

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054392.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 20:23
 Operator : YP\AJ
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-7MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e

Quant Time: Jun 14 00:04:14 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 2025

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)	11.824	5843783	35.366 ug/ml
Spiked Amount 50.000		Recovery =	70.73%
12) S 1-chlorooctadecane (S...	13.268	4848395	39.758 ug/mlm
Spiked Amount 50.000		Recovery =	79.52%
Target Compounds			
1) T n-Nonane (C9)	3.174	3396141	27.349 ug/ml
2) T n-Decane (C10)	4.437	3700966	29.786 ug/ml
3) T A~Naphthalene (C11.7)	6.150	4839371	35.810 ug/ml
4) T n-Dodecane (C12)	6.618	4108612	32.267 ug/ml
5) T A~2-methylnaphthalene...	7.253	4649303	35.101 ug/ml
6) T n-Tetradecane (C14)	8.453	4510852	34.842 ug/ml
7) T n-Hexadecane (C16)	10.064	5023030	37.813 ug/ml
8) T n-Octadecane (C18)	11.511	5346935	39.597 ug/ml
10) T n-Eicosane (C20)	12.824	5670962	42.391 ug/ml
11) T n-Heneicosane (C21)	13.437	5453311	41.012 ug/ml
13) T n-Docosane (C22)	14.023	5439422	41.484 ug/ml
14) T n-Tetracosane (C24)	15.123	11803529	91.504 ug/ml
15) T n-Hexacosane (C26)	16.152	5324789	42.419 ug/ml
16) T n-Octacosane (C28)	17.102	5489844	44.767 ug/mlm
17) T n-Tricontane (C30)	17.993	5154196	41.585 ug/ml
18) T n-Dotriacontane (C32)	18.824	5351987	42.596 ug/mlm
19) T n-Tetratriacontane (C34)	19.608	5423072	43.591 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	5594627	43.460 ug/mlm
21) T n-Octatriacontane (C38)	21.076	5678478	43.005 ug/mlm
22) T n-Tetracontane (C40)	21.963	5489957	40.755 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
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Operator : YP\AJ
Sample : Q2310-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

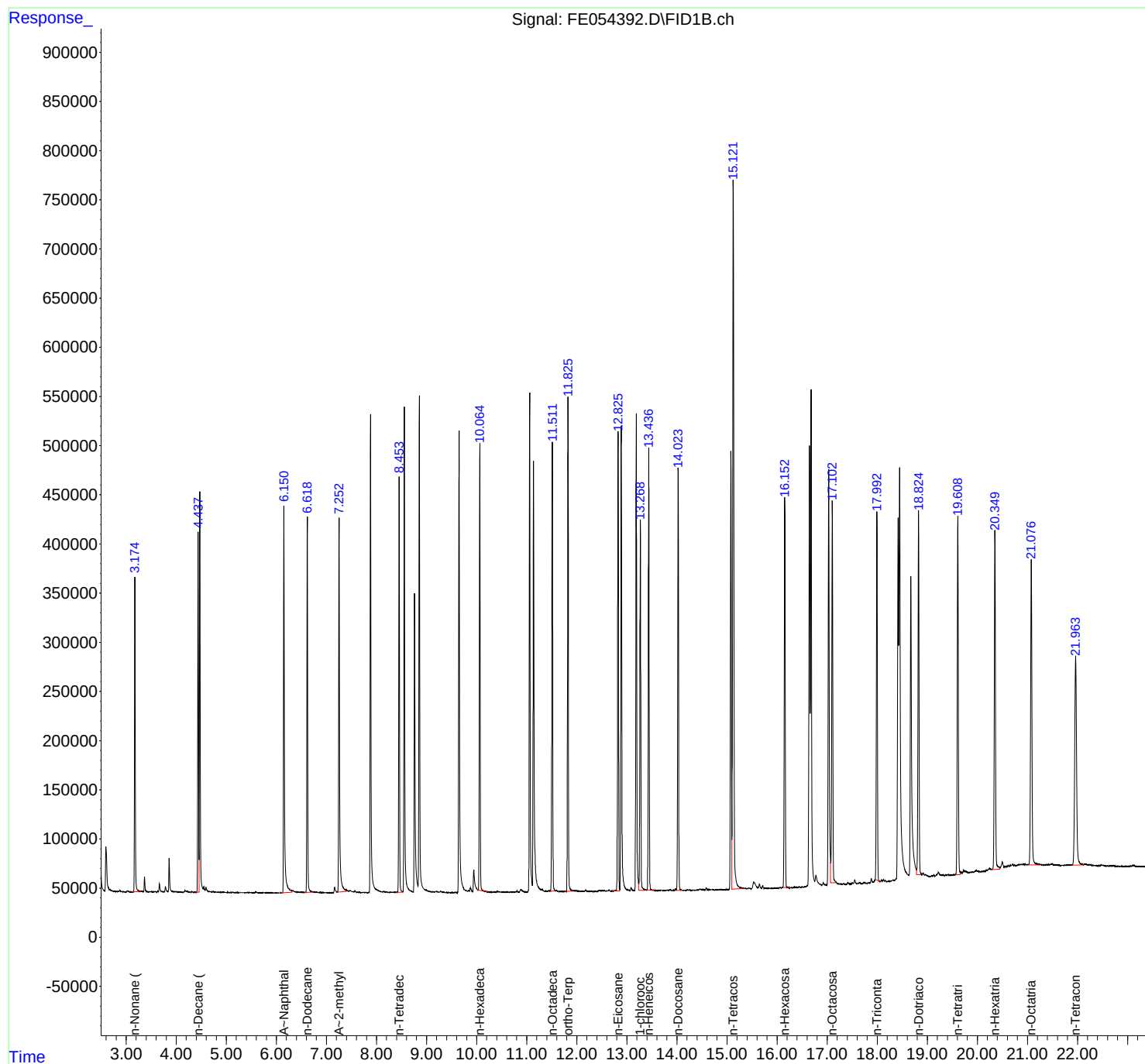
Instrument :
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ClientSampleId :
TP-7MS

