

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054289.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 16:17
 Operator : YP\AJ
 Sample : PB168374BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168374BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e
 Quant Time: Jun 11 02:37:20 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)	11.835	7650819	46.303 ug/ml
Spiked Amount 50.000		Recovery =	92.61%
12) S 1-chlorooctadecane (S...	13.279	6177277	50.655 ug/mlm
Spiked Amount 50.000		Recovery =	101.31%
Target Compounds			
1) T n-Nonane (C9)	3.191	5463276	43.995 ug/ml
2) T n-Decane (C10)	4.449	5666341	45.603 ug/ml
3) T A~Naphthalene (C11.7)	6.159	7069860	52.315 ug/ml
4) T n-Dodecane (C12)	6.626	6141381	48.231 ug/ml
5) T A~2-methylnaphthalene...	7.260	6745816	50.930 ug/ml
6) T n-Tetradecane (C14)	8.463	6750001	52.138 ug/ml
7) T n-Hexadecane (C16)	10.074	7526234	56.657 ug/ml
8) T n-Octadecane (C18)	11.522	7704657	57.058 ug/ml
10) T n-Eicosane (C20)	12.835	7971389	59.587 ug/ml
11) T n-Heneicosane (C21)	13.448	7635312	57.422 ug/ml
13) T n-Docosane (C22)	14.035	7530364	57.431 ug/ml
14) T n-Tetracosane (C24)	15.137	15737957	122.005 ug/ml
15) T n-Hexacosane (C26)	16.165	7251201	57.765 ug/ml
16) T n-Octacosane (C28)	17.115	7572467	61.750 ug/mlm
17) T n-Tricontane (C30)	18.007	7204380	58.127 ug/ml
18) T n-Dotriacontane (C32)	18.838	7110474	56.592 ug/ml
19) T n-Tetratriacontane (C34)	19.624	7572228	60.867 ug/ml
20) T n-Hexatriacontane (C36)	20.365	7887990	61.275 ug/ml
21) T n-Octatriacontane (C38)	21.094	8407913	63.676 ug/ml
22) T n-Tetracontane (C40)	21.986	8395402	62.324 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168374BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

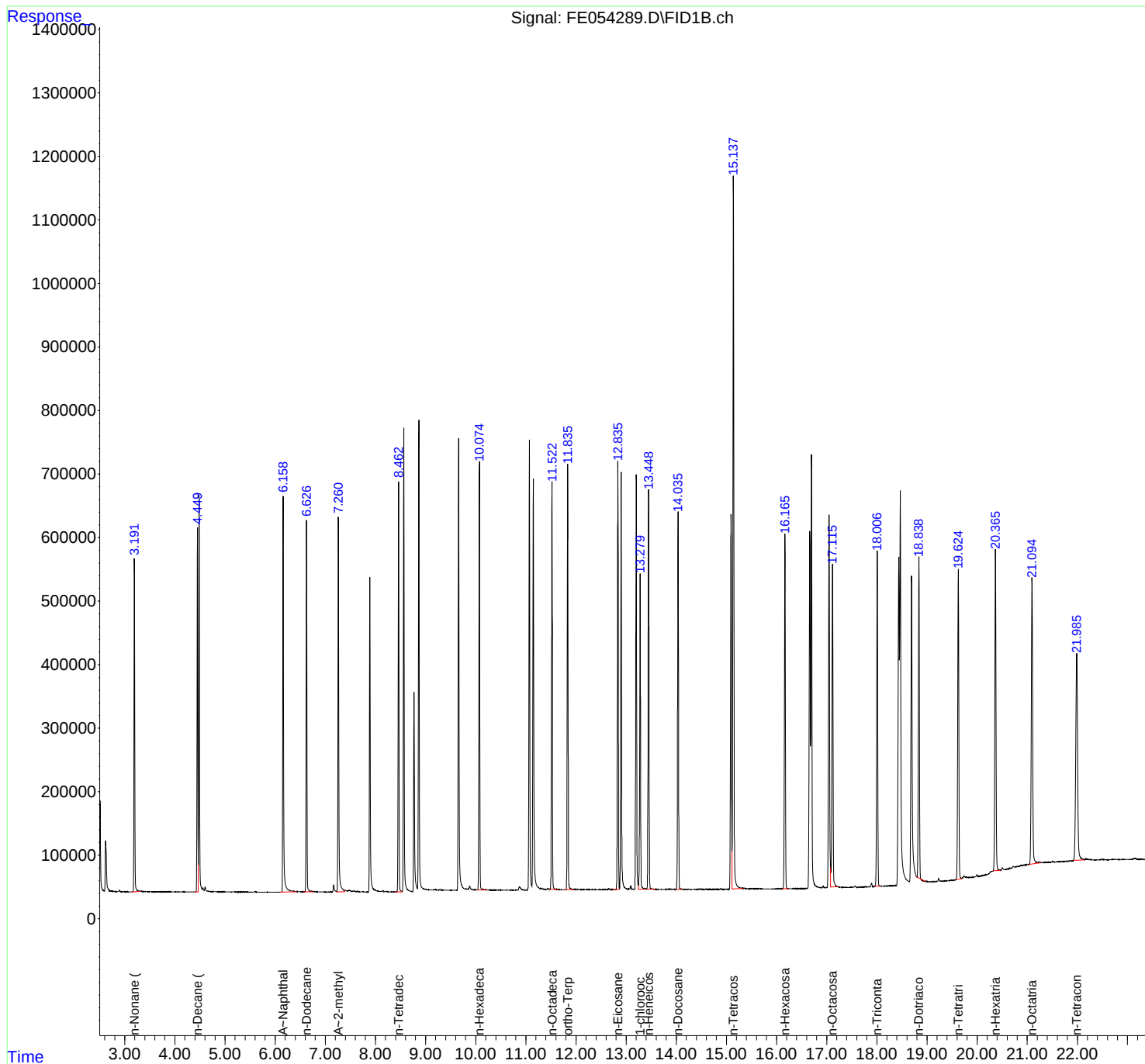
Instrument :
FID_E
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PB168374BSD

