

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
 Data File : FE051469.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2024 16:17
 Operator : YP\AJ
 Sample : P5000-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-745MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :Ankita Jodhani 11/27/2024

Integration File: autoint1.e
 Quant Time: Nov 27 00:37:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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	4503098	30.002 ug/ml
Spiked Amount 50.000		Recovery =	60.00%
12) S 1-chlorooctadecane (S...	13.267	3968738	34.957 ug/ml
Spiked Amount 50.000		Recovery =	69.91%
Target Compounds			
1) T n-Nonane (C9)	3.227	3719149	26.879 ug/ml
2) T n-Decane (C10)	4.475	4432707	31.622 ug/ml
3) T A~Naphthalene (C11.7)	6.186	4840165	36.710 ug/ml
4) T n-Dodecane (C12)	6.640	5128826	36.324 ug/ml
5) T A~2-methylnaphthalene...	7.282	4667852	37.315 ug/ml
6) T n-Tetradecane (C14)	8.469	5563344	39.920 ug/ml
7) T n-Hexadecane (C16)	10.073	5759658	40.587 ug/ml
8) T n-Octadecane (C18)	11.514	5966508	41.781 ug/ml
10) T n-Eicosane (C20)	12.822	6053524	44.233 ug/ml
11) T n-Heneicosane (C21)	13.433	5800082	43.399 ug/ml
13) T n-Docosane (C22)	14.018	5798937	43.617 ug/ml
14) T n-Tetracosane (C24)	15.121	10807608	81.470 ug/ml
15) T n-Hexacosane (C26)	16.140	5657771	42.263 ug/ml
16) T n-Octacosane (C28)	17.087	6512181	47.768 ug/ml
17) T n-Tricontane (C30)	17.974	5669059	39.020 ug/ml
18) T n-Dotriacontane (C32)	18.805	5923196	39.892 ug/ml
19) T n-Tetratriacontane (C34)	19.588	5445609	40.528 ug/ml
20) T n-Hexatriacontane (C36)	20.328	5320544	44.591 ug/ml
21) T n-Octatriacontane (C38)	21.049	5465302	48.019 ug/mlm
22) T n-Tetracontane (C40)	21.924	5608930	50.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P5000-01MSD
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ALS Vial : 17 Sample Multiplier: 1

