

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053730.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 02:03
 Operator : YP\AJ
 Sample : PB167906BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167906BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e
 Quant Time: May 09 07:24:34 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)	11.860	6335786	35.128 ug/ml
Spiked Amount 50.000		Recovery =	70.26%
12) S 1-chlorooctadecane (S...	13.304	5021954	37.151 ug/ml
Spiked Amount 50.000		Recovery =	74.30%
Target Compounds			
1) T n-Nonane (C9)	3.216	6046782	44.104 ug/ml
2) T n-Decane (C10)	4.474	6299079	45.535 ug/ml
3) T A~Naphthalene (C11.7)	6.182	7283321	48.251 ug/ml
4) T n-Dodecane (C12)	6.650	6486145	46.247 ug/ml
5) T A~2-methylnaphthalene...	7.283	6593885	44.164 ug/ml
6) T n-Tetradecane (C14)	8.487	6597779	47.030 ug/ml
7) T n-Hexadecane (C16)	10.098	6509775	45.420 ug/ml
8) T n-Octadecane (C18)	11.546	6457040	44.307 ug/ml
10) T n-Eicosane (C20)	12.860	6567188	45.131 ug/ml
11) T n-Heneicosane (C21)	13.473	6255728	43.189 ug/ml
13) T n-Docosane (C22)	14.060	6188846	42.888 ug/ml
14) T n-Tetracosane (C24)	15.157	12683124	88.298 ug/ml
15) T n-Hexacosane (C26)	16.191	5997122	42.344 ug/ml
16) T n-Octacosane (C28)	17.141	6196941	44.542 ug/ml
17) T n-Tricontane (C30)	18.032	5928949	42.595 ug/mlm
18) T n-Dotriacontane (C32)	18.864	5829071	42.453 ug/ml
19) T n-Tetratriacontane (C34)	19.649	5911180	45.368 ug/ml
20) T n-Hexatriacontane (C36)	20.389	5783311	45.810 ug/ml
21) T n-Octatriacontane (C38)	21.122	5794892	47.565 ug/mlm
22) T n-Tetracontane (C40)	22.023	5924226	49.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167906BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

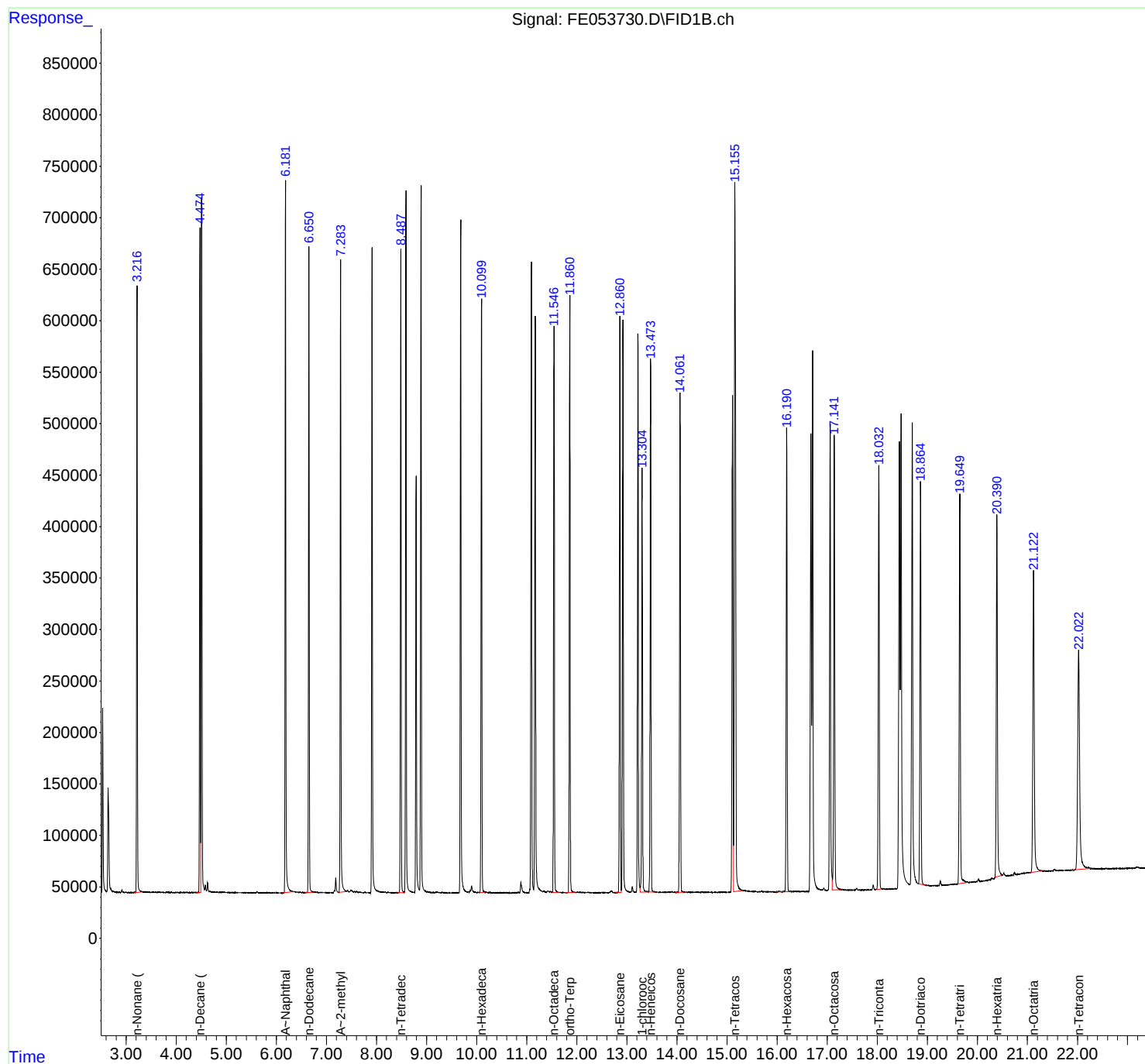
Instrument :
FID_E
ClientSampleId :
PB167906BSD

