

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054313.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 17:52
 Operator : YP\AJ
 Sample : Q2280-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-210MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 01:23:44 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)	11.830	5778434	34.971 ug/ml
Spiked Amount 50.000		Recovery =	69.94%
12) S 1-chlorooctadecane (S...	13.274	4764147	39.067 ug/mlm
Spiked Amount 50.000		Recovery =	78.13%
Target Compounds			
1) T n-Nonane (C9)	3.179	3818596	30.751 ug/ml
2) T n-Decane (C10)	4.442	4177764	33.623 ug/ml
3) T A~Naphthalene (C11.7)	6.155	4198051	31.064 ug/ml
4) T n-Dodecane (C12)	6.623	4729552	37.143 ug/ml
5) T A~2-methylnaphthalene...	7.257	4040843	30.508 ug/ml
6) T n-Tetradecane (C14)	8.458	5073476	39.188 ug/ml
7) T n-Hexadecane (C16)	10.069	5703808	42.938 ug/ml
8) T n-Octadecane (C18)	11.517	6115890	45.292 ug/ml
10) T n-Eicosane (C20)	12.830	6461636	48.302 ug/ml
11) T n-Heneicosane (C21)	13.443	6232804	46.874 ug/ml
13) T n-Docosane (C22)	14.031	6213380	47.387 ug/ml
14) T n-Tetracosane (C24)	15.131	11184832	86.708 ug/ml
15) T n-Hexacosane (C26)	16.160	6053840	48.227 ug/ml
16) T n-Octacosane (C28)	17.110	5944127	48.472 ug/mlm
17) T n-Tricontane (C30)	18.001	5820391	46.961 ug/ml
18) T n-Dotriacontane (C32)	18.833	5262958	41.888 ug/ml
19) T n-Tetratriacontane (C34)	19.617	3428181	27.556 ug/ml
20) T n-Hexatriacontane (C36)	20.355	1705393	13.248 ug/ml
21) T n-Octatriacontane (C38)	21.082	871228	6.598 ug/ml
22) T n-Tetracontane (C40)	21.970	483675	3.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q2280-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

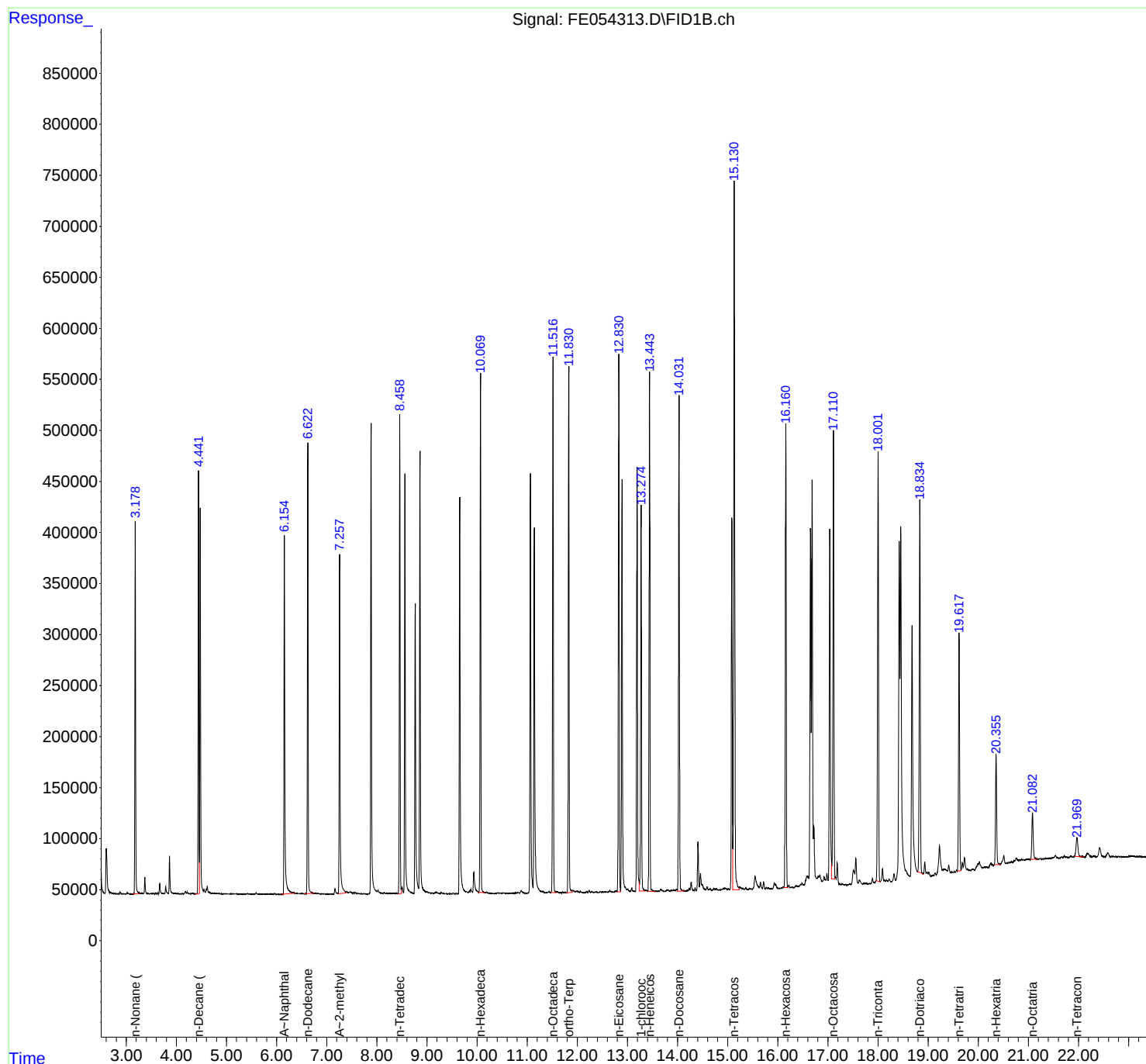
Instrument :
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VNJ-210MS

