

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046161.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 22:06
 Operator : YP\AJ
 Sample : P1085-07MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-4MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :Ankita Jodhani 01/11/2024

Integration File: autoint1.e

Quant Time: Jan 11 01:17:01 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.836	7337964	40.379 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
12) S 1-chlorooctadecane (S...	13.277	5658735	42.352 ug/ml
Spiked Amount 50.000		Recovery =	84.70%
Target Compounds			
1) T n-Nonane (C9)	3.221	4688628	30.636 ug/ml
2) T n-Decane (C10)	4.471	5466084	35.220 ug/ml
3) T A~Naphthalene (C11.7)	6.173	6681681	40.177 ug/ml
4) T n-Dodecane (C12)	6.638	6273965	40.183 ug/ml
5) T A~2-methylnaphthalene...	7.269	6769004	42.516 ug/ml
6) T n-Tetradecane (C14)	8.466	6688482	42.937 ug/ml
7) T n-Hexadecane (C16)	10.075	6986247	44.117 ug/ml
8) T n-Octadecane (C18)	11.521	7185953	45.656 ug/ml
10) T n-Eicosane (C20)	12.833	7188364	47.518 ug/ml
11) T n-Heneicosane (C21)	13.445	6867988	46.705 ug/ml
13) T n-Docosane (C22)	14.033	6780464	46.387 ug/ml
14) T n-Tetracosane (C24)	15.137	14839549	102.318 ug/ml
15) T n-Hexacosane (C26)	16.165	6412454	44.727 ug/ml
16) T n-Octacosane (C28)	17.116	7578427	52.841 ug/ml
17) T n-Tricontane (C30)	18.008	6377063	42.904 ug/ml
18) T n-Dotriacontane (C32)	18.841	6629969	44.329 ug/ml
19) T n-Tetratriacontane (C34)	19.628	6291710	43.919 ug/ml
20) T n-Hexatriacontane (C36)	20.370	6192505	42.472 ug/ml
21) T n-Octatriacontane (C38)	21.104	6533646	44.308 ug/ml
22) T n-Tetracontane (C40)	22.003	6759160	43.182 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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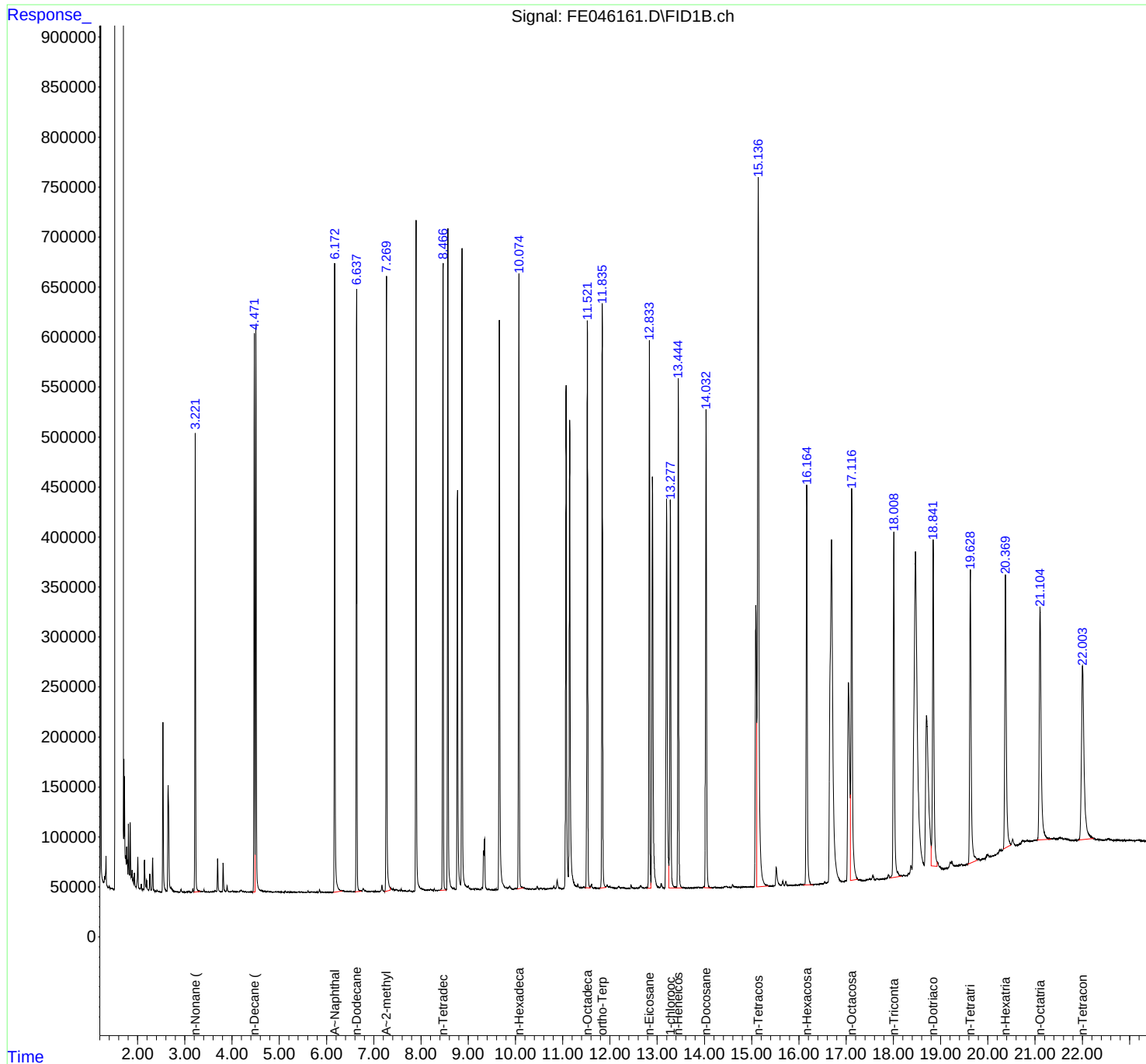
Response via : Initial Calibration

