

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054393.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 20:53
 Operator : YP\AJ
 Sample : Q2310-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-7MSD

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 00:04:46 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	5231513	31.661 ug/ml
Spiked Amount 50.000		Recovery =	63.32%
12) S 1-chlorooctadecane (S...	13.267	4298913	35.252 ug/mlm
Spiked Amount 50.000		Recovery =	70.50%
Target Compounds			
1) T n-Nonane (C9)	3.174	3072742	24.744 ug/ml
2) T n-Decane (C10)	4.437	3328157	26.785 ug/ml
3) T A~Naphthalene (C11.7)	6.150	4394171	32.515 ug/ml
4) T n-Dodecane (C12)	6.618	3701557	29.070 ug/ml
5) T A~2-methylnaphthalene...	7.252	4164443	31.441 ug/ml
6) T n-Tetradecane (C14)	8.453	4072168	31.454 ug/ml
7) T n-Hexadecane (C16)	10.063	4517944	34.011 ug/ml
8) T n-Octadecane (C18)	11.510	4794293	35.505 ug/ml
10) T n-Eicosane (C20)	12.823	5057188	37.803 ug/ml
11) T n-Heneicosane (C21)	13.435	4846472	36.448 ug/ml
13) T n-Docosane (C22)	14.022	4819228	36.754 ug/ml
14) T n-Tetracosane (C24)	15.122	10423560	80.807 ug/ml
15) T n-Hexacosane (C26)	16.151	4663333	37.150 ug/ml
16) T n-Octacosane (C28)	17.101	4806438	39.194 ug/mlm
17) T n-Tricontane (C30)	17.992	4599644	37.111 ug/mlm
18) T n-Dotriacontane (C32)	18.823	4743490	37.753 ug/mlm
19) T n-Tetratriacontane (C34)	19.607	4773054	38.367 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	4833894	37.550 ug/mlm
21) T n-Octatriacontane (C38)	21.074	4923650	37.289 ug/mlm
22) T n-Tetracontane (C40)	21.962	4823693	35.809 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q2310-01MSD
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ALS Vial : 17 Sample Multiplier: 1

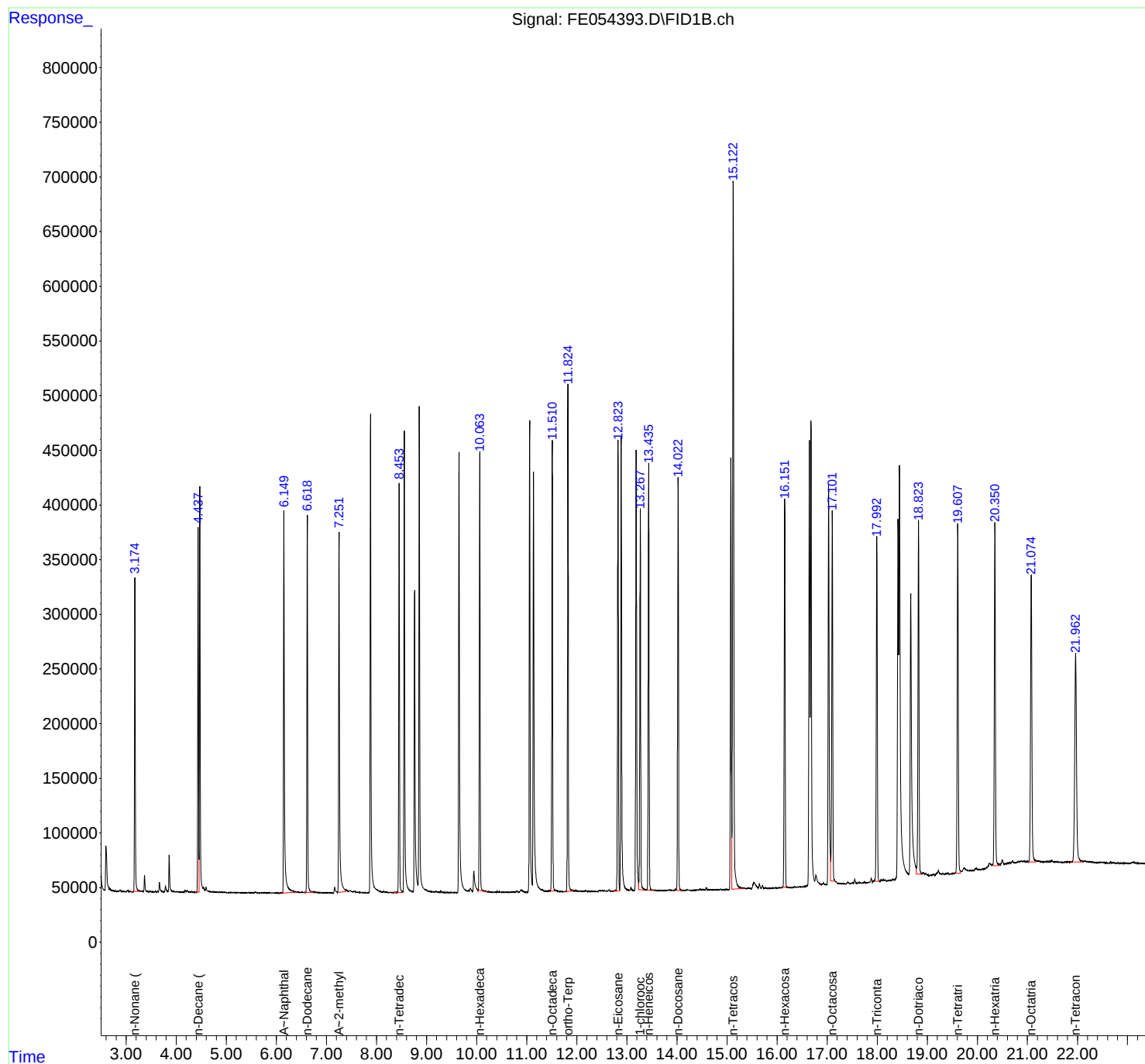
Instrument :
FID_E
ClientSampleId :
TP-7MSD

