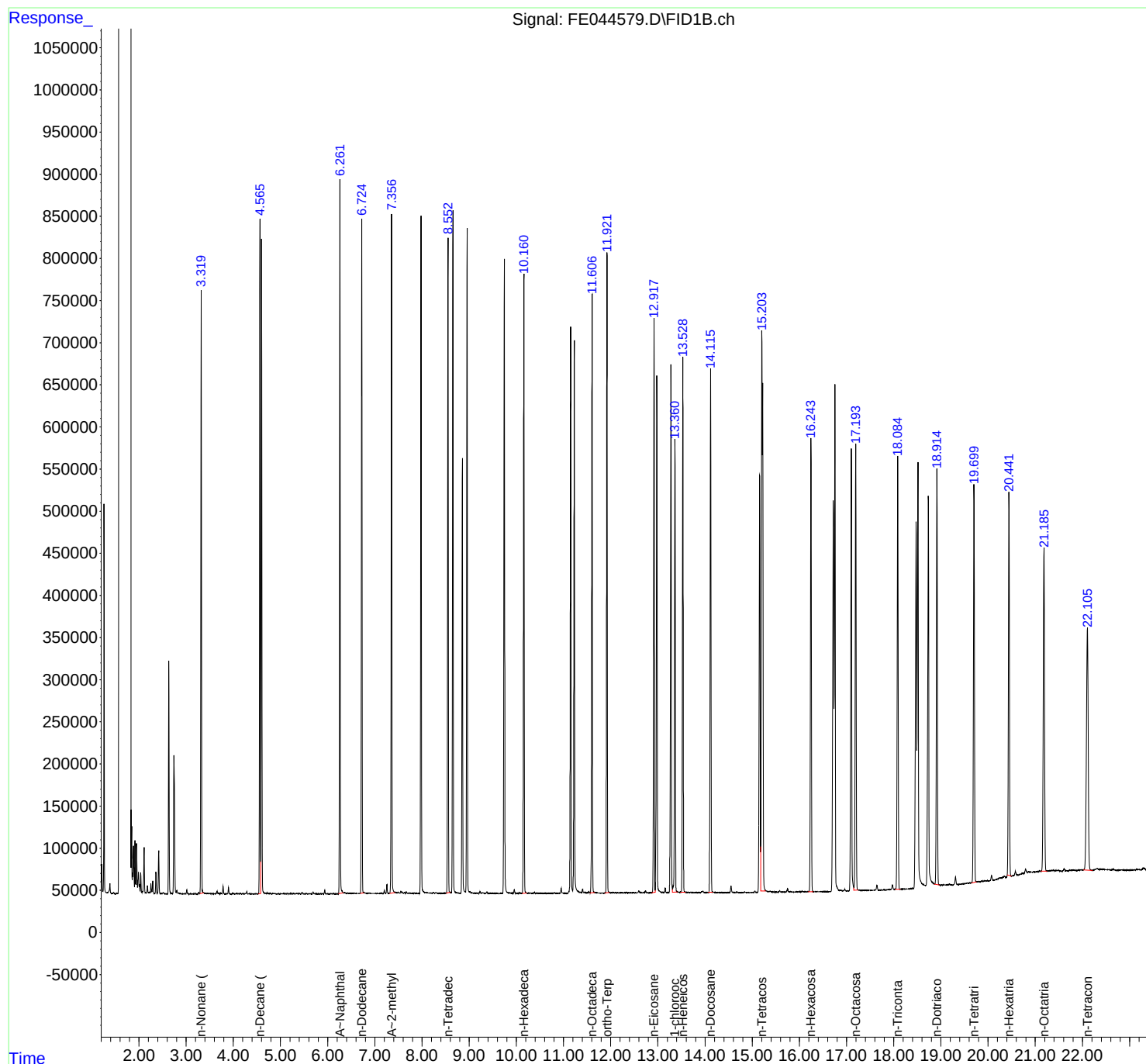
Response via : Initial Calibration

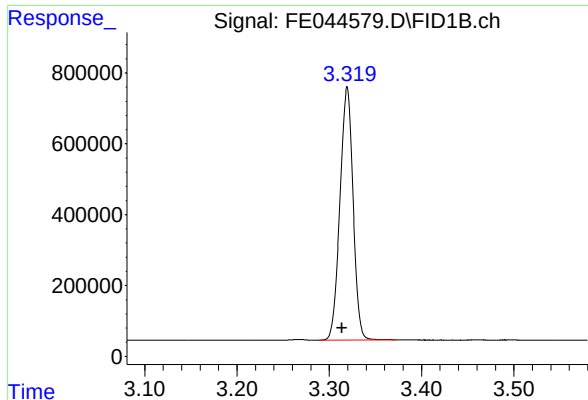
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.005 min
Response: 7043781
Conc: 43.39 ug/ml

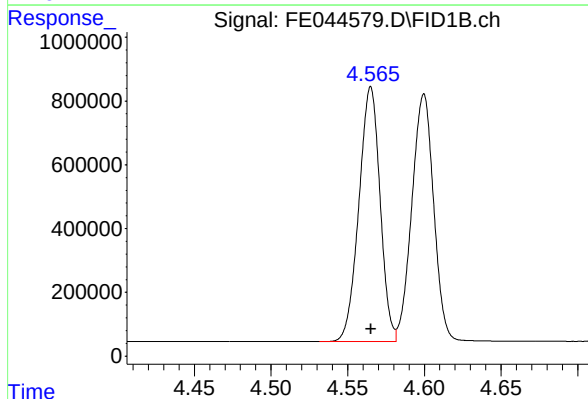
Instrument :

FID_E

ClientSampleId :
PB156097BS

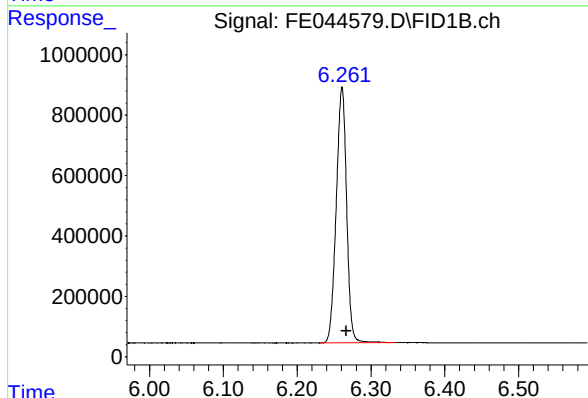