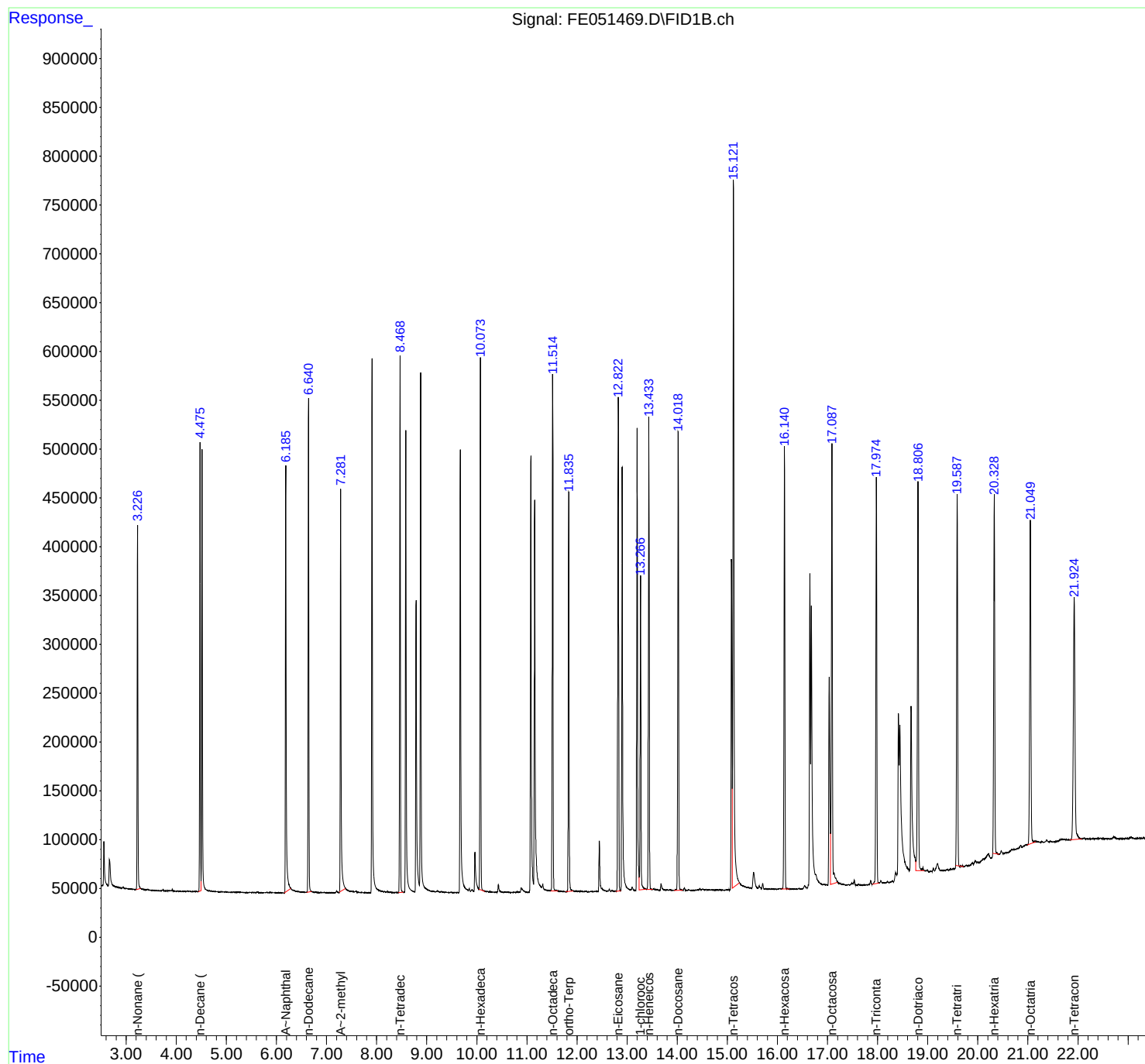
Instrument :
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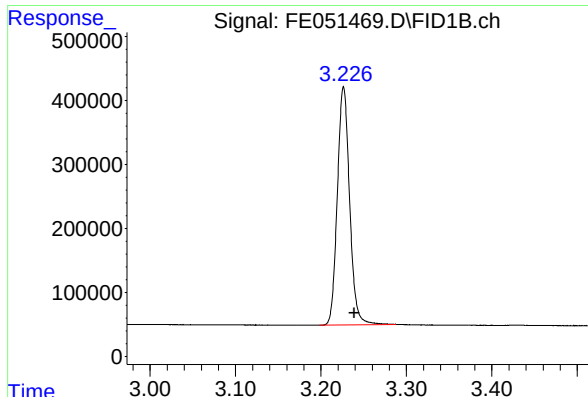
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.012 min
Response: 3719149
Conc: 26.88 ug/ml

Instrument :

FID_E

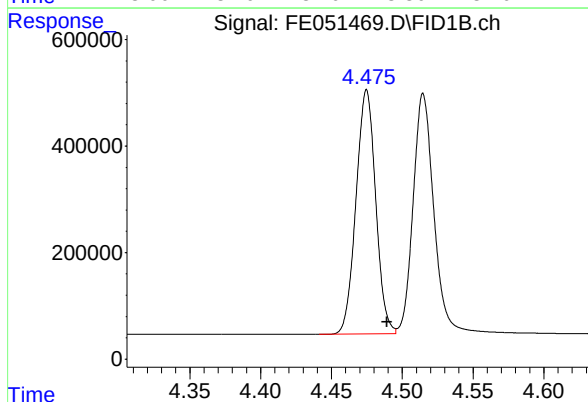
ClientSampleId :

MH-745MSD

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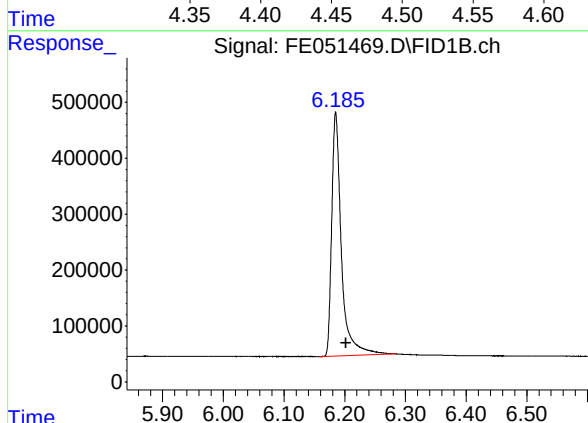
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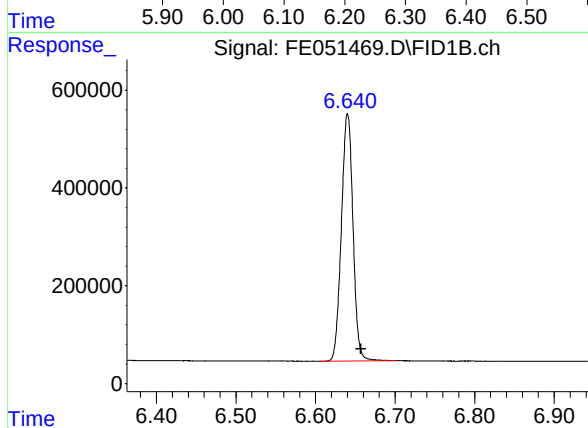
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.015 min
Response: 4432707
Conc: 31.62 ug/ml



