

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054314.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 18:22
 Operator : YP\AJ
 Sample : Q2280-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-210MSD

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 01:24:04 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)	11.831	5724528	34.645 ug/ml
Spiked Amount 50.000		Recovery =	69.29%
12) S 1-chlorooctadecane (S...	13.274	4684040	38.410 ug/mlm
Spiked Amount 50.000		Recovery =	76.82%
Target Compounds			
1) T n-Nonane (C9)	3.178	3800227	30.603 ug/ml
2) T n-Decane (C10)	4.442	4154940	33.439 ug/ml
3) T A~Naphthalene (C11.7)	6.155	4184977	30.968 ug/ml
4) T n-Dodecane (C12)	6.623	4710759	36.996 ug/ml
5) T A~2-methylnaphthalene...	7.257	3999369	30.195 ug/ml
6) T n-Tetradecane (C14)	8.458	5023568	38.803 ug/ml
7) T n-Hexadecane (C16)	10.070	5642267	42.475 ug/ml
8) T n-Octadecane (C18)	11.517	6047094	44.782 ug/ml
10) T n-Eicosane (C20)	12.830	6412337	47.933 ug/ml
11) T n-Heneicosane (C21)	13.443	6187502	46.534 ug/ml
13) T n-Docosane (C22)	14.031	6156829	46.955 ug/ml
14) T n-Tetracosane (C24)	15.131	11169094	86.586 ug/ml
15) T n-Hexacosane (C26)	16.160	6043616	48.145 ug/ml
16) T n-Octacosane (C28)	17.111	5918932	48.266 ug/mlm
17) T n-Tricontane (C30)	18.002	5827518	47.018 ug/ml
18) T n-Dotriacontane (C32)	18.833	5272635	41.965 ug/ml
19) T n-Tetratriacontane (C34)	19.617	3438801	27.642 ug/ml
20) T n-Hexatriacontane (C36)	20.357	1709255	13.278 ug/ml
21) T n-Octatriacontane (C38)	21.083	882279	6.682 ug/ml
22) T n-Tetracontane (C40)	21.970	491539	3.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

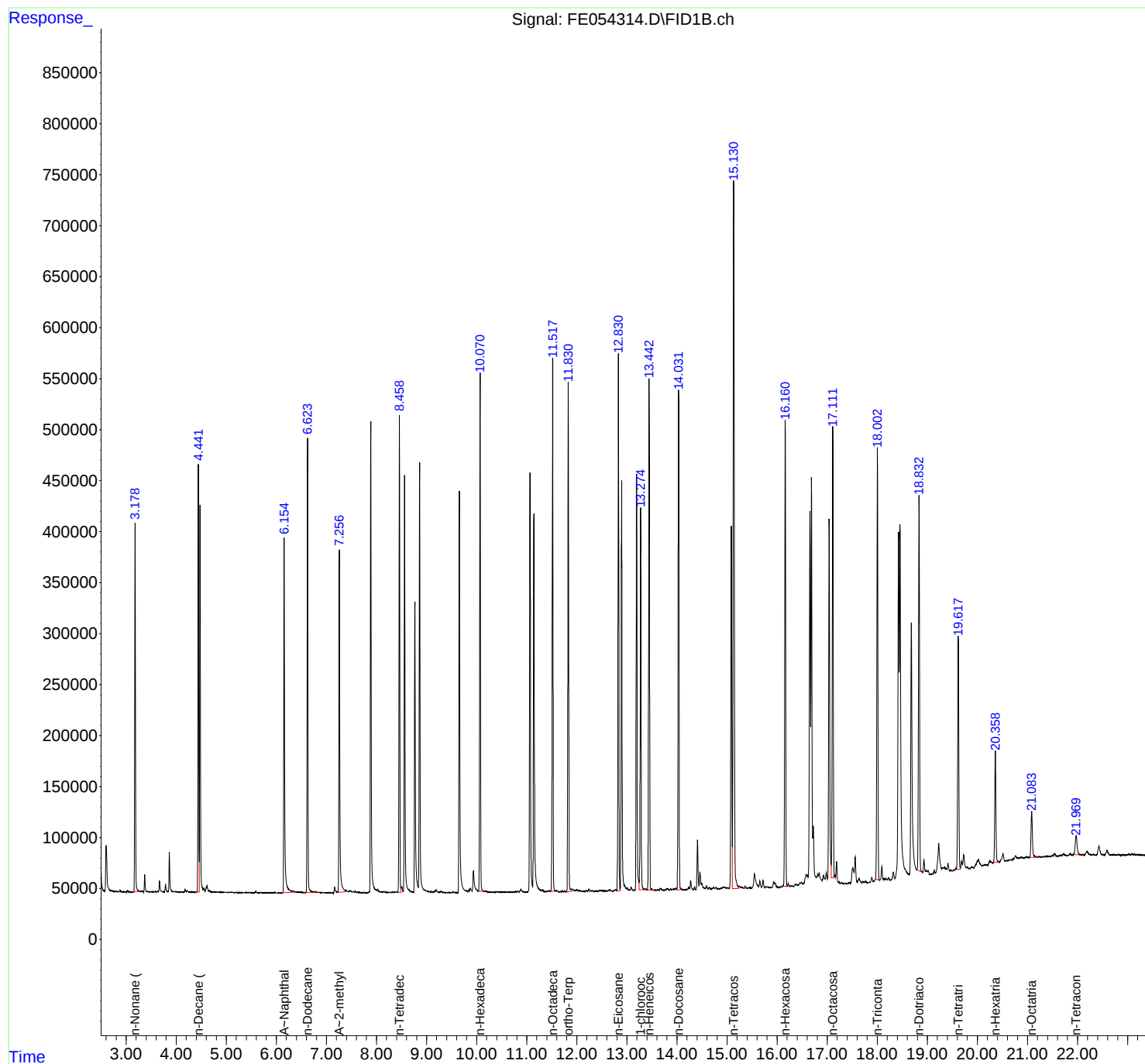
Instrument :
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VNJ-210MSD

