

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050688.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 01:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:50:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.857	3150143	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.290	2377153	20.095 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.248	2749869	19.463 ug/ml
2) T n-Decane (C10)	4.498	2847735	19.848 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2807909	19.637 ug/ml
4) T n-Dodecane (C12)	6.665	2865562	19.909 ug/ml
5) T A~2-methylnaphthalene...	7.304	2659088	20.072 ug/ml
6) T n-Tetradecane (C14)	8.491	2853368	19.944 ug/ml
7) T n-Hexadecane (C16)	10.096	2959240	20.108 ug/ml
8) T n-Octadecane (C18)	11.537	3016206	20.193 ug/ml
10) T n-Eicosane (C20)	12.844	2874232	20.043 ug/ml
11) T n-Heneicosane (C21)	13.456	2811077	20.017 ug/ml
13) T n-Docosane (C22)	14.041	2801052	19.965 ug/ml
14) T n-Tetracosane (C24)	15.143	2829208	20.026 ug/ml
15) T n-Hexacosane (C26)	16.163	2830288	20.113 ug/mlm
16) T n-Octacosane (C28)	17.110	2997100	20.482 ug/ml
17) T n-Tricontane (C30)	17.997	3354236	21.095 ug/ml
18) T n-Dotriacontane (C32)	18.830	3441309	21.228 ug/ml
19) T n-Tetratriacontane (C34)	19.613	3081860	20.981 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2627666	20.721 ug/ml
21) T n-Octatriacontane (C38)	21.075	2454472	19.851 ug/ml
22) T n-Tetracontane (C40)	21.962	2116870	19.011 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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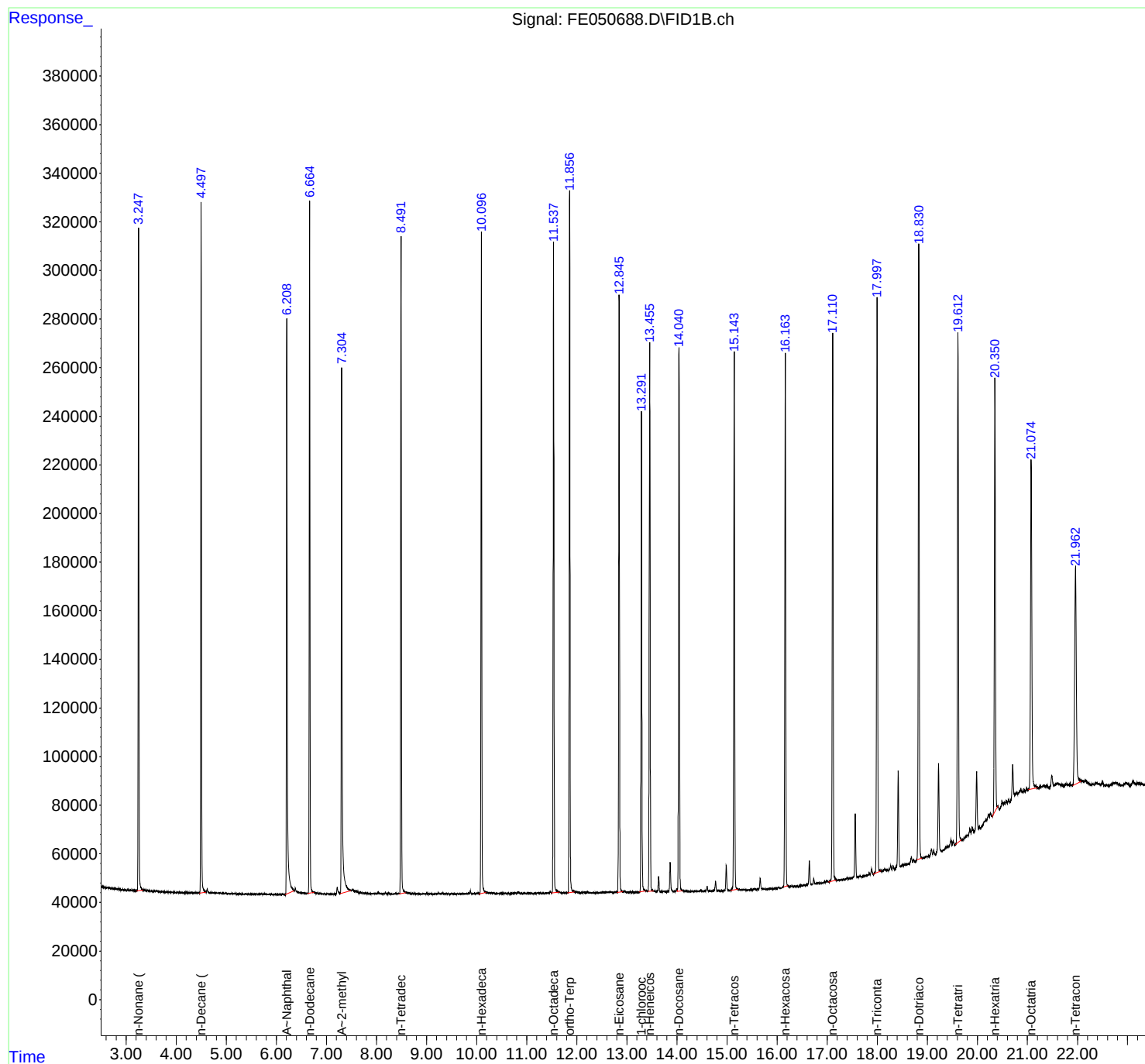
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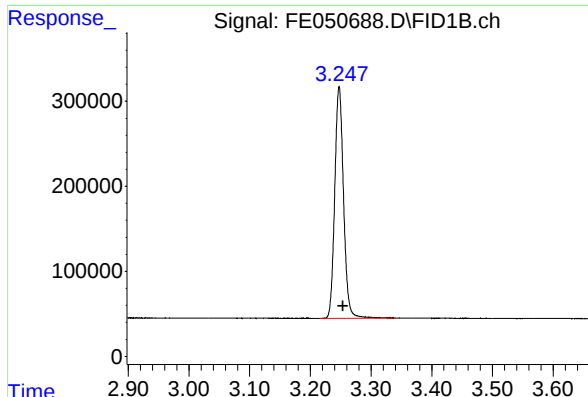
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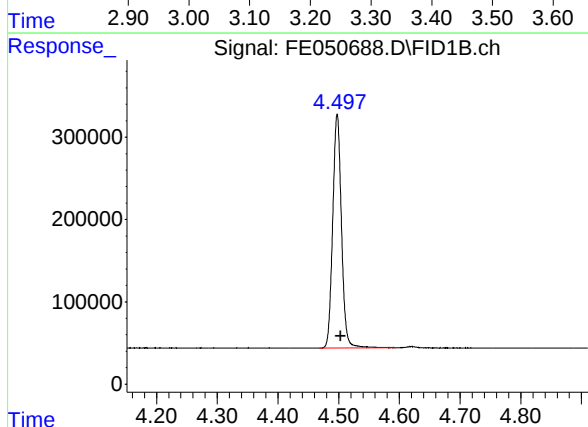
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 2749869
Conc: 19.46 ug/ml