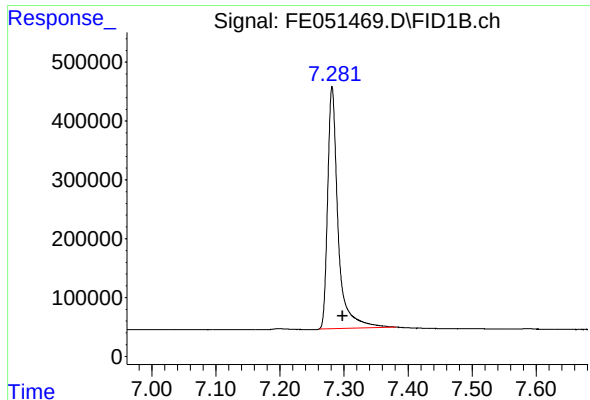
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.016 min
Response: 4840165
Conc: 36.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.017 min
Response: 5128826
Conc: 36.32 ug/ml



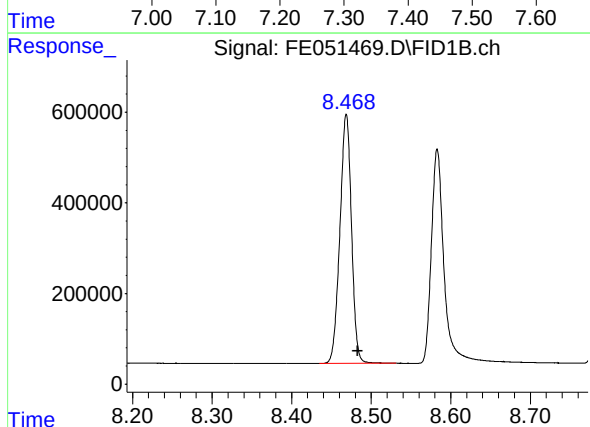
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.016 min
Response: 4667852
Conc: 37.31 ug/ml

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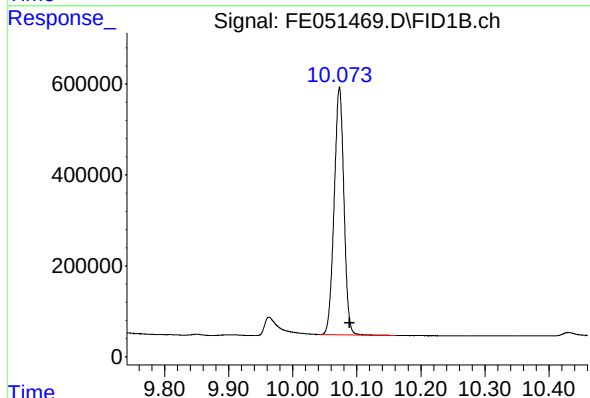
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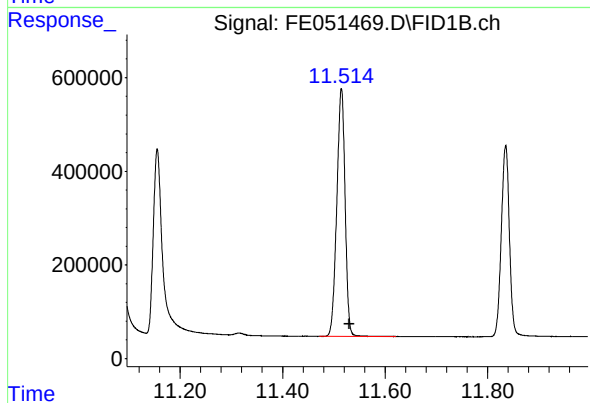
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.015 min
Response: 5563344
Conc: 39.92 ug/ml



