

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053500.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 14:47
 Operator : YP\AJ
 Sample : PB167712BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167712BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File: autoint1.e

Quant Time: Apr 24 01:26:25 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Wed Apr 23 15:58:53 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)	11.871	6027461	33.419 ug/ml
Spiked Amount 50.000		Recovery =	66.84%
12) S 1-chlorooctadecane (S...	13.316	4681980	34.636 ug/ml
Spiked Amount 50.000		Recovery =	69.27%
Target Compounds			
1) T n-Nonane (C9)	3.227	5011645	36.554 ug/ml
2) T n-Decane (C10)	4.484	5248955	37.944 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6059171	40.142 ug/ml
4) T n-Dodecane (C12)	6.661	5391524	38.443 ug/ml
5) T A~2-methylnaphthalene...	7.294	5499944	36.837 ug/ml
6) T n-Tetradecane (C14)	8.498	5464774	38.954 ug/ml
7) T n-Hexadecane (C16)	10.109	5402271	37.693 ug/ml
8) T n-Octadecane (C18)	11.557	5331396	36.583 ug/mlm
10) T n-Eicosane (C20)	12.871	5439380	37.381 ug/ml
11) T n-Heneicosane (C21)	13.485	5205081	35.936 ug/ml
13) T n-Docosane (C22)	14.071	5139092	35.613 ug/ml
14) T n-Tetracosane (C24)	15.168	10611030	73.872 ug/ml
15) T n-Hexacosane (C26)	16.202	4942189	34.895 ug/ml
16) T n-Octacosane (C28)	17.153	5140227	36.947 ug/ml
17) T n-Tricontane (C30)	18.043	4806083	34.528 ug/ml
18) T n-Dotriacontane (C32)	18.875	4646937	33.843 ug/ml
19) T n-Tetratriacontane (C34)	19.661	4682766	35.940 ug/ml
20) T n-Hexatriacontane (C36)	20.402	4473700	35.436 ug/ml
21) T n-Octatriacontane (C38)	21.137	4359859	35.786 ug/ml
22) T n-Tetracontane (C40)	22.042	4269522	35.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 23 Apr 2025 14:47
Operator : YP\AJ
Sample : PB167712BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

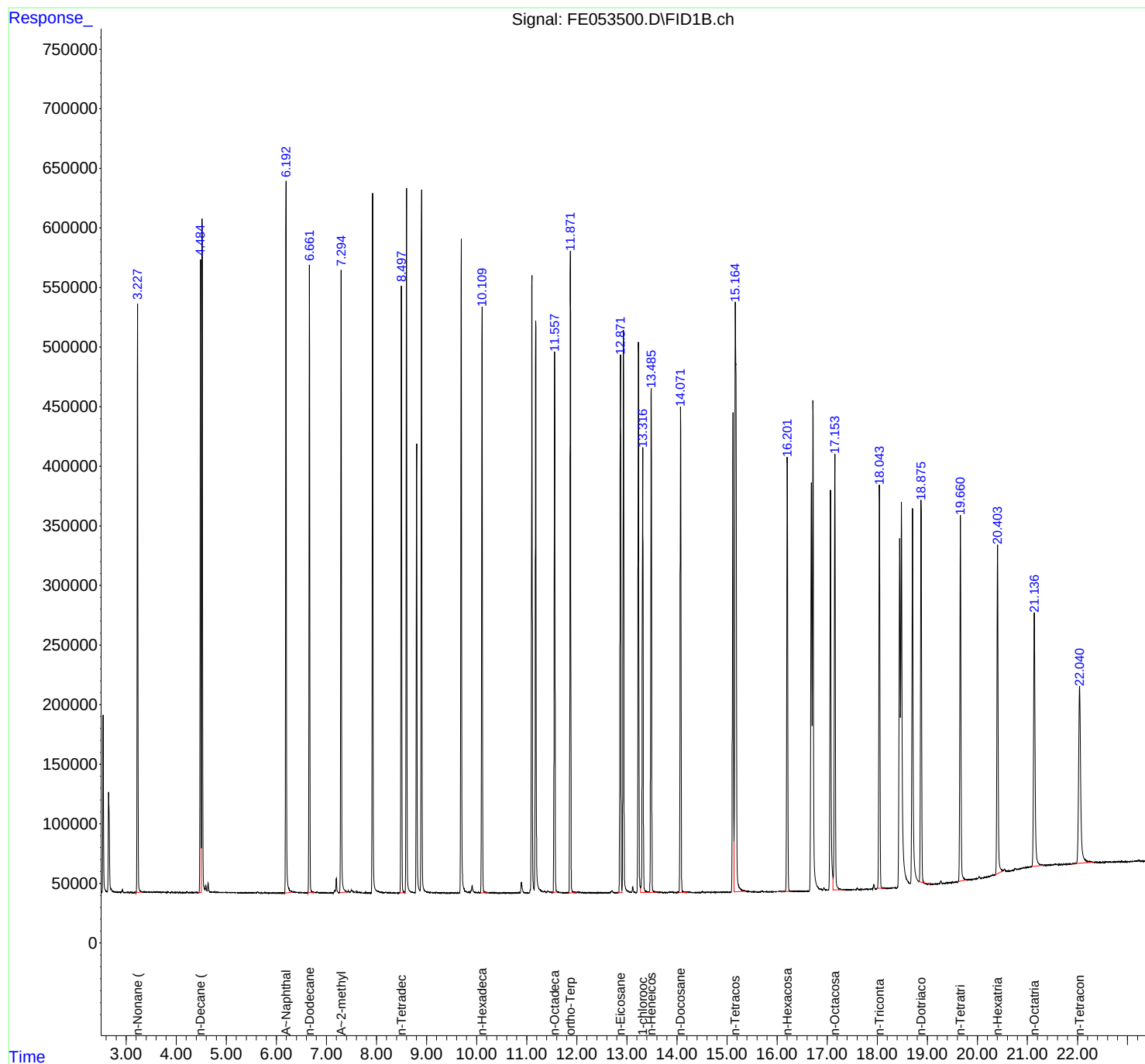
Instrument :
FID_E
ClientSampleId :
PB167712BSD

