

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053586.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 14:42
 Operator : YP\AJ
 Sample : PB167797BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167797BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: May 01 01:47:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.868	6256793	34.690 ug/ml
Spiked Amount 50.000		Recovery =	69.38%
12) S 1-chlorooctadecane (S...	13.313	4922311	36.414 ug/ml
Spiked Amount 50.000		Recovery =	72.83%
Target Compounds			
1) T n-Nonane (C9)	3.223	4765877	34.761 ug/ml
2) T n-Decane (C10)	4.480	4946867	35.760 ug/ml
3) T A~Naphthalene (C11.7)	6.189	5811569	38.501 ug/ml
4) T n-Dodecane (C12)	6.657	5176392	36.909 ug/ml
5) T A~2-methylnaphthalene...	7.290	5380993	36.041 ug/ml
6) T n-Tetradecane (C14)	8.494	5551707	39.573 ug/ml
7) T n-Hexadecane (C16)	10.106	5834728	40.710 ug/ml
8) T n-Octadecane (C18)	11.554	5922405	40.638 ug/ml
10) T n-Eicosane (C20)	12.868	6037125	41.489 ug/ml
11) T n-Heneicosane (C21)	13.481	5747641	39.681 ug/ml
13) T n-Docosane (C22)	14.069	5698329	39.489 ug/ml
14) T n-Tetracosane (C24)	15.165	11724833	81.626 ug/ml
15) T n-Hexacosane (C26)	16.199	5490623	38.768 ug/ml
16) T n-Octacosane (C28)	17.150	5705227	41.008 ug/ml
17) T n-Tricontane (C30)	18.041	5336766	38.340 ug/ml
18) T n-Dotriacontane (C32)	18.873	5071097	36.932 ug/ml
19) T n-Tetratriacontane (C34)	19.659	4643364	35.638 ug/ml
20) T n-Hexatriacontane (C36)	20.401	3805659	30.145 ug/ml
21) T n-Octatriacontane (C38)	21.134	3264649	26.797 ug/ml
22) T n-Tetracontane (C40)	22.038	2818939	23.605 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167797BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

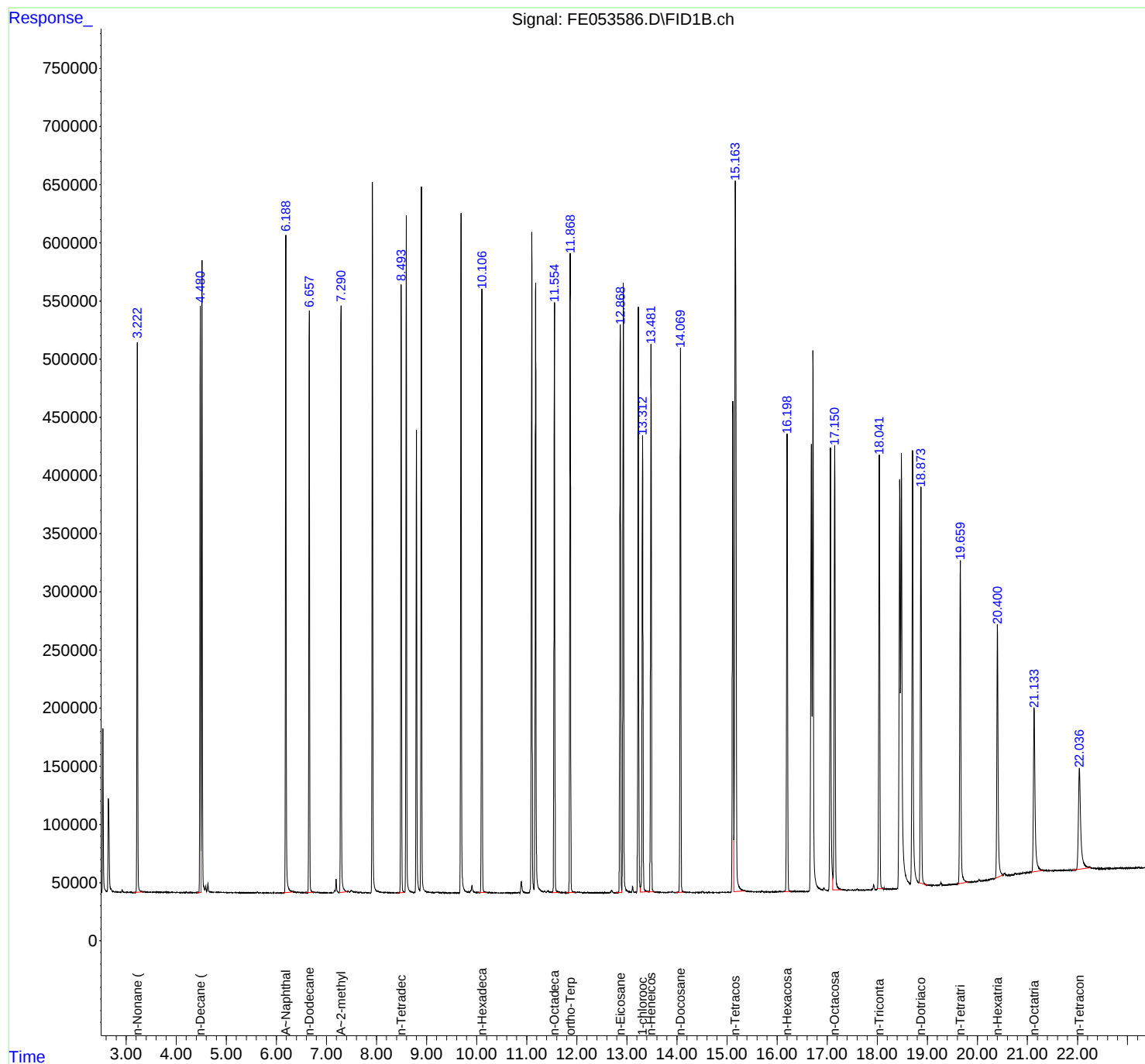
Instrument :
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PB167797BSD

