

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054522.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 16:21
 Operator : YP\AJ
 Sample : Q2362-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-11MS

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 23:24:39 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)	11.823	6028426	36.484 ug/ml
Spiked Amount 50.000		Recovery =	72.97%
12) S 1-chlorooctadecane (S...	13.266	4830809	39.613 ug/mlm
Spiked Amount 50.000		Recovery =	79.23%
Target Compounds			
1) T n-Nonane (C9)	3.174	3472762	27.966 ug/ml
2) T n-Decane (C10)	4.435	3843463	30.932 ug/ml
3) T A~Naphthalene (C11.7)	6.148	4952019	36.643 ug/ml
4) T n-Dodecane (C12)	6.616	4277682	33.595 ug/ml
5) T A~2-methylnaphthalene...	7.250	4695229	35.448 ug/ml
6) T n-Tetradecane (C14)	8.451	4729008	36.527 ug/ml
7) T n-Hexadecane (C16)	10.062	5241658	39.459 ug/ml
8) T n-Octadecane (C18)	11.510	5463738	40.462 ug/ml
10) T n-Eicosane (C20)	12.823	5688710	42.524 ug/ml
11) T n-Heneicosane (C21)	13.435	5450655	40.992 ug/ml
13) T n-Docosane (C22)	14.023	5392870	41.129 ug/ml
14) T n-Tetracosane (C24)	15.124	11726380	90.906 ug/ml
15) T n-Hexacosane (C26)	16.153	5205583	41.469 ug/ml
16) T n-Octacosane (C28)	17.104	5489127	44.761 ug/mlm
17) T n-Tricontane (C30)	17.993	5086812	41.042 ug/ml
18) T n-Dotriacontane (C32)	18.824	5323258	42.368 ug/mlm
19) T n-Tetratriacontane (C34)	19.611	5235016	42.080 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	5374121	41.747 ug/mlm
21) T n-Octatriacontane (C38)	21.079	5552967	42.055 ug/ml
22) T n-Tetracontane (C40)	21.965	5485339	40.721 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 17 Sample Multiplier: 1

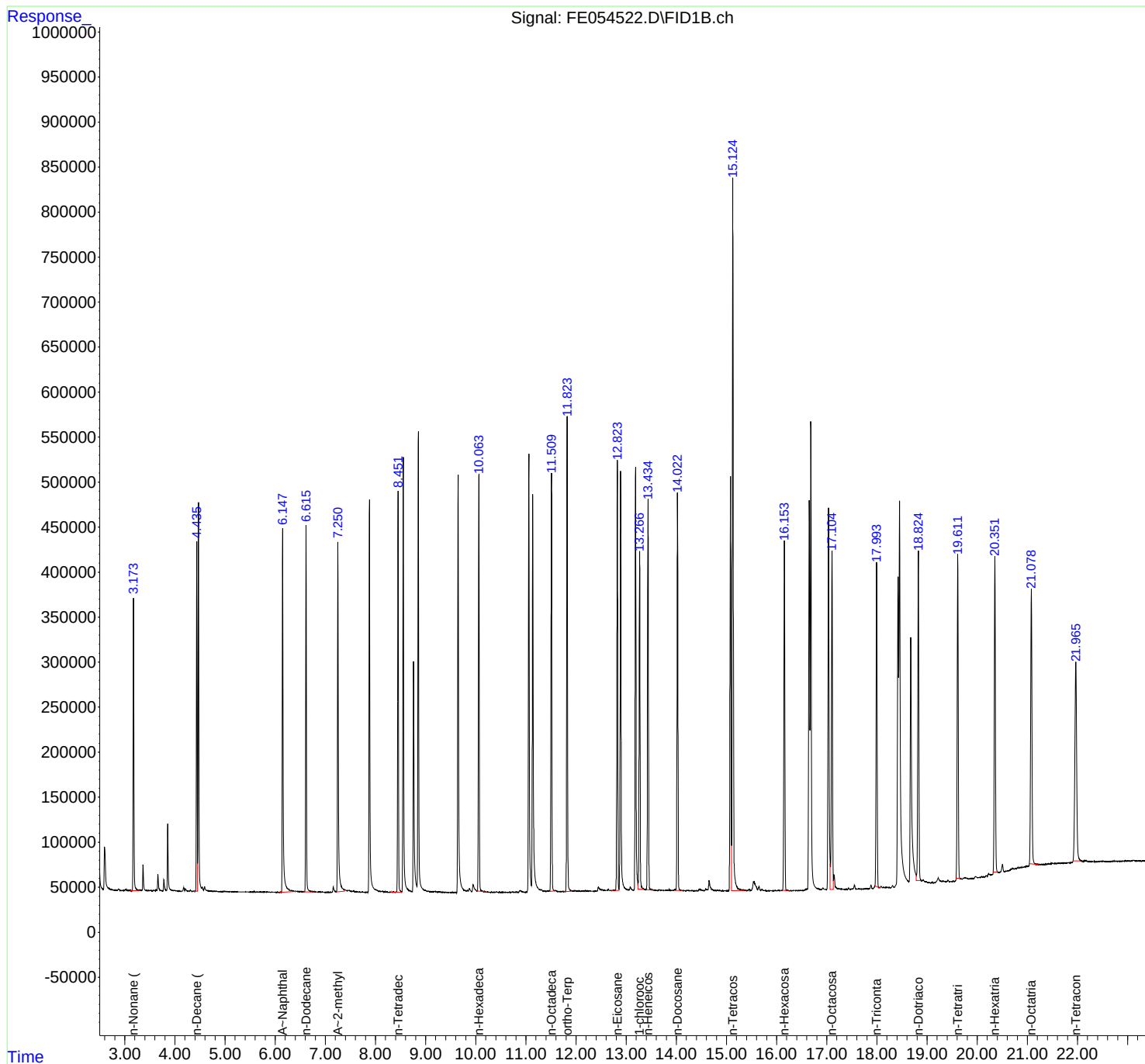
Instrument :
FID_E
ClientSampleId :
TP-11MS