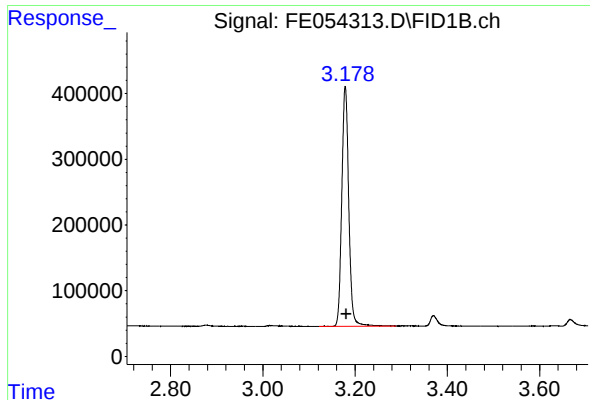
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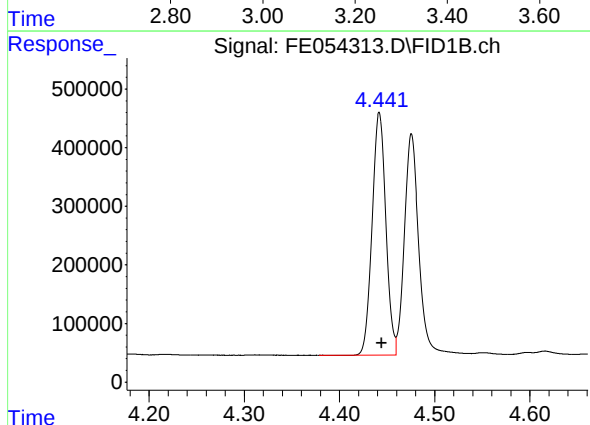
#1 n-Nonane (C9)