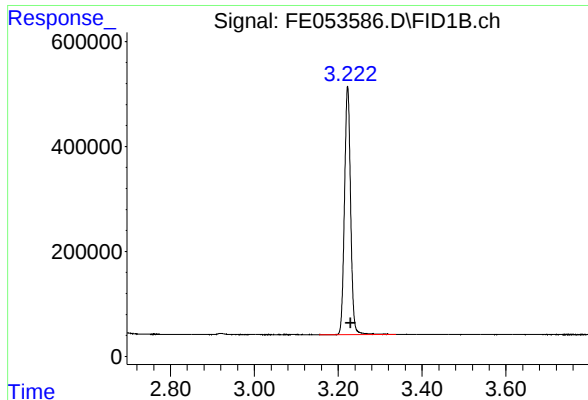
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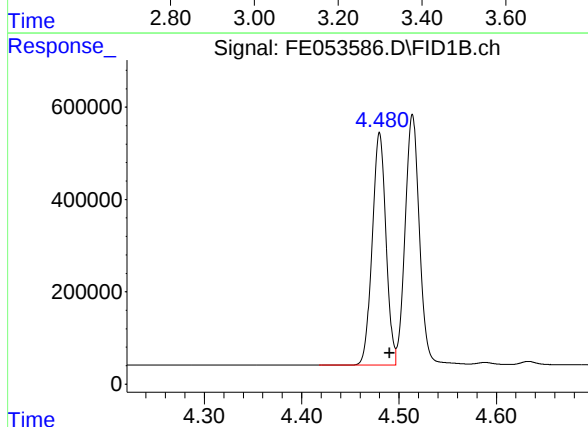
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: -0.007 min
Response: 4765877
Conc: 34.76 ug/ml

Instrument :
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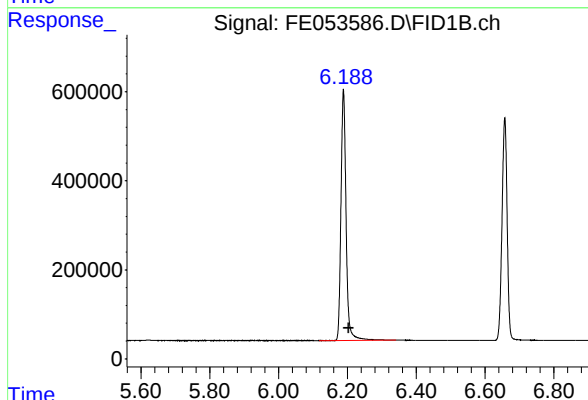
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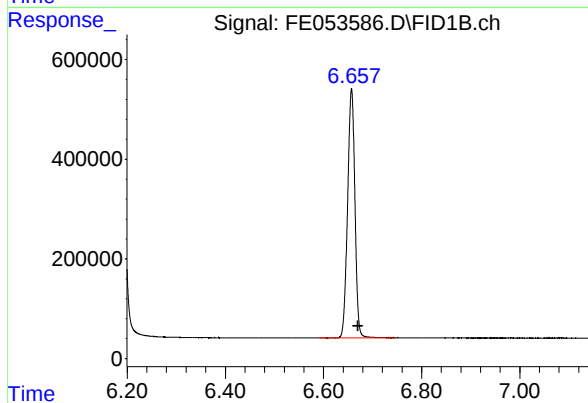
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.011 min
Response: 4946867
Conc: 35.76 ug/ml