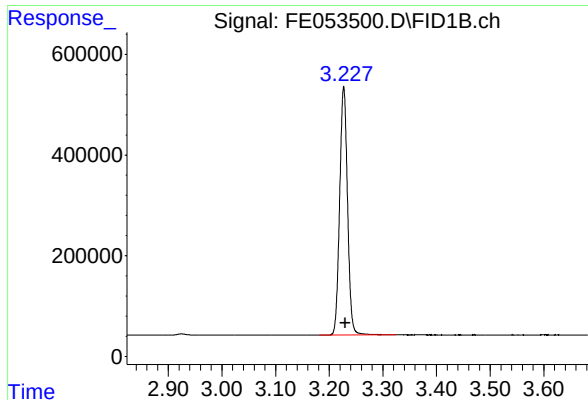
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Signal Phase : Rxi-1ms
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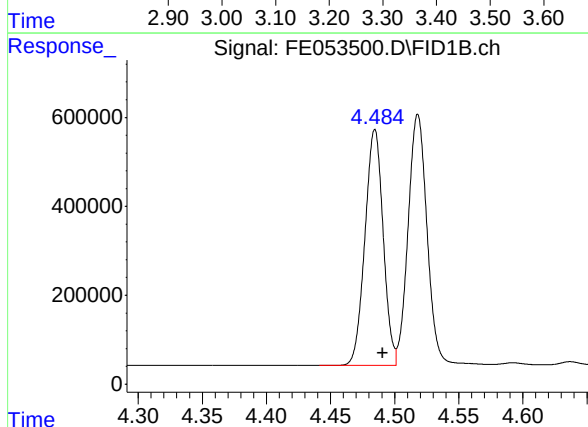
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.003 min
Response: 5011645
Conc: 36.55 ug/ml

Instrument :
FID_E
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PB167712BSD