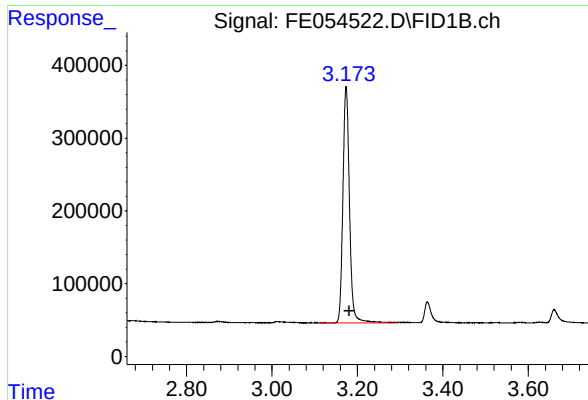
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





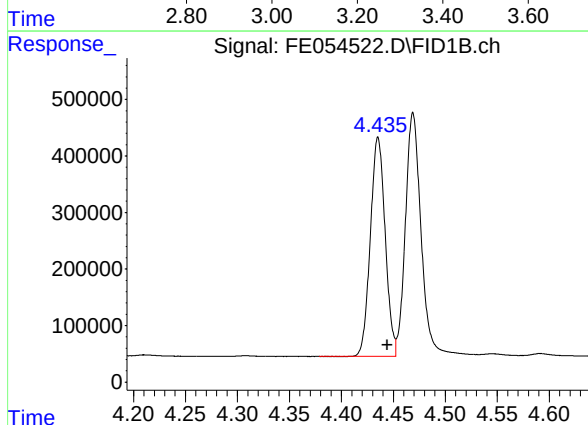
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 3472762
Conc: 27.97 ug/ml