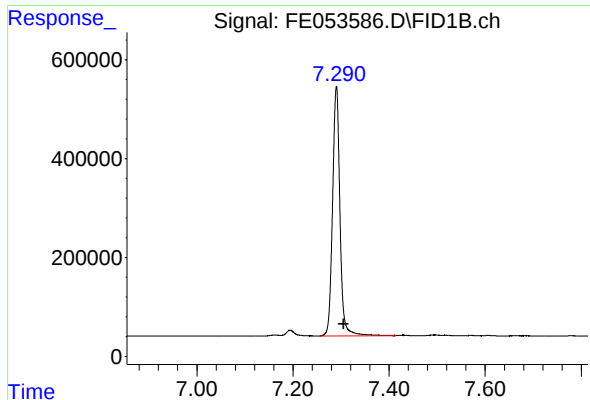
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.015 min
Response: 5811569
Conc: 38.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.014 min
Response: 5176392
Conc: 36.91 ug/ml



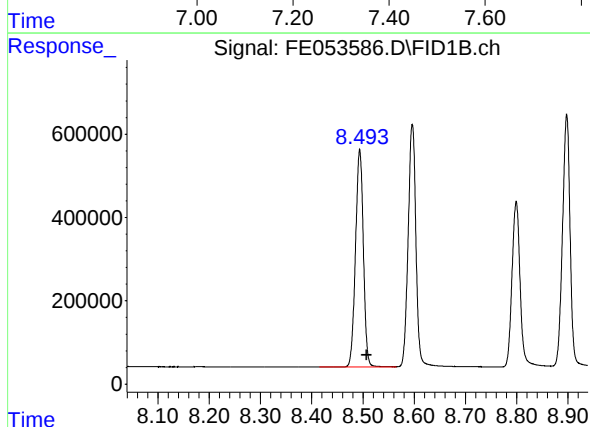
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: -0.015 min
Response: 5380993
Conc: 36.04 ug/ml

Instrument :
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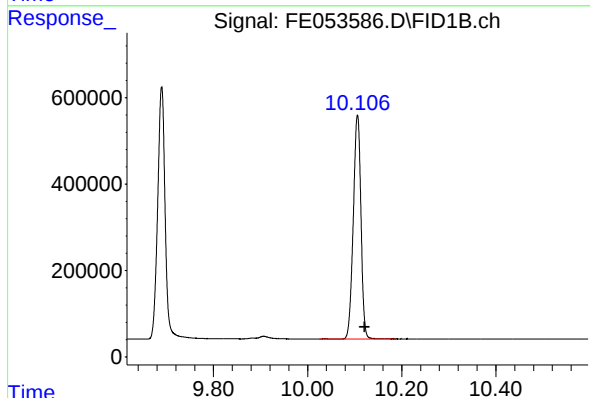
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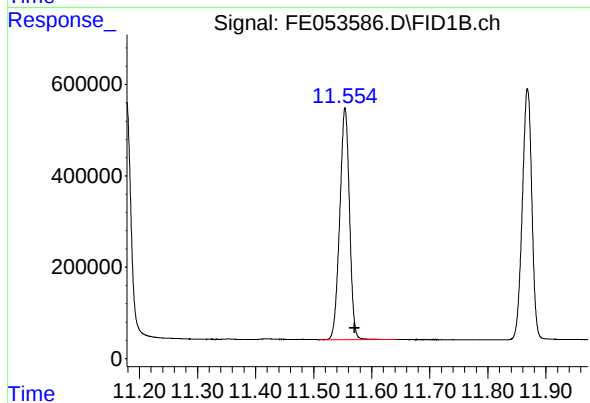
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.014 min
Response: 5551707
Conc: 39.57 ug/ml