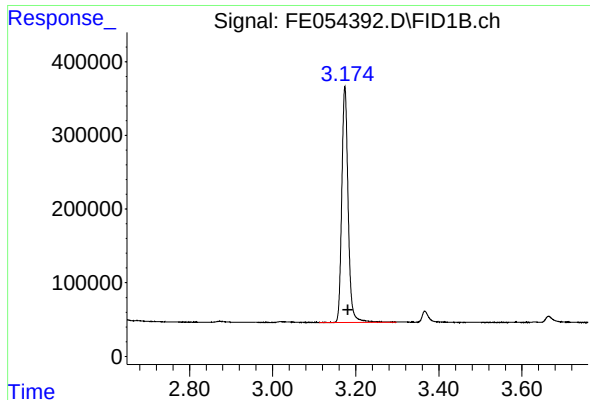
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.
Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:24:04 2025
Response via : Initial 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.: 3.174 min
Delta R.T.: -0.007 min
Response: 3396141
Conc: 27.35 ug/ml

Instrument :

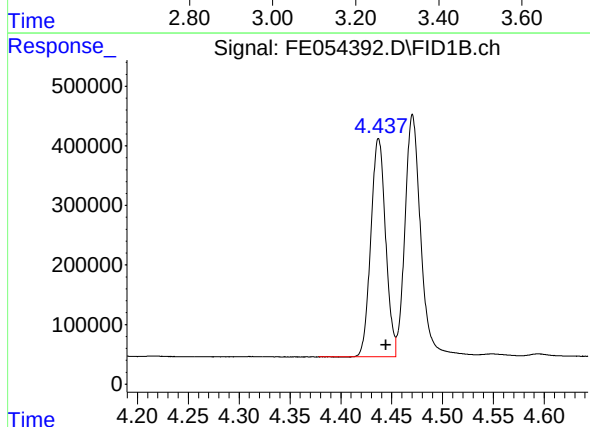
FID_E

ClientSampleId :

