

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110124AL\
 Data File : FE050974.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2024 20:04
 Operator : YP\AJ
 Sample : P4643-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-F8MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

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)	11.855	6364201	40.368 ug/mlm
Spiked Amount 50.000		Recovery =	80.74%
12) S 1-chlorooctadecane (S...	13.287	5031758	42.536 ug/ml
Spiked Amount 50.000		Recovery =	85.07%
Target Compounds			
1) T n-Nonane (C9)	3.242	4659417	32.978 ug/ml
2) T n-Decane (C10)	4.493	5232715	36.471 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5470351	38.257 ug/ml
4) T n-Dodecane (C12)	6.661	5672697	39.412 ug/ml
5) T A~2-methylnaphthalene...	7.300	5200904	39.258 ug/ml
6) T n-Tetradecane (C14)	8.489	6115679	42.747 ug/ml
7) T n-Hexadecane (C16)	10.093	6584161	44.739 ug/ml
8) T n-Octadecane (C18)	11.535	6834138	45.753 ug/ml
10) T n-Eicosane (C20)	12.843	6918776	48.248 ug/ml
11) T n-Heneicosane (C21)	13.453	6663473	47.449 ug/ml
13) T n-Docosane (C22)	14.038	6657698	47.455 ug/ml
14) T n-Tetracosane (C24)	15.140	12564298	88.934 ug/mlm
15) T n-Hexacosane (C26)	16.159	6587821	46.816 ug/mlm
16) T n-Octacosane (C28)	17.109	7396605	50.547 ug/mlm
17) T n-Tricontane (C30)	17.995	6827974	42.943 ug/ml
18) T n-Dotriacontane (C32)	18.827	7013948	43.266 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	6993054	47.607 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	6933734	54.676 ug/ml
21) T n-Octatriacontane (C38)	21.073	6698630	54.175 ug/ml
22) T n-Tetracontane (C40)	21.955	5993043	53.821 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

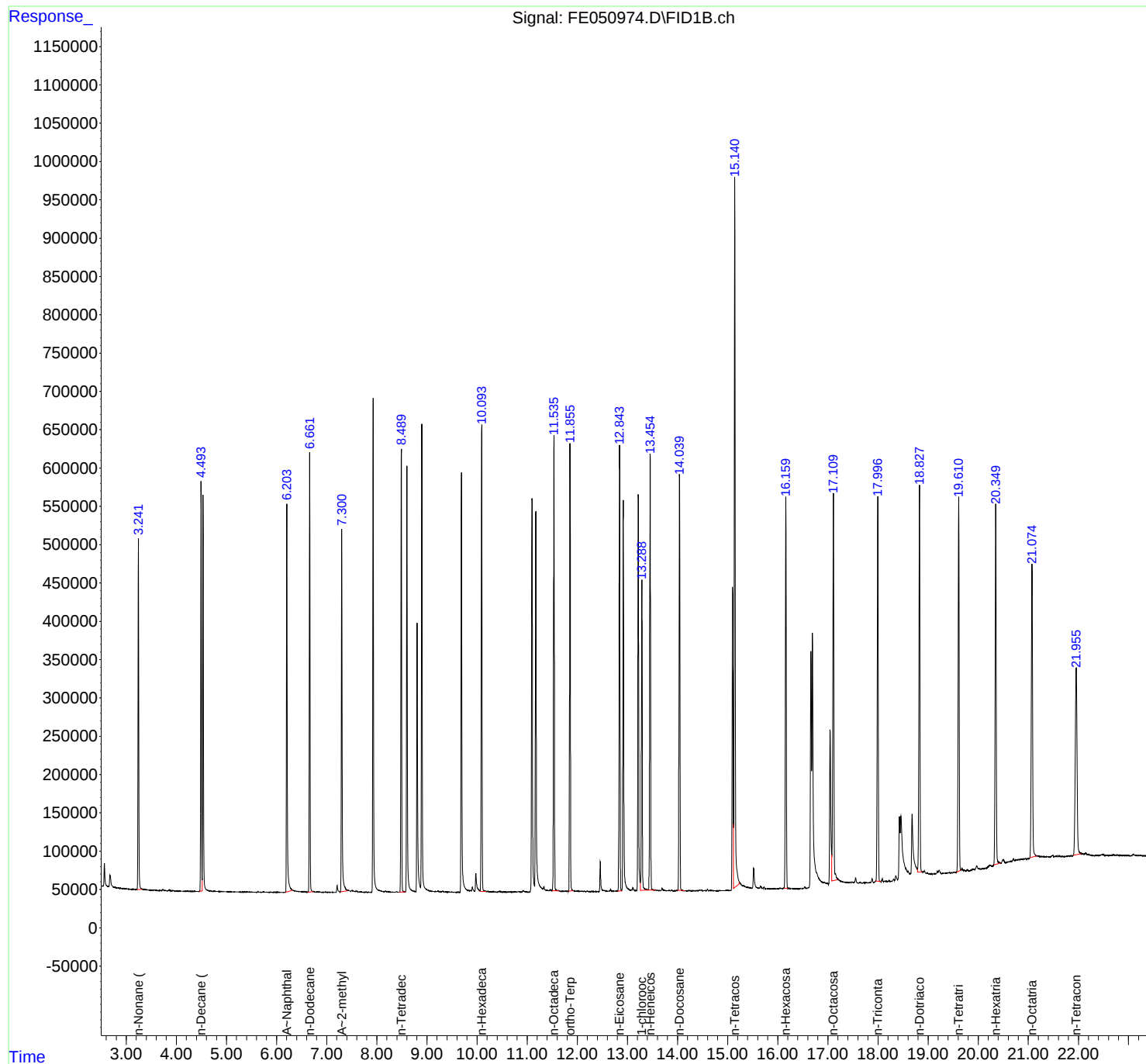
Instrument :
FID_E
ClientSampleId :
BP-F8MS