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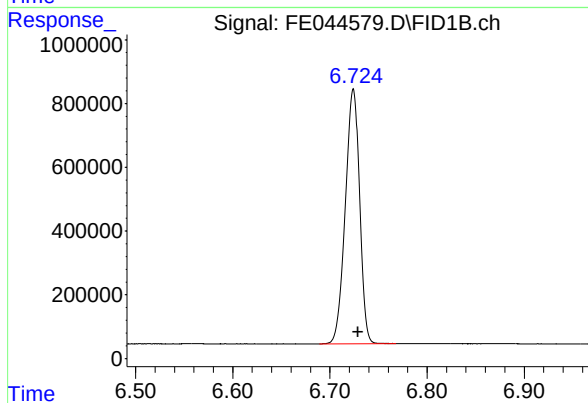
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 7666478
Conc: 46.30 ug/ml



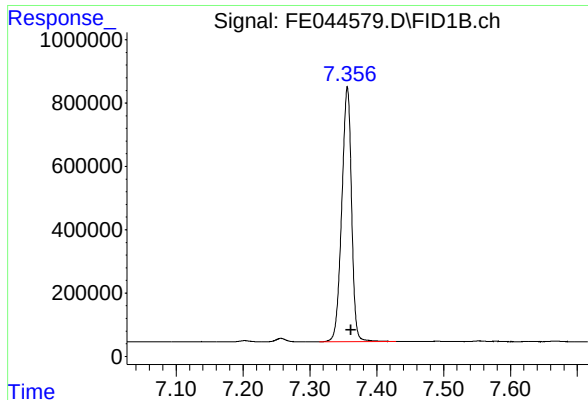
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 8281682
Conc: 46.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 8147237
Conc: 48.98 ug/ml