Instrument :
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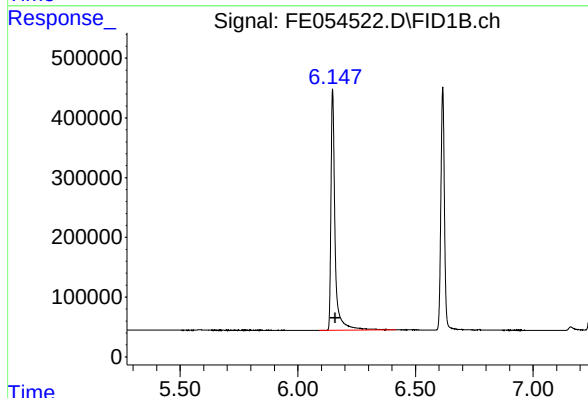
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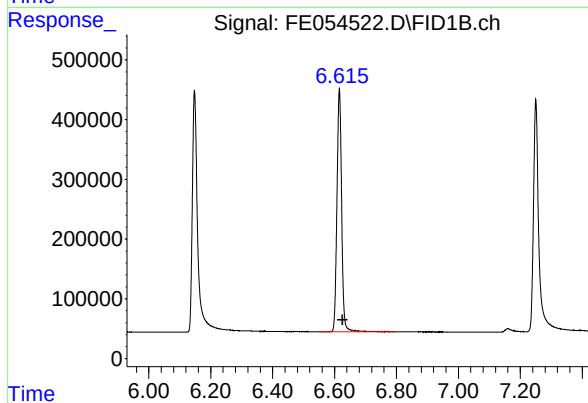
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.009 min
Response: 3843463
Conc: 30.93 ug/ml



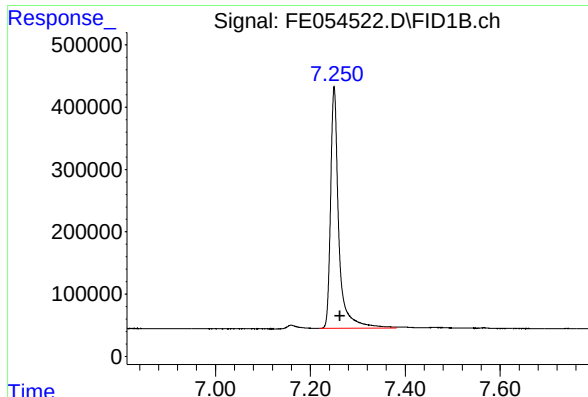
#3 A~Naphthalene (C11.7)

R.T.: 6.148 min
Delta R.T.: -0.012 min
Response: 4952019
Conc: 36.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 4277682
Conc: 33.59 ug/ml



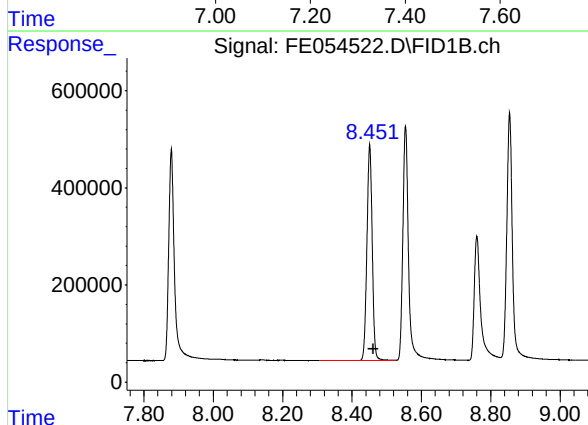
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.012 min
Response: 4695229
Conc: 35.45 ug/ml

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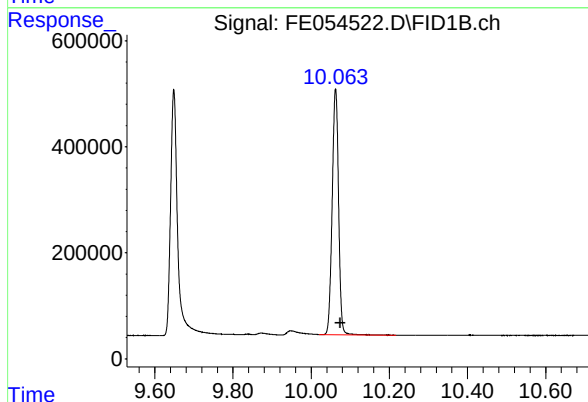
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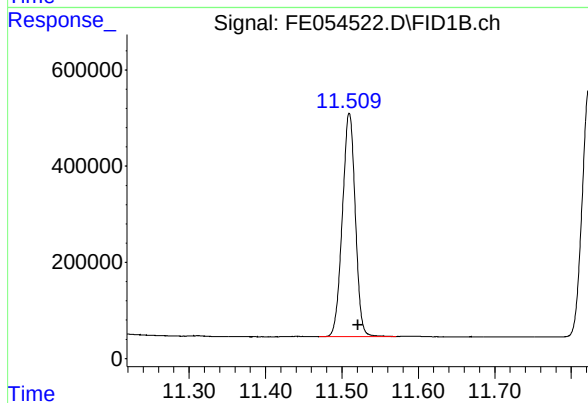
#6 n-Tetradecane (C14)

