

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054519.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 14:50
 Operator : YP\AJ
 Sample : PB168561BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168561BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File: autoint1.e

Quant Time: Jun 20 23:24:00 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	6375536	38.585 ug/ml
Spiked Amount 50.000		Recovery =	77.17%
12) S 1-chlorooctadecane (S...	13.268	5007131	41.059 ug/mlm
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T n-Nonane (C9)	3.180	4798337	38.640 ug/ml
2) T n-Decane (C10)	4.439	4892254	39.373 ug/ml
3) T A~Naphthalene (C11.7)	6.150	6123385	45.311 ug/ml
4) T n-Dodecane (C12)	6.617	5142513	40.387 ug/ml
5) T A~2-methylnaphthalene...	7.251	5574872	42.089 ug/ml
6) T n-Tetradecane (C14)	8.452	5224410	40.354 ug/ml
7) T n-Hexadecane (C16)	10.063	5294461	39.856 ug/ml
8) T n-Octadecane (C18)	11.510	5317850	39.382 ug/ml
10) T n-Eicosane (C20)	12.824	5478933	40.956 ug/ml
11) T n-Heneicosane (C21)	13.437	5238700	39.398 ug/ml
13) T n-Docosane (C22)	14.024	5195791	39.626 ug/ml
14) T n-Tetracosane (C24)	15.125	11401111	88.385 ug/ml
15) T n-Hexacosane (C26)	16.154	5023445	40.018 ug/ml
16) T n-Octacosane (C28)	17.103	5197669	42.385 ug/mlm
17) T n-Tricontane (C30)	17.994	4969399	40.094 ug/ml
18) T n-Dotriacontane (C32)	18.826	5154366	41.023 ug/mlm
19) T n-Tetratriacontane (C34)	19.613	5092545	40.935 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	5032469	39.093 ug/mlm
21) T n-Octatriacontane (C38)	21.079	5032592	38.114 ug/ml
22) T n-Tetracontane (C40)	21.964	4730080	35.114 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168561BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

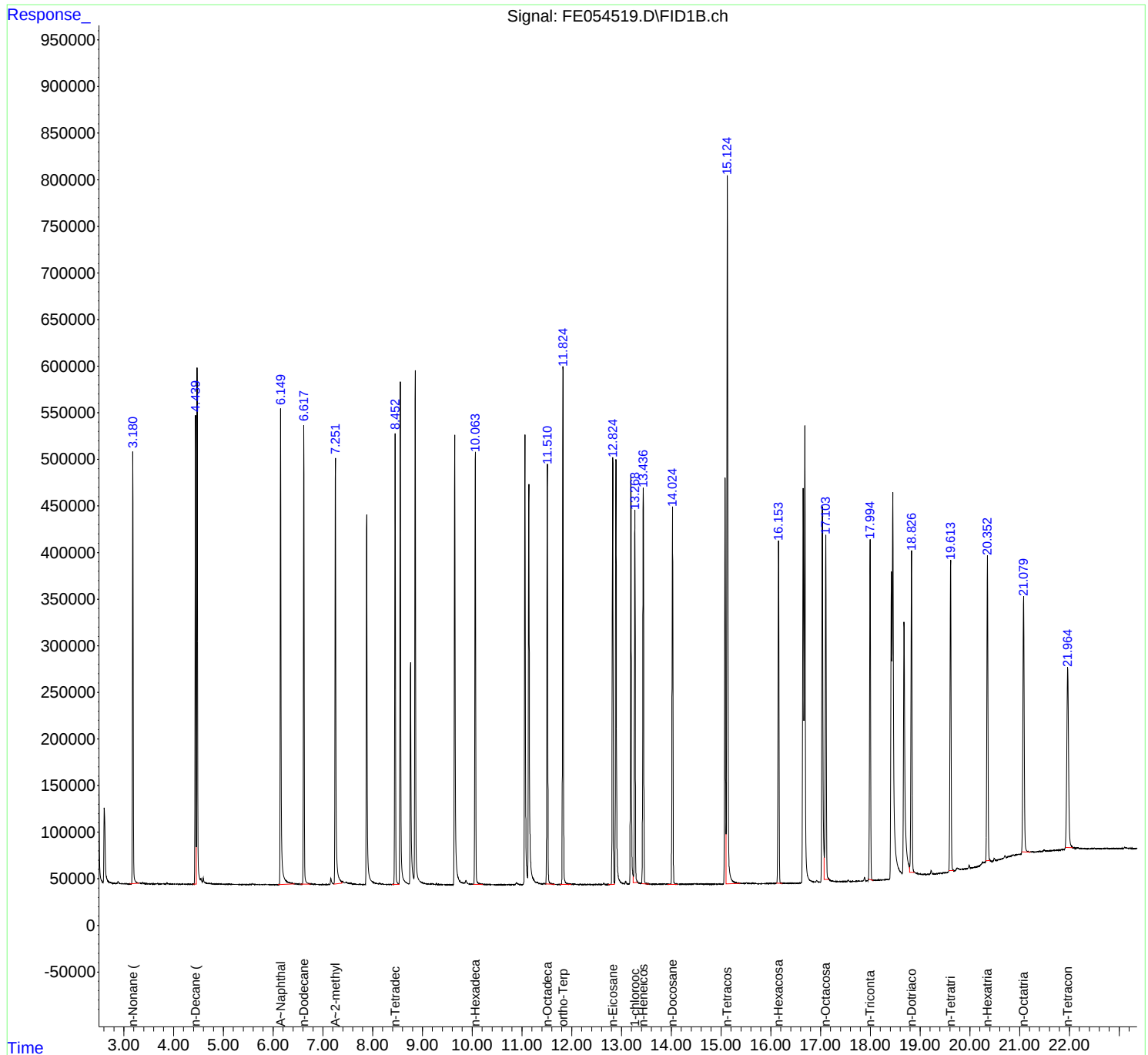
Instrument :
FID_E
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PB168561BSD