Instrument :
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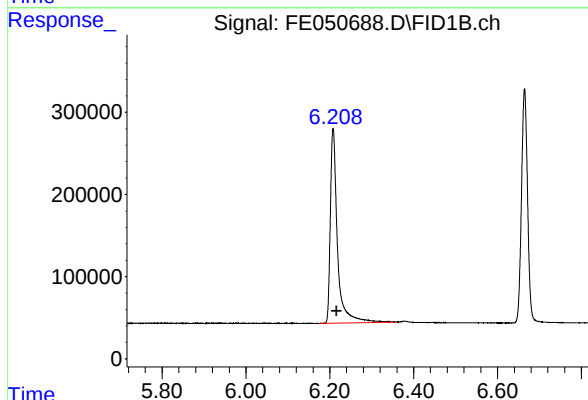
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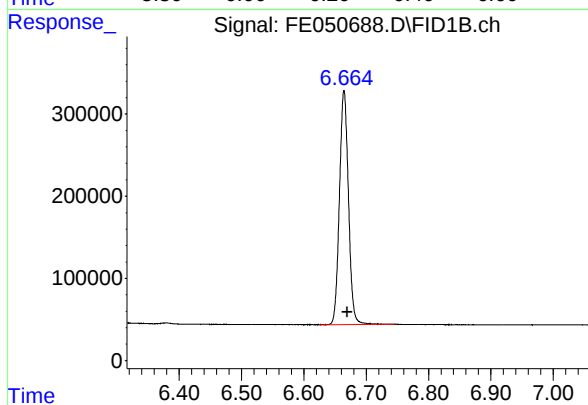
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 2847735
Conc: 19.85 ug/ml