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

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 8181788
Conc: 47.82 ug/ml

Instrument :

FID_E

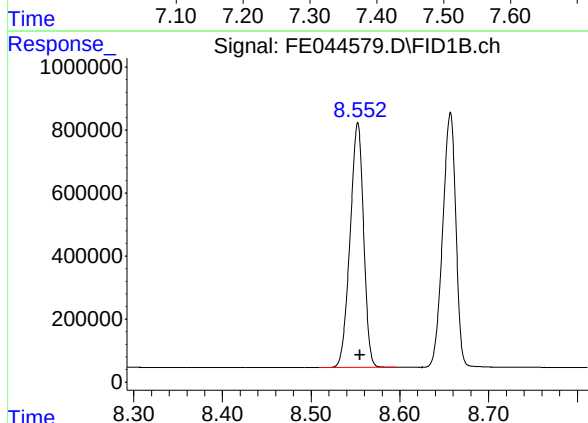
ClientSampleId :

PB156097BS

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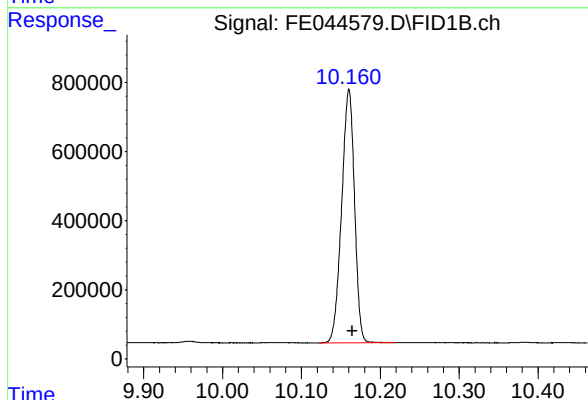
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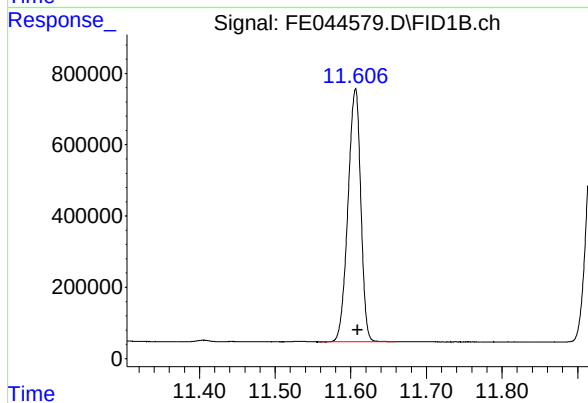
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.003 min
Response: 8202720
Conc: 49.97 ug/ml



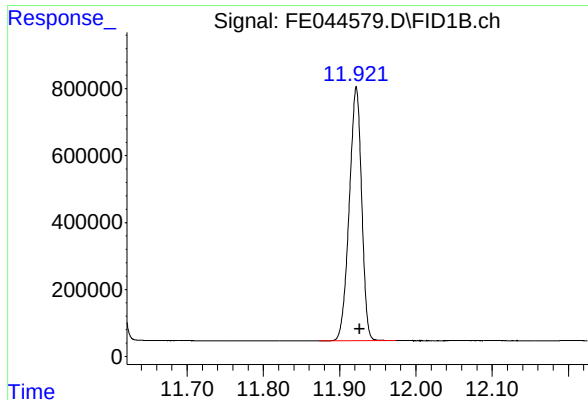
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.004 min
Response: 8330744
Conc: 49.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.003 min
Response: 8347766
Conc: 49.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.004 min
Response: 8546424
Conc: 45.52 ug/ml