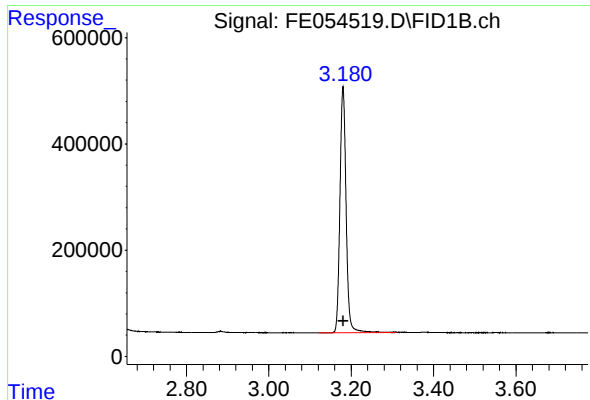
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Integration File: autoint1.e
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Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:24:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 4798337
Conc: 38.64 ug/ml

Instrument :

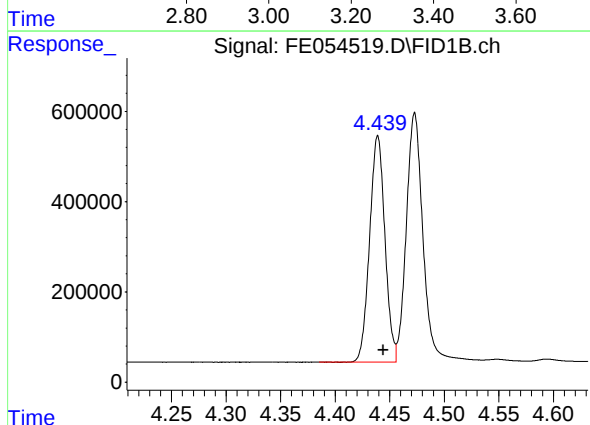
FID_E

ClientSampleId :

