

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066496.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 21:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/29/2024
 Supervised By :Ankita Jodhani 05/29/2024

Integration File: autoint1.e
 Quant Time: May 29 02:37:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.561	2840526	18.688 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.000	2142481	18.749 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.312	2635844	18.834 ug/ml
2) T n-Decane (C10)	4.381	2684967	18.661 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2977432	18.685 ug/ml
4) T n-Dodecane (C12)	6.403	2693592	18.706 ug/ml
5) T A~2-methylnaphthalene...	7.025	2872777	18.732 ug/ml
6) T n-Tetradecane (C14)	8.201	2638936	18.693 ug/ml
7) T n-Hexadecane (C16)	9.803	2691117	18.725 ug/ml
8) T n-Octadecane (C18)	11.246	2672631	18.676 ug/ml
10) T n-Eicosane (C20)	12.556	2541205	18.676 ug/ml
11) T n-Heneicosane (C21)	13.168	2491217	18.688 ug/ml
13) T n-Docosane (C22)	13.755	2467259	18.720 ug/ml
14) T n-Tetracosane (C24)	14.859	2447248	18.800 ug/ml
15) T n-Hexacosane (C26)	15.881	2400469	18.875 ug/ml
16) T n-Octacosane (C28)	16.831	2366309	19.060 ug/ml
17) T n-Tricontane (C30)	17.719	2410569	19.127 ug/ml
18) T n-Dotriacontane (C32)	18.551	2375876	19.304 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2294245	19.131 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2205860	18.207 ug/ml
21) T n-Octatriacontane (C38)	20.812	2270603	19.628 ug/mlm
22) T n-Tetracontane (C40)	21.725	2125325	17.350 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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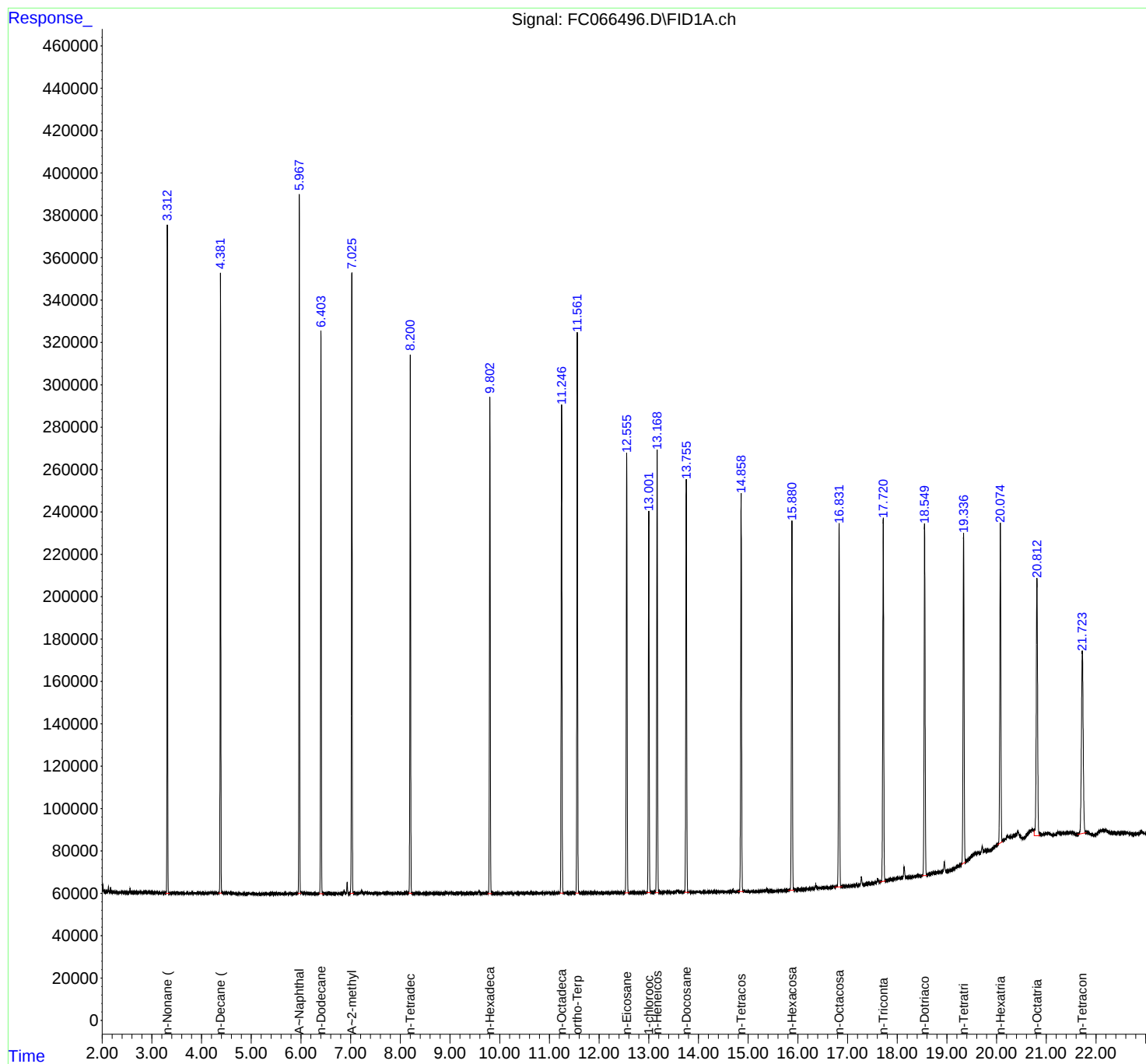
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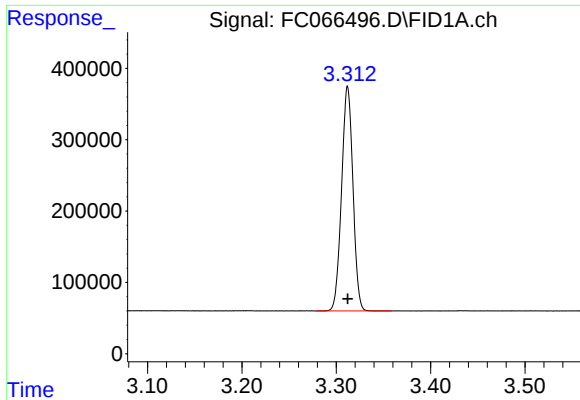
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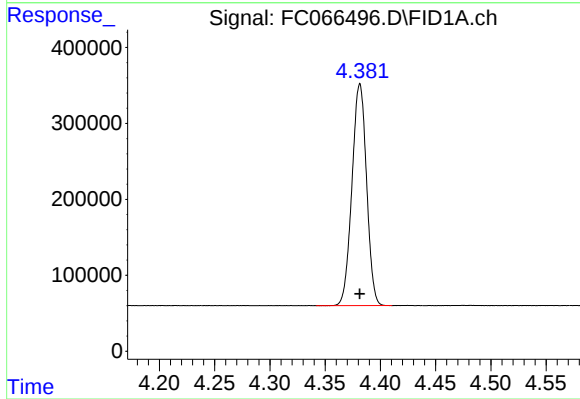
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2635844
Conc: 18.83 ug/ml