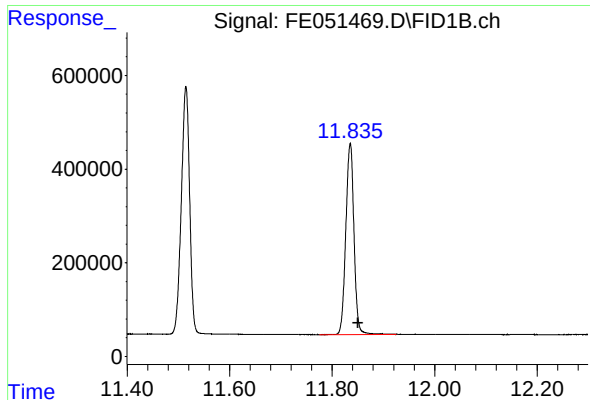
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.016 min
Response: 5759658
Conc: 40.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.016 min
Response: 5966508
Conc: 41.78 ug/ml



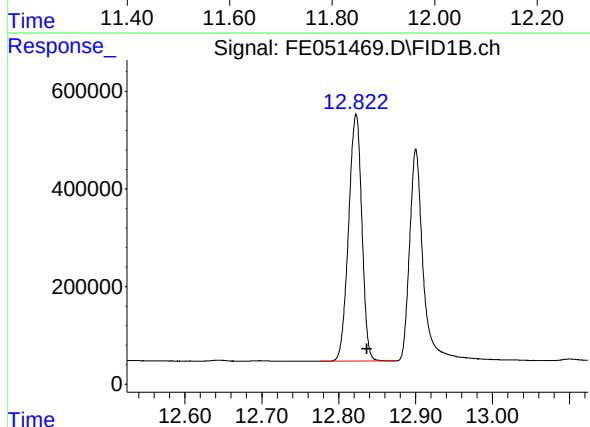
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.016 min
Response: 4503098
Conc: 30.00 ug/ml

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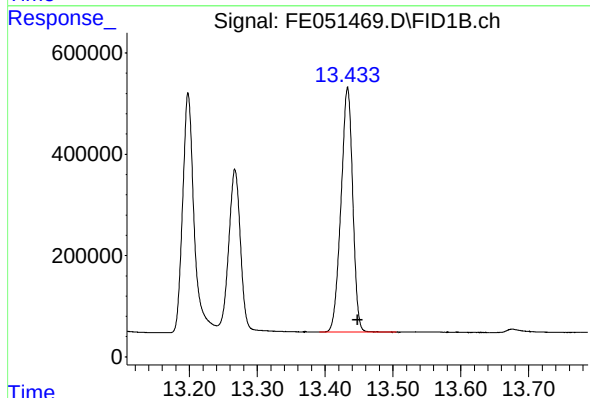
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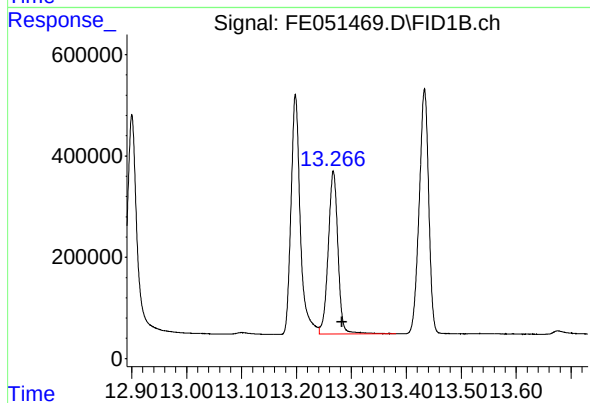
#10 n-Eicosane (C20)

R.T.: 12.822 min
Delta R.T.: -0.015 min
Response: 6053524
Conc: 44.23 ug/ml



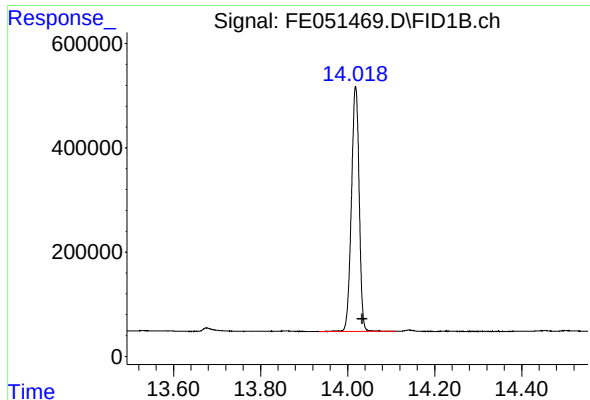
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.015 min
Response: 5800082
Conc: 43.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.016 min
Response: 3968738
Conc: 34.96 ug/ml