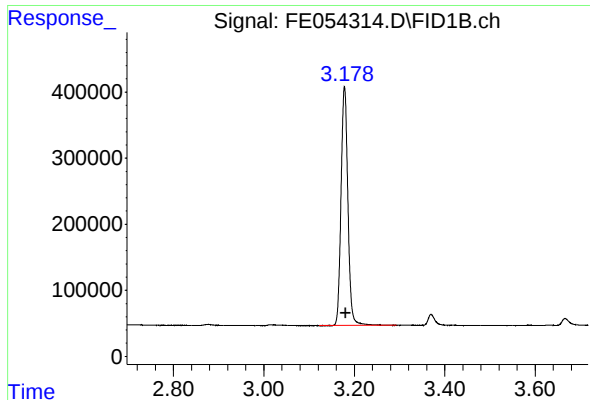
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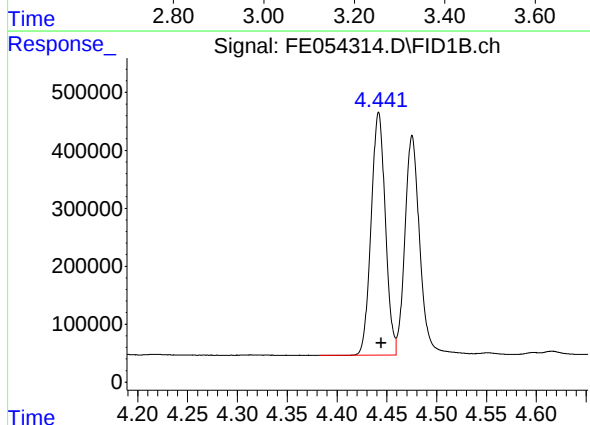
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 3800227
Conc: 30.60 ug/ml

Instrument :
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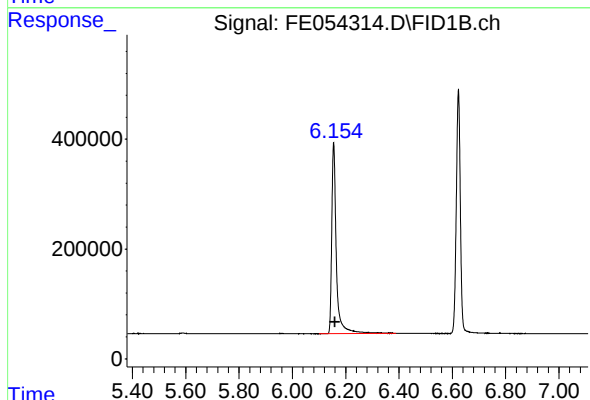
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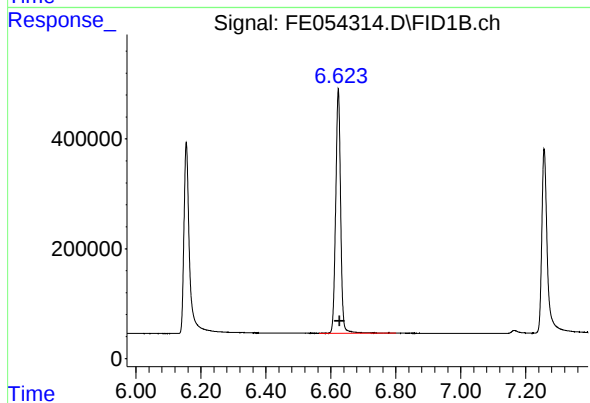
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 4154940
Conc: 33.44 ug/ml