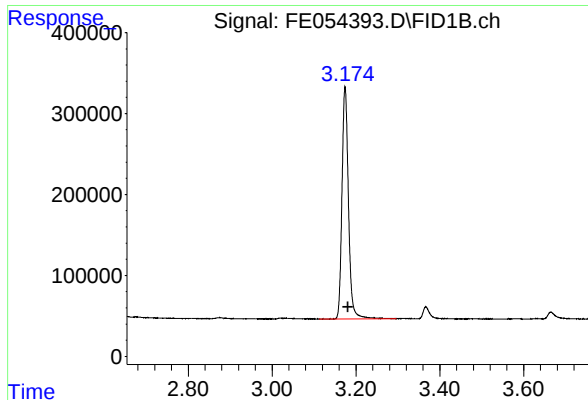
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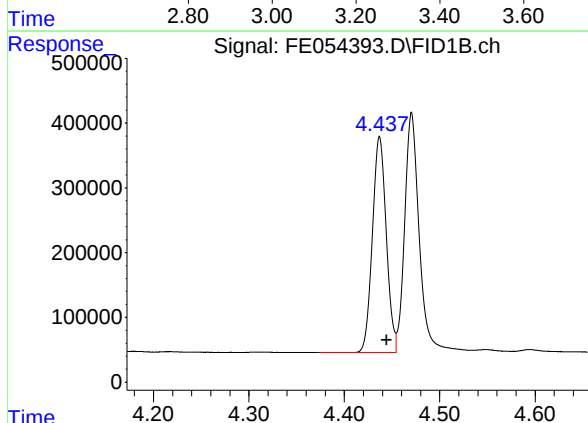
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 3072742
Conc: 24.74 ug/ml