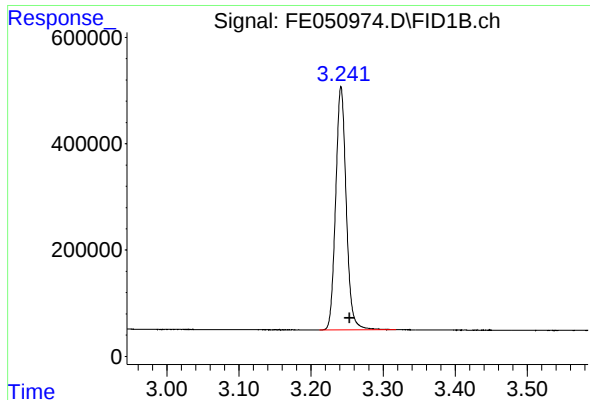
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





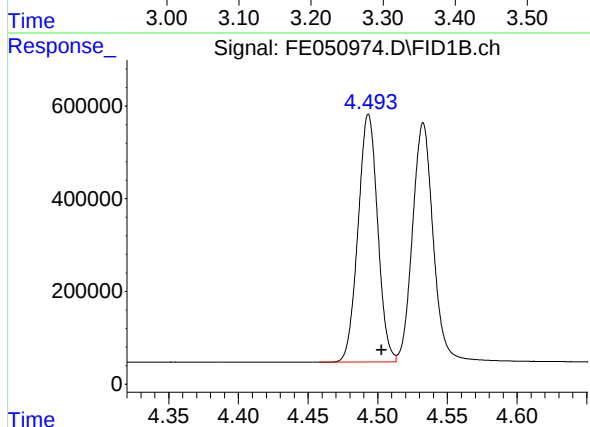
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.012 min
Response: 4659417
Conc: 32.98 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F8MS