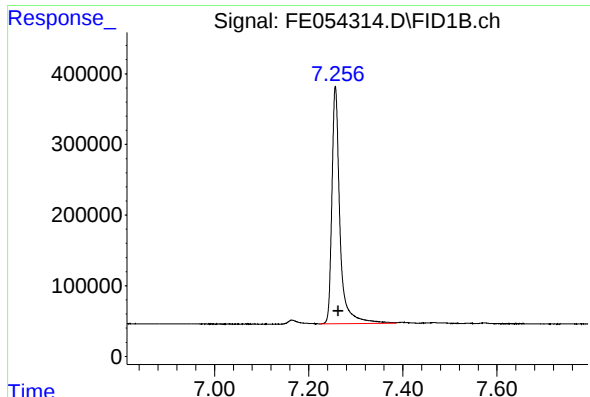
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 4184977
Conc: 30.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 4710759
Conc: 37.00 ug/ml



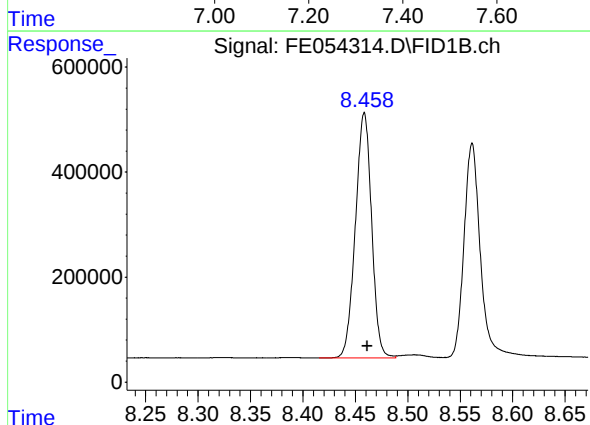
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.006 min
Response: 3999369
Conc: 30.19 ug/ml

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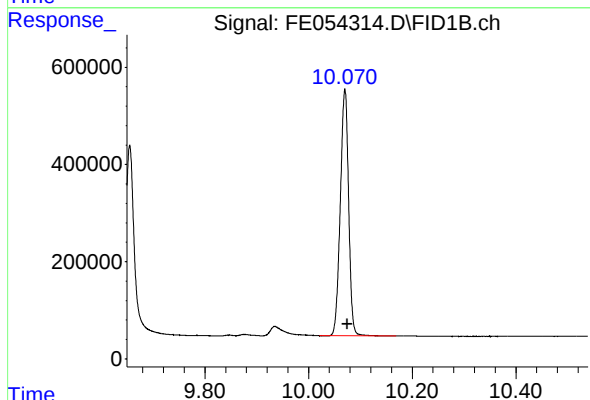
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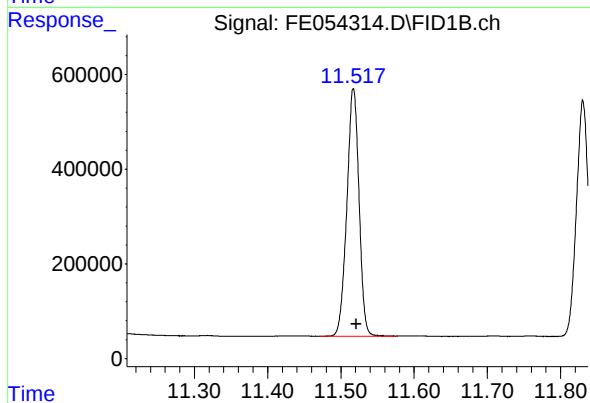
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.003 min
Response: 5023568
Conc: 38.80 ug/ml