R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 3818596
Conc: 30.75 ug/ml

Instrument :
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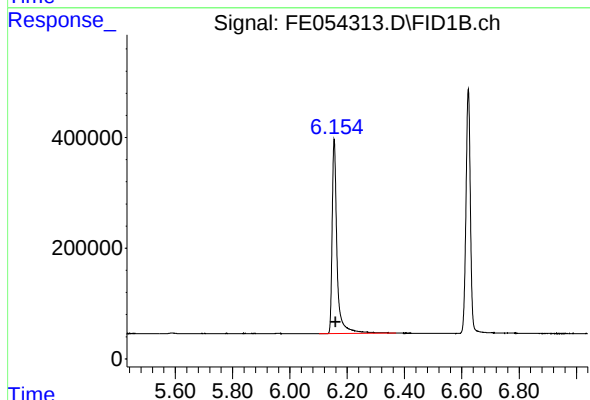
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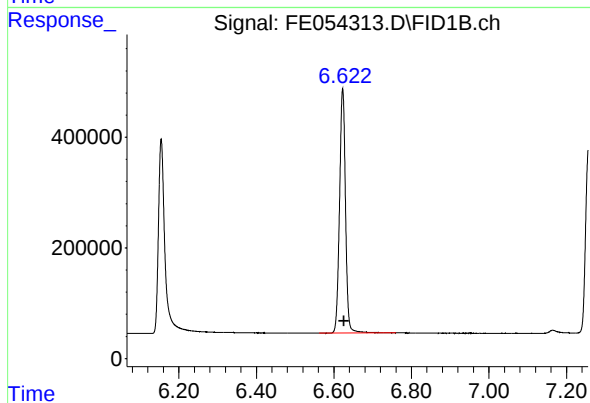
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 4177764
Conc: 33.62 ug/ml



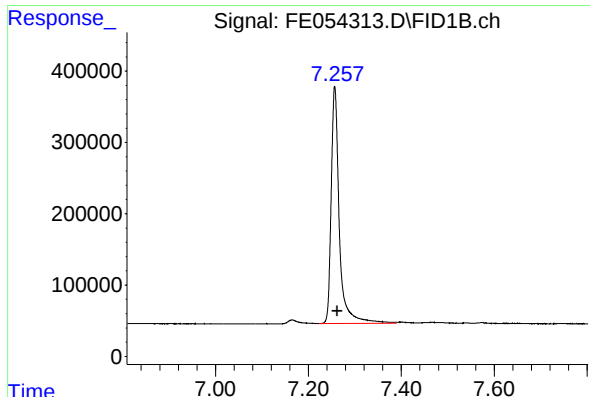
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.006 min
Response: 4198051
Conc: 31.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 4729552
Conc: 37.14 ug/ml



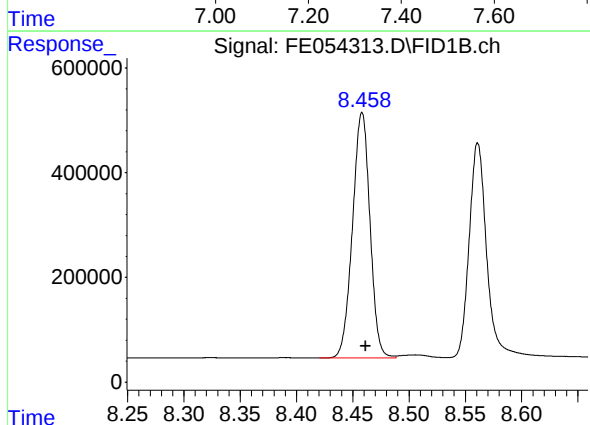
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.006 min
Response: 4040843
Conc: 30.51 ug/ml

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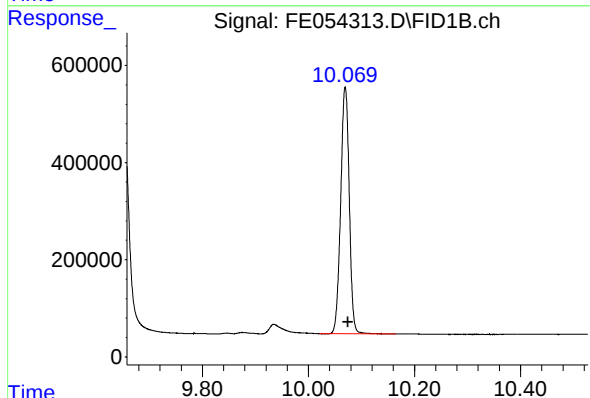
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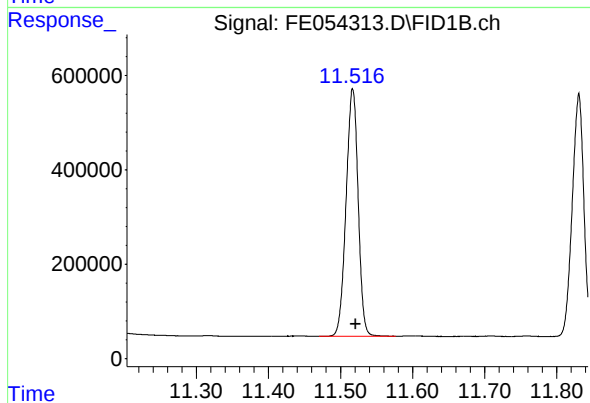
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.003 min
Response: 5073476
Conc: 39.19 ug/ml