Instrument :
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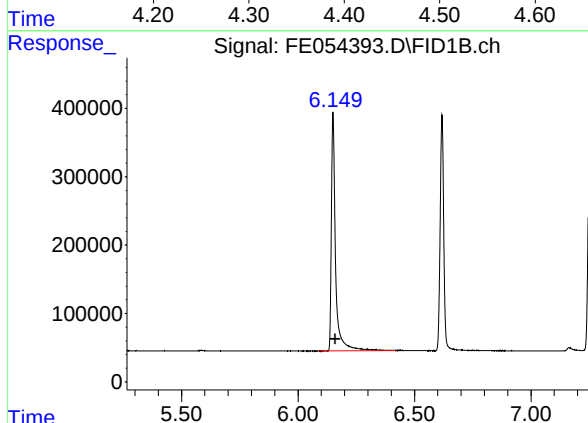
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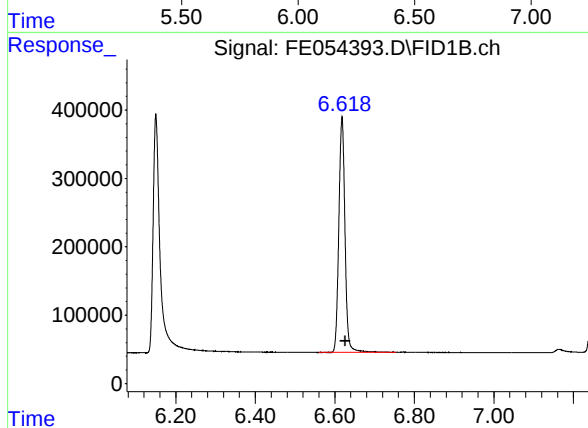
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 3328157
Conc: 26.79 ug/ml



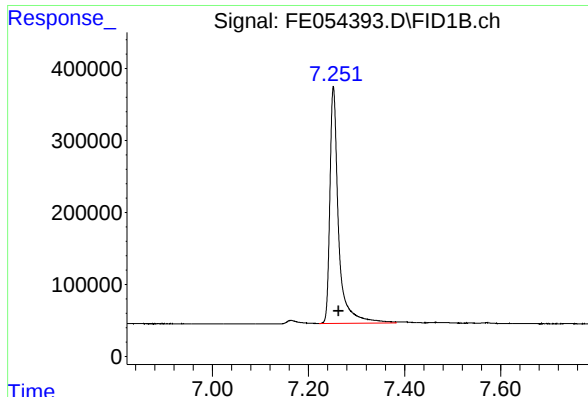
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 4394171
Conc: 32.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 3701557
Conc: 29.07 ug/ml



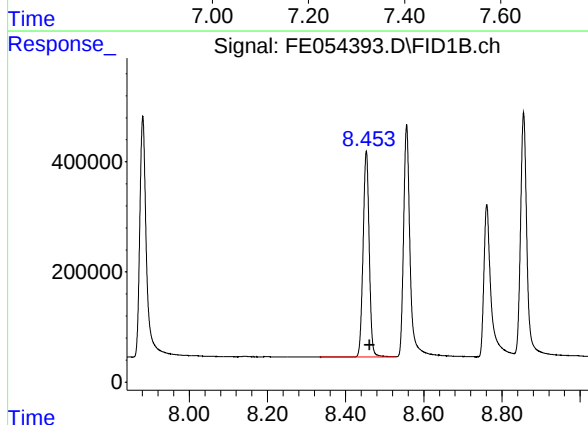
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.011 min
Response: 4164443
Conc: 31.44 ug/ml

Instrument :
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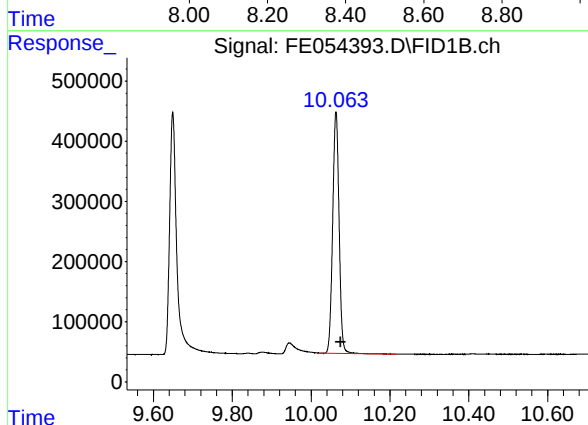
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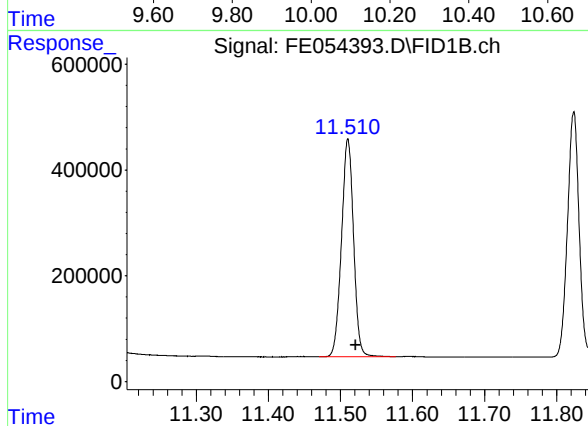
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 4072168
Conc: 31.45 ug/ml