Instrument :
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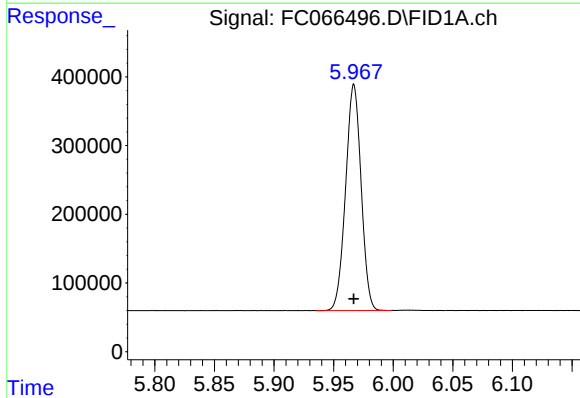
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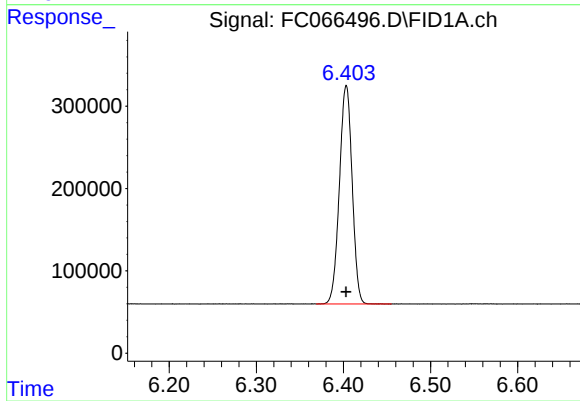
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2684967
Conc: 18.66 ug/ml