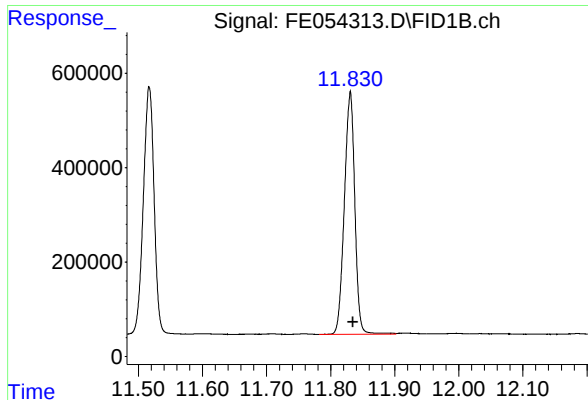
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.005 min
Response: 5703808
Conc: 42.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.004 min
Response: 6115890
Conc: 45.29 ug/ml



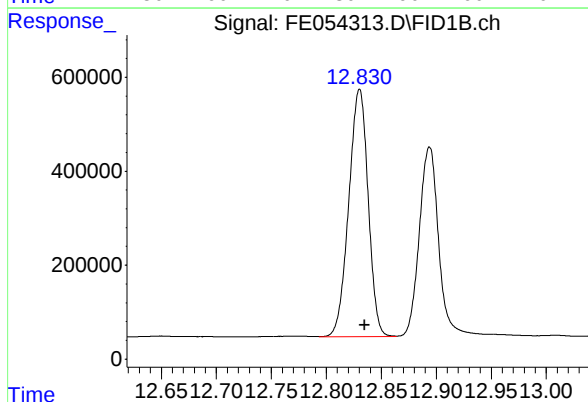
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.005 min
Response: 5778434
Conc: 34.97 ug/ml

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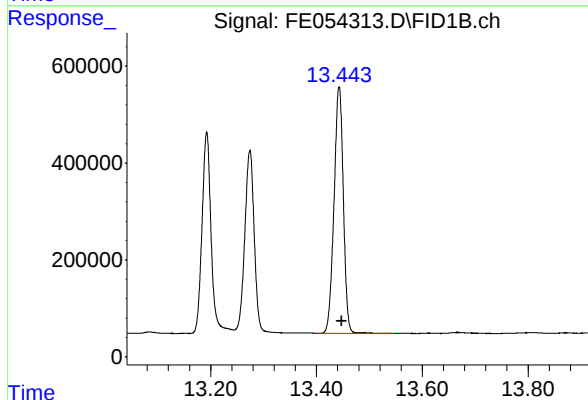
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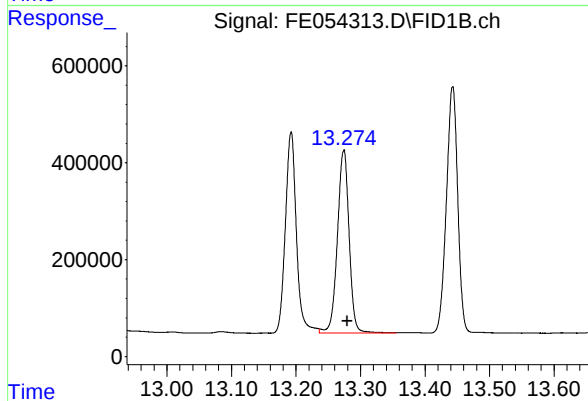
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.005 min
Response: 6461636
Conc: 48.30 ug/ml



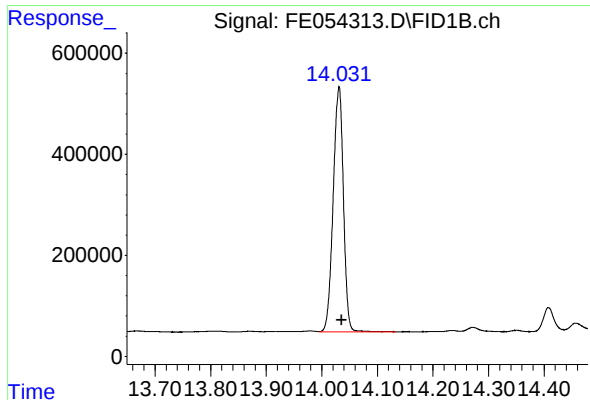
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 6232804
Conc: 46.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.005 min
Response: 4764147
Conc: 39.07 ug/ml m