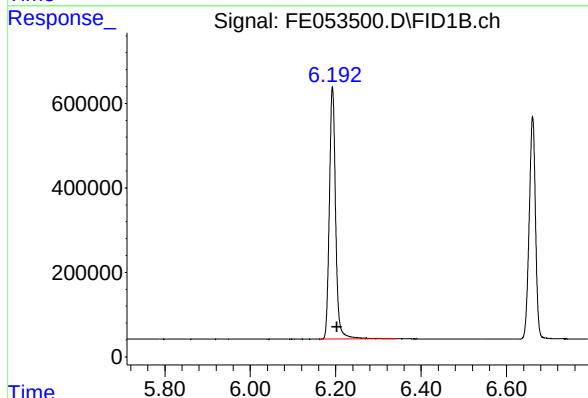
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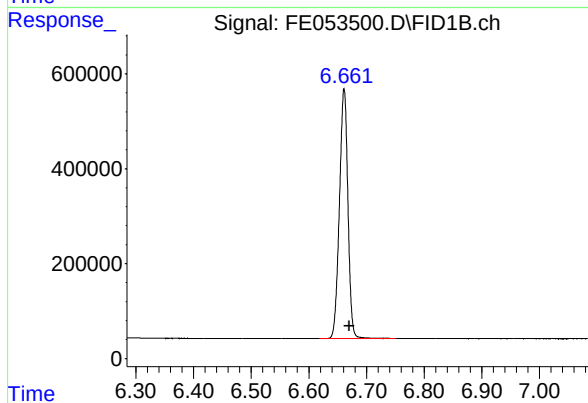
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 5248955
Conc: 37.94 ug/ml



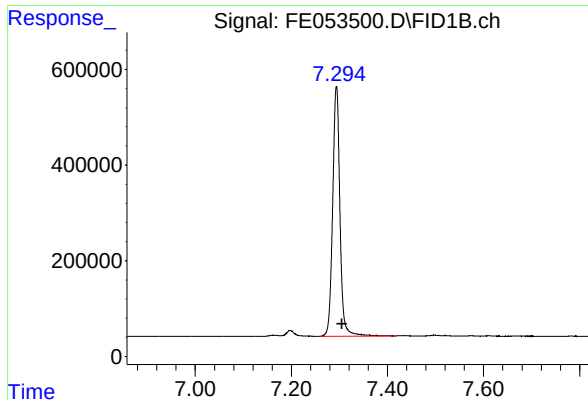
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 6059171
Conc: 40.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.010 min
Response: 5391524
Conc: 38.44 ug/ml



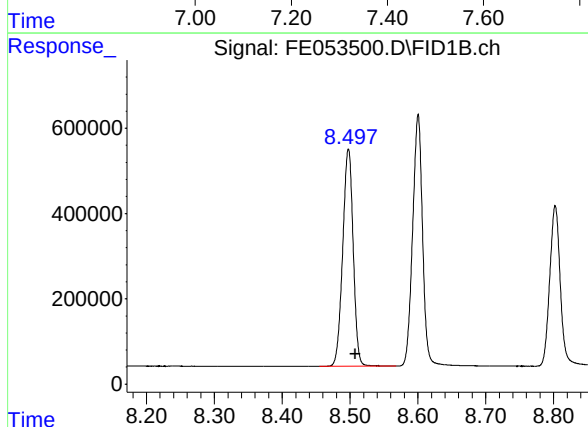
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.012 min
Response: 5499944
Conc: 36.84 ug/ml

Instrument :
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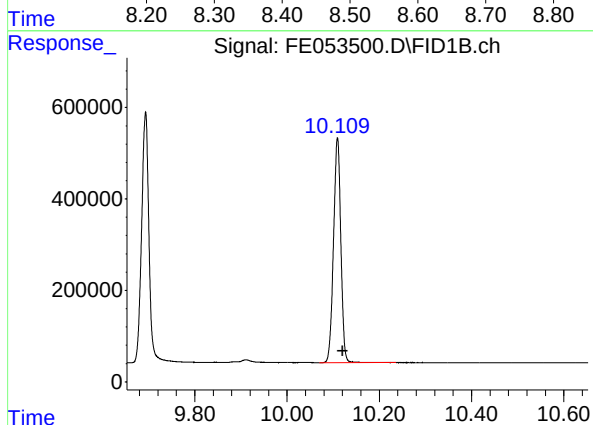
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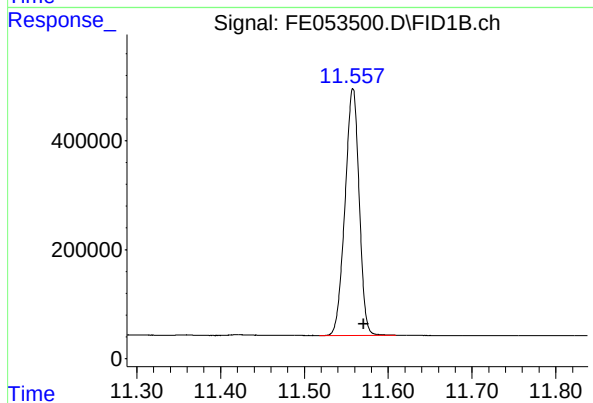
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.010 min
Response: 5464774
Conc: 38.95 ug/ml