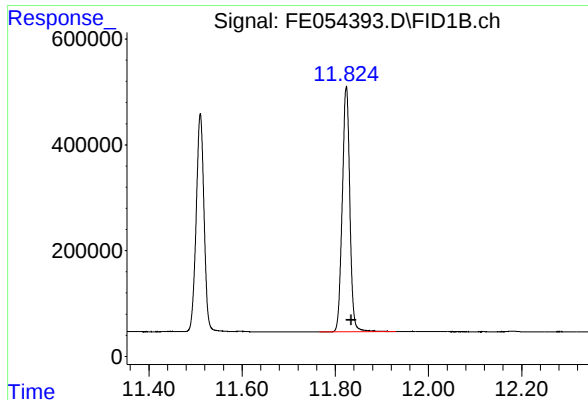
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.011 min
Response: 4517944
Conc: 34.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 4794293
Conc: 35.50 ug/ml



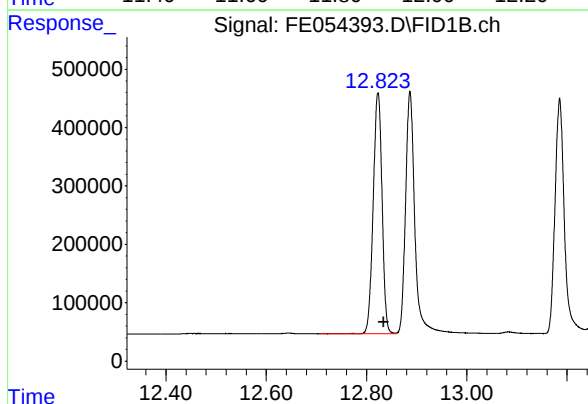
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 5231513
Conc: 31.66 ug/ml

Instrument :
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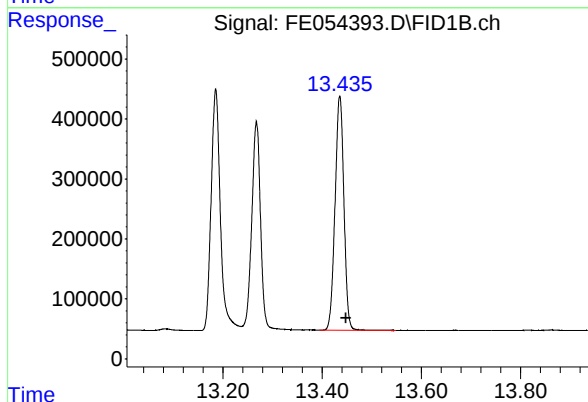
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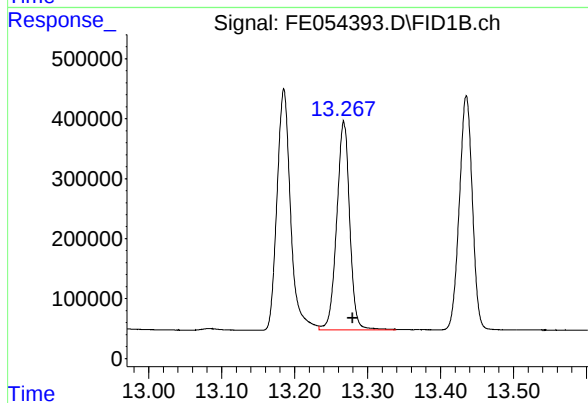
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.012 min
Response: 5057188
Conc: 37.80 ug/ml



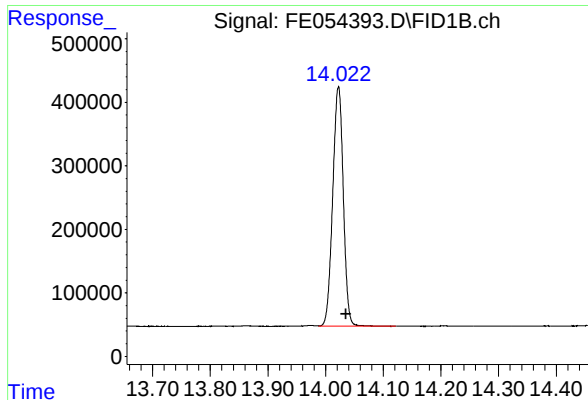
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 4846472
Conc: 36.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.013 min
Response: 4298913
Conc: 35.25 ug/ml m



