

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053667.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 14:02
 Operator : YP\AJ
 Sample : PB167876BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167876BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File: sample.E
 Quant Time: May 07 03:26:33 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)	11.864	6934300	38.447 ug/ml
Spiked Amount 50.000		Recovery =	76.89%
12) S 1-chlorooctadecane (S...	13.308	5445049	40.281 ug/ml
Spiked Amount 50.000		Recovery =	80.56%
Target Compounds			
1) T n-Nonane (C9)	3.219	5879566	42.884 ug/ml
2) T n-Decane (C10)	4.477	6245889	45.150 ug/ml
3) T A~Naphthalene (C11.7)	6.186	7359300	48.755 ug/ml
4) T n-Dodecane (C12)	6.654	6513720	46.444 ug/ml
5) T A~2-methylnaphthalene...	7.287	6713199	44.963 ug/ml
6) T n-Tetradecane (C14)	8.491	6695692	47.728 ug/ml
7) T n-Hexadecane (C16)	10.102	6664365	46.499 ug/ml
8) T n-Octadecane (C18)	11.550	6673208	45.790 ug/ml
10) T n-Eicosane (C20)	12.864	6815934	46.841 ug/ml
11) T n-Heneicosane (C21)	13.477	6493901	44.833 ug/ml
13) T n-Docosane (C22)	14.065	6446343	44.672 ug/mlm
14) T n-Tetracosane (C24)	15.163	13097324	91.181 ug/ml
15) T n-Hexacosane (C26)	16.195	6205733	43.817 ug/ml
16) T n-Octacosane (C28)	17.145	6356117	45.686 ug/ml
17) T n-Tricontane (C30)	18.038	6009450	43.173 ug/mlm
18) T n-Dotriacontane (C32)	18.869	5835319	42.498 ug/ml
19) T n-Tetratriacontane (C34)	19.654	5765075	44.247 ug/ml
20) T n-Hexatriacontane (C36)	20.396	5349943	42.377 ug/ml
21) T n-Octatriacontane (C38)	21.130	5275472	43.302 ug/ml
22) T n-Tetracontane (C40)	22.032	5223361	43.739 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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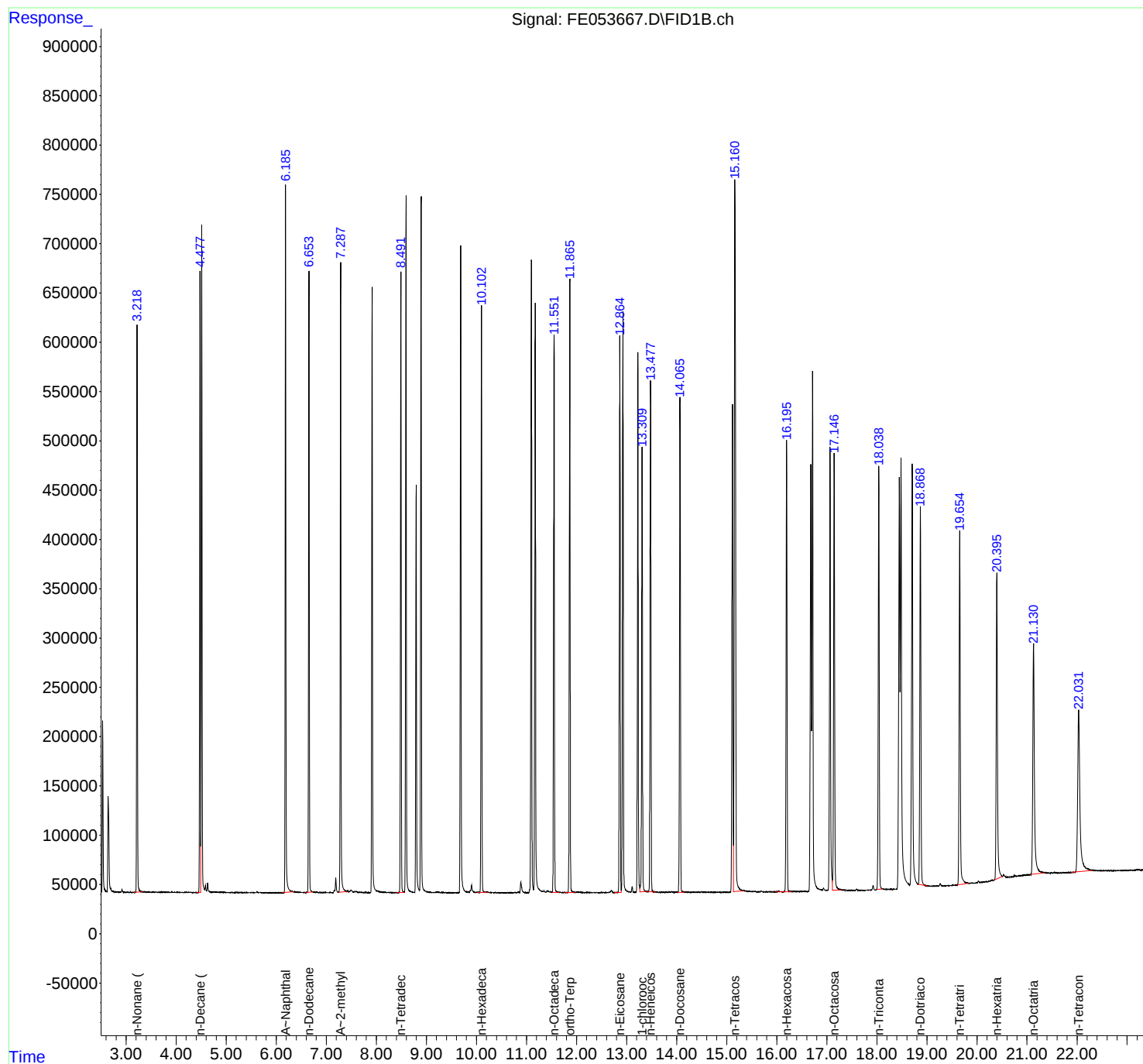
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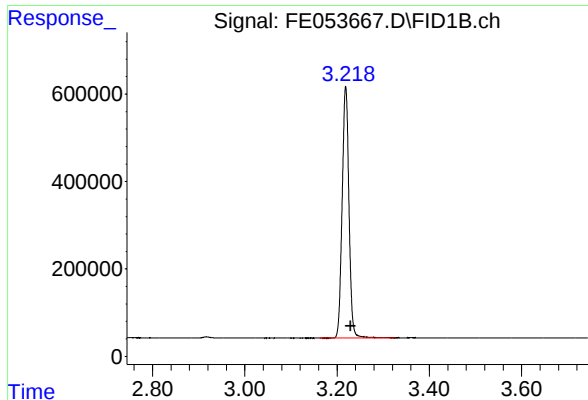
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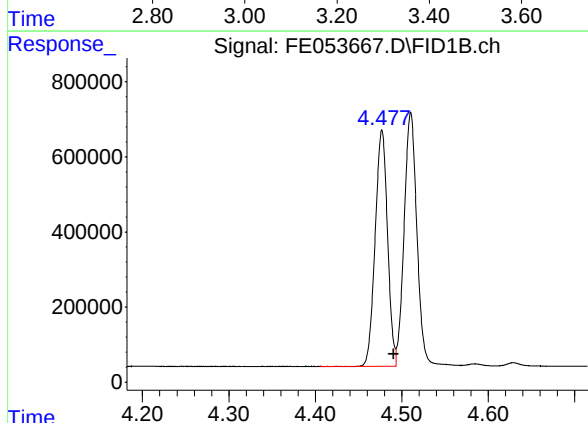
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.011 min
Response: 5879566
Conc: 42.88 ug/ml