Instrument :

FID_E

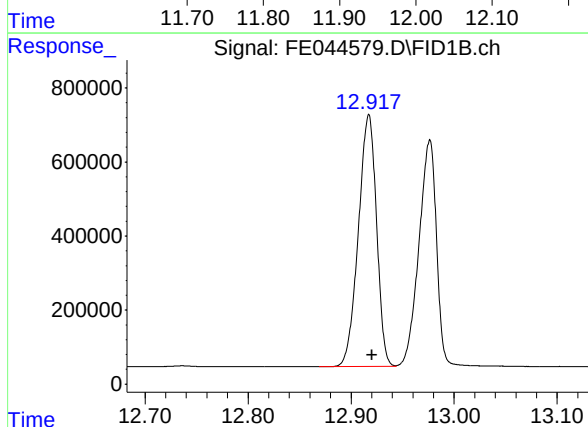
ClientSampleId :

PB156097BS

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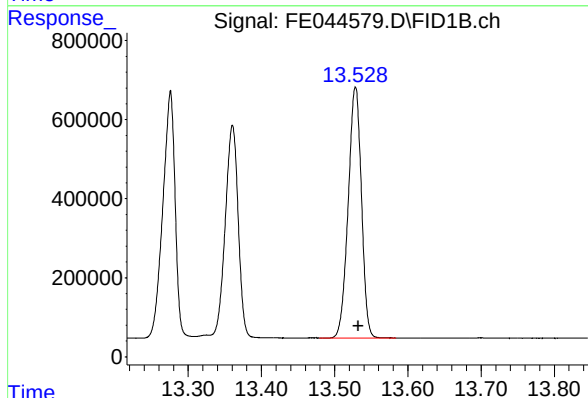
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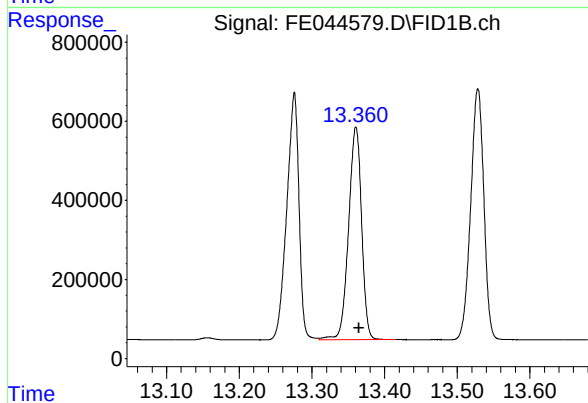
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 8339363
Conc: 51.83 ug/ml



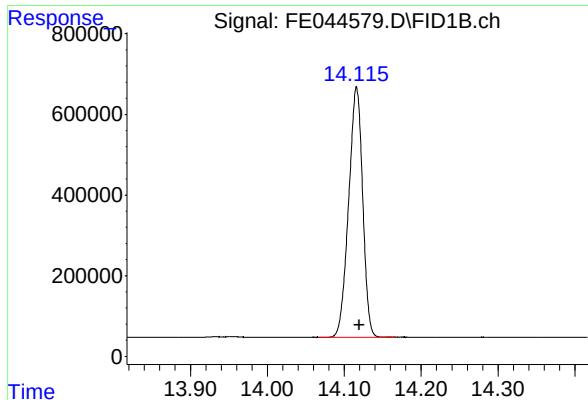
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.004 min
Response: 7964982
Conc: 50.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.004 min
Response: 6711795
Conc: 49.34 ug/ml