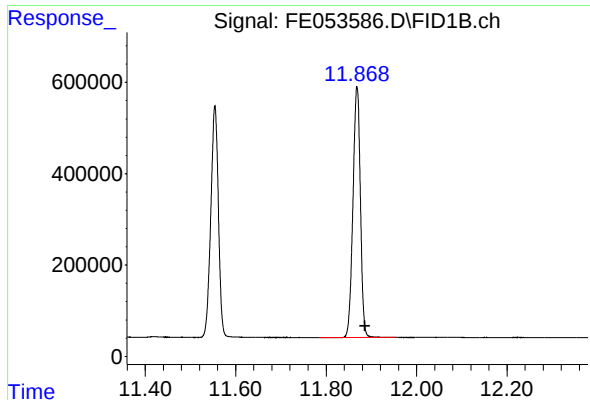
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.015 min
Response: 5834728
Conc: 40.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: -0.017 min
Response: 5922405
Conc: 40.64 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 6256793
Conc: 34.69 ug/ml

Instrument :

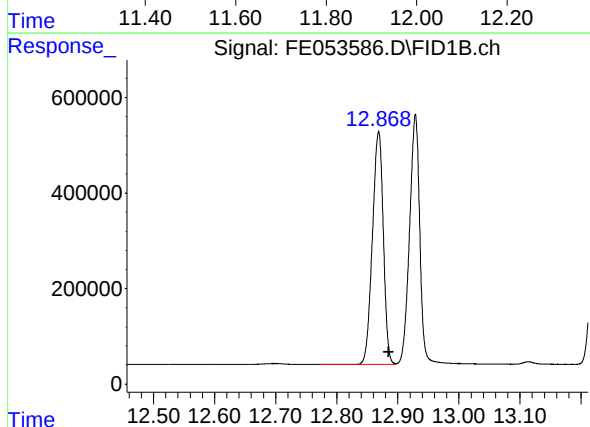
FID_E

ClientSampleId :

PB167797BSD

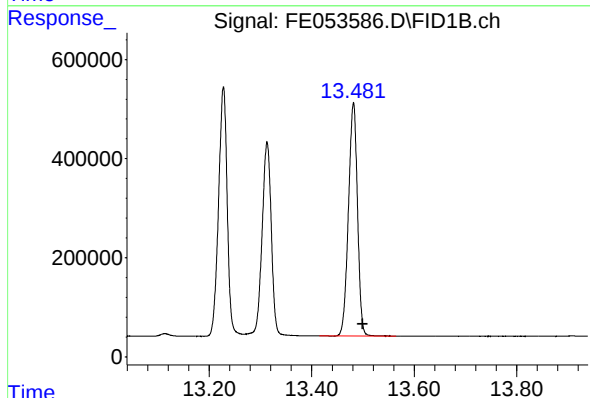
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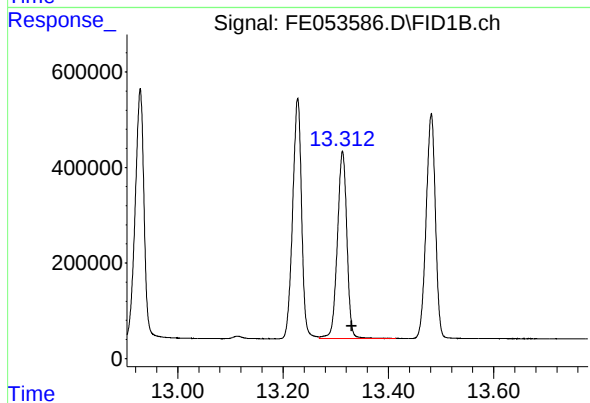
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.016 min
Response: 6037125
Conc: 41.49 ug/ml



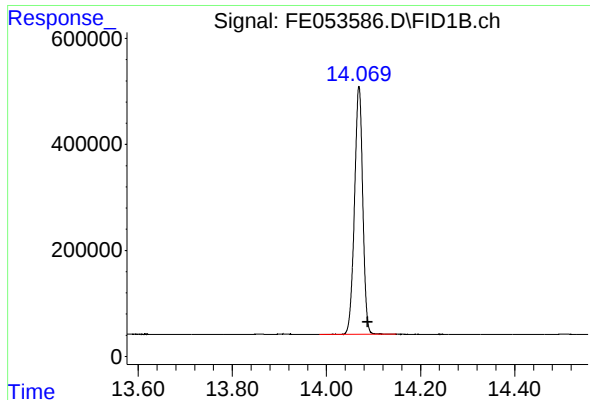
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.018 min
Response: 5747641
Conc: 39.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.017 min
Response: 4922311
Conc: 36.41 ug/ml