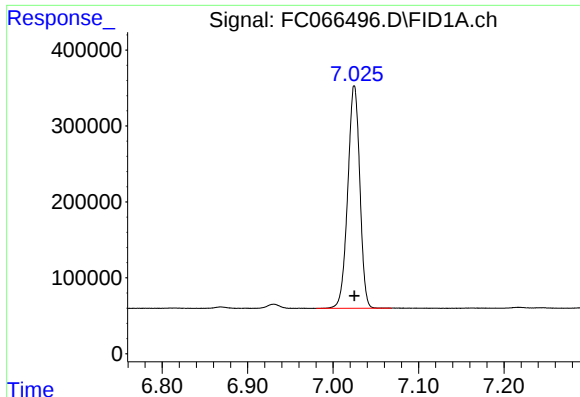
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 2977432
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2693592
Conc: 18.71 ug/ml



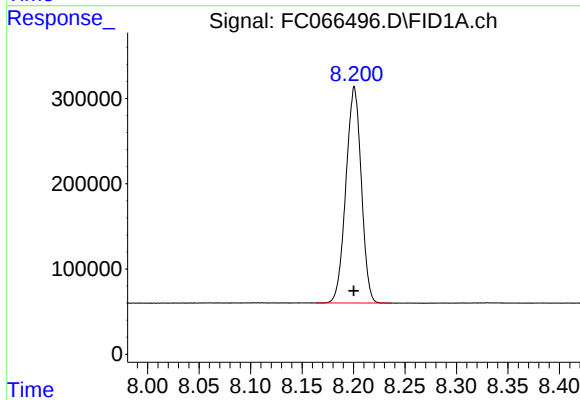
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 2872777
Conc: 18.73 ug/ml

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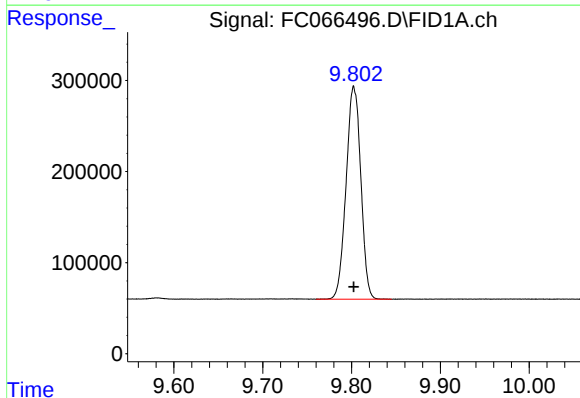
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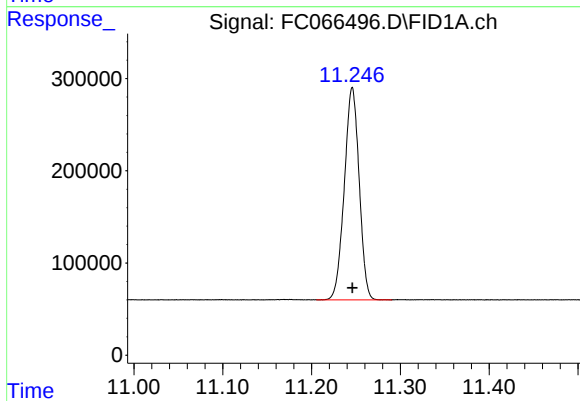
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 2638936
Conc: 18.69 ug/ml



