

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032825AL\
 Data File : FF015748.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2025 18:56
 Operator : YP\AJ
 Sample : Q1664-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 P001-BBDGA-001-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
 Quant Time: Mar 29 01:03:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 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			
12) S 1-chlorooctadecane (S...	13.371	4673126	41.176 ug/mlm
Spiked Amount 50.000		Recovery =	82.35%
Target Compounds			
1) T n-Nonane (C9)	3.315	2902253	22.913 ug/ml
2) T n-Decane (C10)	4.569	3462815	26.965 ug/ml
4) T n-Dodecane (C12)	6.734	4070965	31.239 ug/ml
6) T n-Tetradecane (C14)	8.561	4501443	34.759 ug/ml
7) T n-Hexadecane (C16)	10.169	5075214	37.953 ug/ml
8) T n-Octadecane (C18)	11.612	5377639	39.052 ug/ml
10) T n-Eicosane (C20)	12.924	5645090	41.886 ug/ml
11) T n-Heneicosane (C21)	13.536	5398096	40.391 ug/ml
13) T n-Docosane (C22)	14.123	5418675	40.493 ug/ml
14) T n-Tetracosane (C24)	15.227	5464538	40.819 ug/ml
15) T n-Hexacosane (C26)	16.249	5257761	40.200 ug/ml
16) T n-Octacosane (C28)	17.200	5412810	41.435 ug/ml
17) T n-Tricontane (C30)	18.088	5133141	38.065 ug/ml
18) T n-Dotriacontane (C32)	18.921	4880734	37.428 ug/ml
19) T n-Tetratriacontane (C34)	19.706	4830748	41.383 ug/ml
20) T n-Hexatriacontane (C36)	20.446	4568812	46.025 ug/ml
21) T n-Octatriacontane (C38)	21.184	4390564	50.251 ug/ml
22) T n-Tetracontane (C40)	22.097	3986311	49.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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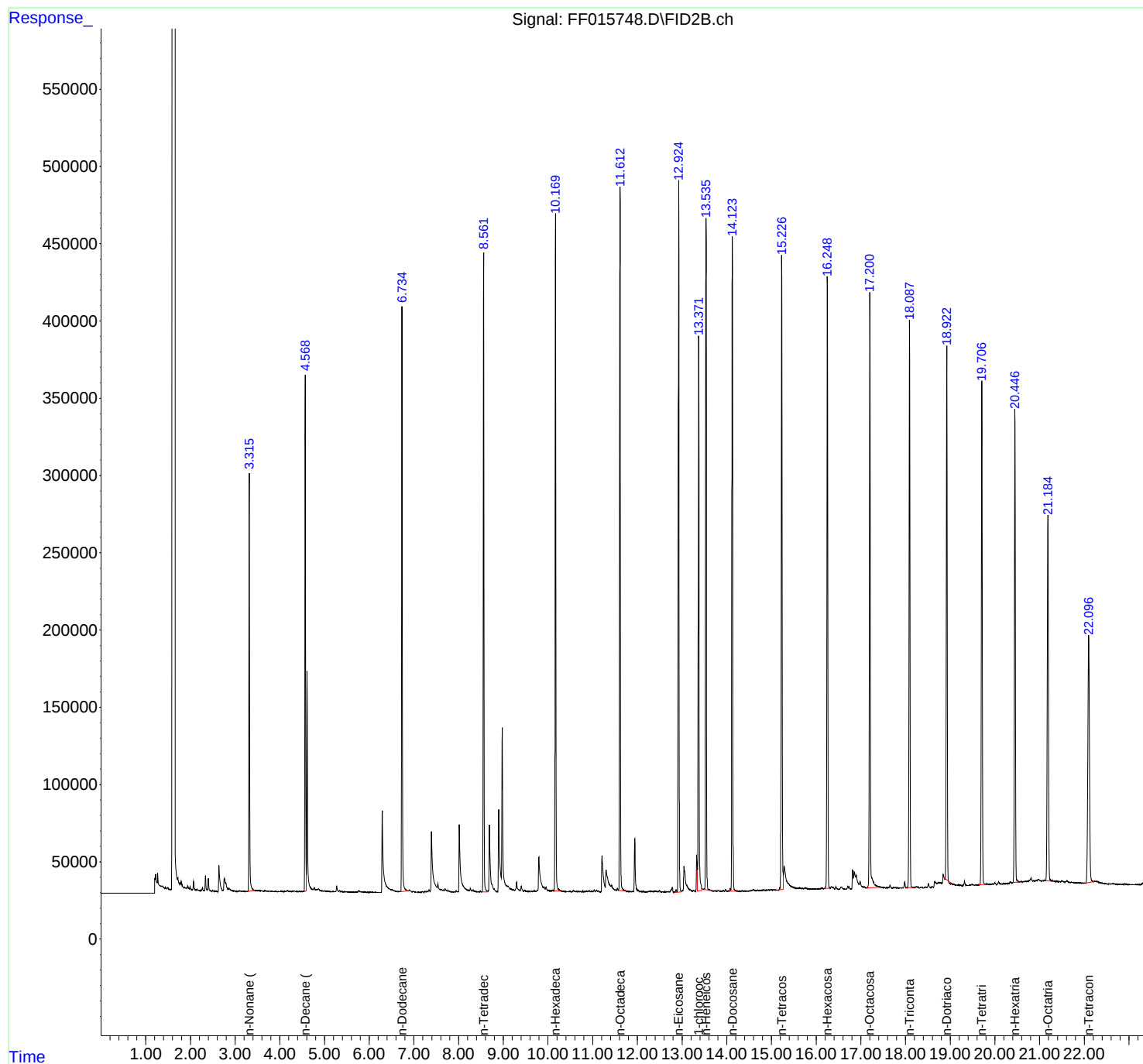
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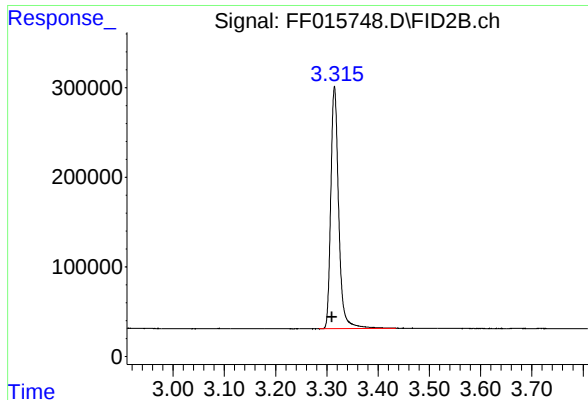
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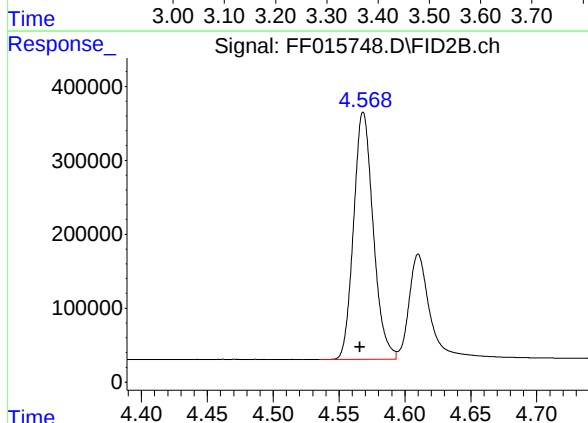
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.005 min
Response: 2902253
Conc: 22.91 ug/ml