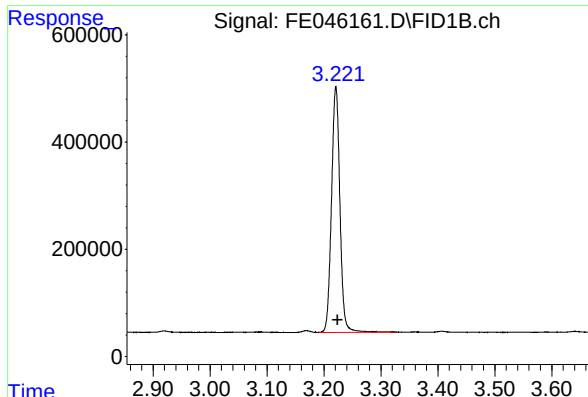
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 4688628
Conc: 30.64 ug/ml

Instrument :

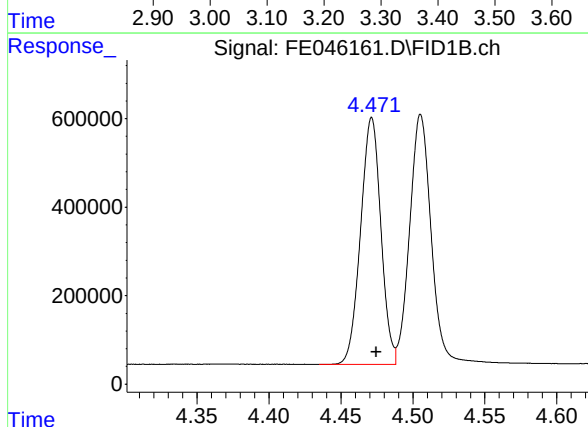
FID_E

ClientSampleId :

TP-4MSD

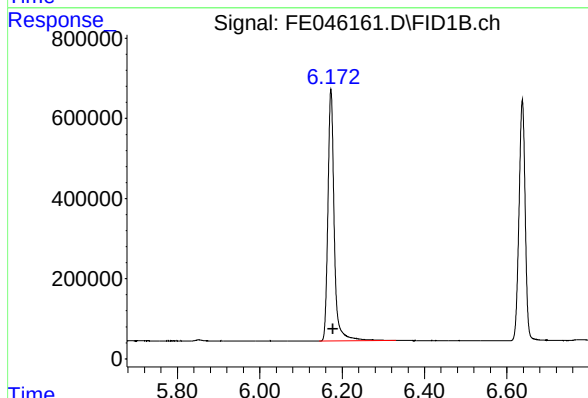
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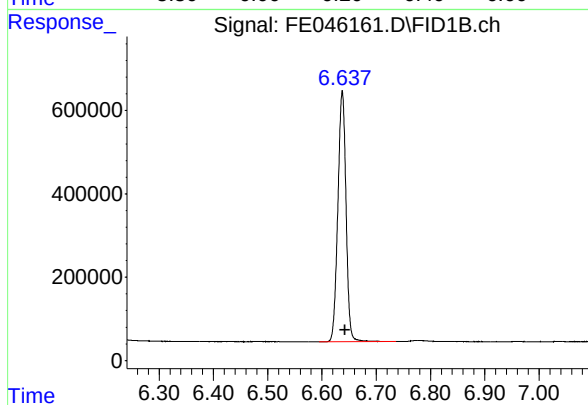
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 5466084
Conc: 35.22 ug/ml