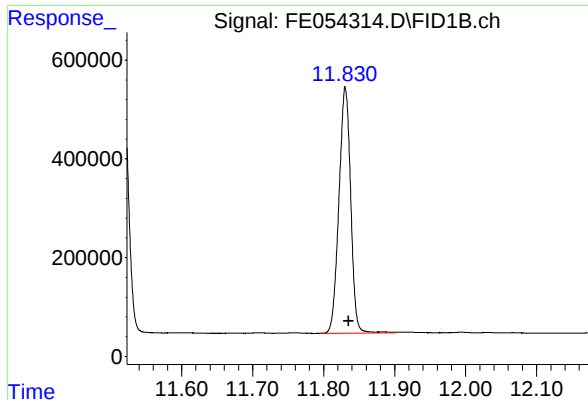
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.005 min
Response: 5642267
Conc: 42.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.004 min
Response: 6047094
Conc: 44.78 ug/ml



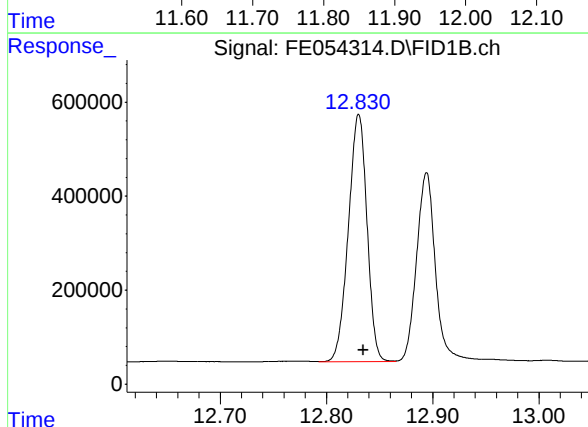
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.004 min
Response: 5724528
Conc: 34.64 ug/ml

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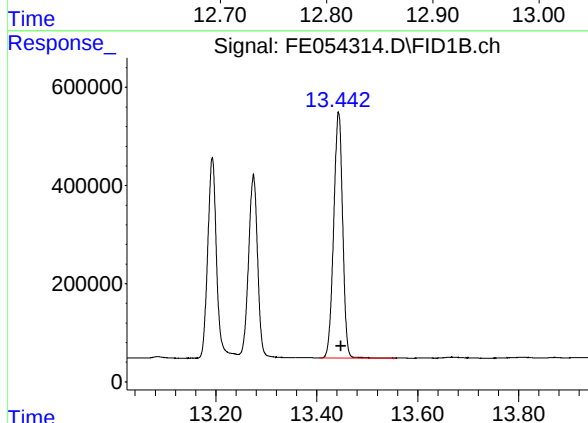
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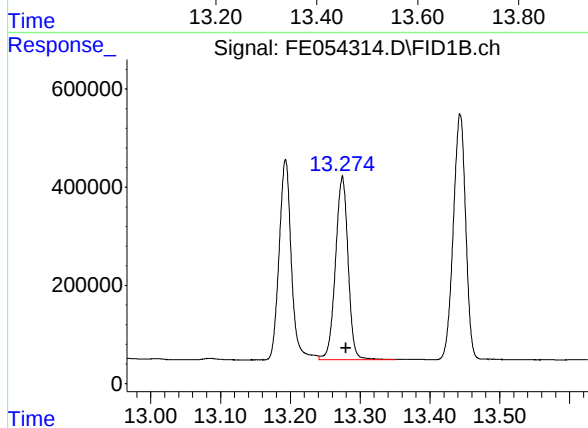
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.004 min
Response: 6412337
Conc: 47.93 ug/ml



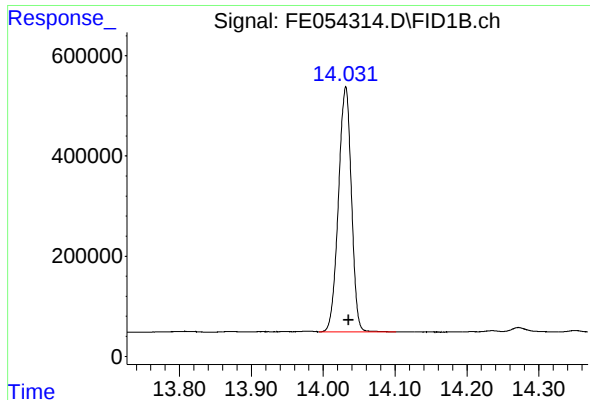
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 6187502
Conc: 46.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.005 min
Response: 4684040
Conc: 38.41 ug/ml m