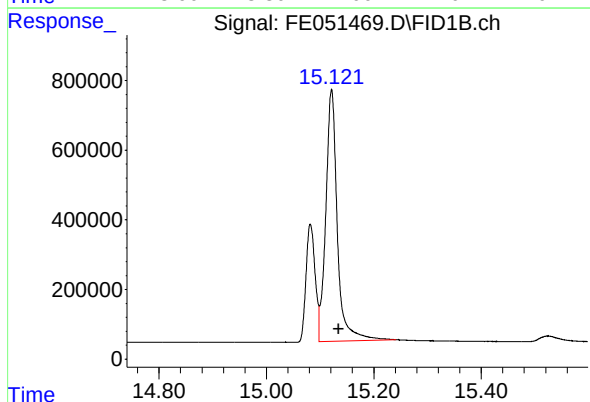
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: -0.015 min
Response: 5798937
Conc: 43.62 ug/ml

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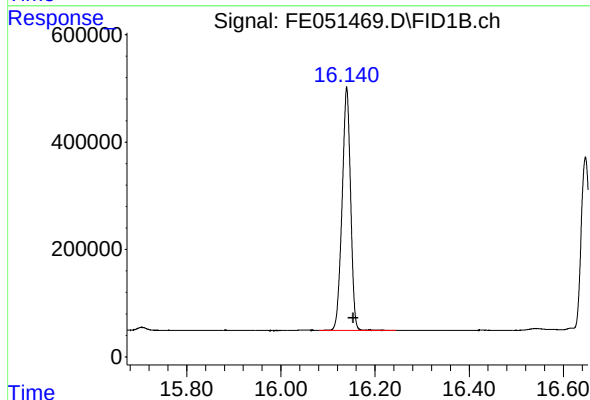
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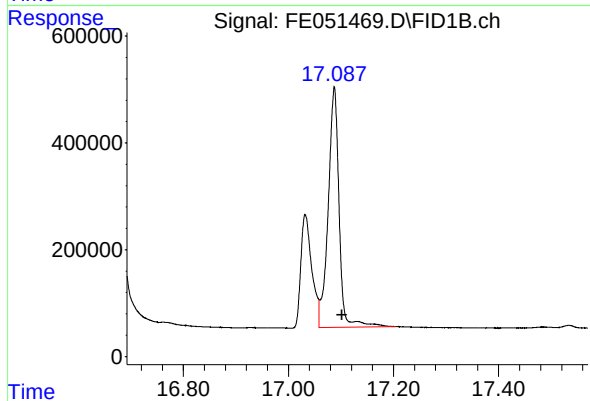
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: -0.013 min
Response: 10807608
Conc: 81.47 ug/ml



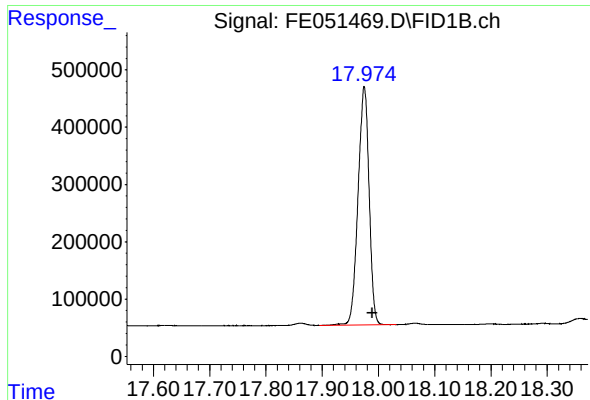
#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 5657771
Conc: 42.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.015 min
Response: 6512181
Conc: 47.77 ug/ml