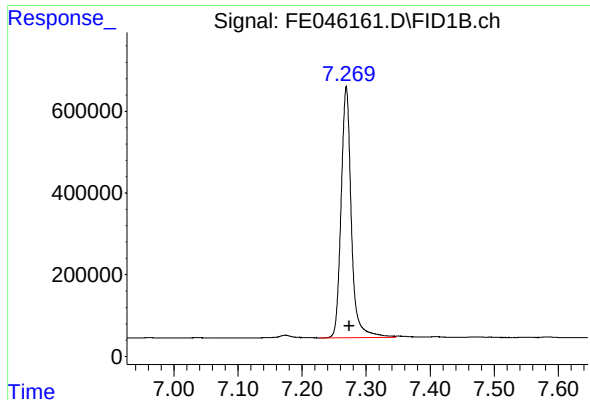
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 6681681
Conc: 40.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 6273965
Conc: 40.18 ug/ml



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

R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 6769004
Conc: 42.52 ug/ml

Instrument :

FID_E

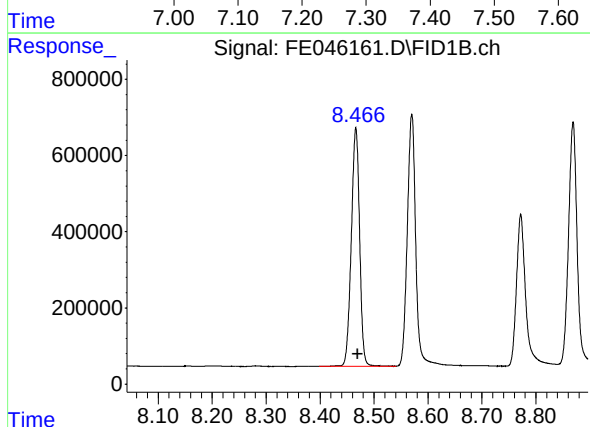
ClientSampleId :

TP-4MSD

Manual Integrations

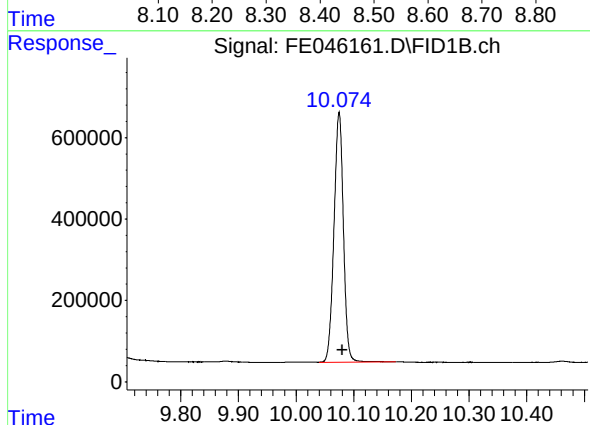
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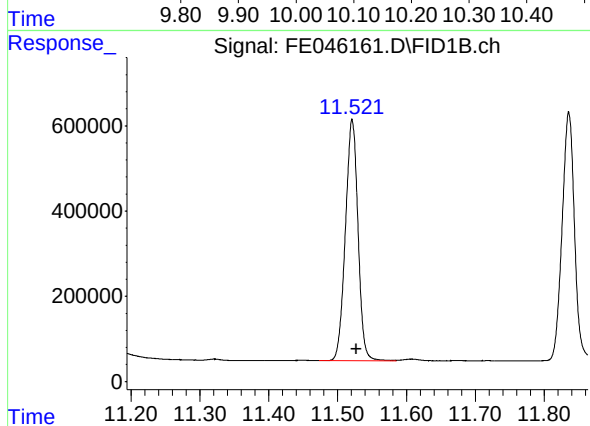
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.003 min
Response: 6688482
Conc: 42.94 ug/ml