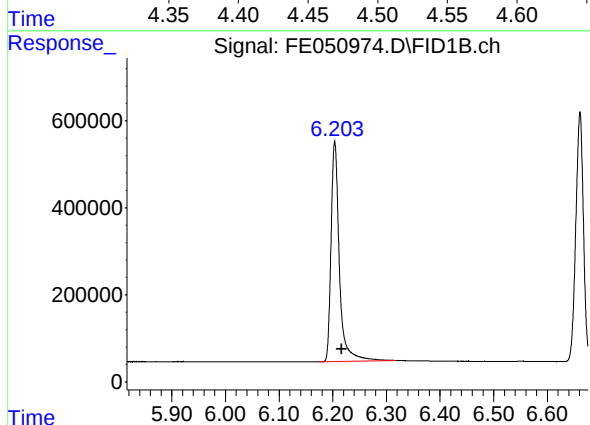
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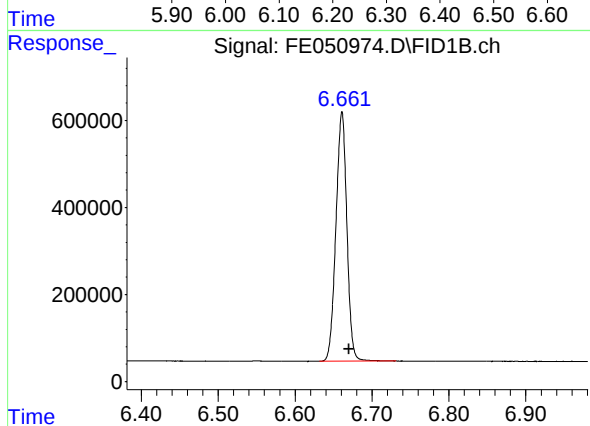
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.010 min
Response: 5232715
Conc: 36.47 ug/ml



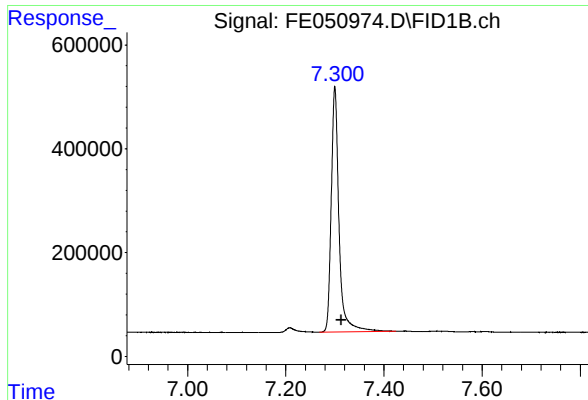
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.013 min
Response: 5470351
Conc: 38.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 5672697
Conc: 39.41 ug/ml



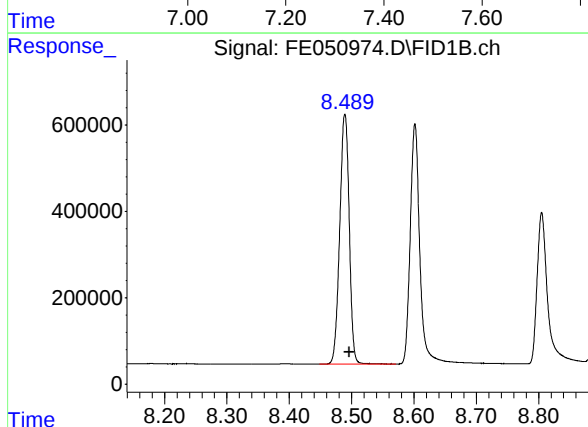
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5200904
Conc: 39.26 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F8MS

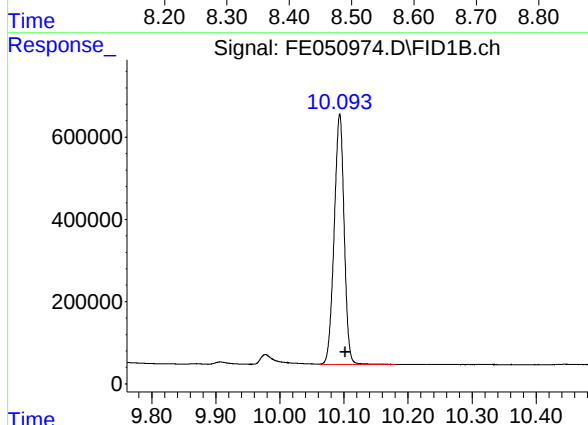
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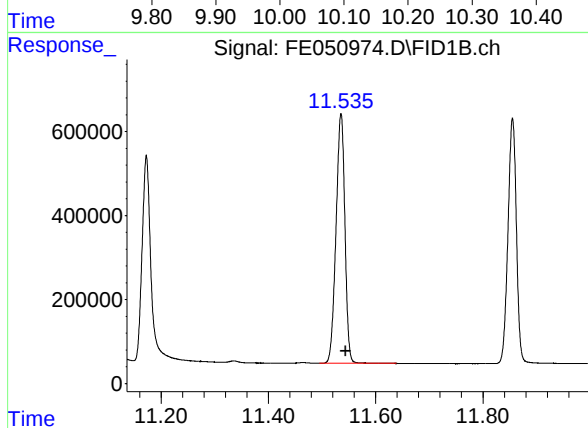
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 6115679
Conc: 42.75 ug/ml