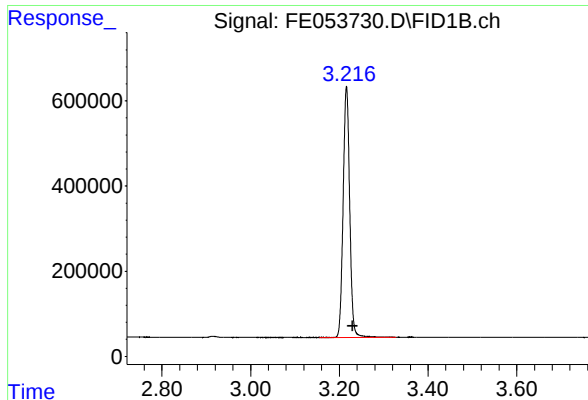
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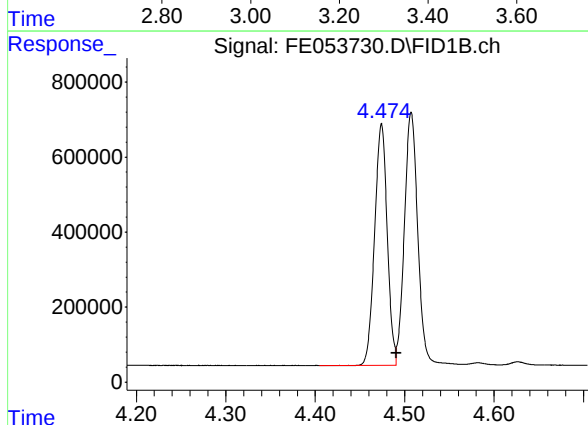
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.014 min
Response: 6046782
Conc: 44.10 ug/ml

Instrument :
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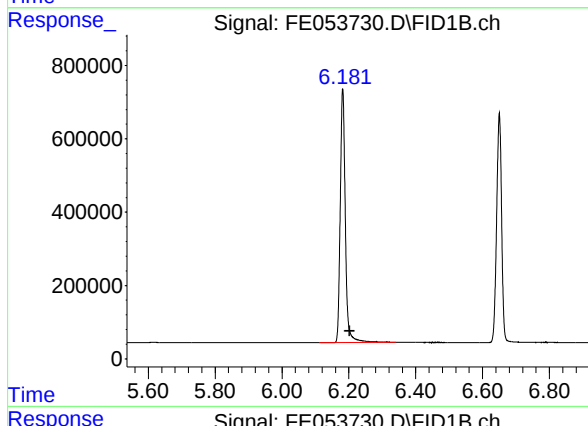
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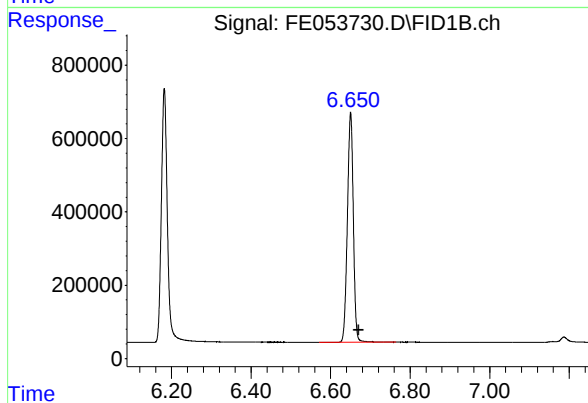
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.017 min
Response: 6299079
Conc: 45.53 ug/ml