R.T.: 8.451 min
Delta R.T.: -0.010 min
Response: 4729008
Conc: 36.53 ug/ml



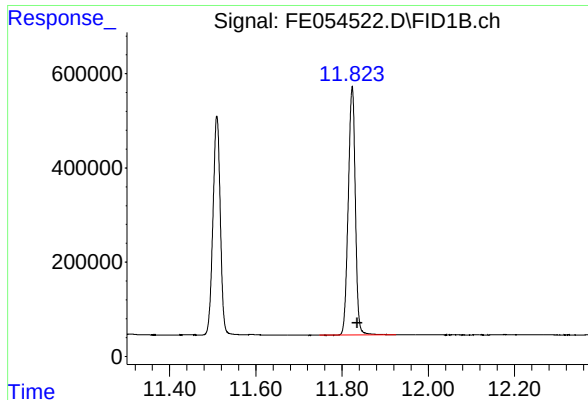
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.012 min
Response: 5241658
Conc: 39.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 5463738
Conc: 40.46 ug/ml



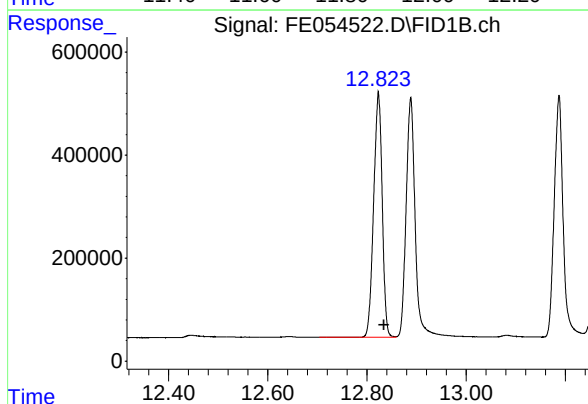
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.012 min
Response: 6028426
Conc: 36.48 ug/ml

Instrument :
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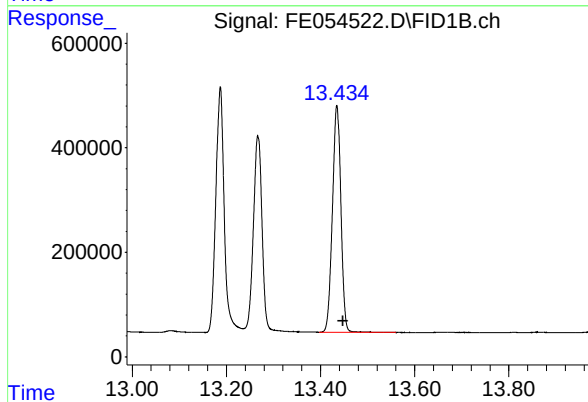
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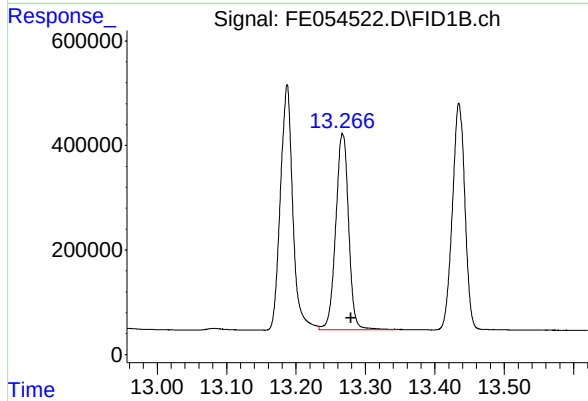
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.012 min
Response: 5688710
Conc: 42.52 ug/ml



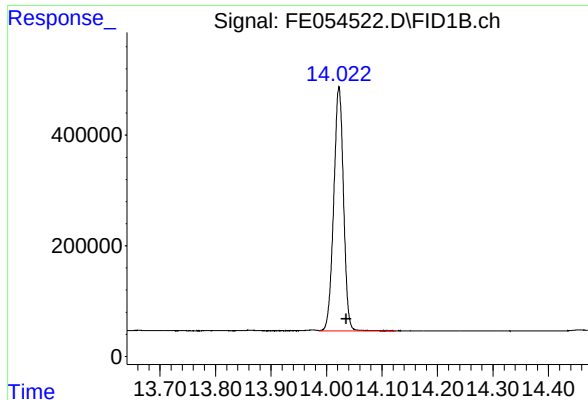
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.013 min
Response: 5450655
Conc: 40.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: -0.013 min
Response: 4830809
Conc: 39.61 ug/ml m