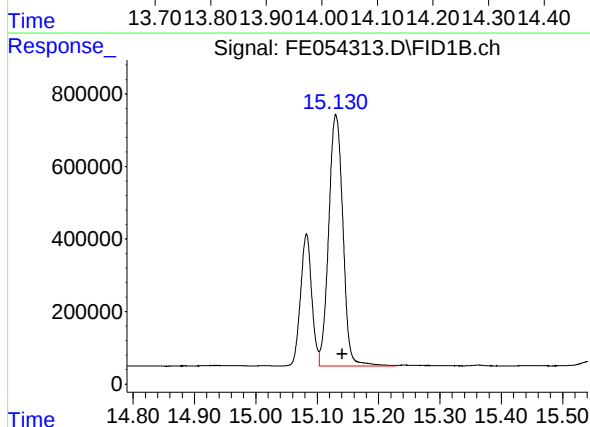
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.005 min
Response: 6213380
Conc: 47.39 ug/ml

Instrument :
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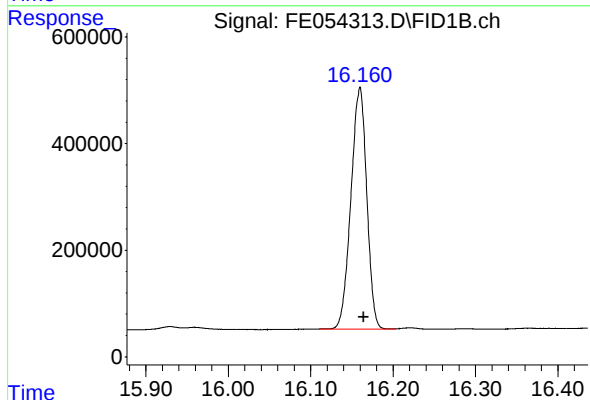
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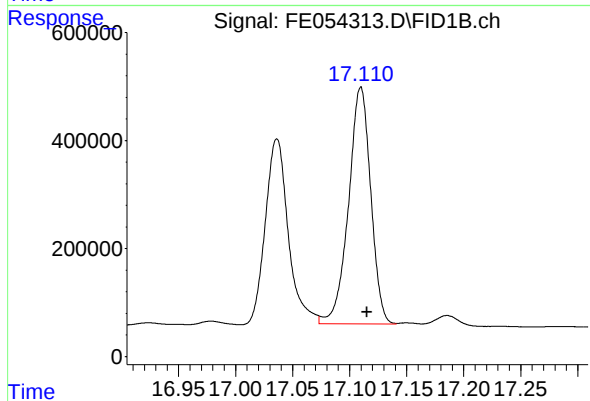
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.011 min
Response: 11184832
Conc: 86.71 ug/ml



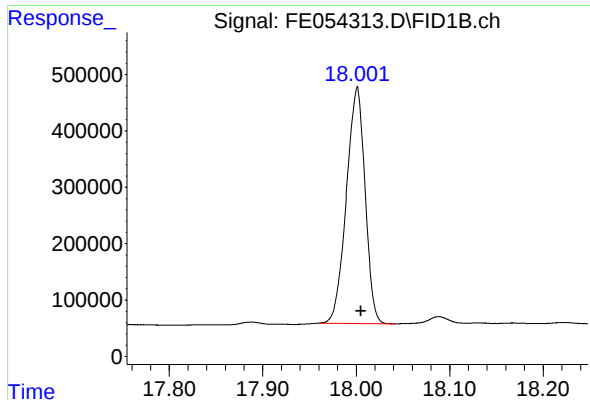
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.005 min
Response: 6053840
Conc: 48.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.005 min
Response: 5944127
Conc: 48.47 ug/ml m