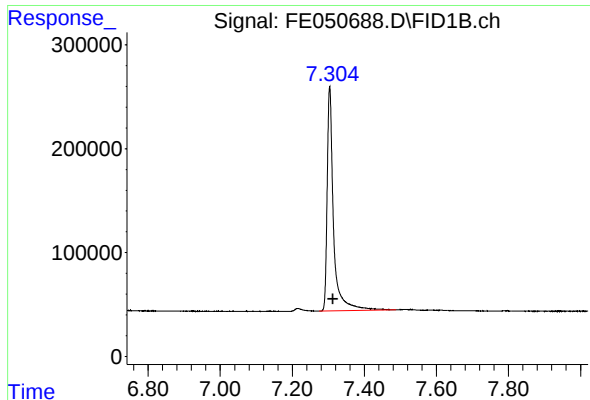
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.008 min
Response: 2807909
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 2865562
Conc: 19.91 ug/ml



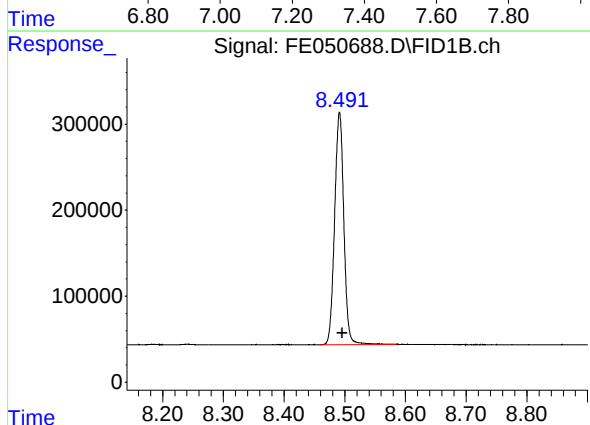
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 2659088
Conc: 20.07 ug/ml

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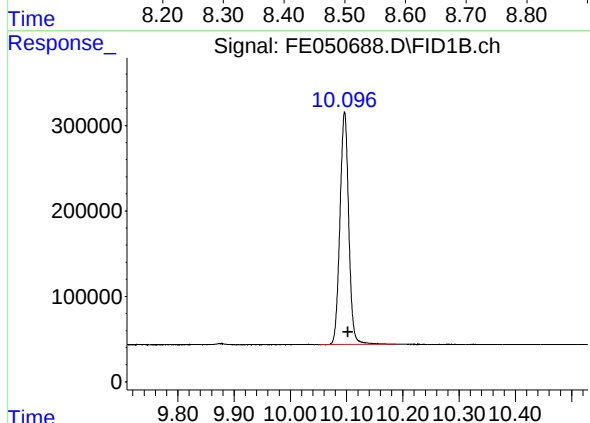
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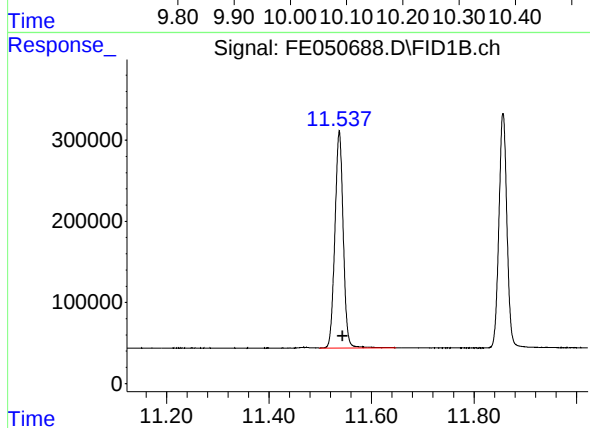
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 2853368
Conc: 19.94 ug/ml