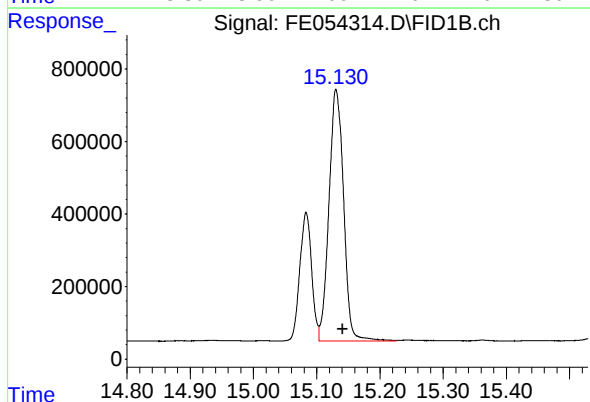
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.004 min
Response: 6156829
Conc: 46.96 ug/ml

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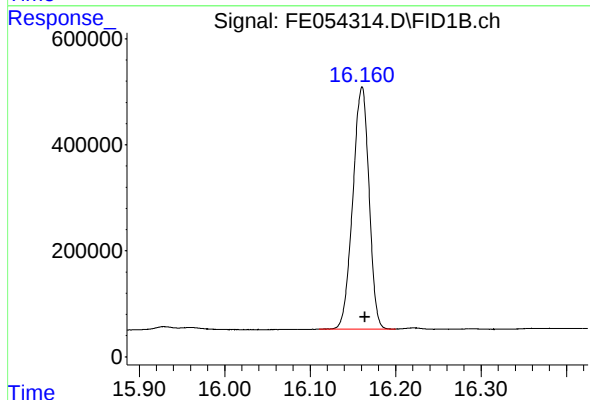
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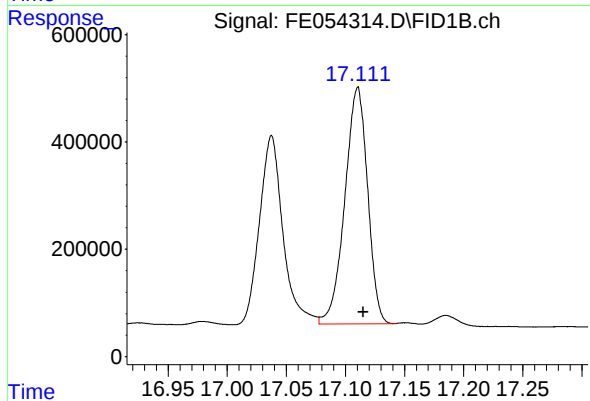
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.010 min
Response: 11169094
Conc: 86.59 ug/ml



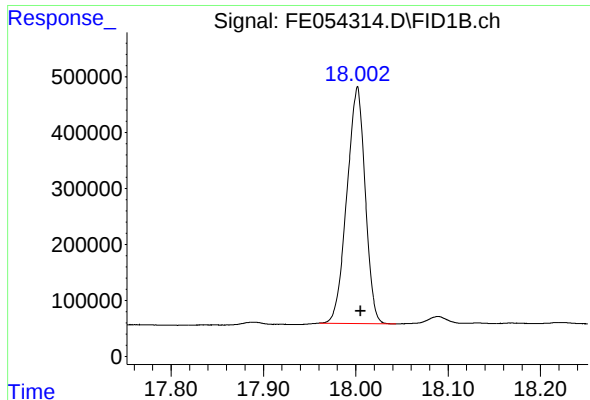
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.004 min
Response: 6043616
Conc: 48.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.005 min
Response: 5918932
Conc: 48.27 ug/ml m