TP-7MS

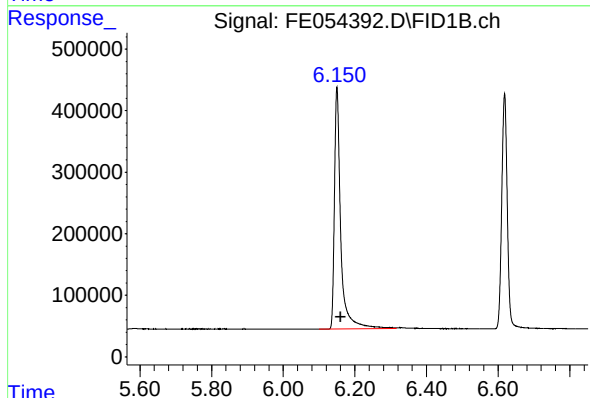
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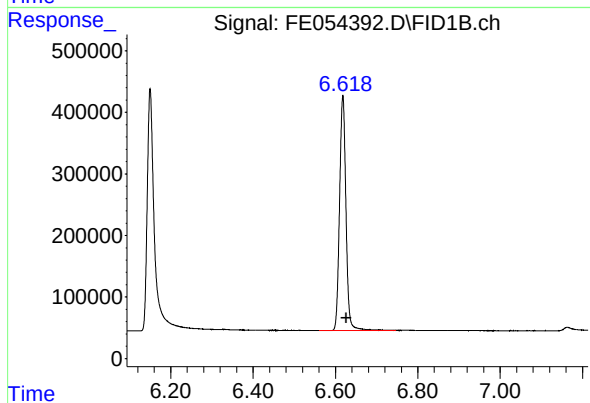
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 3700966
Conc: 29.79 ug/ml



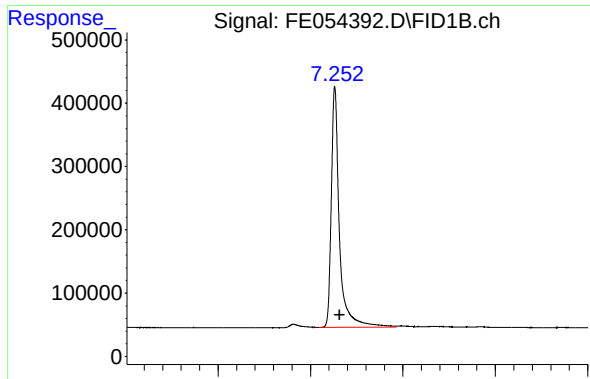
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 4839371
Conc: 35.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 4108612
Conc: 32.27 ug/ml



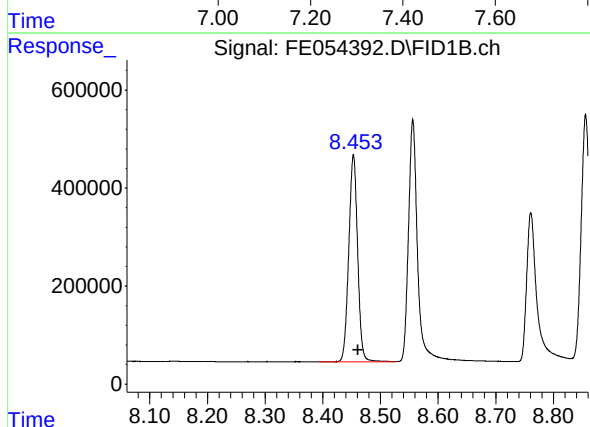
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 4649303
Conc: 35.10 ug/ml

Instrument :
FID_E
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TP-7MS

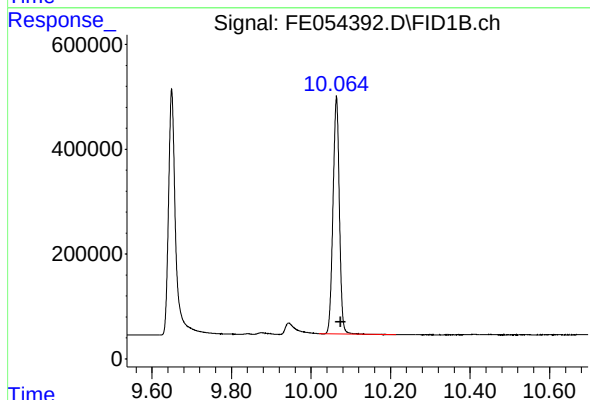
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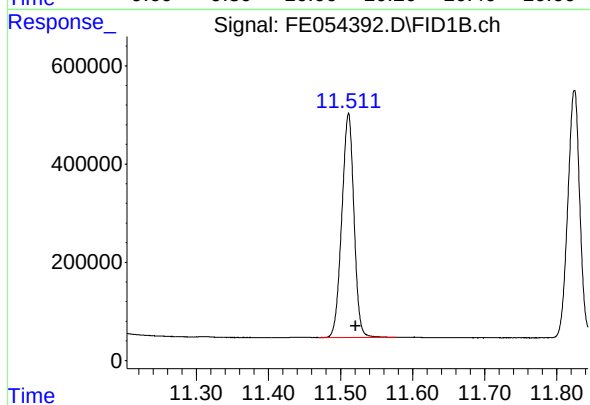
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 4510852
Conc: 34.84 ug/ml