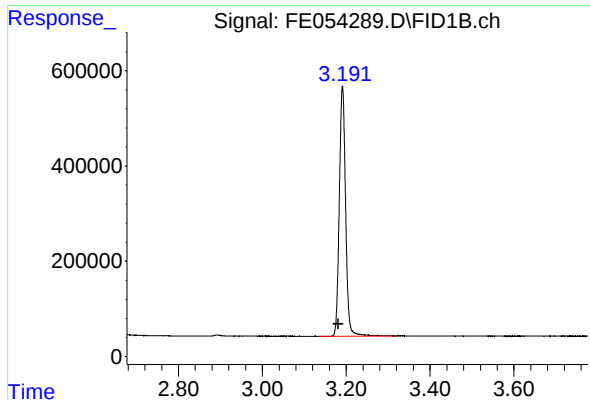
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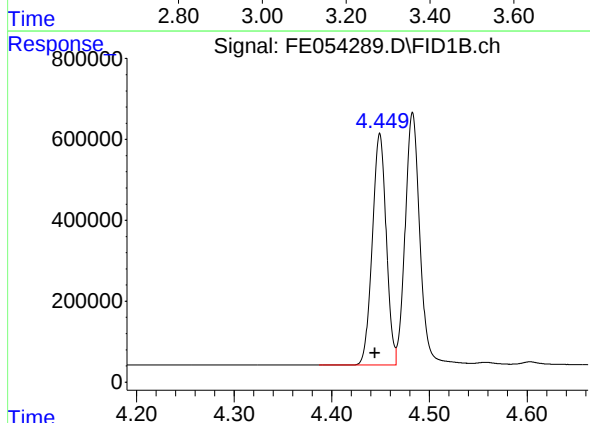
#1 n-Nonane (C9)