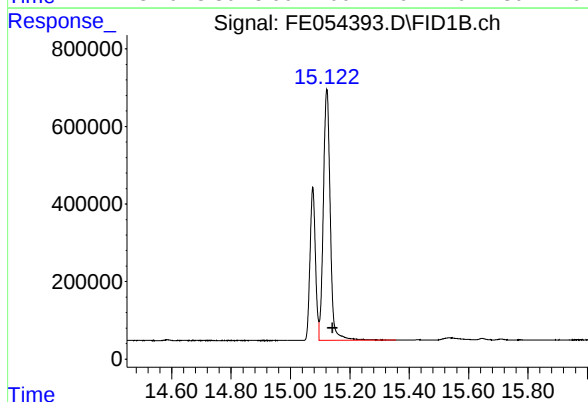
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 4819228
Conc: 36.75 ug/ml

Instrument :
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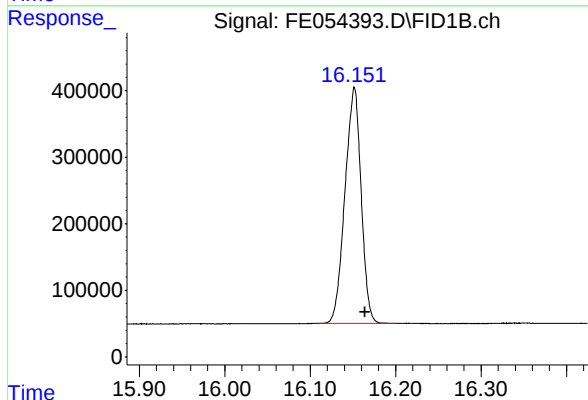
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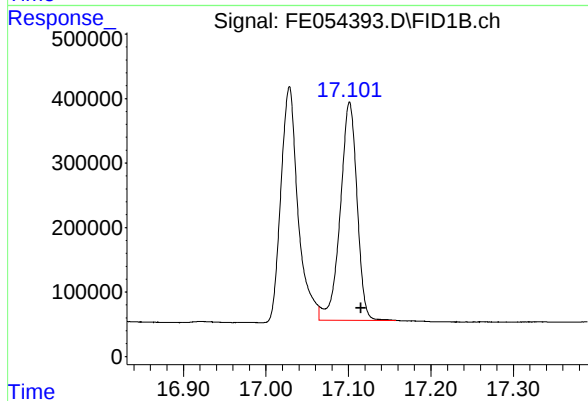
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.019 min
Response: 10423560
Conc: 80.81 ug/ml



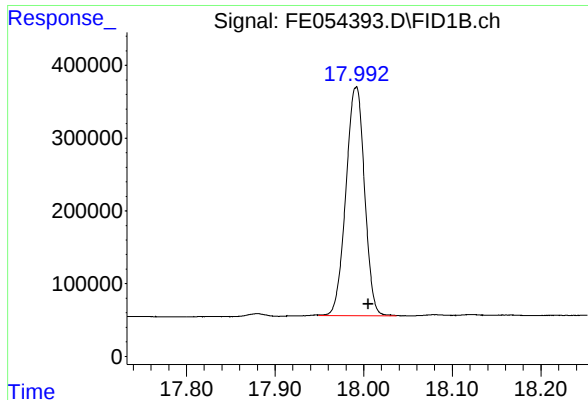
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 4663333
Conc: 37.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 4806438
Conc: 39.19 ug/ml m