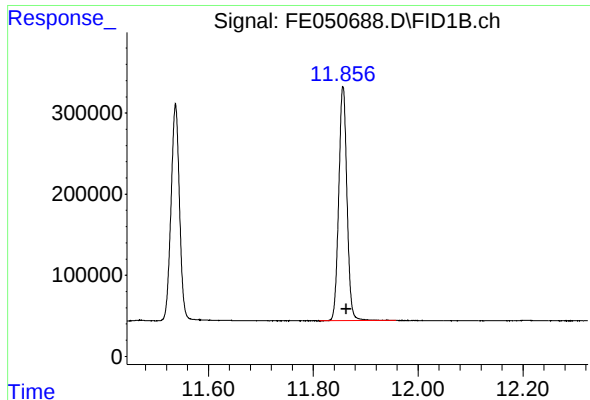
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.006 min
Response: 2959240
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 3016206
Conc: 20.19 ug/ml



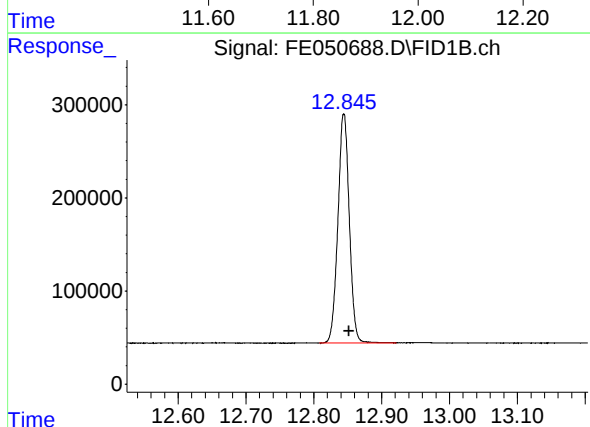
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.006 min
Response: 3150143
Conc: 19.98 ug/ml

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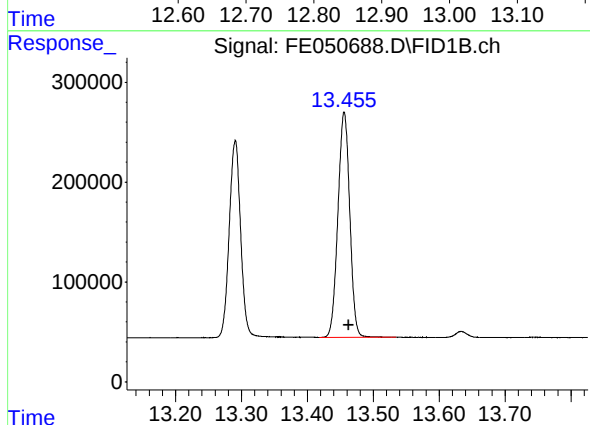
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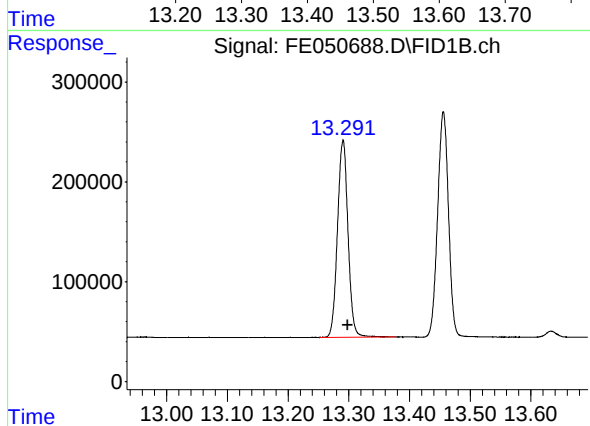
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.007 min
Response: 2874232
Conc: 20.04 ug/ml



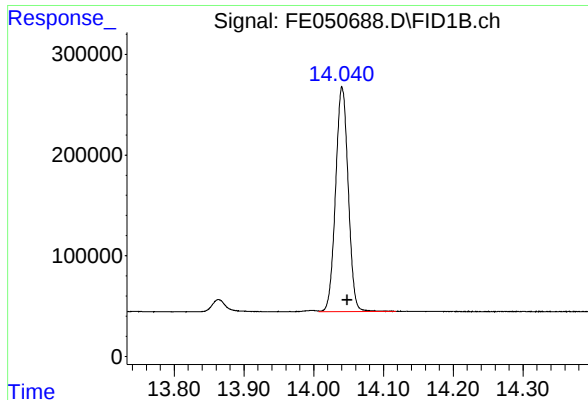
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 2811077
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.007 min
Response: 2377153
Conc: 20.10 ug/ml