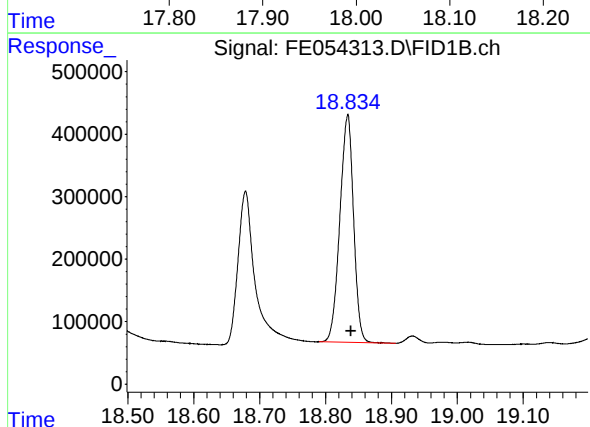
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.004 min
Response: 5820391
Conc: 46.96 ug/ml

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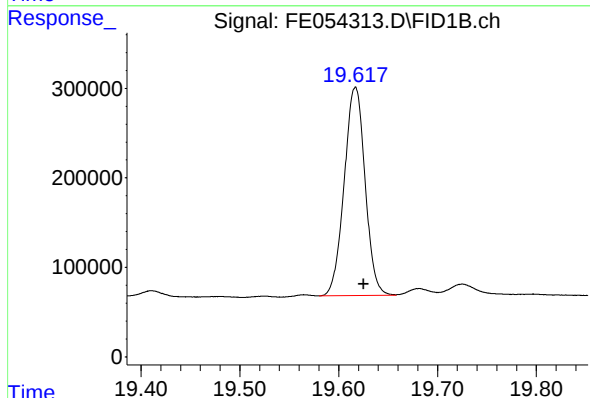
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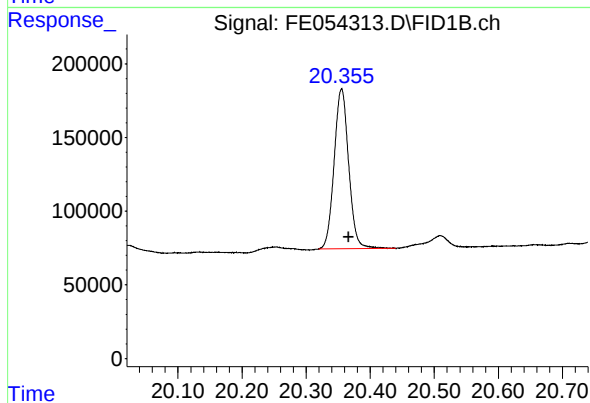
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 5262958
Conc: 41.89 ug/ml



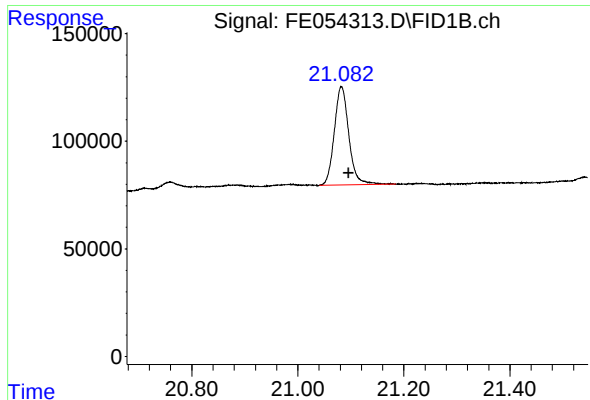
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.008 min
Response: 3428181
Conc: 27.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.011 min
Response: 1705393
Conc: 13.25 ug/ml



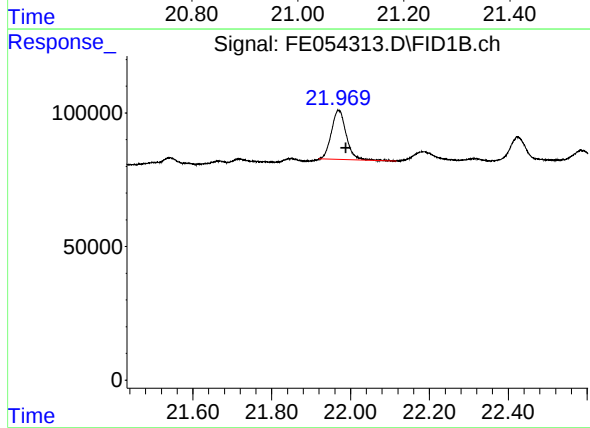
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.013 min
Response: 871228
Conc: 6.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.018 min
Response: 483675
Conc: 3.59 ug/ml