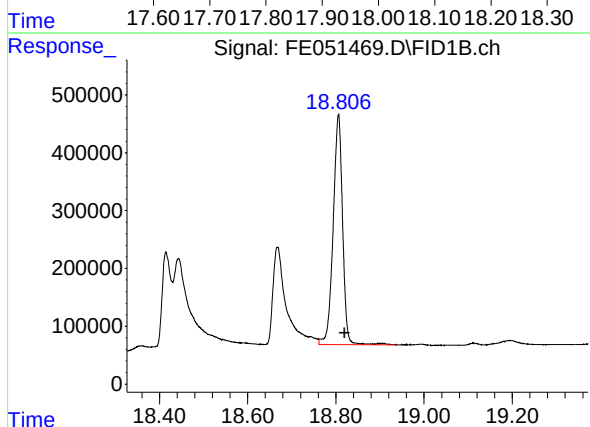
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.015 min
Response: 5669059
Conc: 39.02 ug/ml

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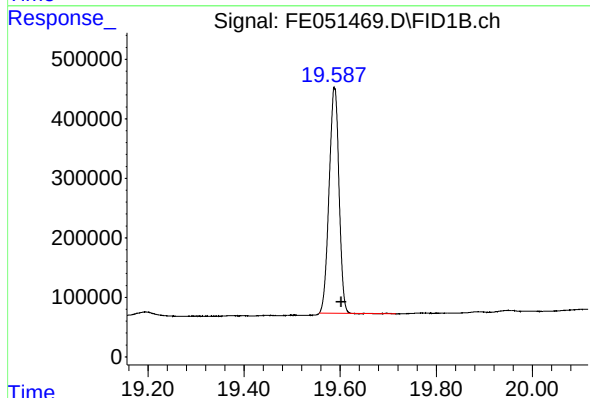
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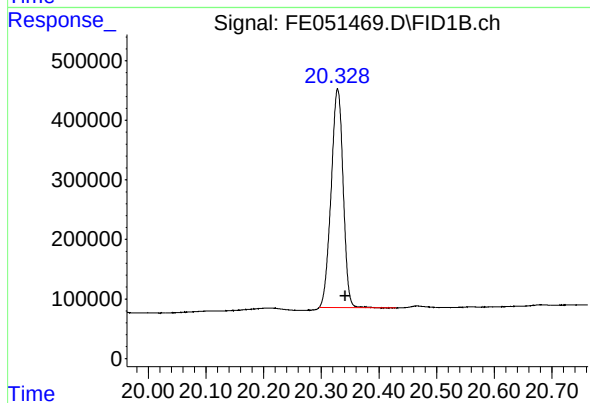
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.015 min
Response: 5923196
Conc: 39.89 ug/ml



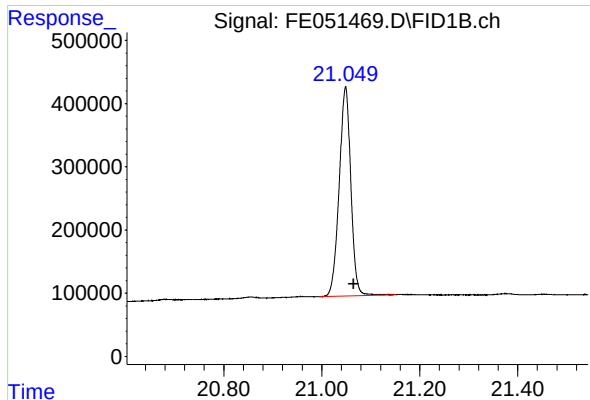
#19 n-Tetratriacontane (C34)

R.T.: 19.588 min
Delta R.T.: -0.014 min
Response: 5445609
Conc: 40.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.014 min
Response: 5320544
Conc: 44.59 ug/ml



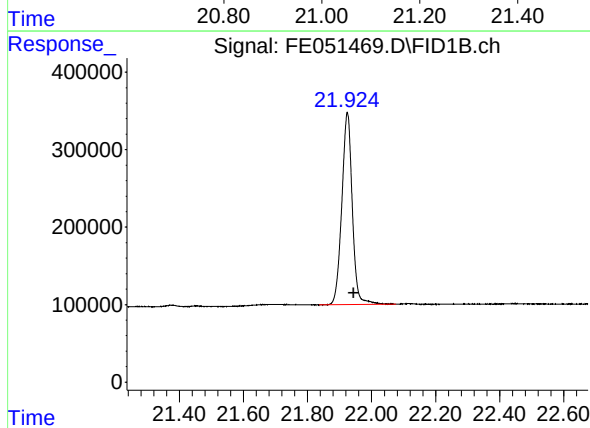
#21 n-Octatriacontane (C38)

R.T.: 21.049 min
Delta R.T.: -0.016 min
Response: 5465302
Conc: 48.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.020 min
Response: 5608930
Conc: 50.43 ug/ml