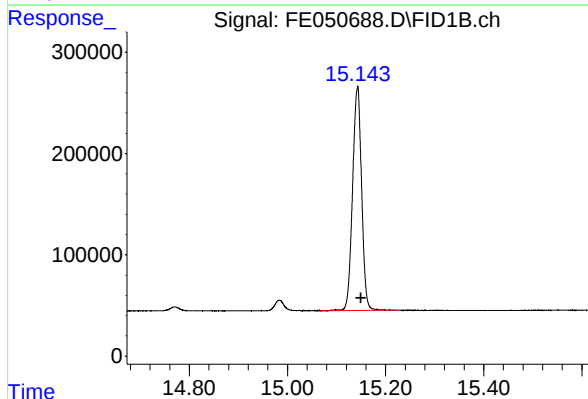
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 2801052
Conc: 19.97 ug/ml

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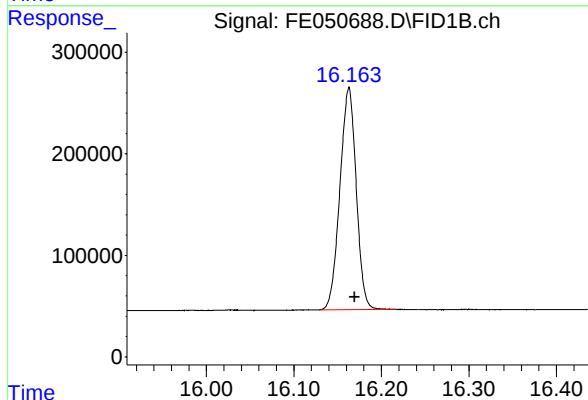
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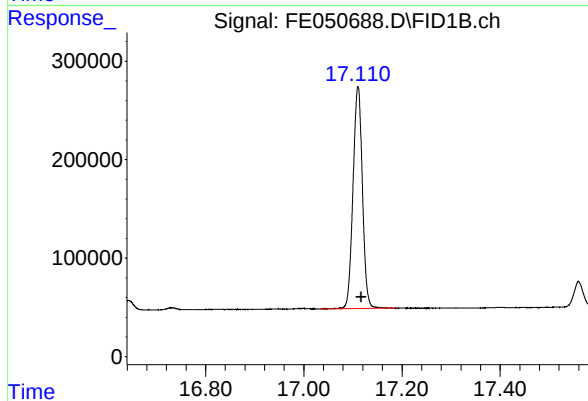
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.007 min
Response: 2829208
Conc: 20.03 ug/ml



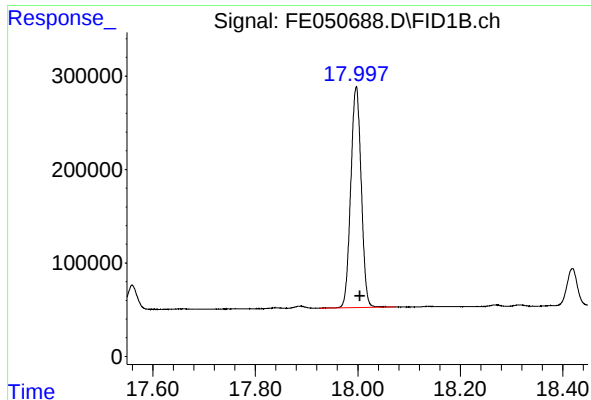
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.006 min
Response: 2830288
Conc: 20.11 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.007 min
Response: 2997100
Conc: 20.48 ug/ml