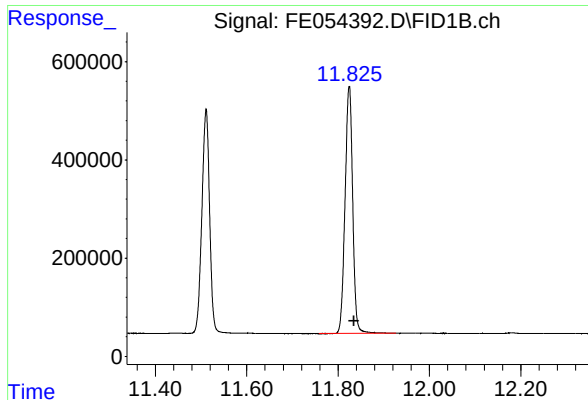
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 5023030
Conc: 37.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 5346935
Conc: 39.60 ug/ml



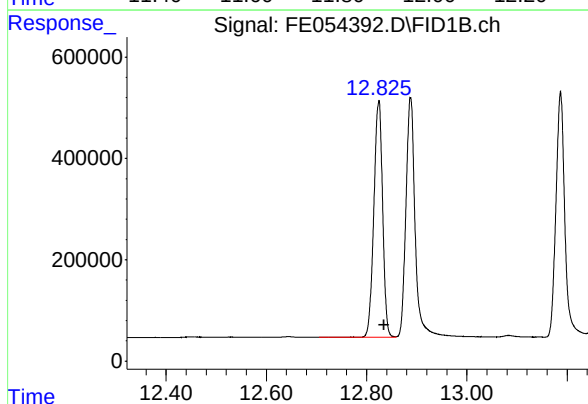
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 5843783
Conc: 35.37 ug/ml

Instrument :
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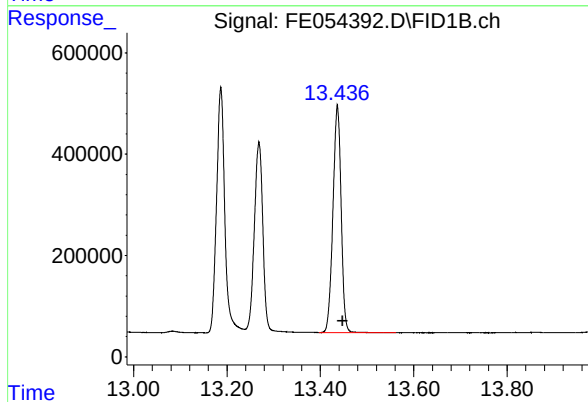
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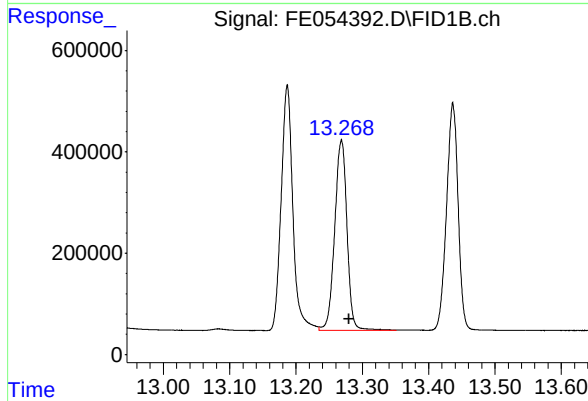
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5670962
Conc: 42.39 ug/ml