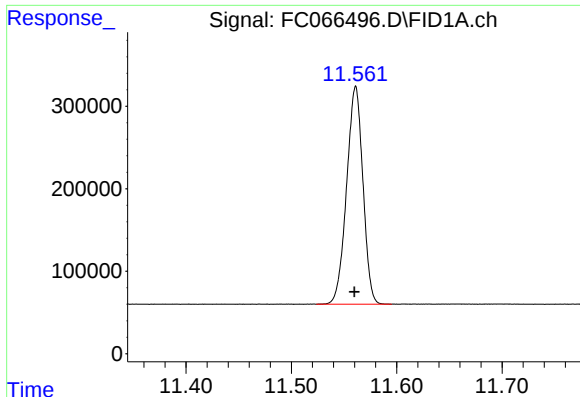
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2691117
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 2672631
Conc: 18.68 ug/ml



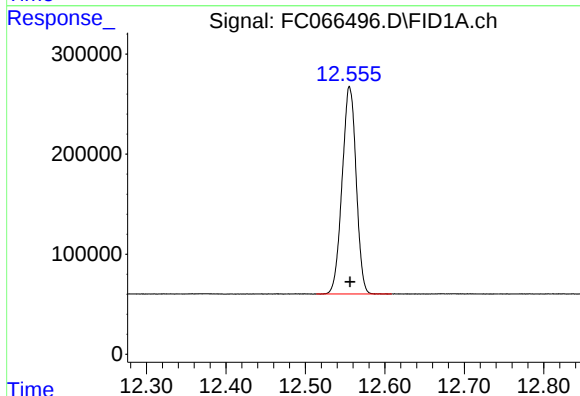
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: 0.001 min
Response: 2840526
Conc: 18.69 ug/ml

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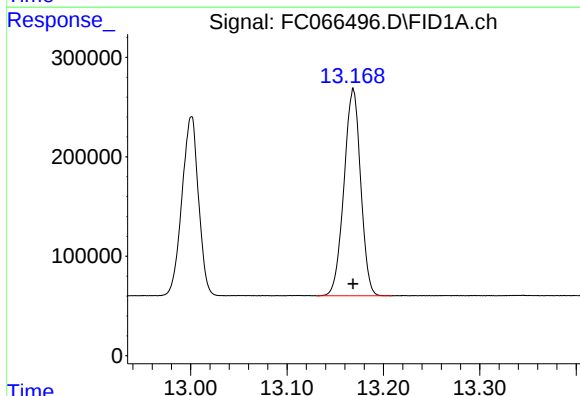
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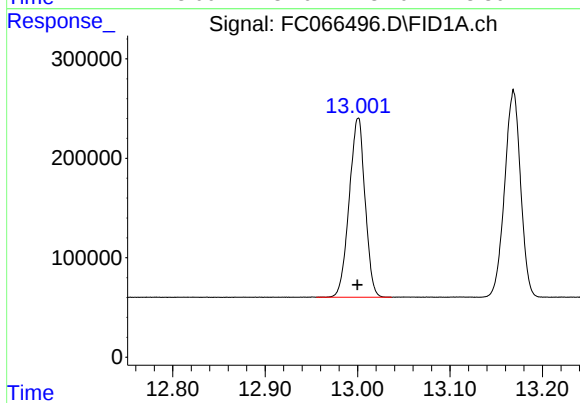
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.000 min
Response: 2541205
Conc: 18.68 ug/ml



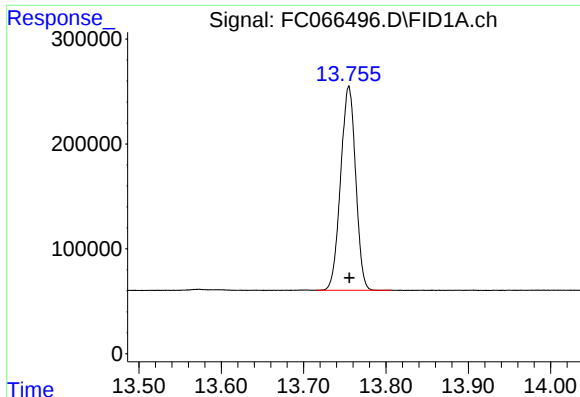
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: 0.000 min
Response: 2491217
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: 0.000 min
Response: 2142481
Conc: 18.75 ug/ml