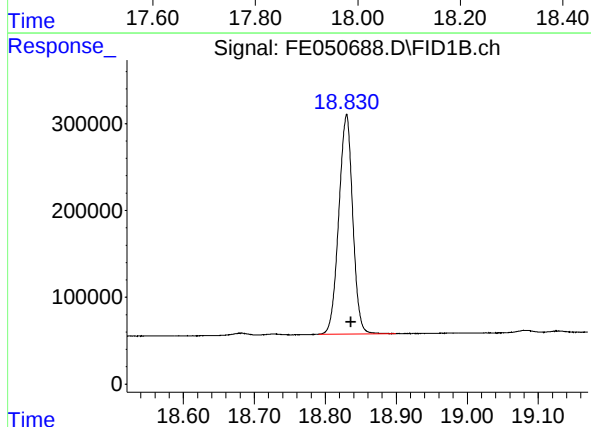
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.007 min
Response: 3354236
Conc: 21.10 ug/ml

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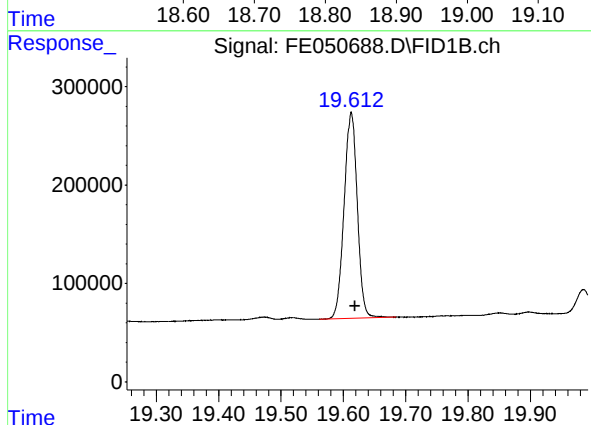
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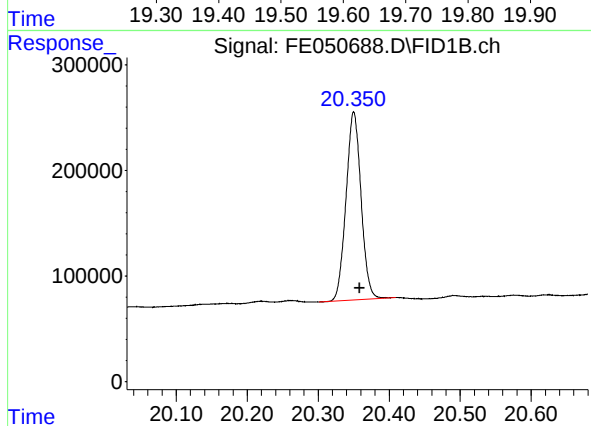
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.007 min
Response: 3441309
Conc: 21.23 ug/ml



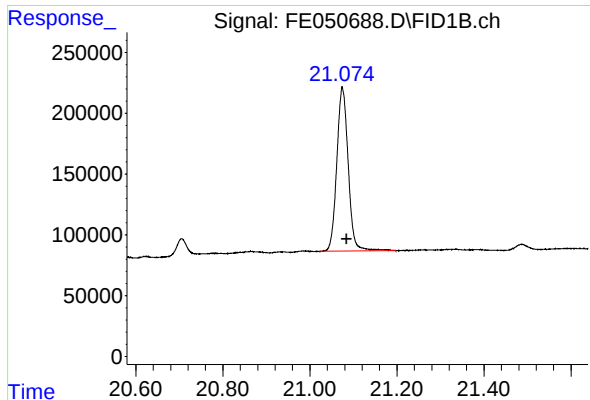
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.006 min
Response: 3081860
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.008 min
Response: 2627666
Conc: 20.72 ug/ml



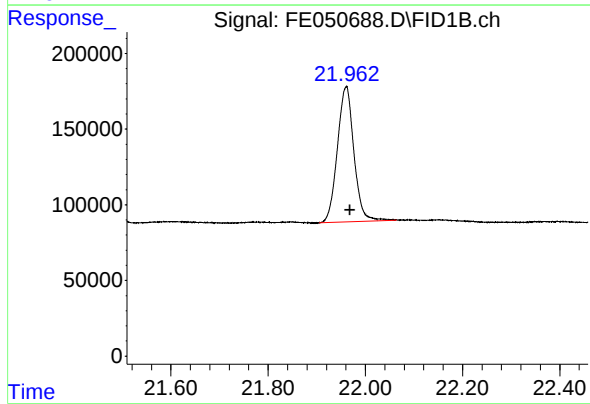
#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.009 min
Response: 2454472
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.007 min
Response: 2116870
Conc: 19.01 ug/ml m