Instrument :
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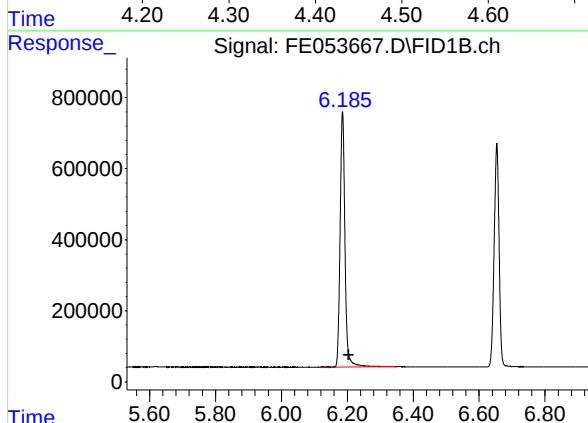
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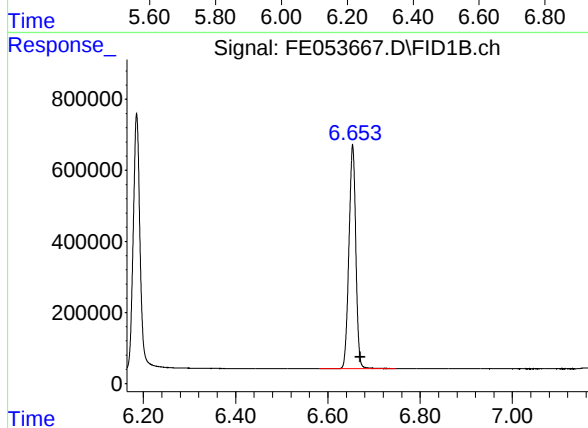
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.014 min
Response: 6245889
Conc: 45.15 ug/ml