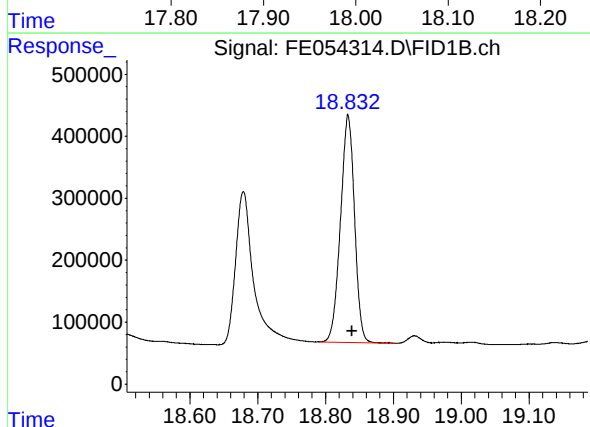
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.004 min
Response: 5827518
Conc: 47.02 ug/ml

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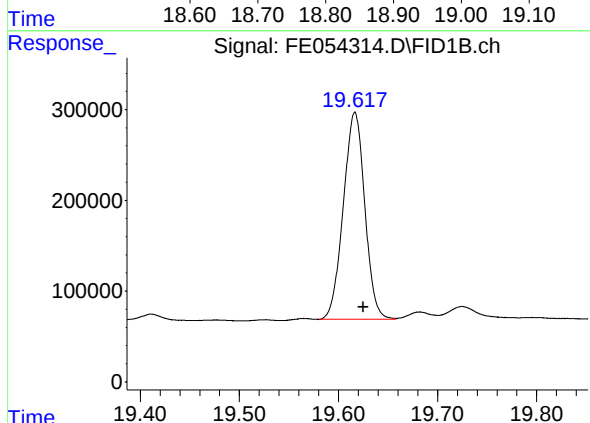
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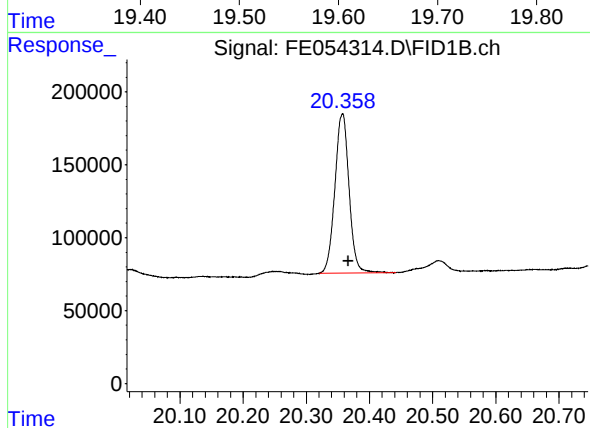
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 5272635
Conc: 41.96 ug/ml



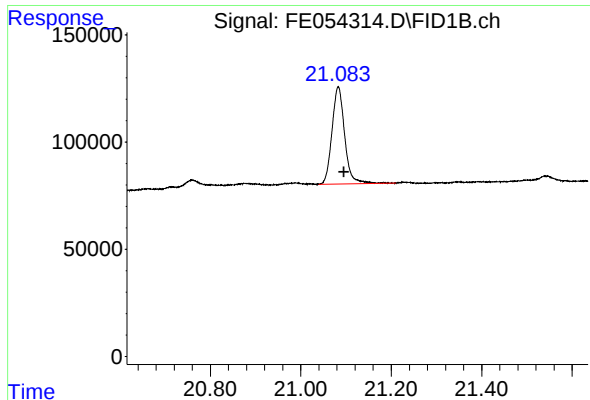
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.009 min
Response: 3438801
Conc: 27.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.009 min
Response: 1709255
Conc: 13.28 ug/ml



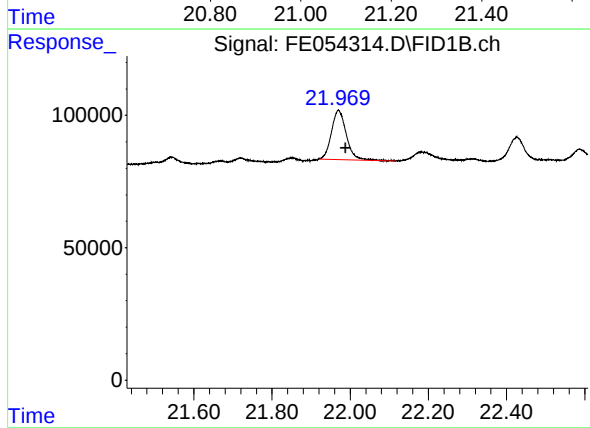
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.013 min
Response: 882279
Conc: 6.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.018 min
Response: 491539
Conc: 3.65 ug/ml