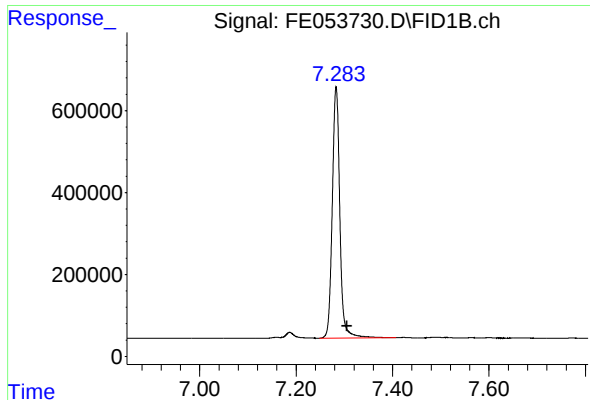
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 7283321
Conc: 48.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.020 min
Response: 6486145
Conc: 46.25 ug/ml



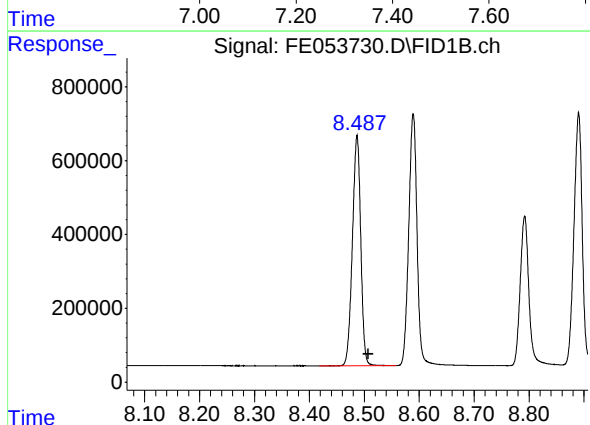
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.283 min
Delta R.T.: -0.023 min
Response: 6593885
Conc: 44.16 ug/ml

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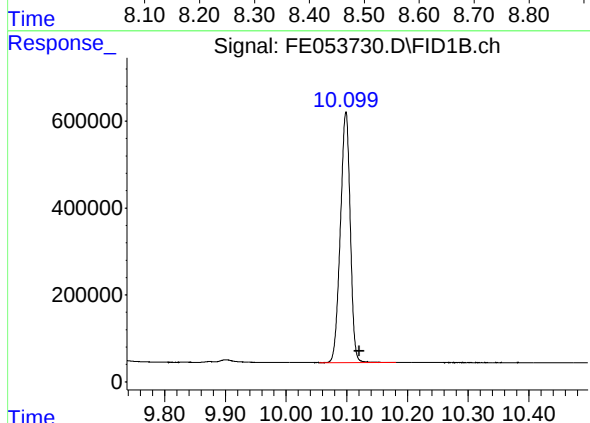
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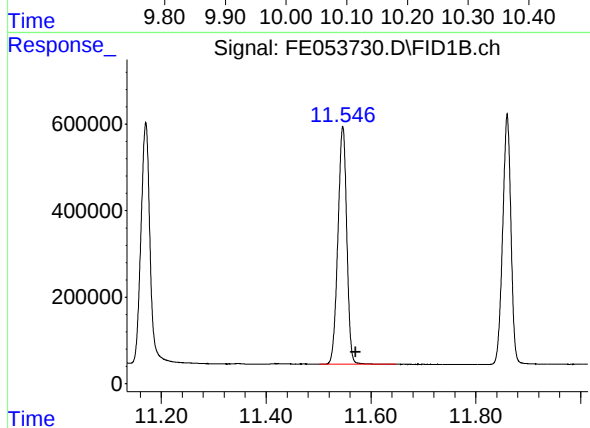
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.021 min
Response: 6597779
Conc: 47.03 ug/ml