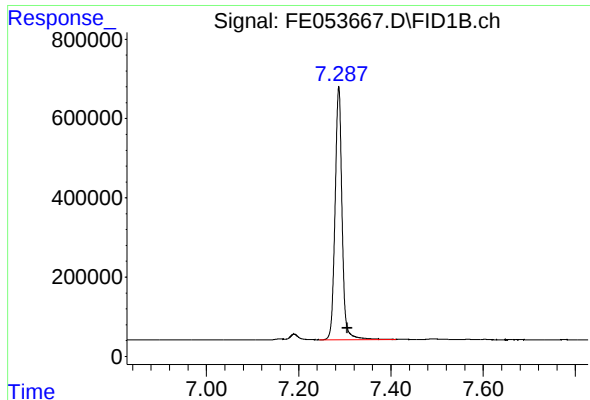
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.018 min
Response: 7359300
Conc: 48.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.654 min
Delta R.T.: -0.017 min
Response: 6513720
Conc: 46.44 ug/ml



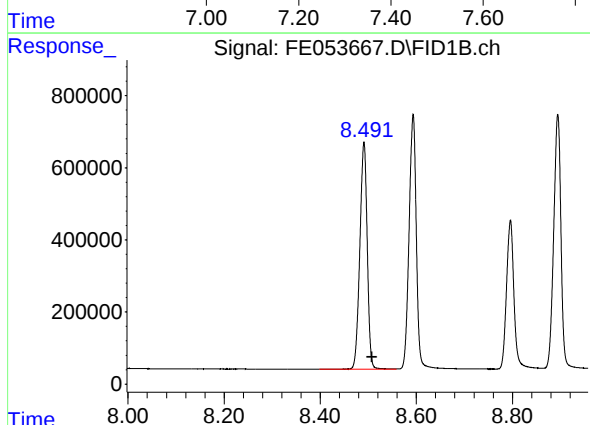
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.019 min
Response: 6713199
Conc: 44.96 ug/ml

Instrument :
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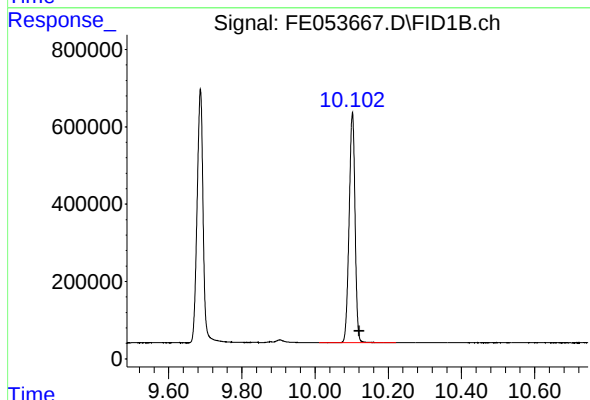
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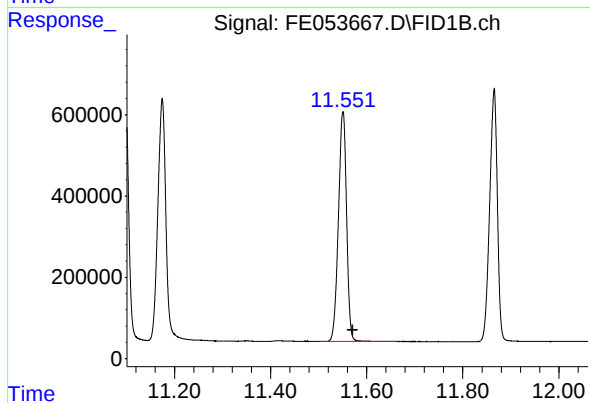
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.017 min
Response: 6695692
Conc: 47.73 ug/ml