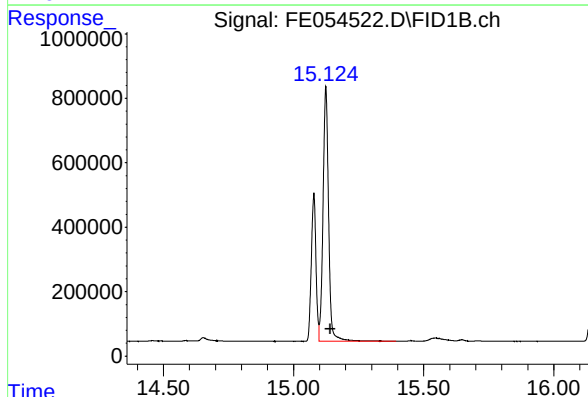
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.013 min
Response: 5392870
Conc: 41.13 ug/ml

Instrument :
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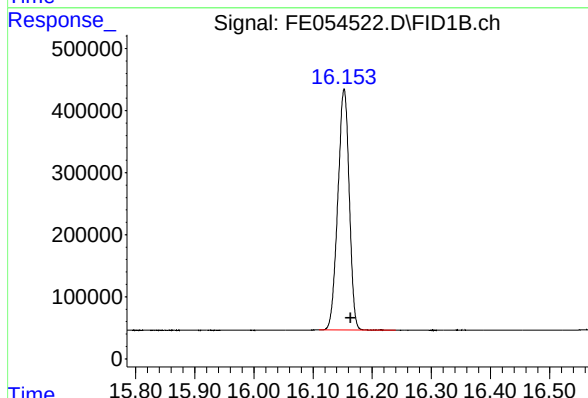
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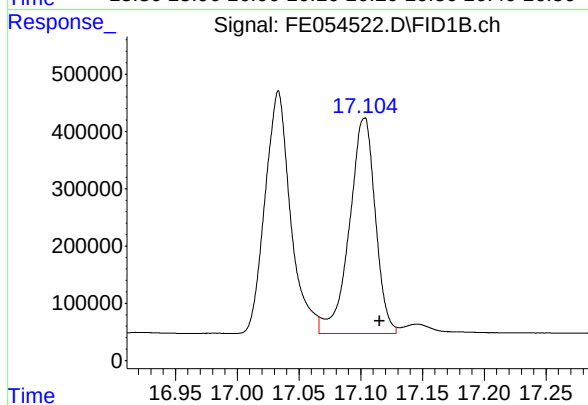
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.017 min
Response: 11726380
Conc: 90.91 ug/ml



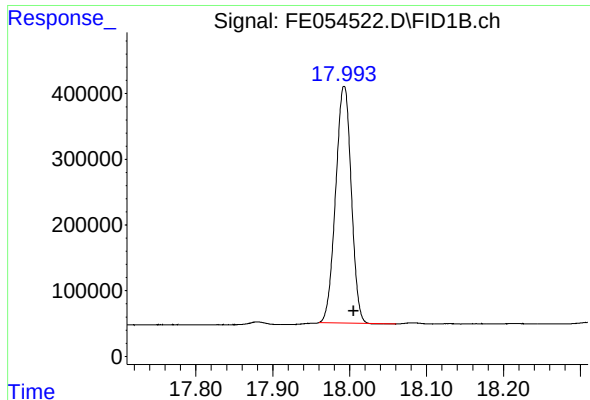
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.012 min
Response: 5205583
Conc: 41.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.012 min
Response: 5489127
Conc: 44.76 ug/ml m