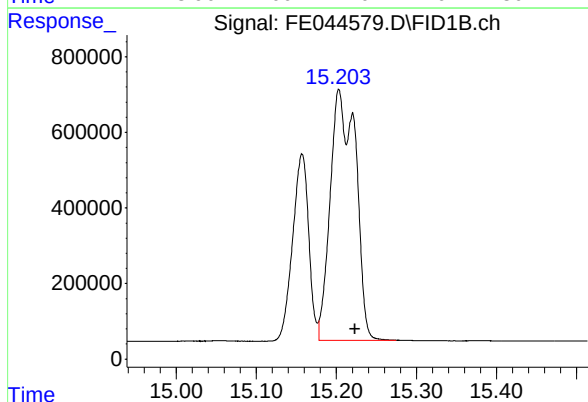
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.004 min
Response: 7836233
Conc: 50.81 ug/ml

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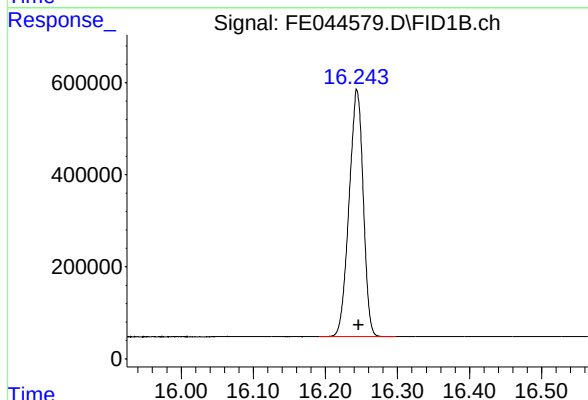
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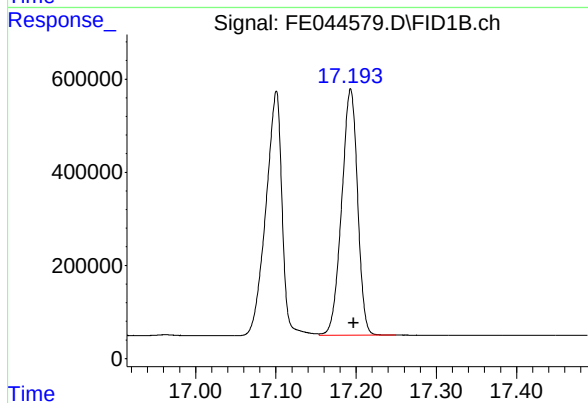
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.021 min
Response: 14626819
Conc: 96.76 ug/ml m



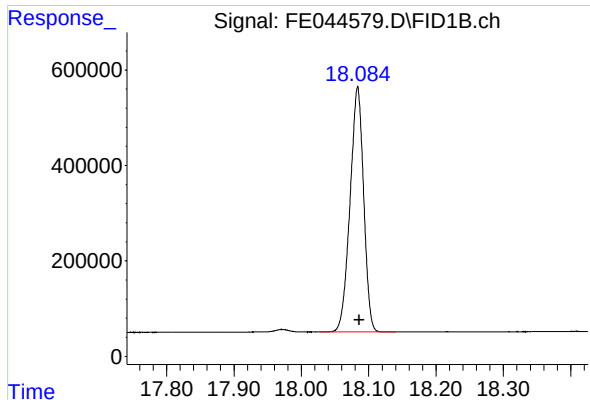
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.002 min
Response: 7328110
Conc: 49.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 7294902
Conc: 50.86 ug/ml



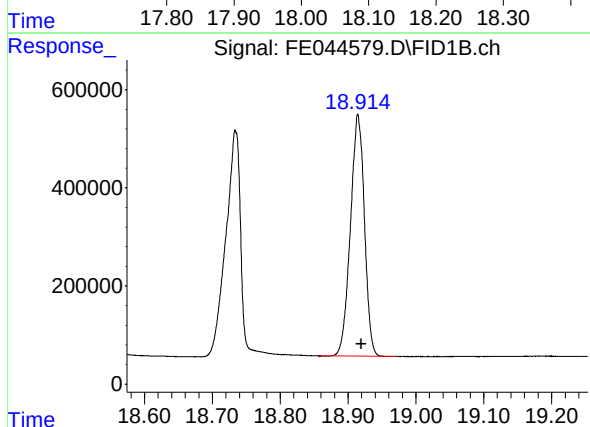
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.003 min
Response: 7201051
Conc: 48.58 ug/ml