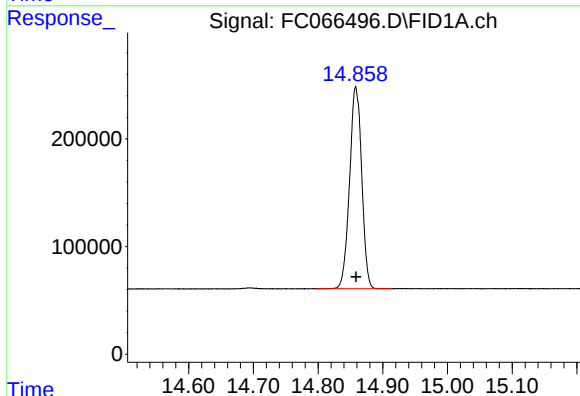
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: 0.000 min
Response: 2467259
Conc: 18.72 ug/ml

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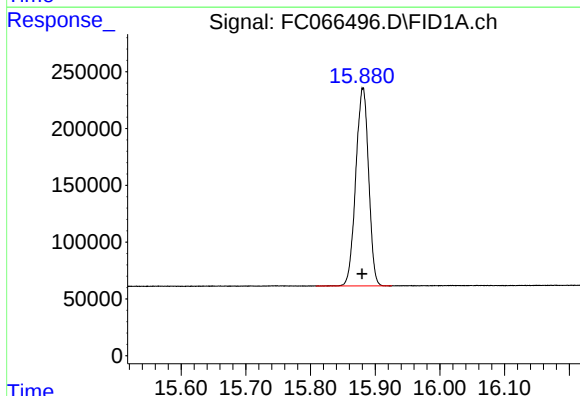
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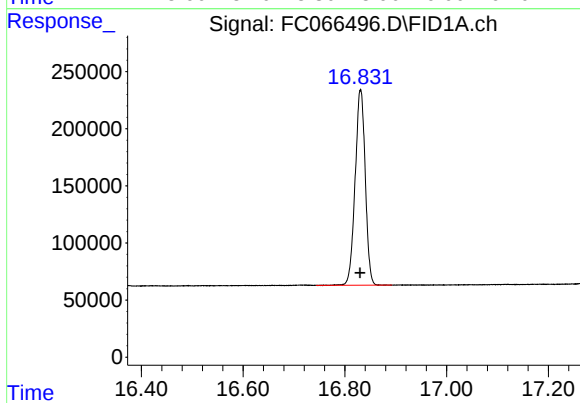
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2447248
Conc: 18.80 ug/ml



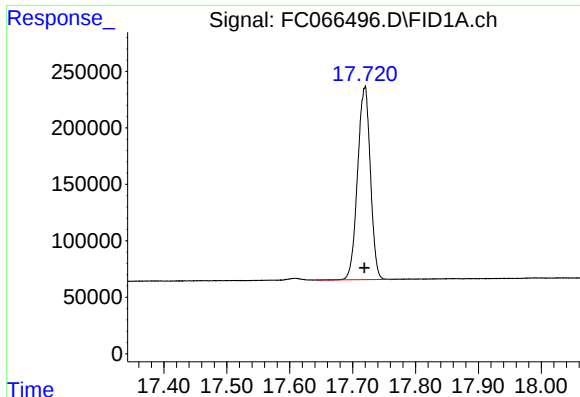
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.001 min
Response: 2400469
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 2366309
Conc: 19.06 ug/ml



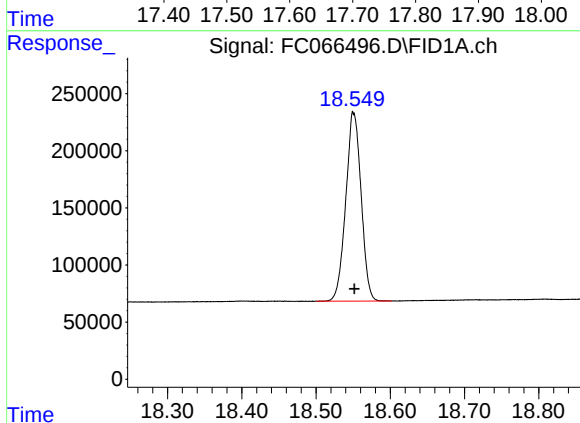
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 2410569
Conc: 19.13 ug/ml