R.T.: 3.191 min
Delta R.T.: 0.010 min
Response: 5463276
Conc: 43.99 ug/ml

Instrument :
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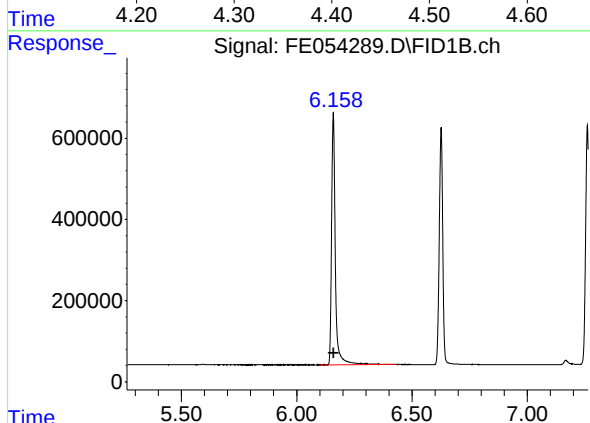
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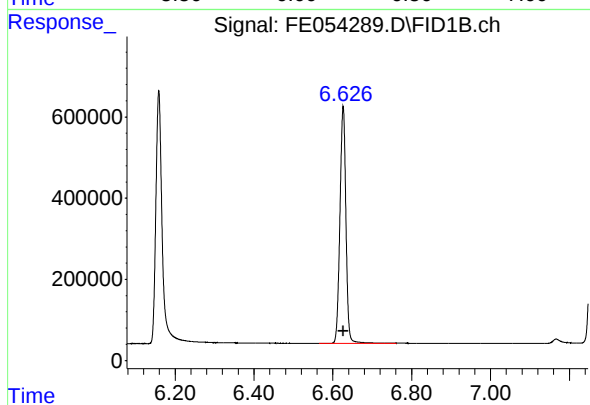
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.005 min
Response: 5666341
Conc: 45.60 ug/ml



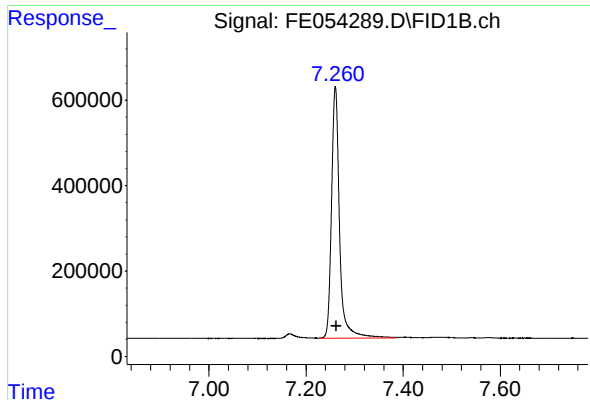
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 7069860
Conc: 52.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 6141381
Conc: 48.23 ug/ml



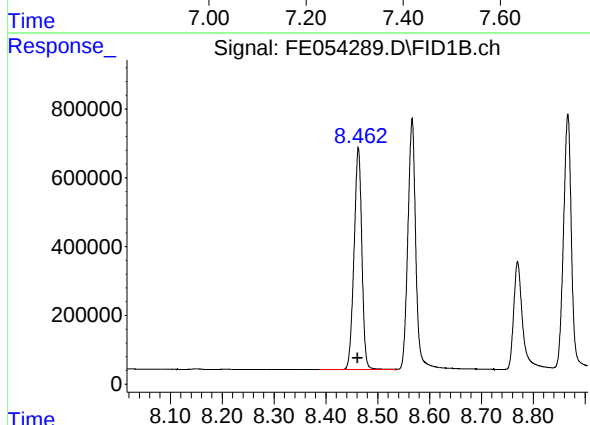
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 6745816
Conc: 50.93 ug/ml

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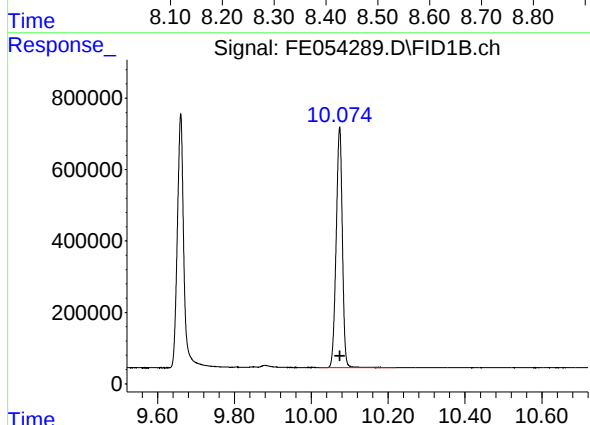
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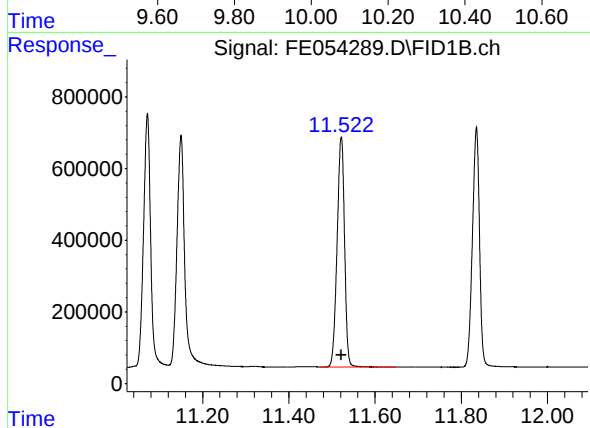
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.001 min
Response: 6750001
Conc: 52.14 ug/ml