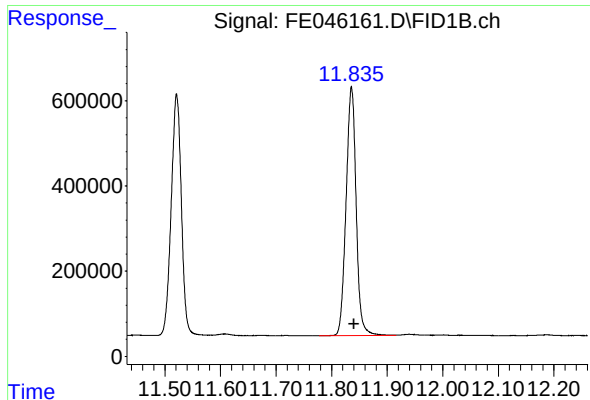
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.006 min
Response: 6986247
Conc: 44.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 7185953
Conc: 45.66 ug/ml



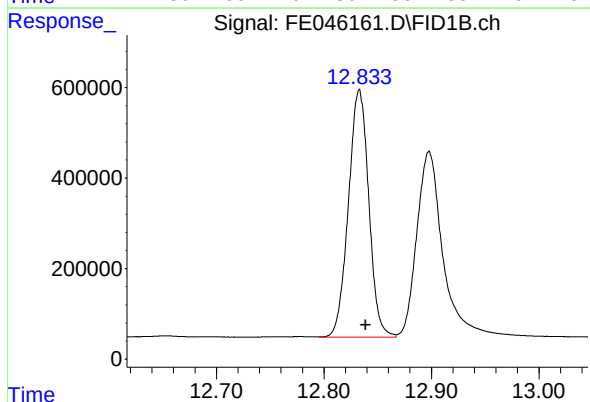
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 7337964
Conc: 40.38 ug/ml

Instrument :
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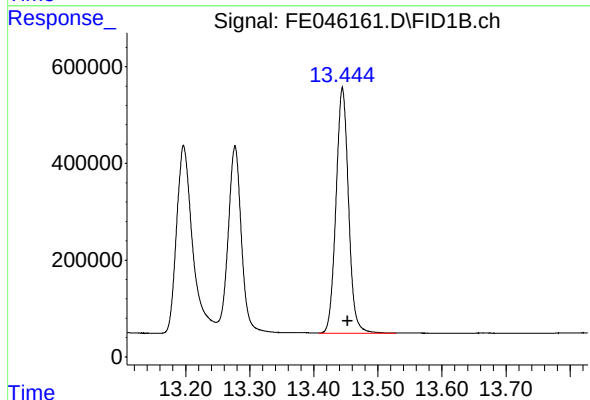
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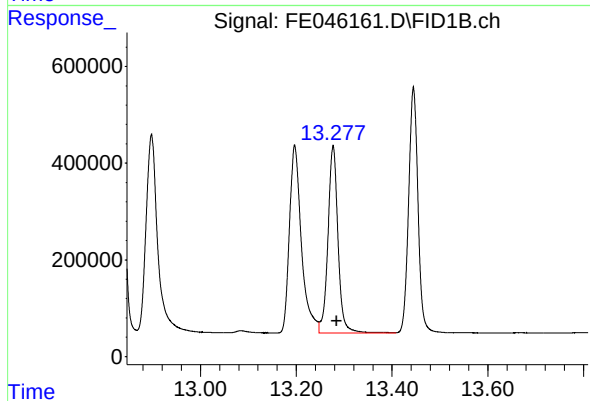
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.006 min
Response: 7188364
Conc: 47.52 ug/ml



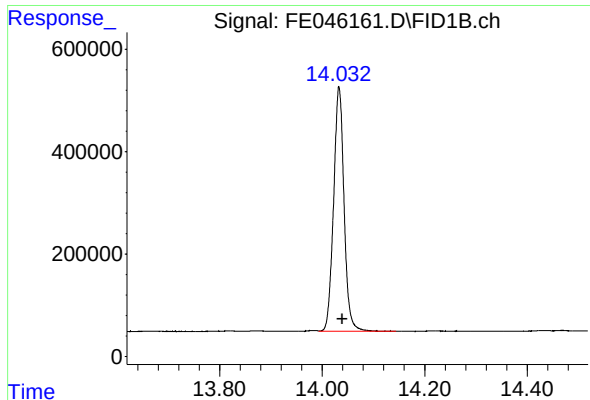
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.008 min
Response: 6867988
Conc: 46.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.007 min
Response: 5658735
Conc: 42.35 ug/ml