PB168561BSD

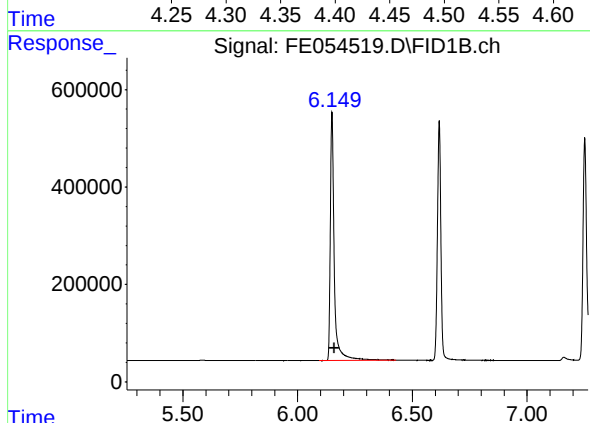
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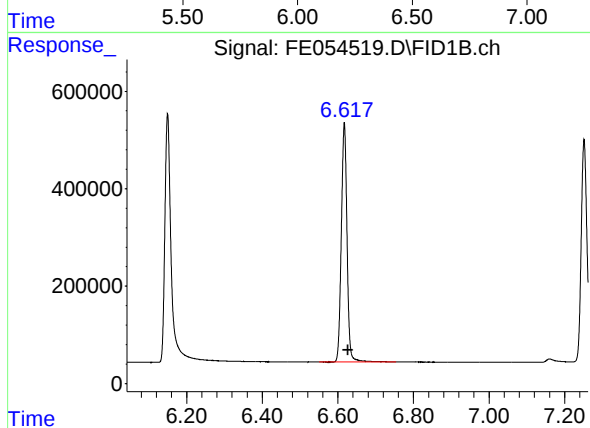
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 4892254
Conc: 39.37 ug/ml



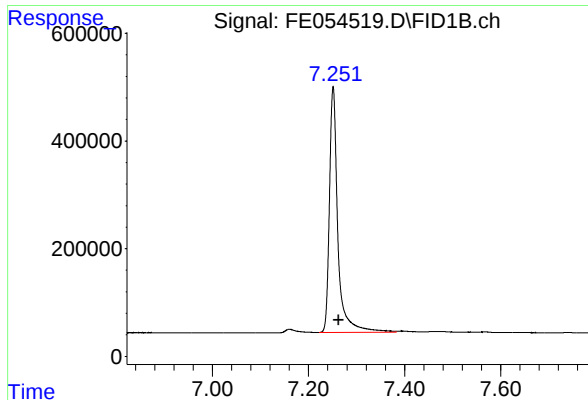
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 6123385
Conc: 45.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 5142513
Conc: 40.39 ug/ml



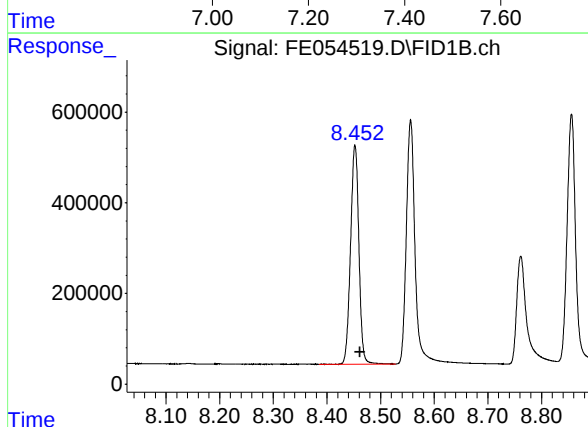
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.011 min
Response: 5574872
Conc: 42.09 ug/ml

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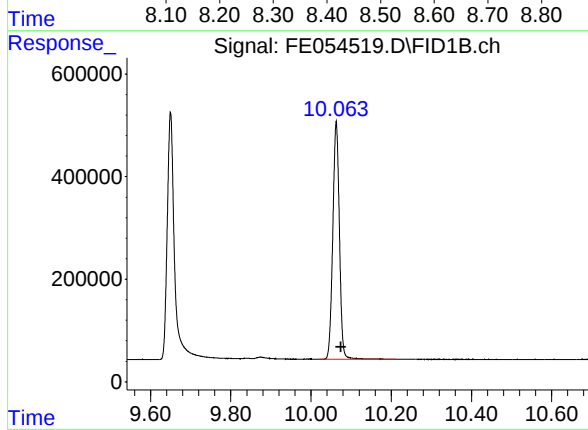
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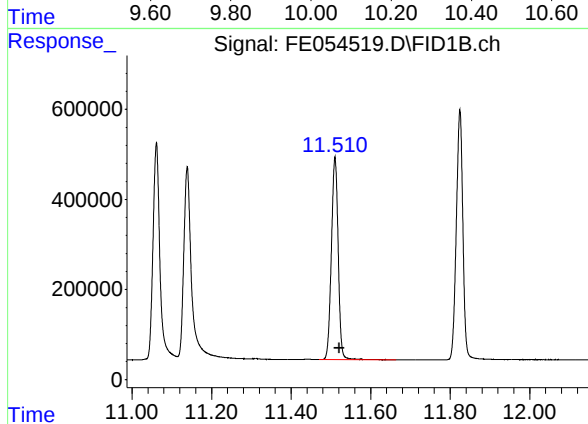
#6 n-Tetradecane (C14)