Instrument : FID_F
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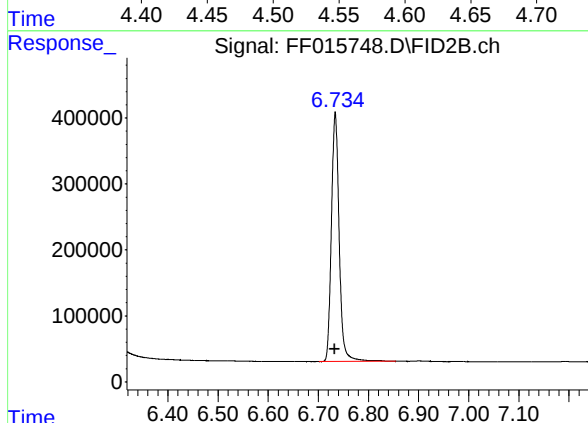
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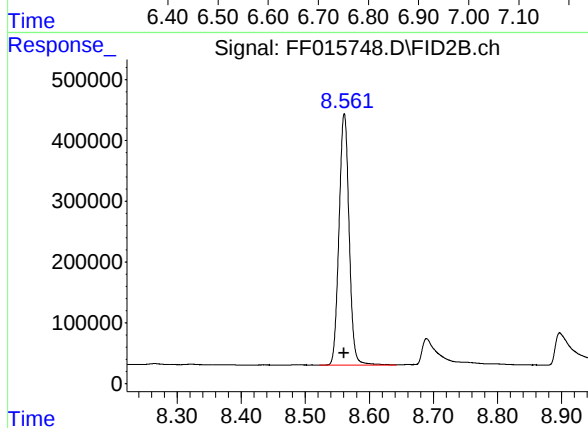
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.003 min
Response: 3462815
Conc: 26.97 ug/ml