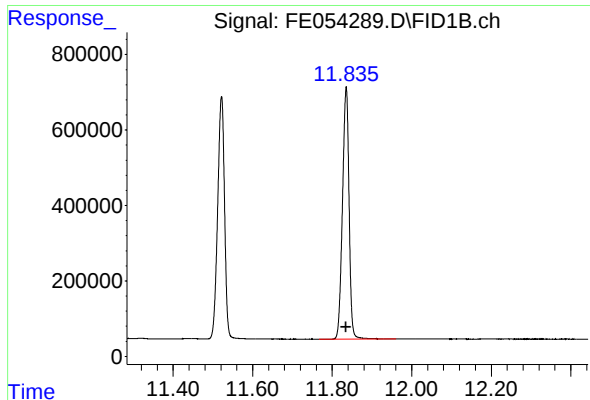
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: 0.000 min
Response: 7526234
Conc: 56.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 7704657
Conc: 57.06 ug/ml



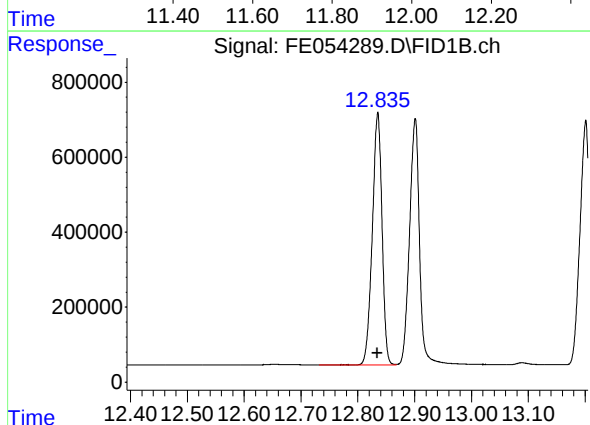
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 7650819
Conc: 46.30 ug/ml

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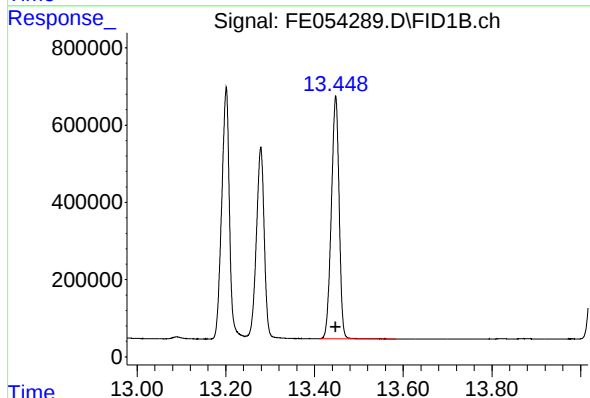
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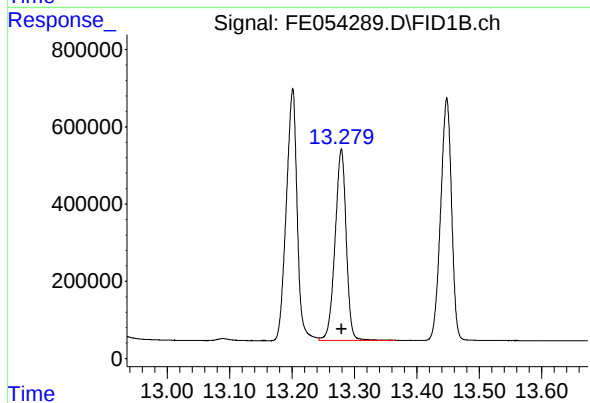
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 7971389
Conc: 59.59 ug/ml