R.T.: 8.452 min
Delta R.T.: -0.009 min
Response: 5224410
Conc: 40.35 ug/ml



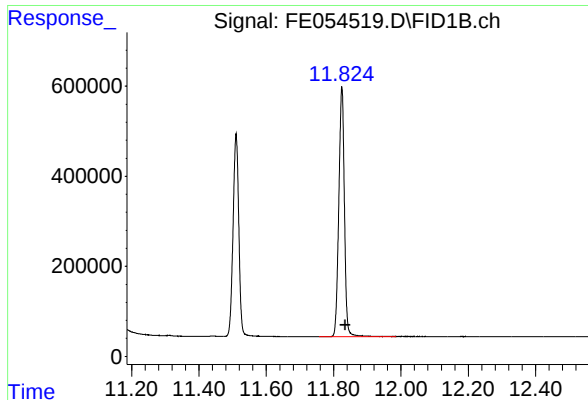
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.012 min
Response: 5294461
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 5317850
Conc: 39.38 ug/ml



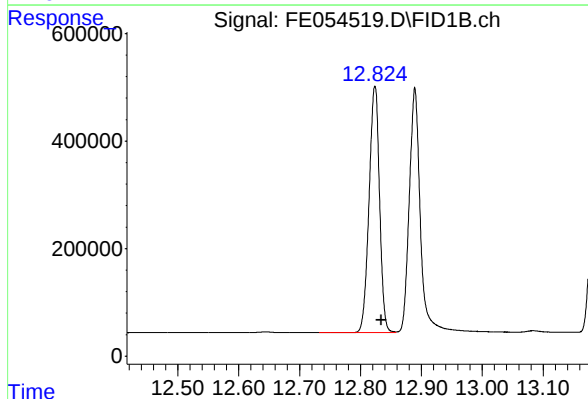
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.010 min
Response: 6375536
Conc: 38.58 ug/ml

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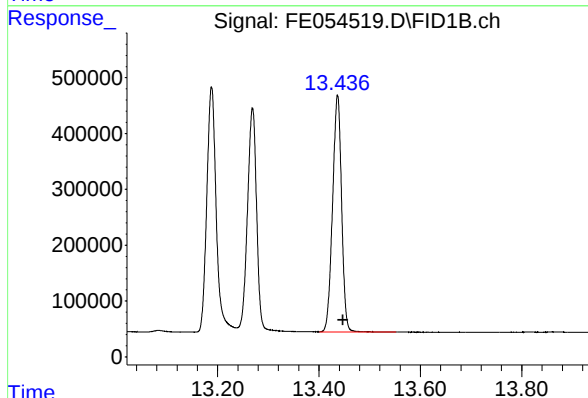
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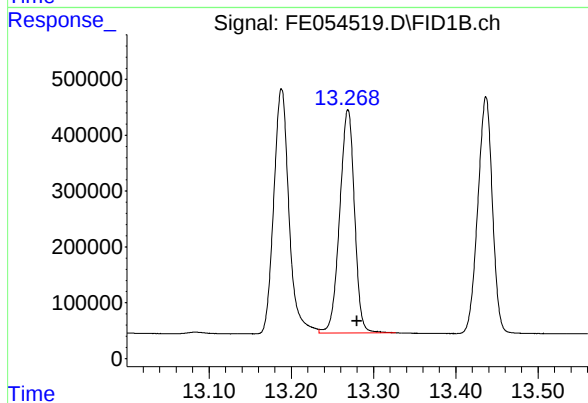
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5478933
Conc: 40.96 ug/ml



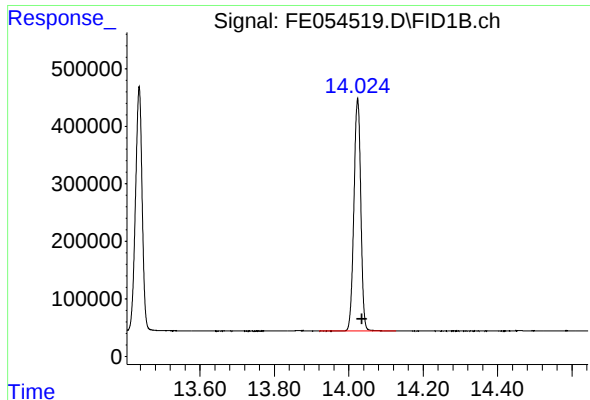
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 5238700
Conc: 39.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 5007131
Conc: 41.06 ug/ml m