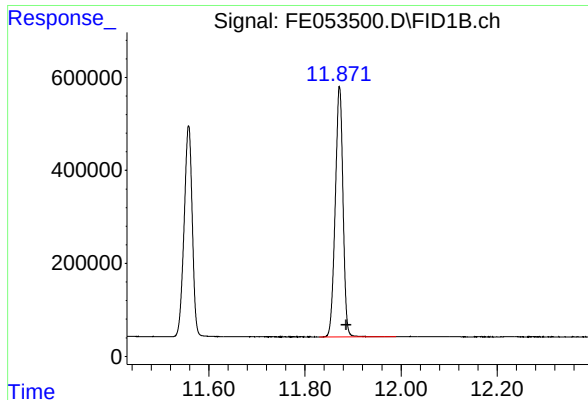
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.012 min
Response: 5402271
Conc: 37.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.014 min
Response: 5331396
Conc: 36.58 ug/ml m



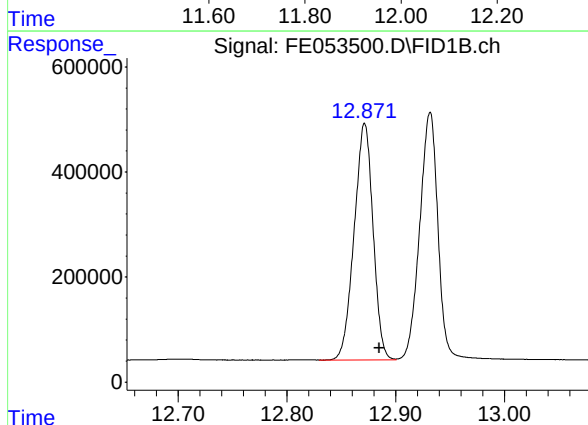
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.014 min
Response: 6027461
Conc: 33.42 ug/ml

Instrument :
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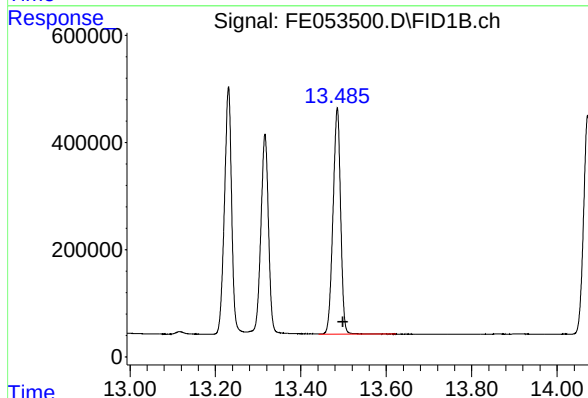
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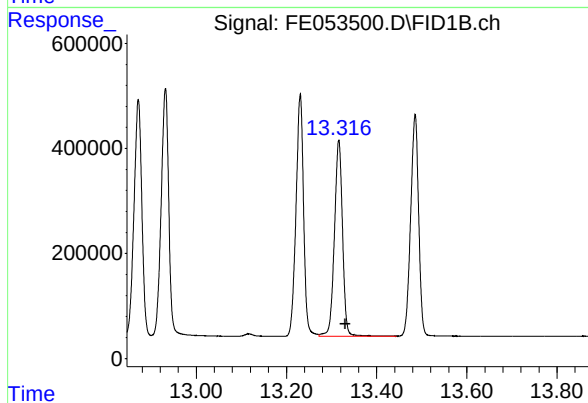
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.014 min
Response: 5439380
Conc: 37.38 ug/ml



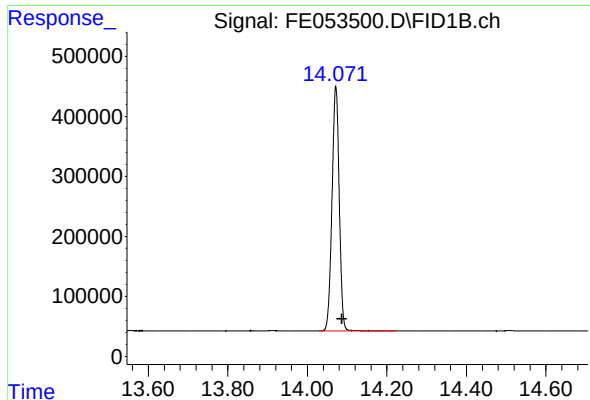
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.015 min
Response: 5205081
Conc: 35.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.015 min
Response: 4681980
Conc: 34.64 ug/ml