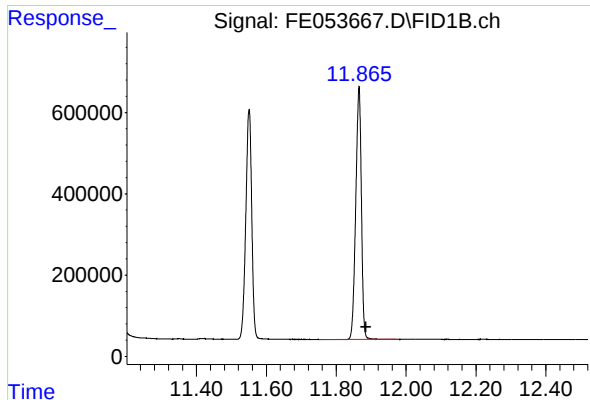
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.019 min
Response: 6664365
Conc: 46.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: -0.021 min
Response: 6673208
Conc: 45.79 ug/ml



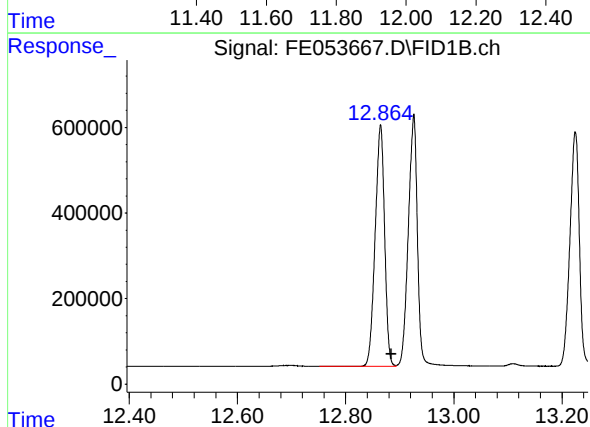
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.021 min
Response: 6934300
Conc: 38.45 ug/ml

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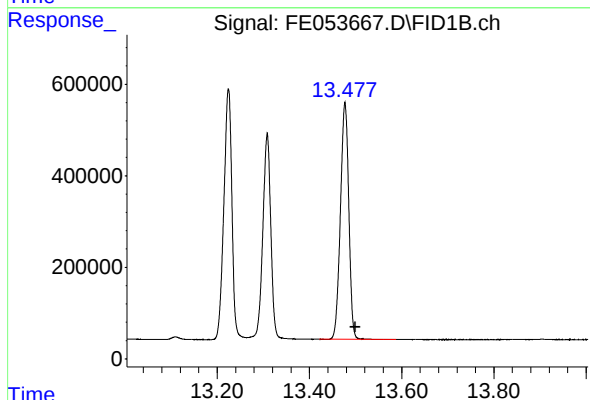
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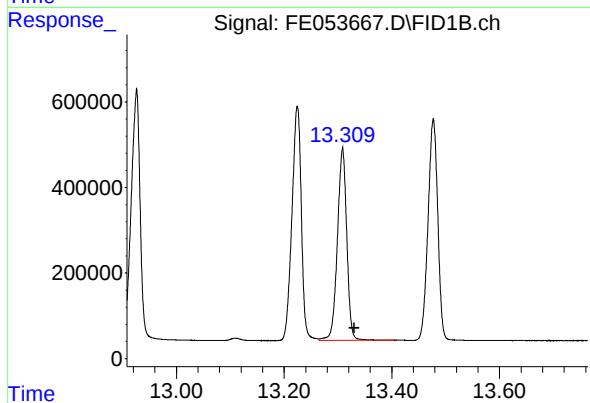
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.021 min
Response: 6815934
Conc: 46.84 ug/ml