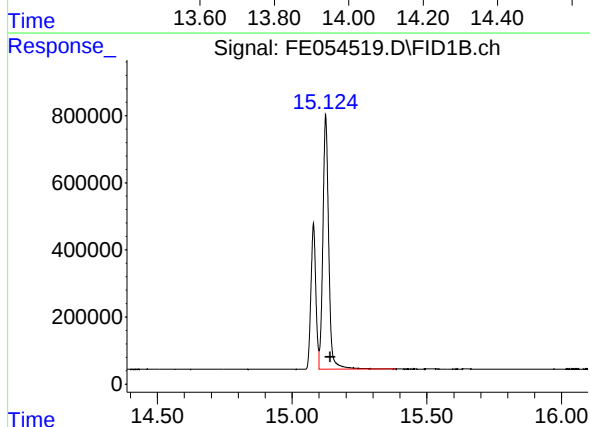
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 5195791
Conc: 39.63 ug/ml

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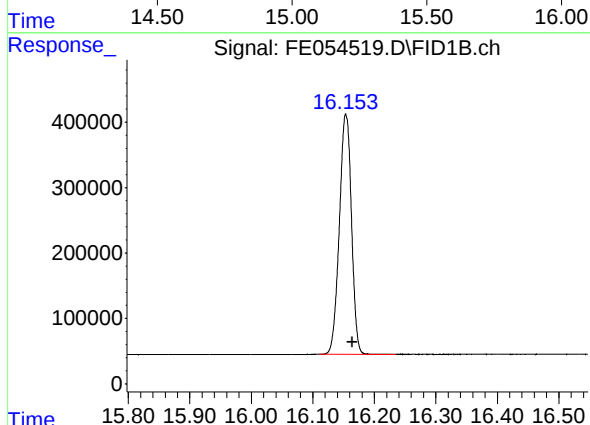
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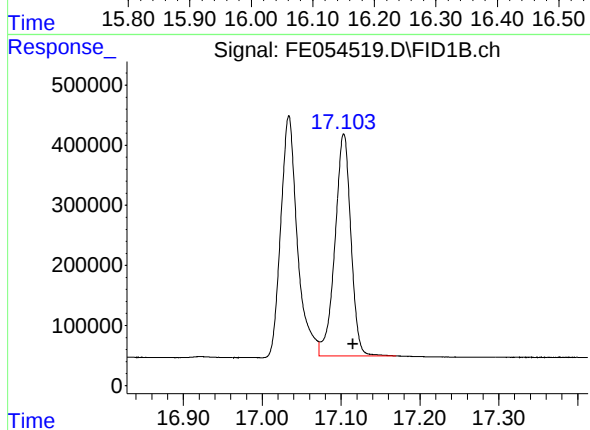
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: -0.017 min
Response: 11401111
Conc: 88.38 ug/ml



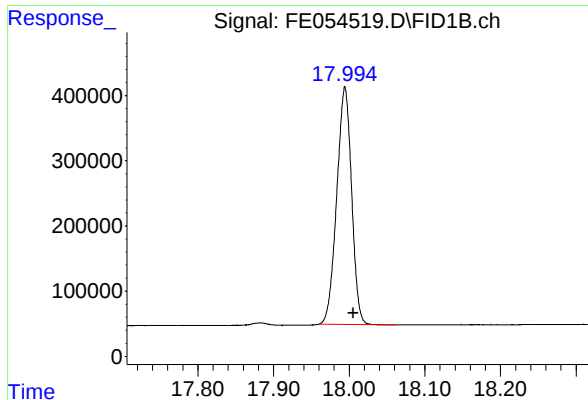
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 5023445
Conc: 40.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.012 min
Response: 5197669
Conc: 42.38 ug/ml m