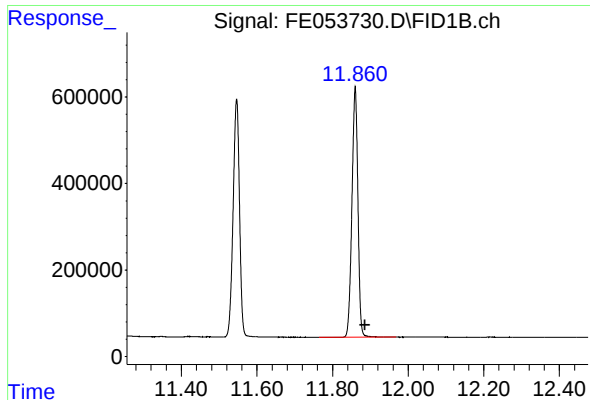
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.023 min
Response: 6509775
Conc: 45.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: -0.025 min
Response: 6457040
Conc: 44.31 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.026 min
Response: 6335786
Conc: 35.13 ug/ml

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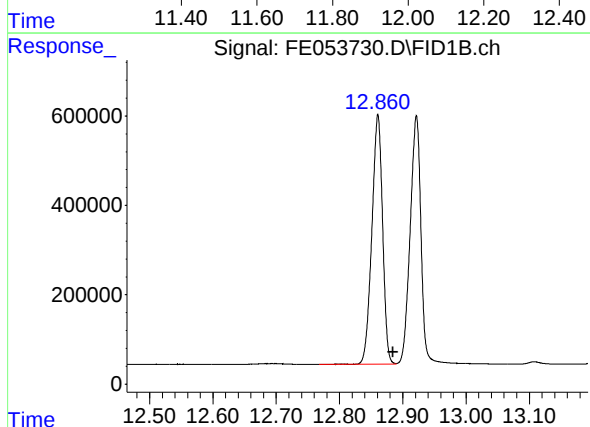
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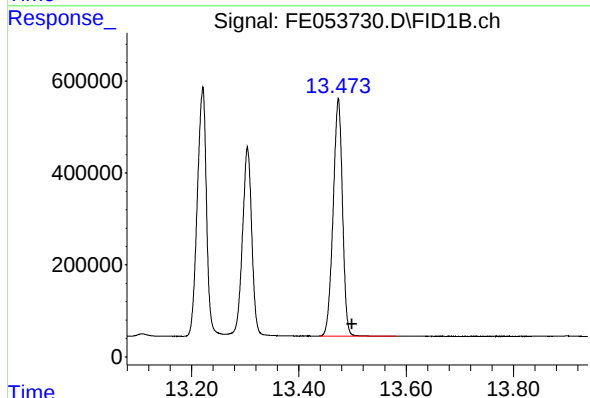
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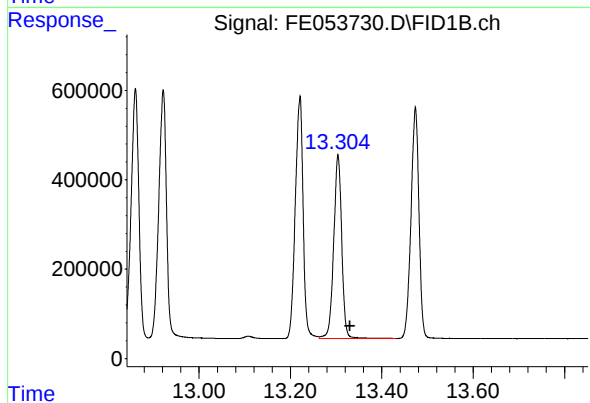
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.025 min
Response: 6567188
Conc: 45.13 ug/ml