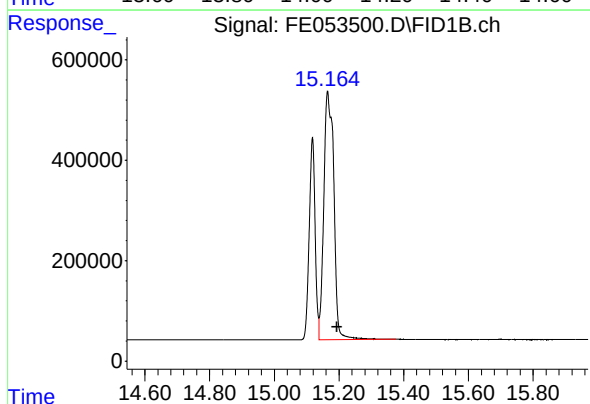
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.016 min
Response: 5139092
Conc: 35.61 ug/ml

Instrument :
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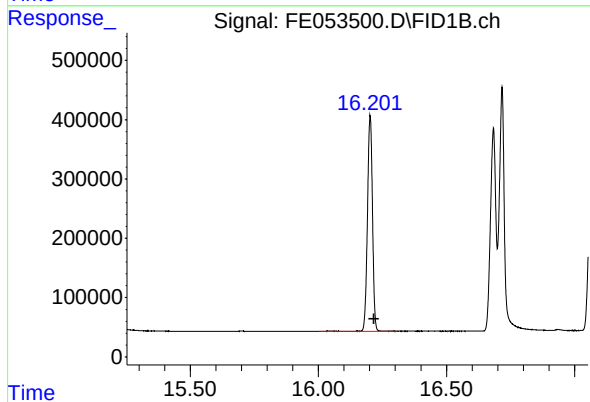
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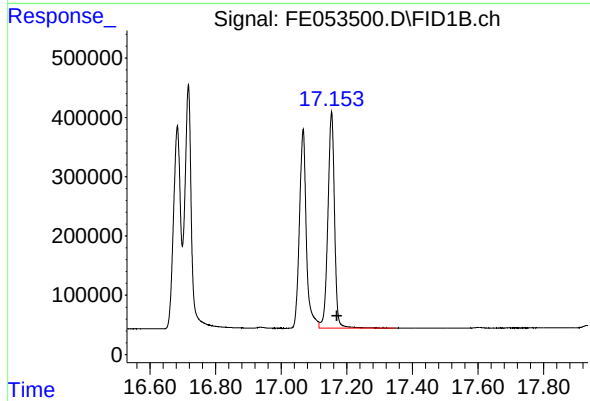
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.026 min
Response: 10611030
Conc: 73.87 ug/ml



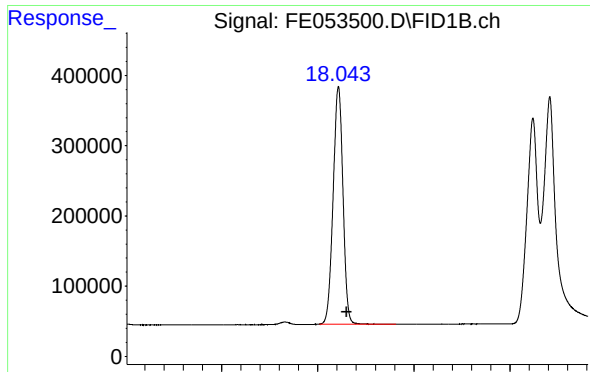
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.016 min
Response: 4942189
Conc: 34.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: -0.017 min
Response: 5140227
Conc: 36.95 ug/ml