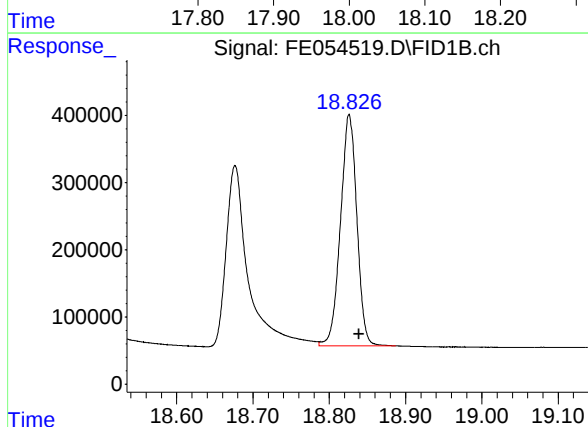
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.011 min
Response: 4969399
Conc: 40.09 ug/ml

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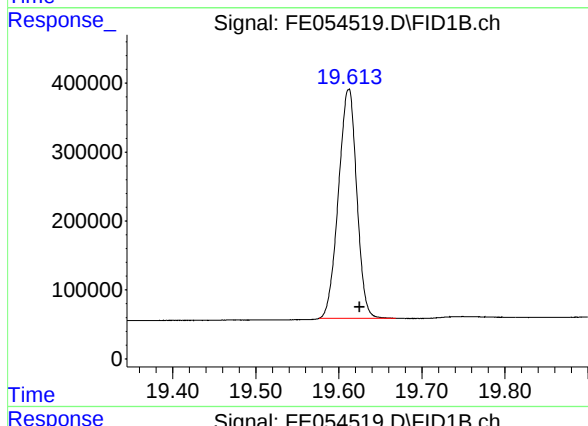
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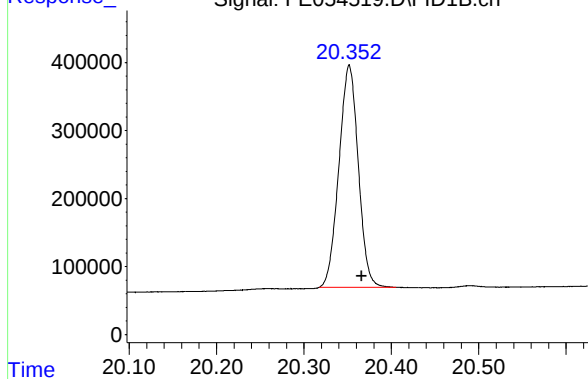
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 5154366
Conc: 41.02 ug/ml m



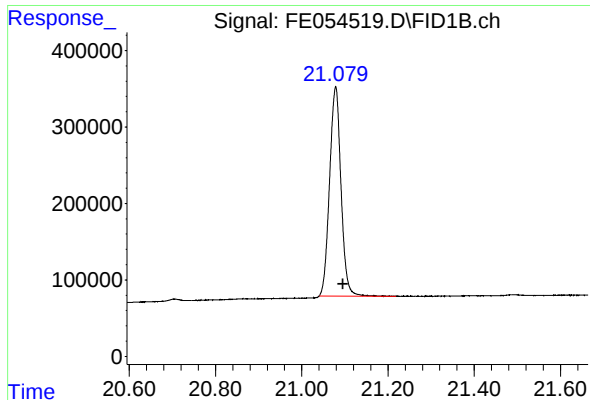
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.012 min
Response: 5092545
Conc: 40.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.015 min
Response: 5032469
Conc: 39.09 ug/ml m



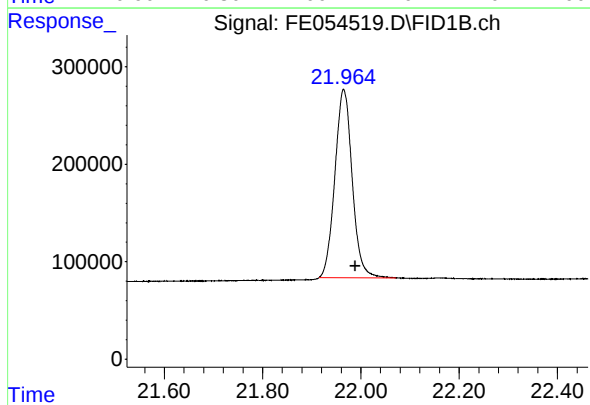
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.017 min
Response: 5032592
Conc: 38.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.024 min
Response: 4730080
Conc: 35.11 ug/ml m