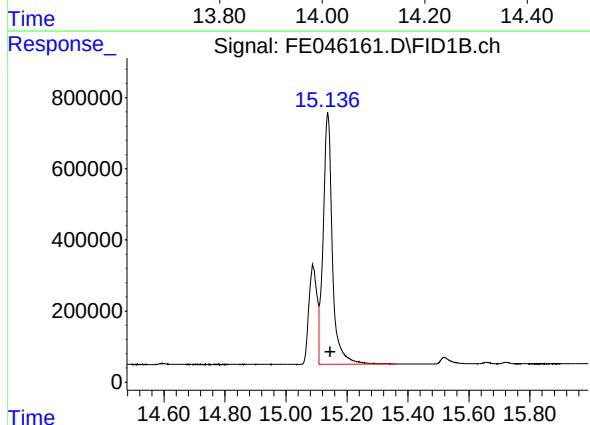
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.007 min
Response: 6780464
Conc: 46.39 ug/ml

Instrument :
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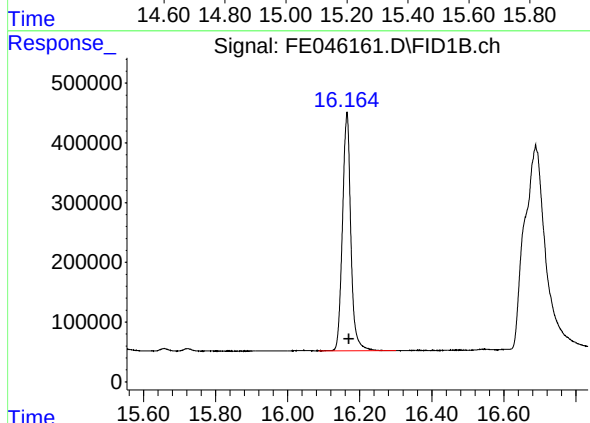
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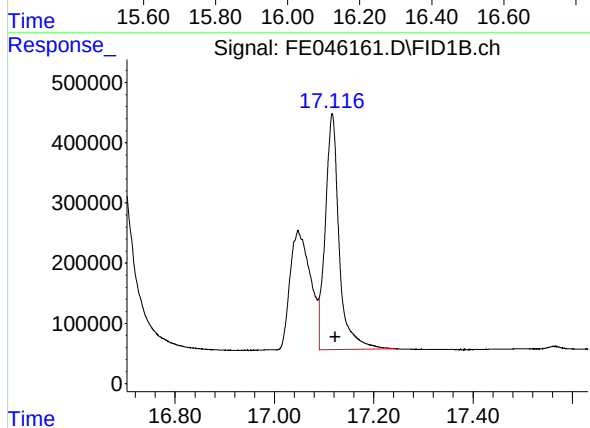
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.009 min
Response: 14839549
Conc: 102.32 ug/ml



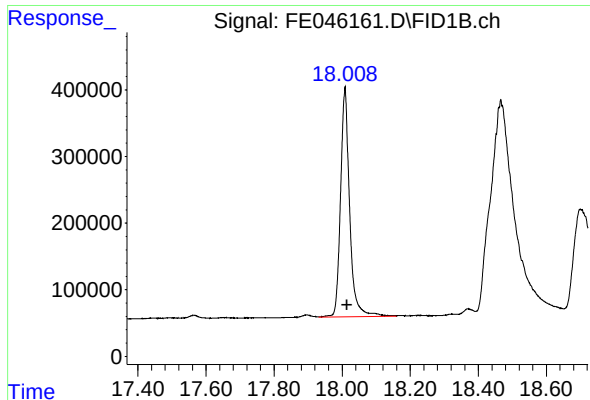
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 6412454
Conc: 44.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.007 min
Response: 7578427
Conc: 52.84 ug/ml m