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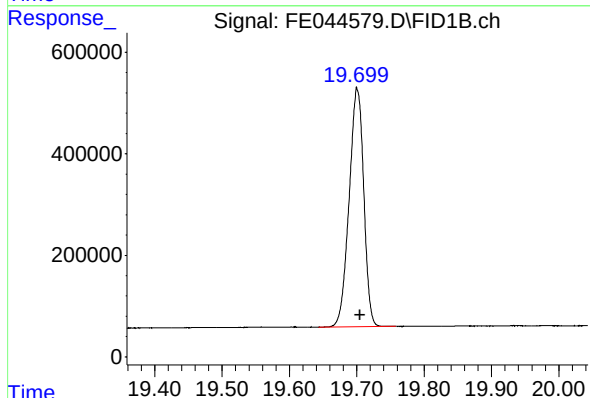
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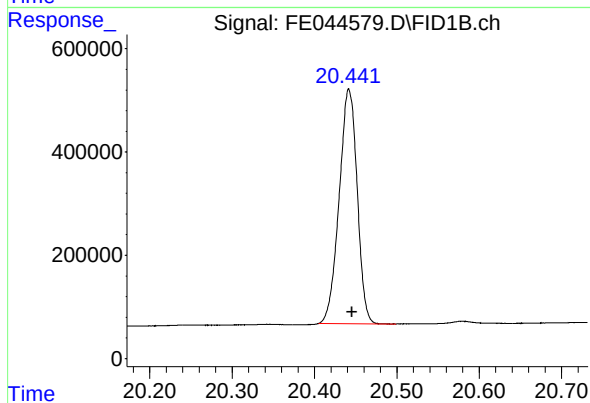
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.005 min
Response: 7071995
Conc: 47.77 ug/ml



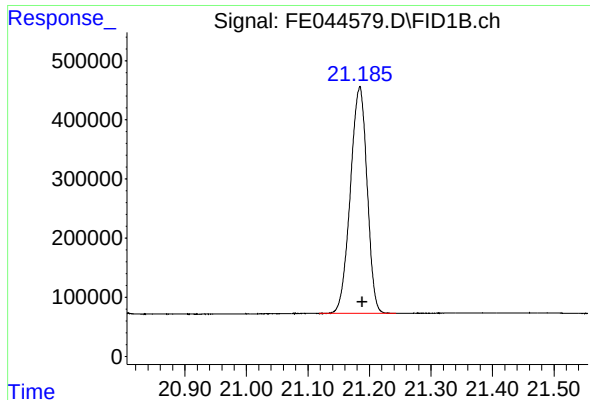
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.004 min
Response: 7082023
Conc: 48.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.004 min
Response: 6893606
Conc: 47.52 ug/ml



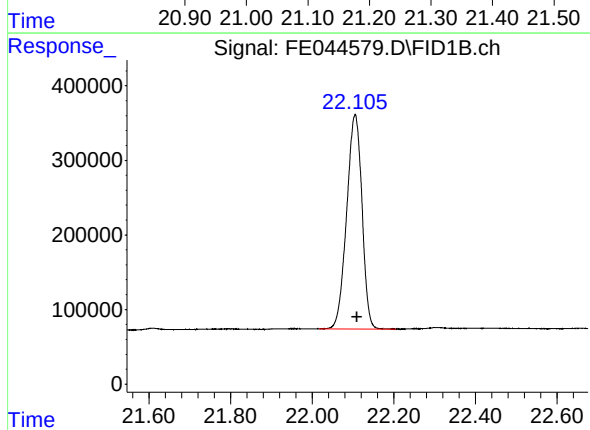
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 7235241
Conc: 48.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.004 min
Response: 7486909
Conc: 47.44 ug/ml