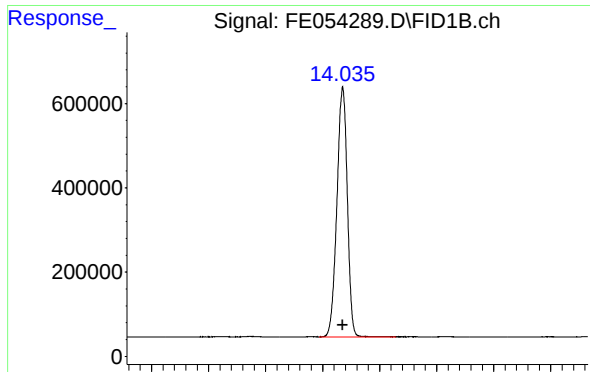
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: 0.000 min
Response: 7635312
Conc: 57.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 6177277
Conc: 50.65 ug/ml m



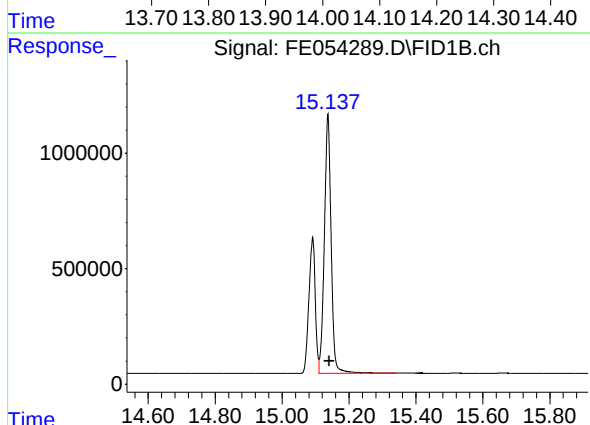
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: 0.000 min
Response: 7530364
Conc: 57.43 ug/ml

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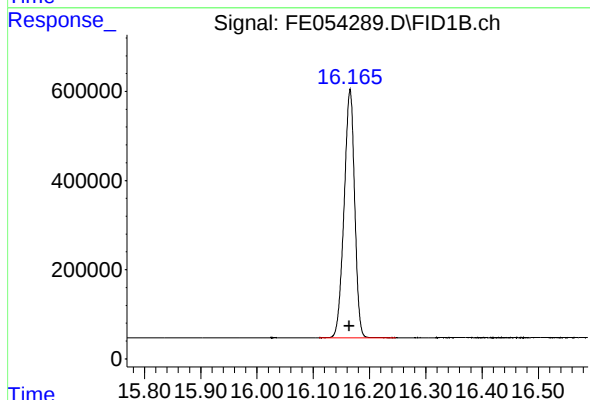
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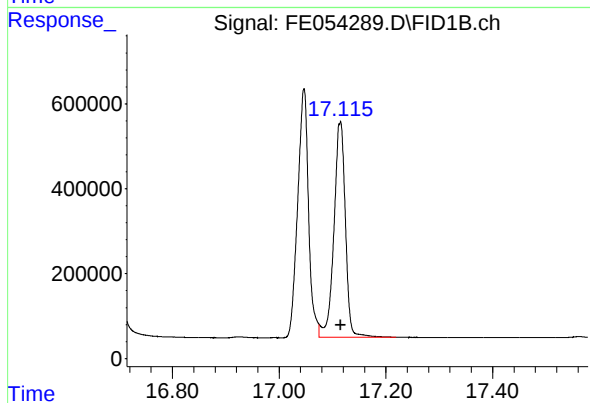
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.005 min
Response: 15737957
Conc: 122.01 ug/ml



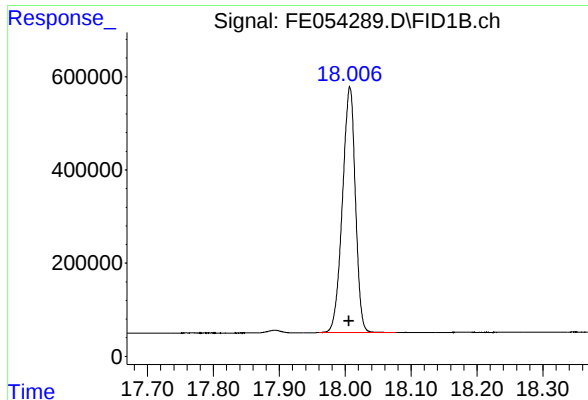
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: 0.001 min
Response: 7251201
Conc: 57.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 7572467
Conc: 61.75 ug/ml m