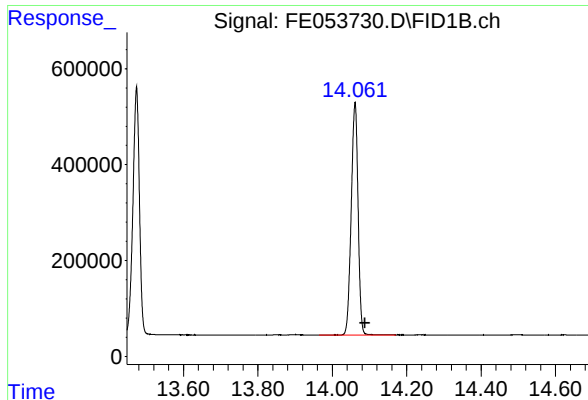
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: -0.026 min
Response: 6255728
Conc: 43.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: -0.026 min
Response: 5021954
Conc: 37.15 ug/ml



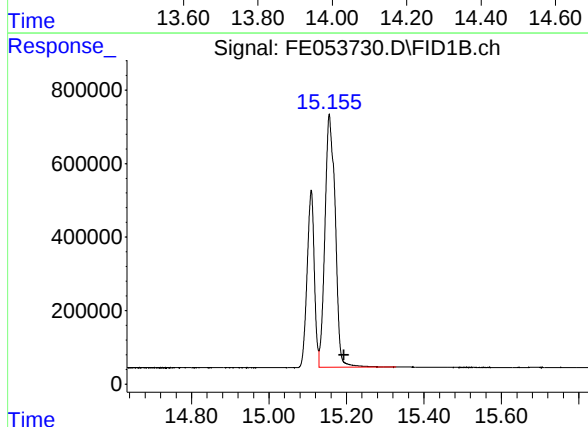
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.027 min
Response: 6188846
Conc: 42.89 ug/ml

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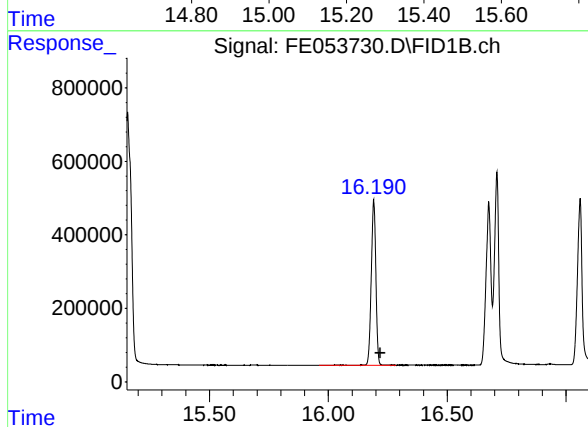
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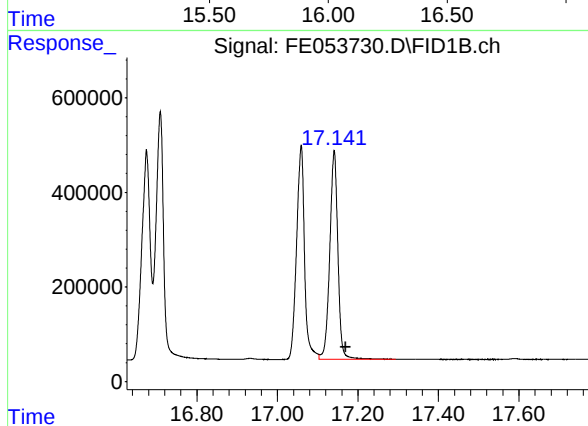
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: -0.036 min
Response: 12683124
Conc: 88.30 ug/ml



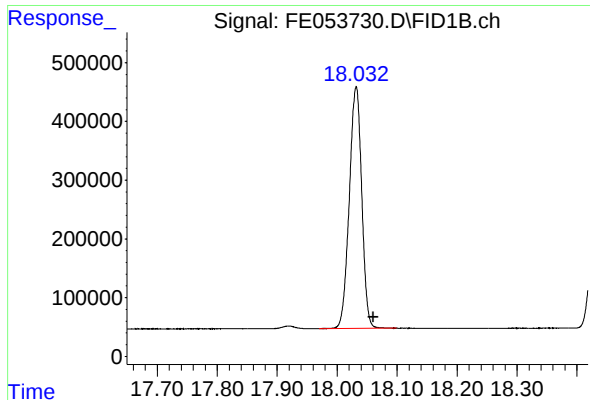
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.027 min
Response: 5997122
Conc: 42.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.029 min
Response: 6196941
Conc: 44.54 ug/ml