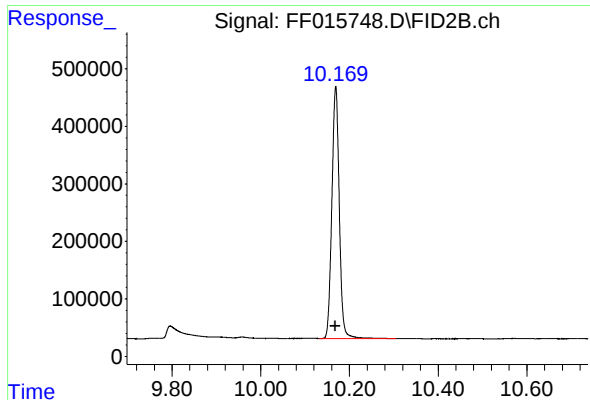
#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 4070965
Conc: 31.24 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 4501443
Conc: 34.76 ug/ml



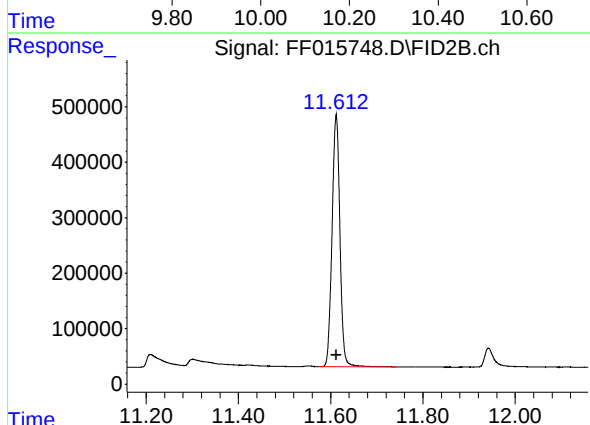
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 5075214
Conc: 37.95 ug/ml