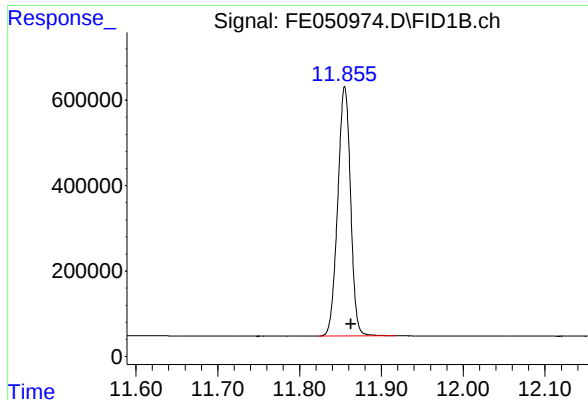
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.009 min
Response: 6584161
Conc: 44.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 6834138
Conc: 45.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 6364201
Conc: 40.37 ug/ml

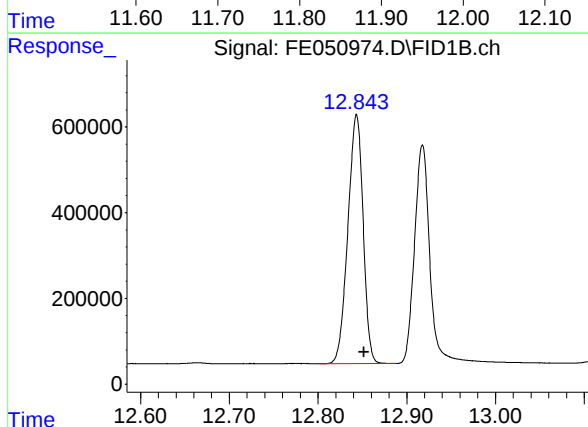
Instrument :

FID_E

ClientSampleId :
BP-F8MS

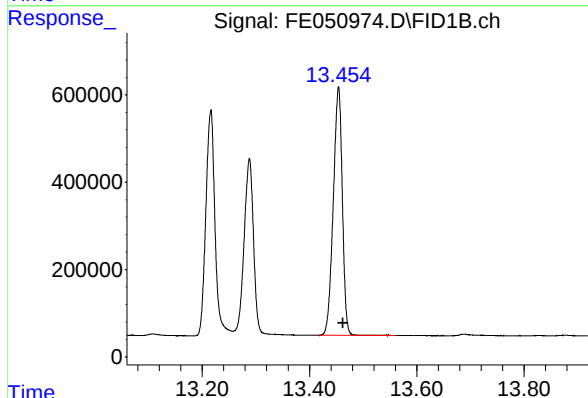
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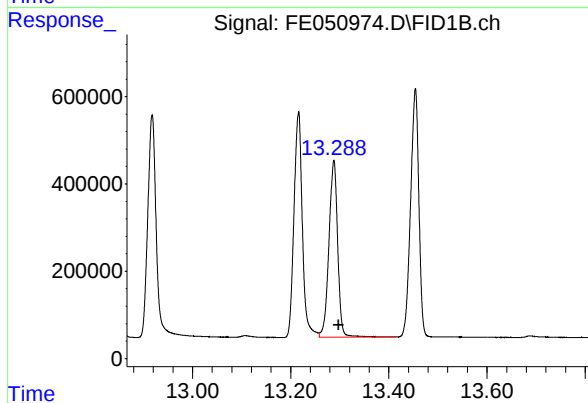
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 6918776
Conc: 48.25 ug/ml



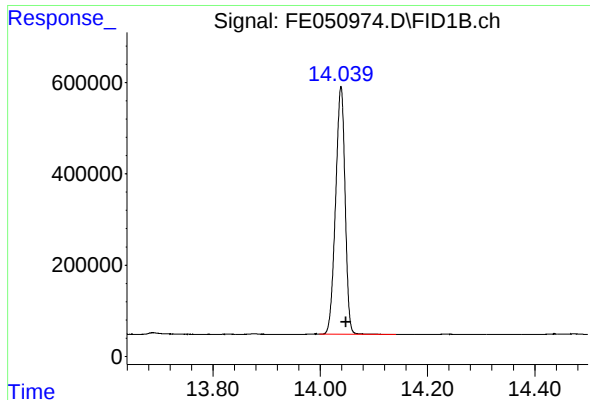
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.009 min
Response: 6663473
Conc: 47.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.010 min
Response: 5031758
Conc: 42.54 ug/ml