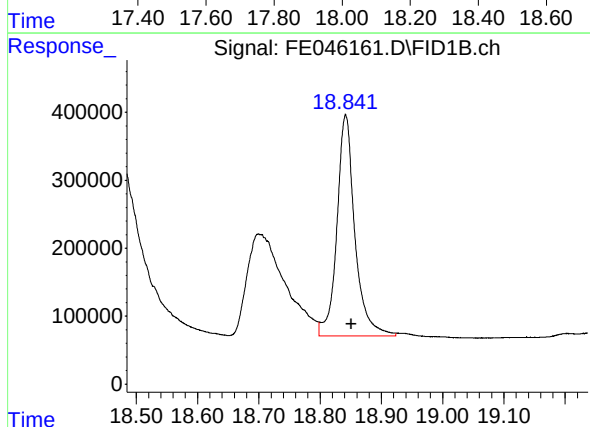
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.005 min
Response: 6377063
Conc: 42.90 ug/ml

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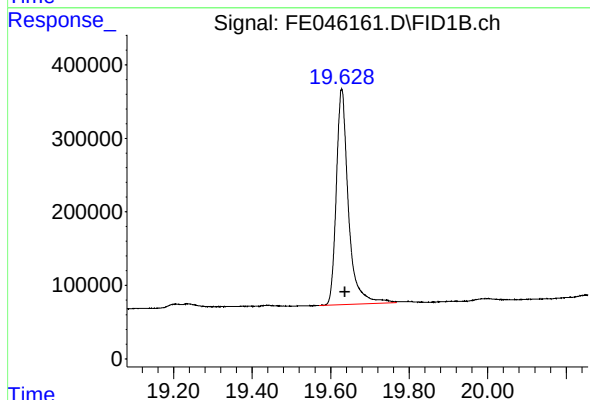
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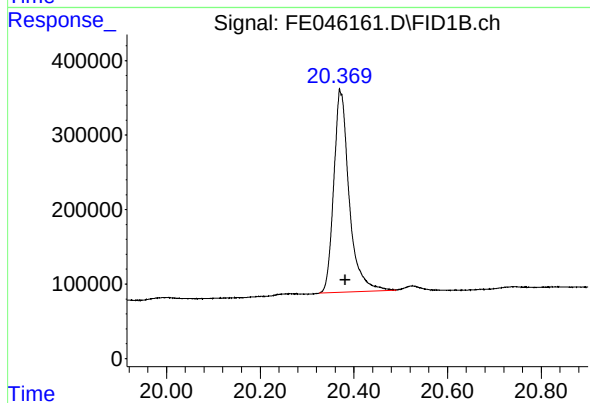
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 6629969
Conc: 44.33 ug/ml



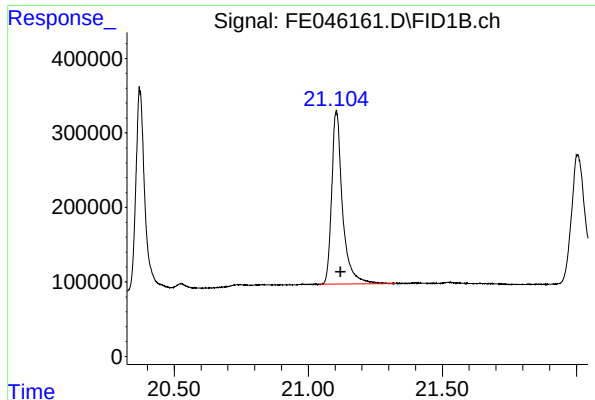
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.008 min
Response: 6291710
Conc: 43.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.012 min
Response: 6192505
Conc: 42.47 ug/ml



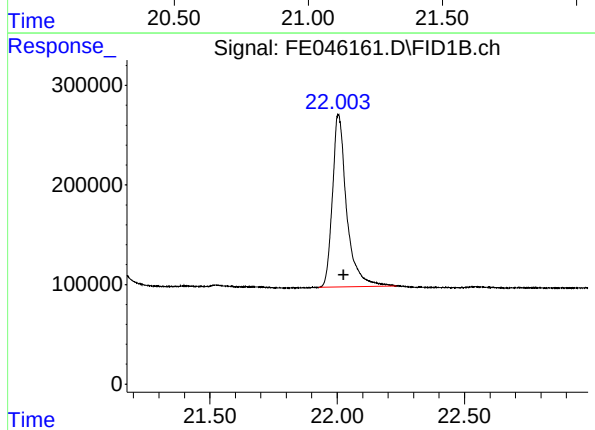
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.015 min
Response: 6533646
Conc: 44.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.022 min
Response: 6759160
Conc: 43.18 ug/ml m