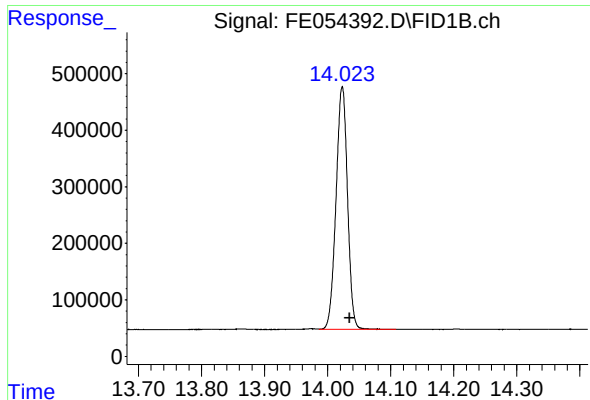
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 5453311
Conc: 41.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 4848395
Conc: 39.76 ug/ml m



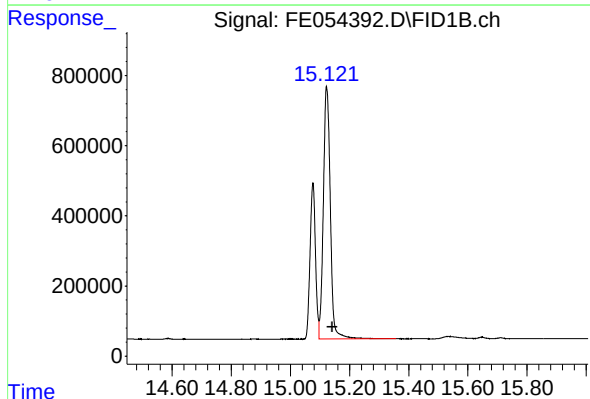
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 5439422
Conc: 41.48 ug/ml

Instrument :
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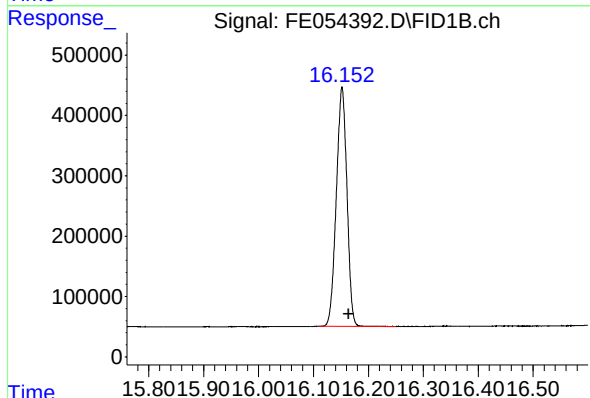
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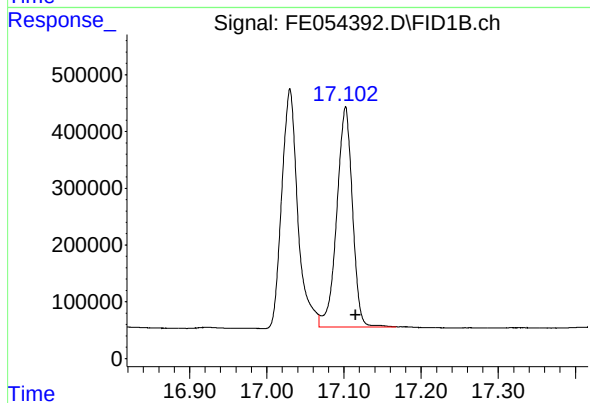
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.019 min
Response: 11803529
Conc: 91.50 ug/ml



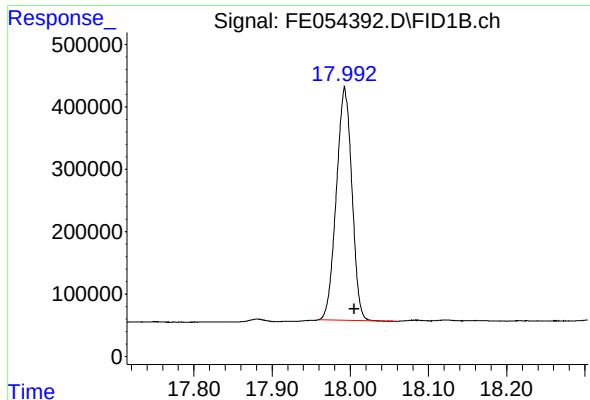
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 5324789
Conc: 42.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.013 min
Response: 5489844
Conc: 44.77 ug/ml m