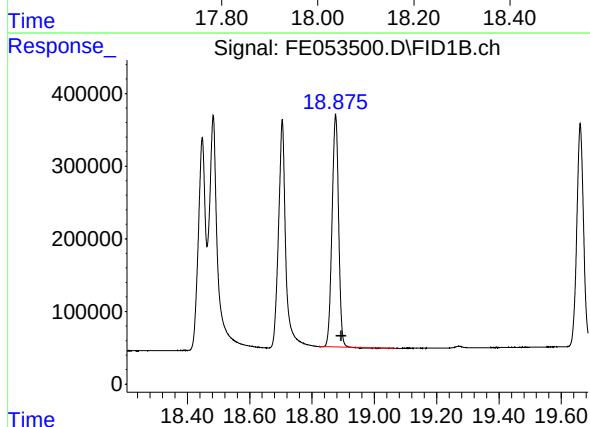
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.017 min
Response: 4806083
Conc: 34.53 ug/ml

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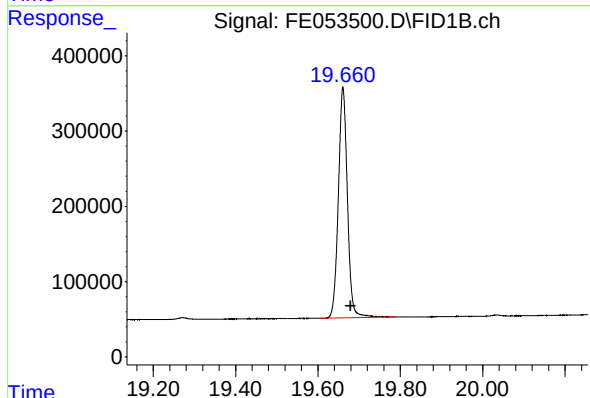
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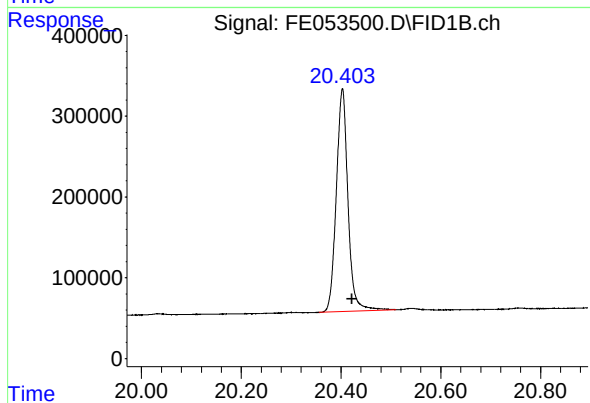
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.018 min
Response: 4646937
Conc: 33.84 ug/ml



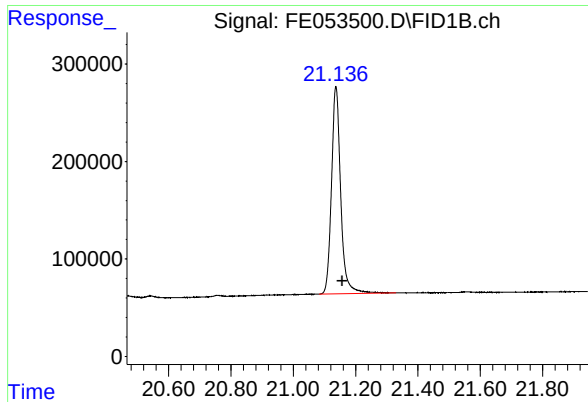
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.019 min
Response: 4682766
Conc: 35.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: -0.020 min
Response: 4473700
Conc: 35.44 ug/ml



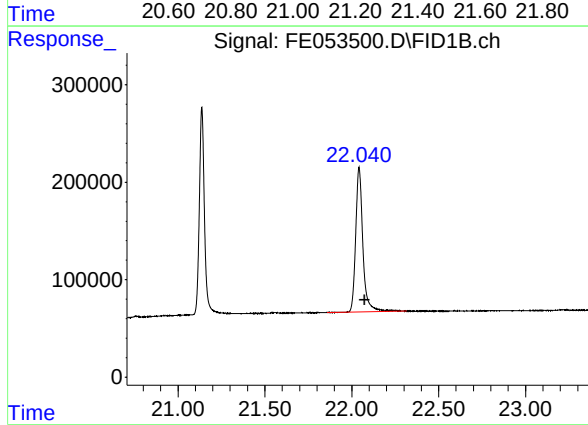
#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.021 min
Response: 4359859
Conc: 35.79 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.031 min
Response: 4269522
Conc: 35.75 ug/ml