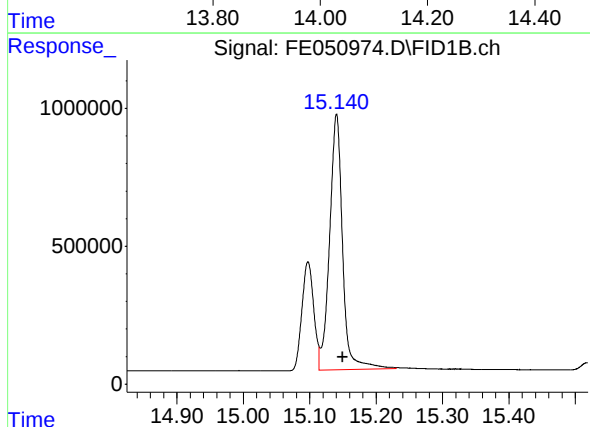
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 6657698
Conc: 47.45 ug/ml

Instrument :
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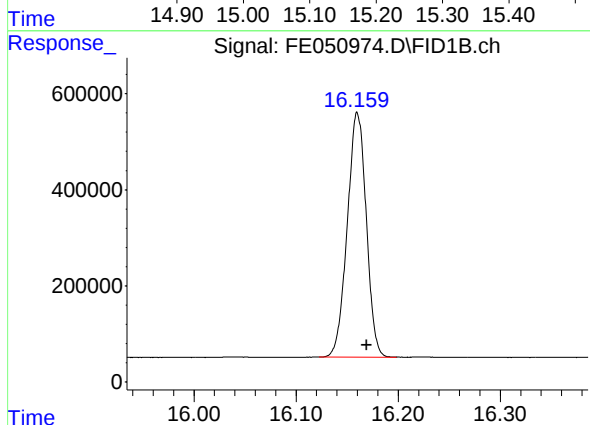
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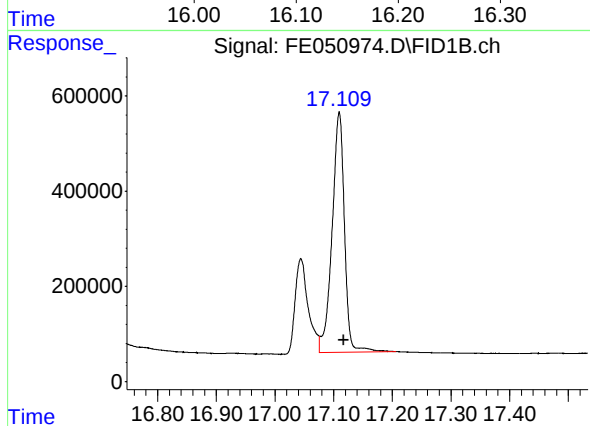
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 12564298
Conc: 88.93 ug/ml



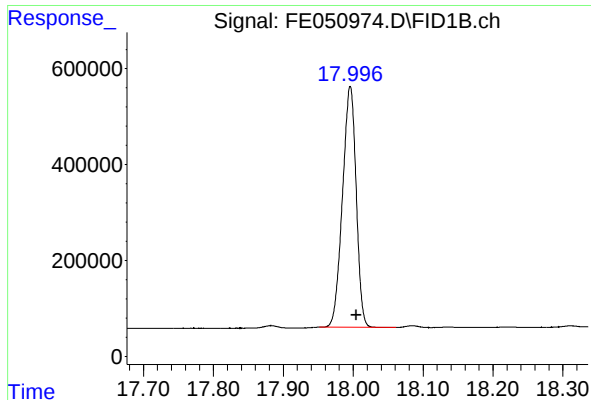
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 6587821
Conc: 46.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.008 min
Response: 7396605
Conc: 50.55 ug/ml