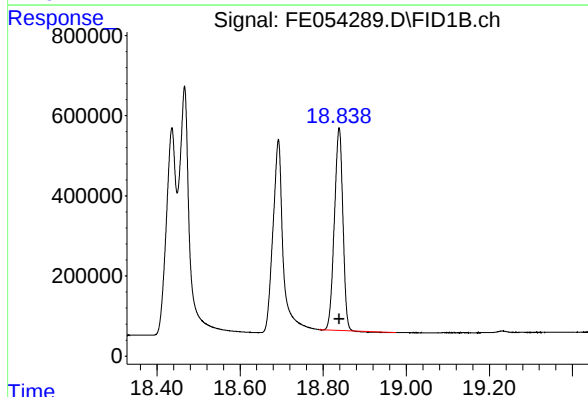
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: 0.002 min
Response: 7204380
Conc: 58.13 ug/ml

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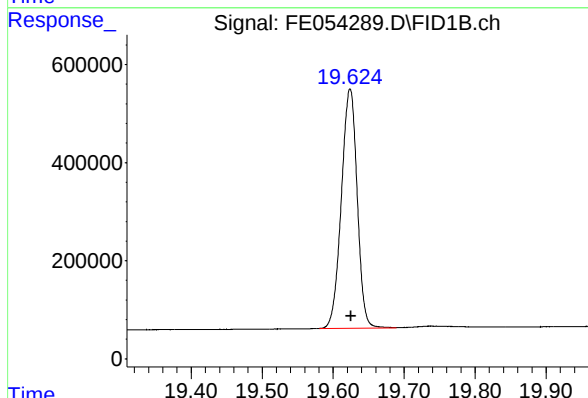
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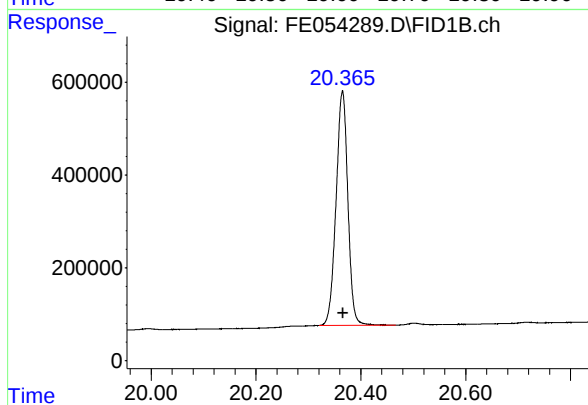
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.000 min
Response: 7110474
Conc: 56.59 ug/ml



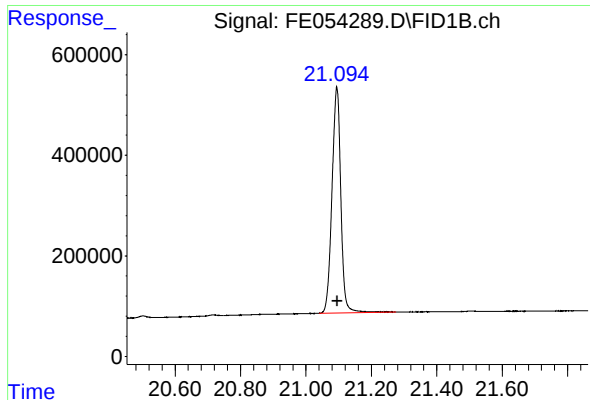
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.001 min
Response: 7572228
Conc: 60.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: -0.001 min
Response: 7887990
Conc: 61.27 ug/ml



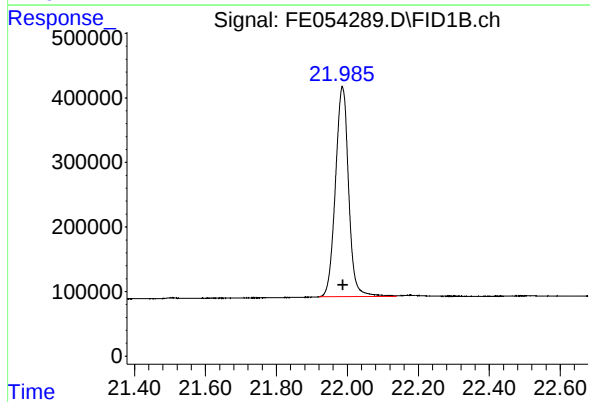
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.001 min
Response: 8407913
Conc: 63.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.002 min
Response: 8395402
Conc: 62.32 ug/ml