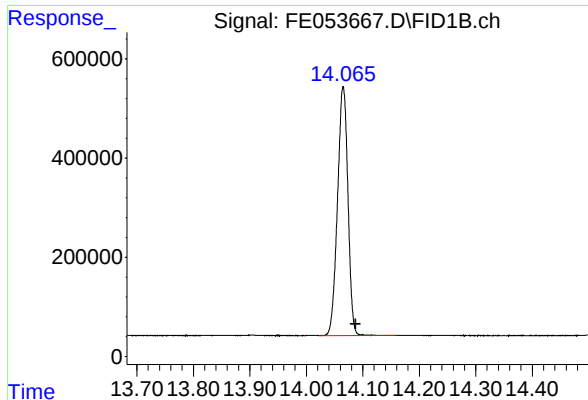
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.022 min
Response: 6493901
Conc: 44.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.022 min
Response: 5445049
Conc: 40.28 ug/ml



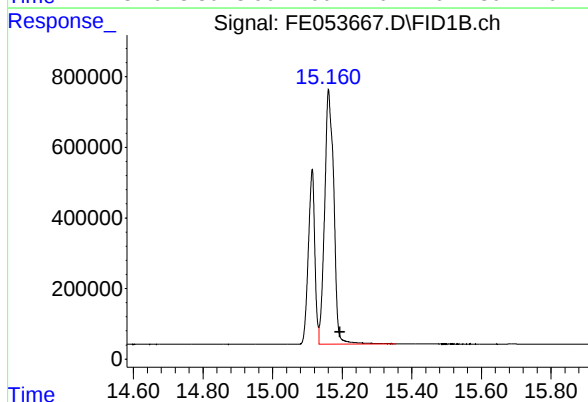
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.023 min
Response: 6446343
Conc: 44.67 ug/ml

Instrument :
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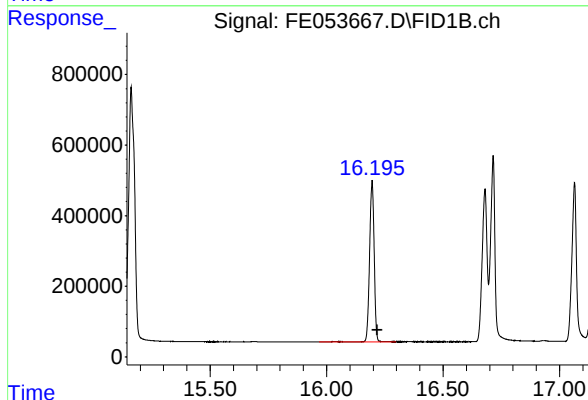
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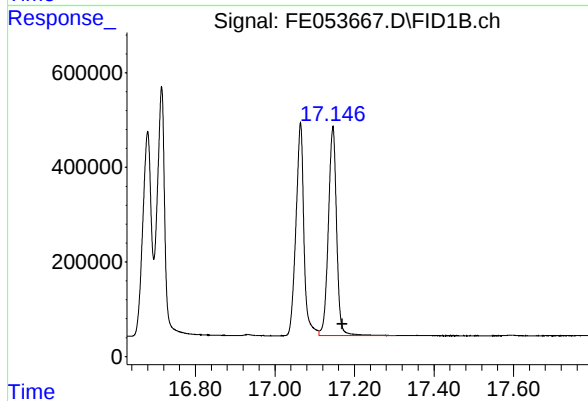
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.031 min
Response: 13097324
Conc: 91.18 ug/ml



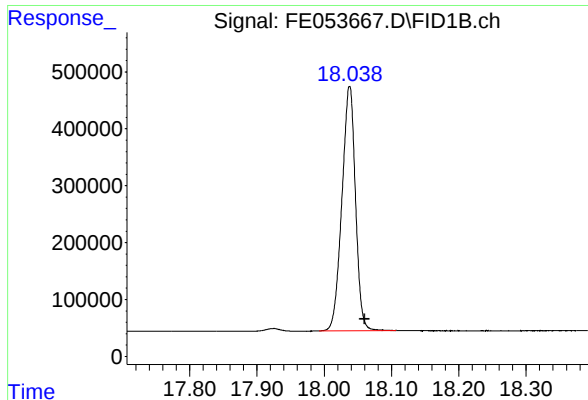
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.023 min
Response: 6205733
Conc: 43.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: -0.025 min
Response: 6356117
Conc: 45.69 ug/ml