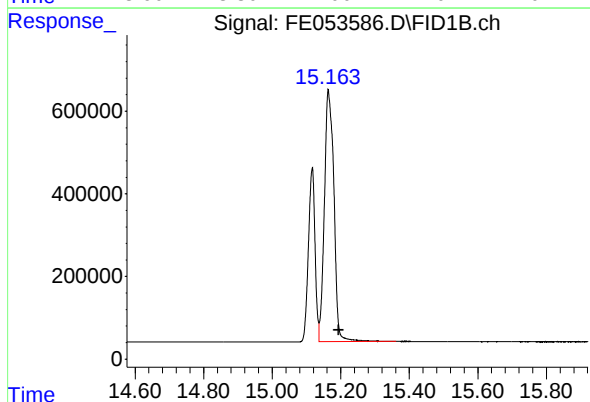
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.018 min
Response: 5698329
Conc: 39.49 ug/ml

Instrument :
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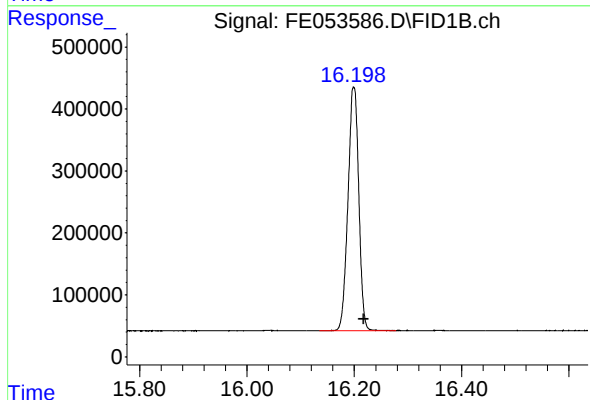
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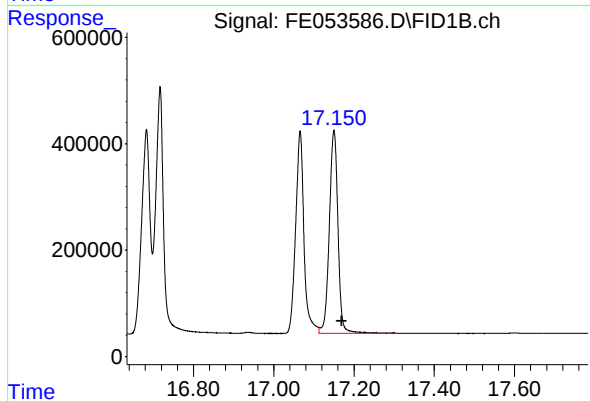
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.029 min
Response: 11724833
Conc: 81.63 ug/ml



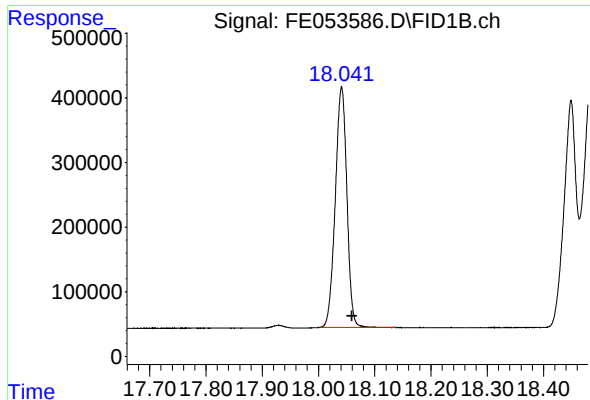
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.018 min
Response: 5490623
Conc: 38.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 5705227
Conc: 41.01 ug/ml