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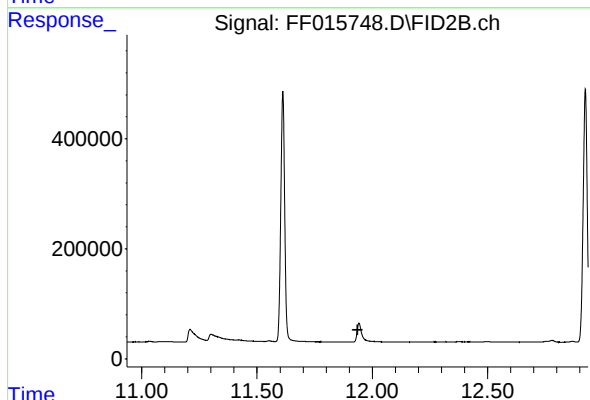
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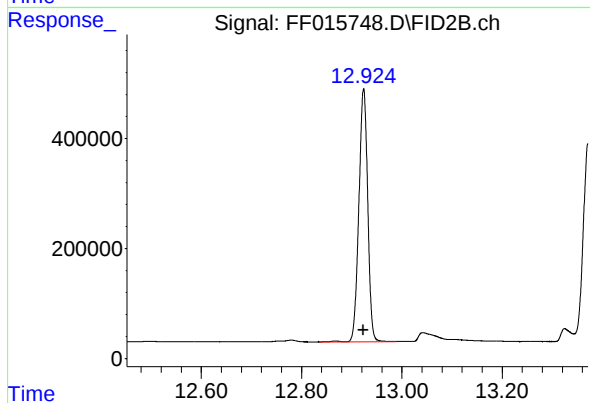
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 5377639
Conc: 39.05 ug/ml



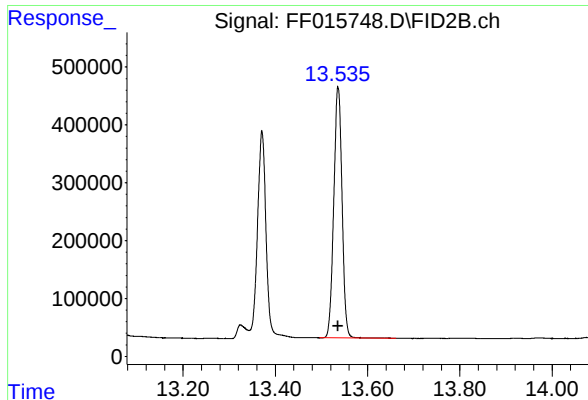
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.936 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 5645090
Conc: 41.89 ug/ml



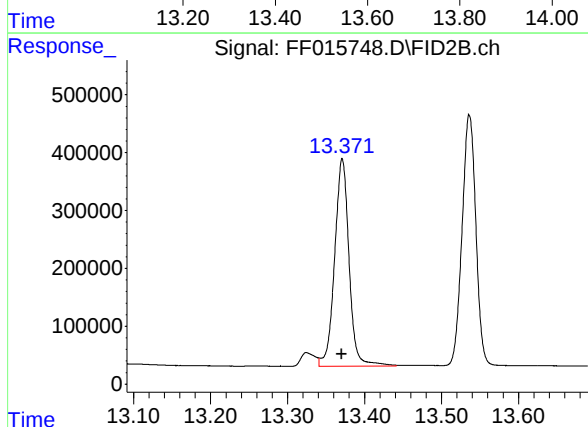
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 5398096
Conc: 40.39 ug/ml

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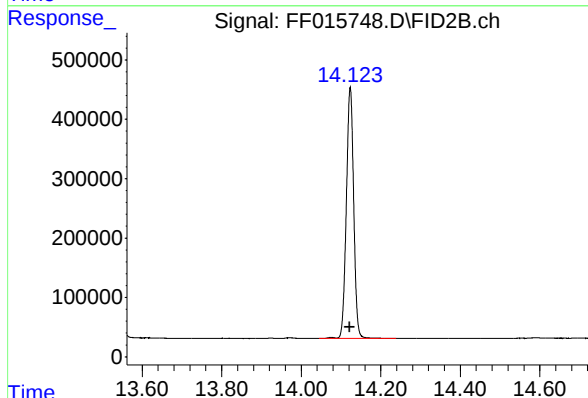
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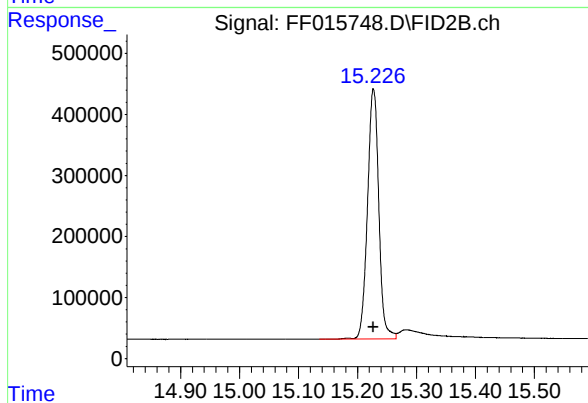
#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.000 min
Response: 4673126
Conc: 41.18 ug/ml m