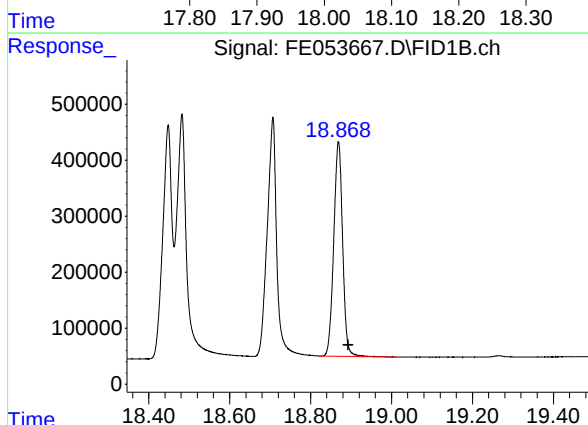
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.022 min
Response: 6009450
Conc: 43.17 ug/ml

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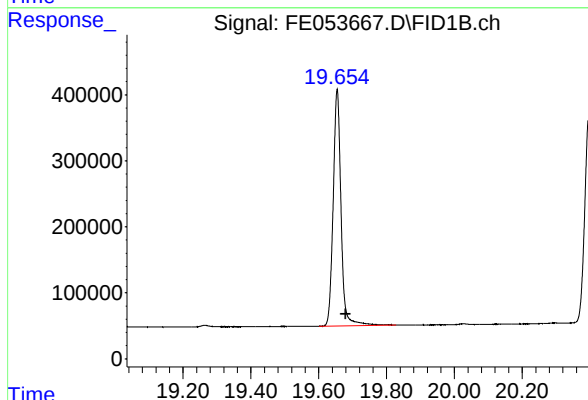
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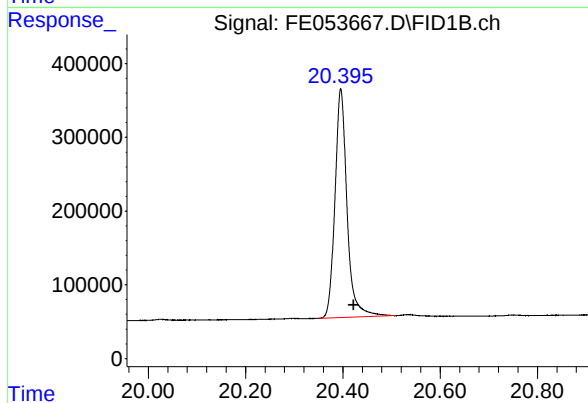
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.025 min
Response: 5835319
Conc: 42.50 ug/ml



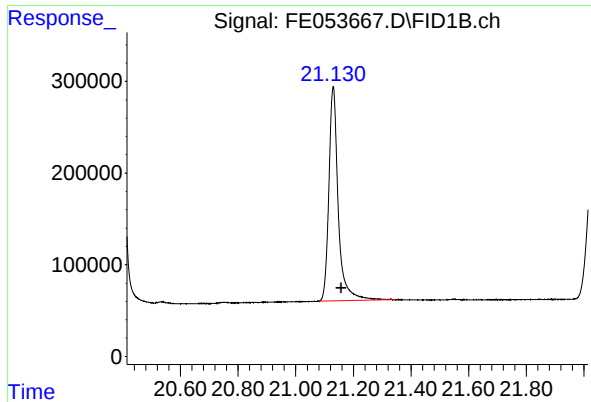
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.025 min
Response: 5765075
Conc: 44.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: -0.026 min
Response: 5349943
Conc: 42.38 ug/ml



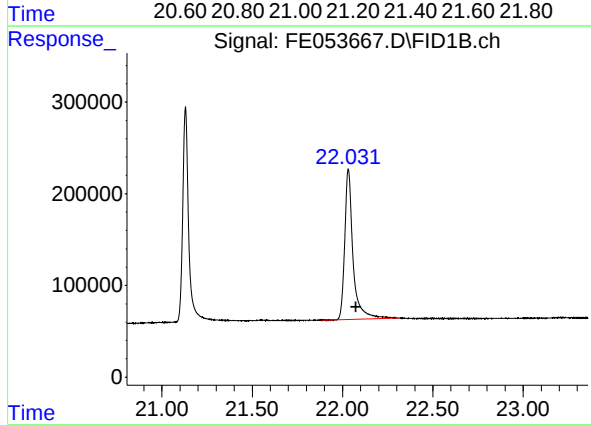
#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 5275472
Conc: 43.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.041 min
Response: 5223361
Conc: 43.74 ug/ml