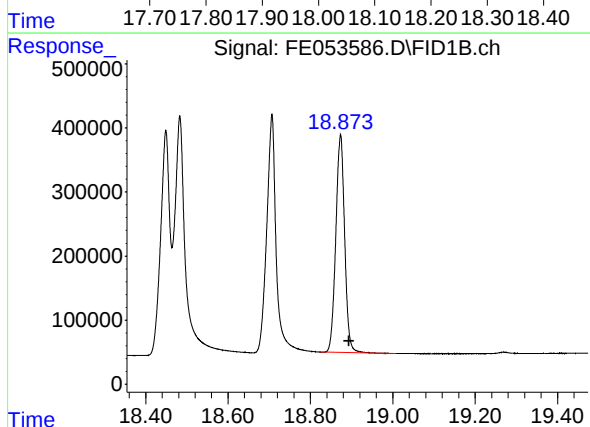
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: -0.019 min
Response: 5336766
Conc: 38.34 ug/ml

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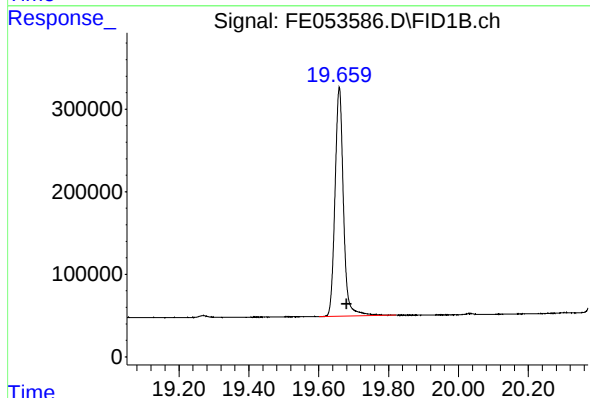
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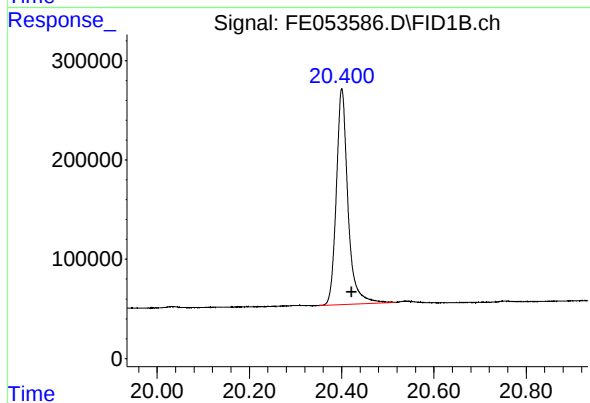
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.021 min
Response: 5071097
Conc: 36.93 ug/ml



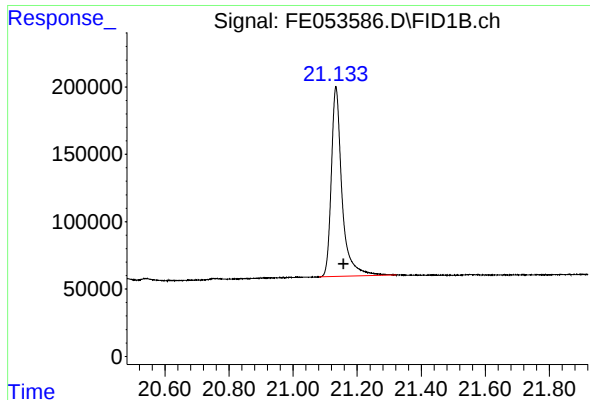
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.021 min
Response: 4643364
Conc: 35.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.401 min
Delta R.T.: -0.021 min
Response: 3805659
Conc: 30.14 ug/ml



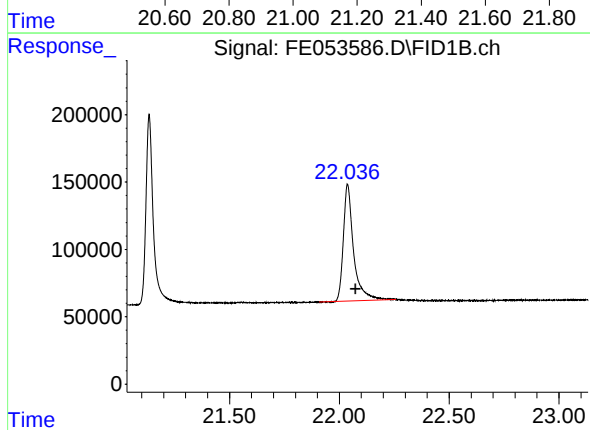
#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.024 min
Response: 3264649
Conc: 26.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.036 min
Response: 2818939
Conc: 23.61 ug/ml