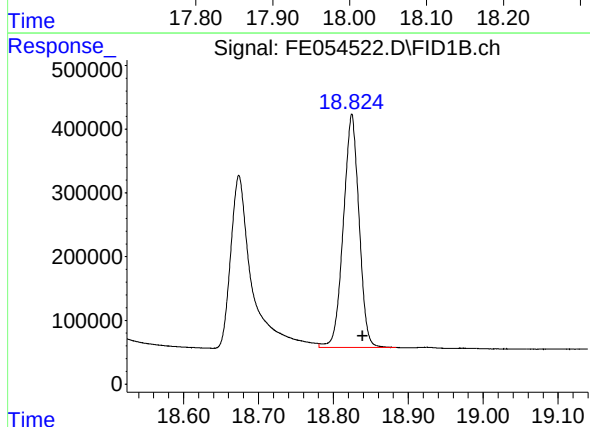
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.013 min
Response: 5086812
Conc: 41.04 ug/ml

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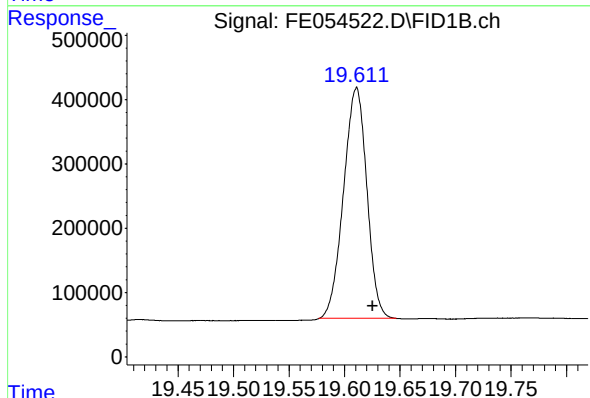
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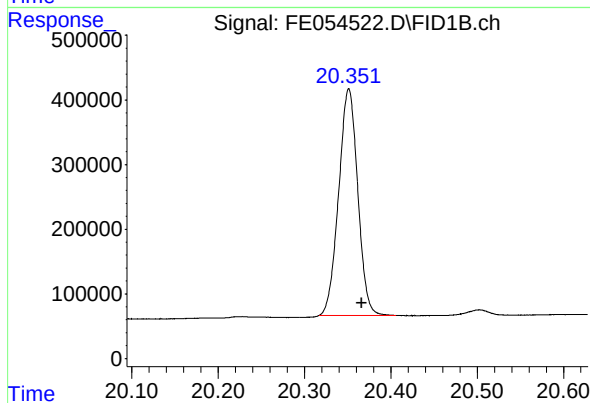
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 5323258
Conc: 42.37 ug/ml m



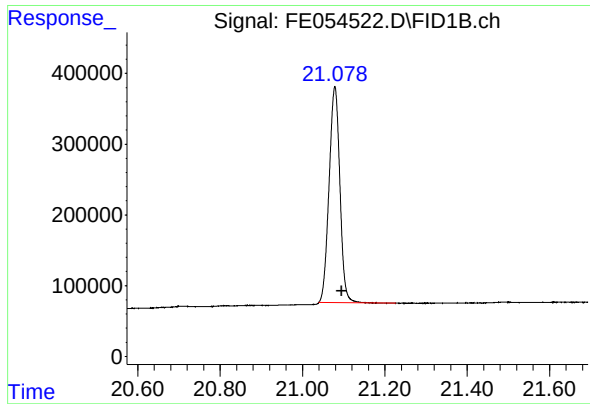
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 5235016
Conc: 42.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.015 min
Response: 5374121
Conc: 41.75 ug/ml m



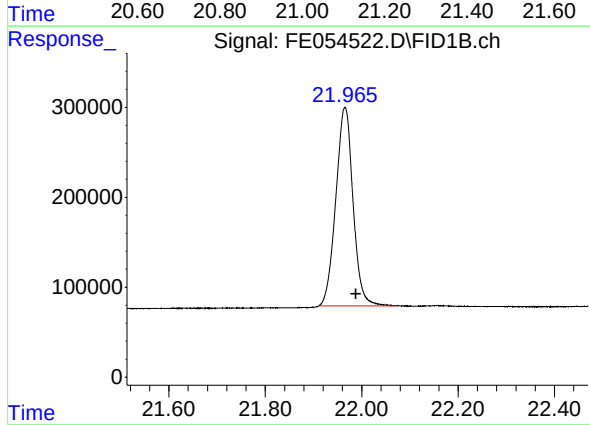
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.017 min
Response: 5552967
Conc: 42.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.023 min
Response: 5485339
Conc: 40.72 ug/ml m