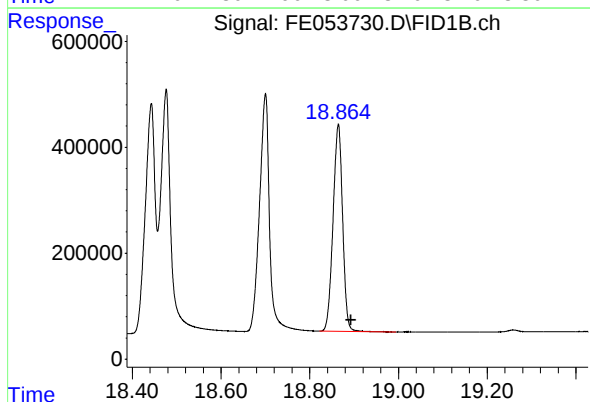
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.028 min
Response: 5928949
Conc: 42.59 ug/ml

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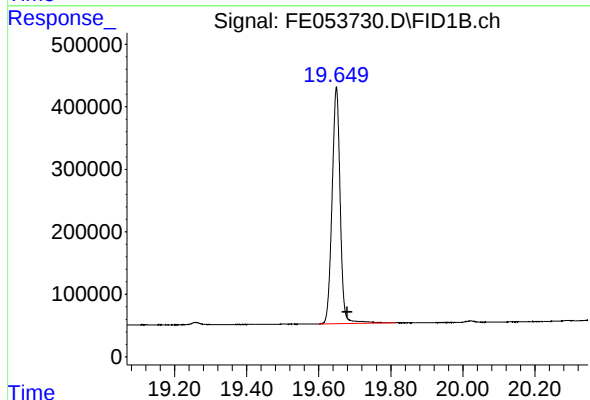
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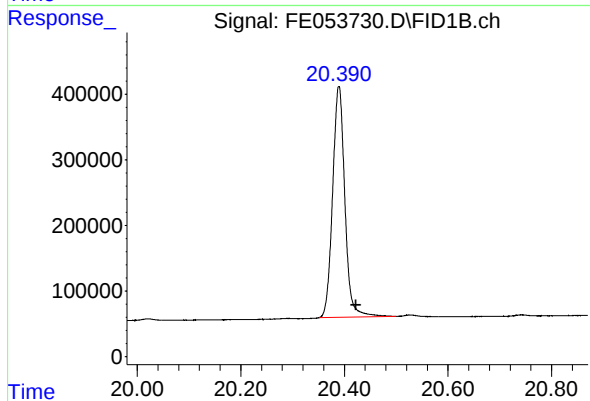
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.029 min
Response: 5829071
Conc: 42.45 ug/ml



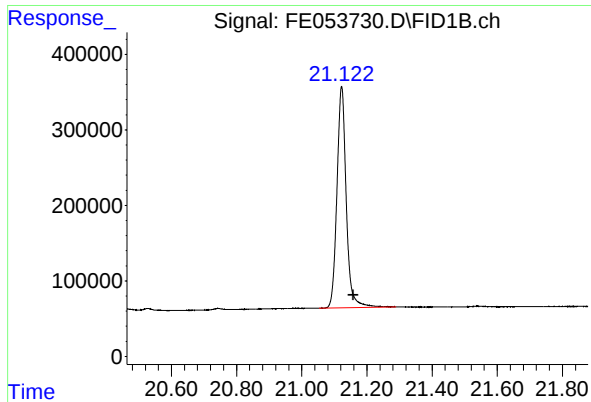
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.031 min
Response: 5911180
Conc: 45.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: -0.033 min
Response: 5783311
Conc: 45.81 ug/ml



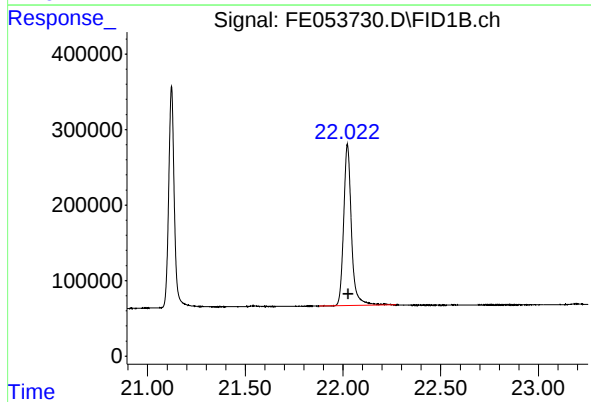
#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.036 min
Response: 5794892
Conc: 47.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.004 min
Response: 5924226
Conc: 49.61 ug/ml