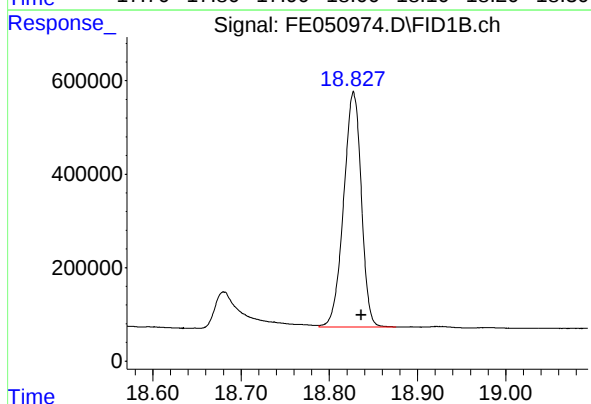
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 6827974
Conc: 42.94 ug/ml

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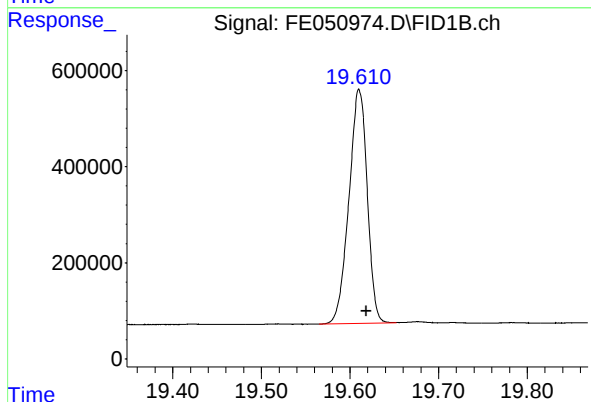
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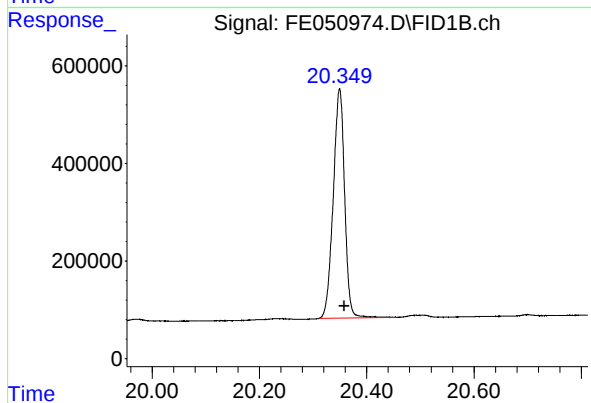
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.009 min
Response: 7013948
Conc: 43.27 ug/ml m



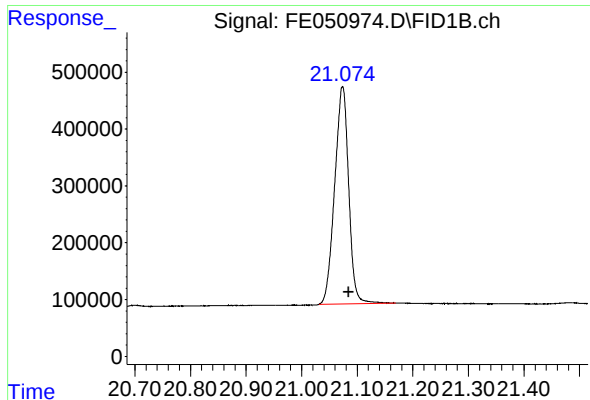
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 6993054
Conc: 47.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.010 min
Response: 6933734
Conc: 54.68 ug/ml



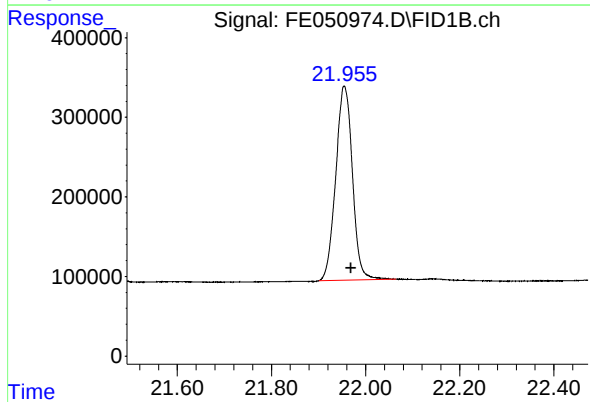
#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 6698630
Conc: 54.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 5993043
Conc: 53.82 ug/ml