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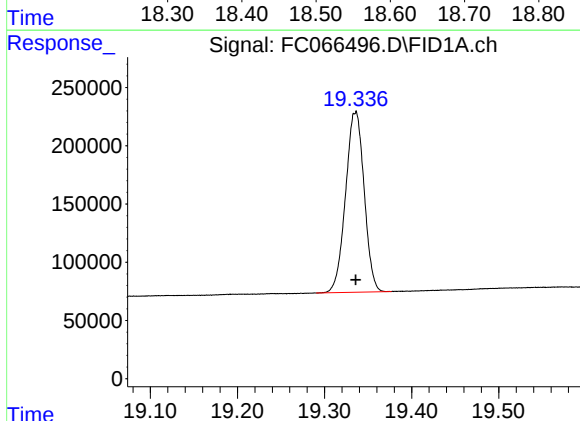
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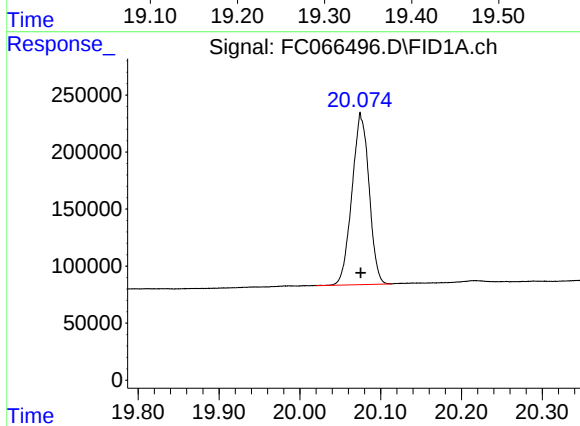
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: 0.000 min
Response: 2375876
Conc: 19.30 ug/ml



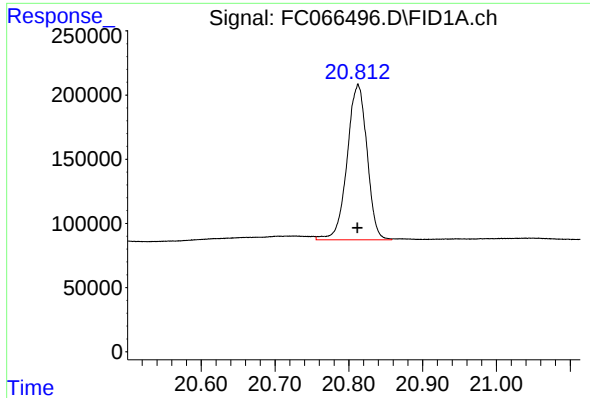
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.000 min
Response: 2294245
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.000 min
Response: 2205860
Conc: 18.21 ug/ml



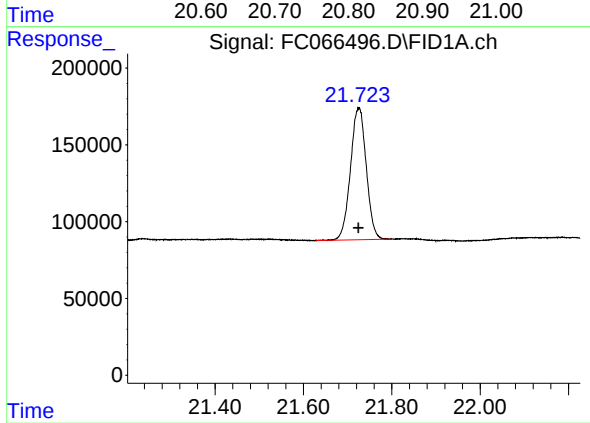
#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 2270603
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 2125325
Conc: 17.35 ug/ml