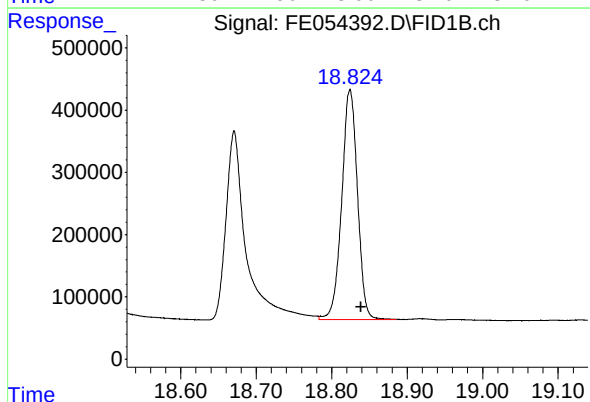
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 5154196
Conc: 41.59 ug/ml

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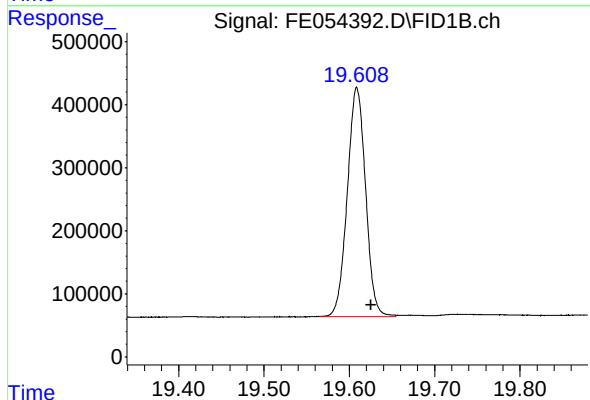
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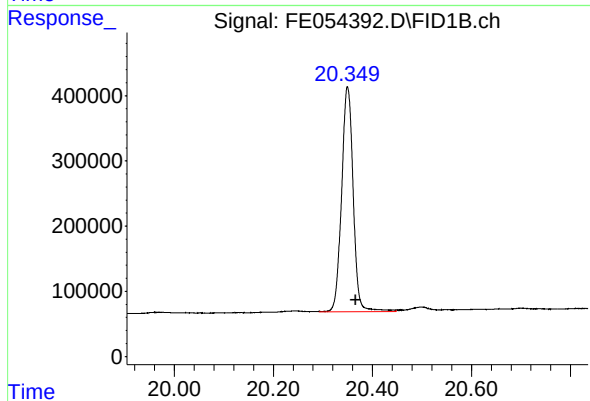
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 5351987
Conc: 42.60 ug/ml m



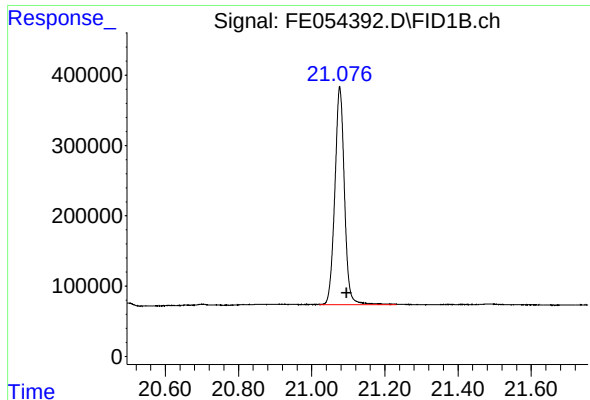
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.017 min
Response: 5423072
Conc: 43.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 5594627
Conc: 43.46 ug/ml m



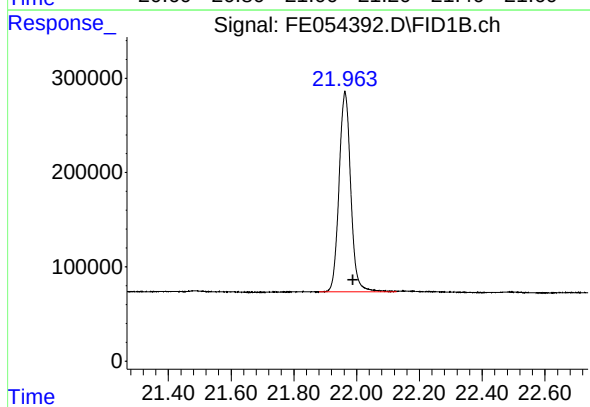
#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.020 min
Response: 5678478
Conc: 43.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.025 min
Response: 5489957
Conc: 40.76 ug/ml m