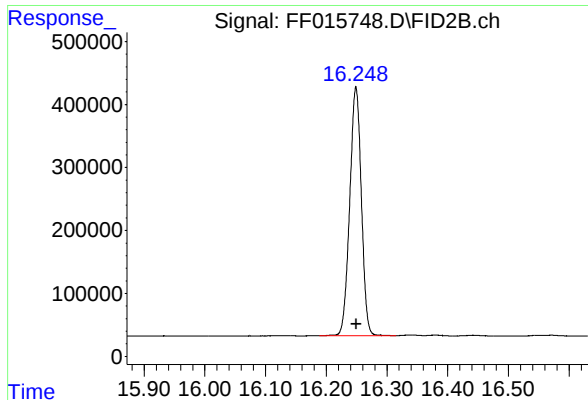
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 5418675
Conc: 40.49 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.000 min
Response: 5464538
Conc: 40.82 ug/ml



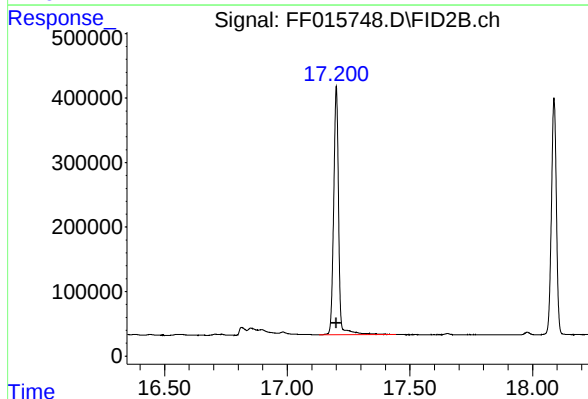
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 5257761
Conc: 40.20 ug/ml

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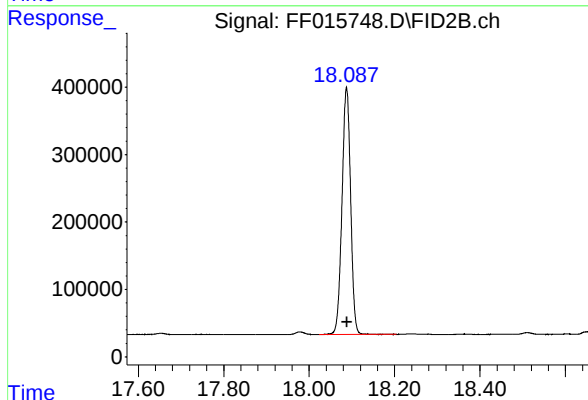
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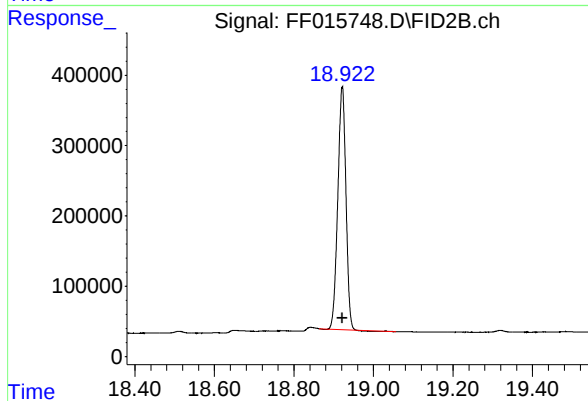
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.000 min
Response: 5412810
Conc: 41.44 ug/ml