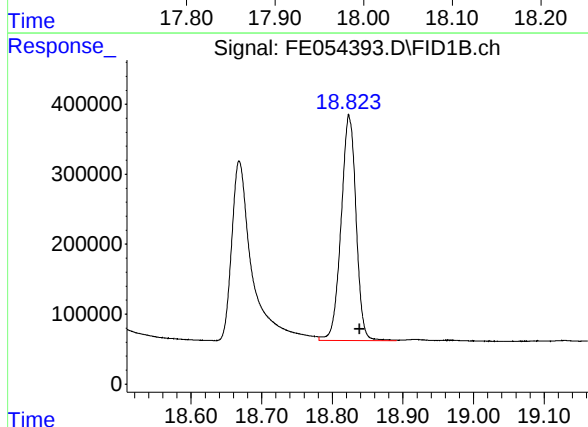
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 4599644
Conc: 37.11 ug/ml

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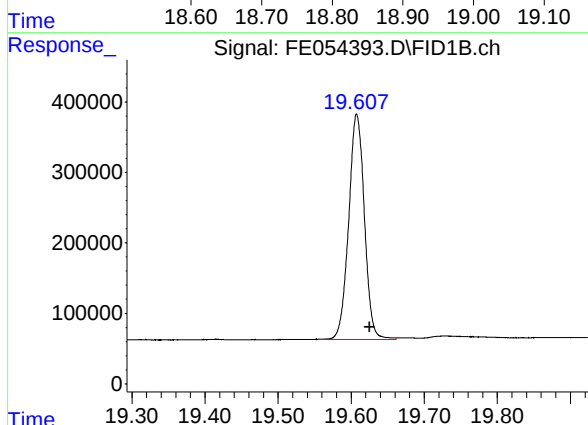
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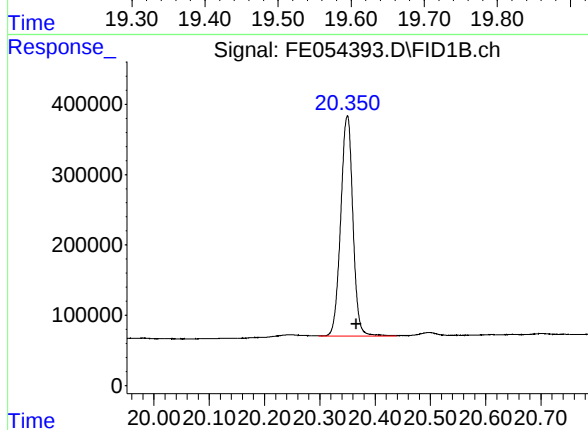
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 4743490
Conc: 37.75 ug/ml m



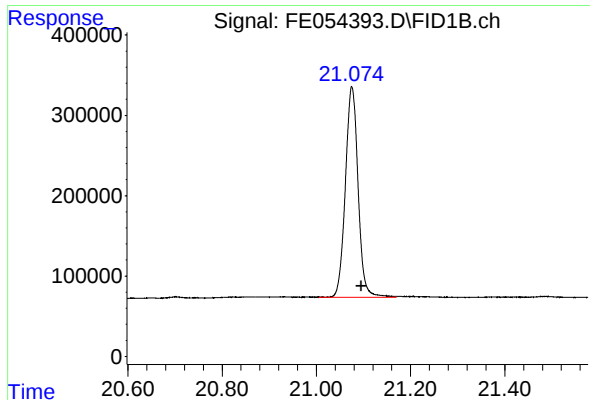
#19 n-Tetatriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.018 min
Response: 4773054
Conc: 38.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.016 min
Response: 4833894
Conc: 37.55 ug/ml m



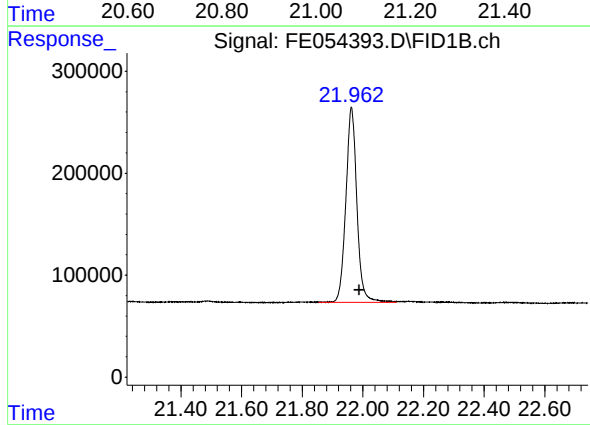
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.021 min
Response: 4923650
Conc: 37.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.026 min
Response: 4823693
Conc: 35.81 ug/ml m