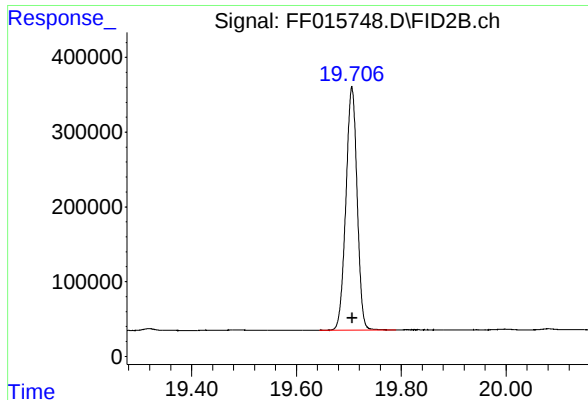
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.001 min
Response: 5133141
Conc: 38.06 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.001 min
Response: 4880734
Conc: 37.43 ug/ml



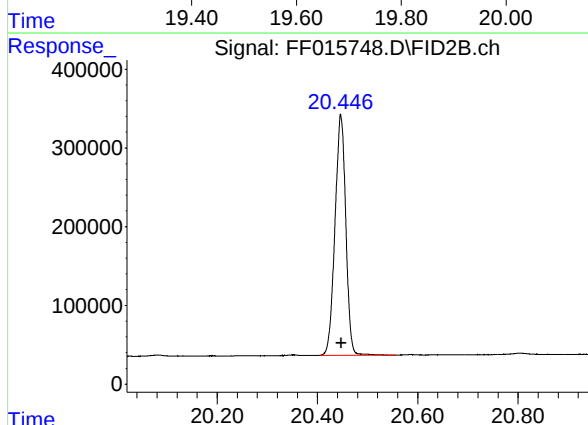
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.001 min
Response: 4830748
Conc: 41.38 ug/ml

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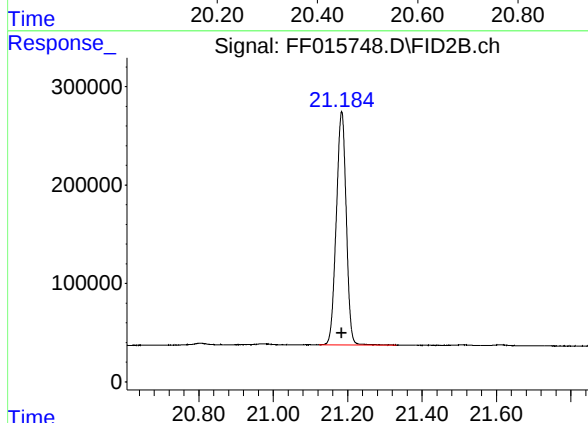
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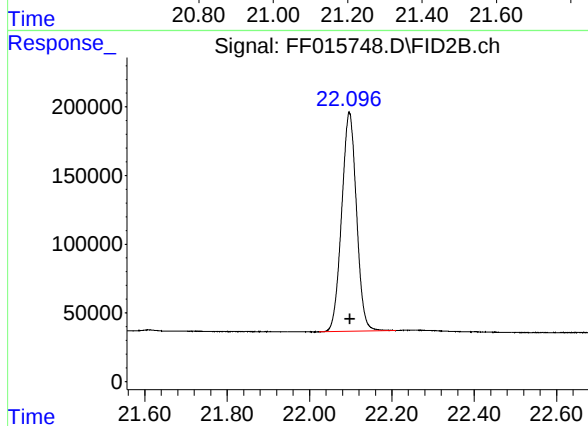
#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 4568812
Conc: 46.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 4390564
Conc: 50.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.002 min
Response: 3986311
Conc: 49.67 ug/ml