

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068187.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 18:40
 Operator : YP/AJ
 Sample : Q1209-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WC-4MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e

Quant Time: Feb 04 03:25:10 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 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)	11.425	11278627	72.175 ug/ml
Spiked Amount 50.000		Recovery =	144.35%
12) S 1-chlorooctadecane (S...	12.861	6137350	53.367 ug/ml
Spiked Amount 50.000		Recovery =	106.73%
Target Compounds			
1) T n-Nonane (C9)	3.243	5286410	38.606 ug/ml
2) T n-Decane (C10)	4.293	5522312	39.777 ug/ml
3) T A~Naphthalene (C11.7)	5.856	6370017	42.431 ug/ml
4) T n-Dodecane (C12)	6.295	5538415	39.645 ug/ml
5) T A~2-methylnaphthalene...	6.906	6195398	43.134 ug/ml
6) T n-Tetradecane (C14)	8.084	5666200	41.517 ug/mlm
7) T n-Hexadecane (C16)	9.677	5477792	39.423 ug/ml
8) T n-Octadecane (C18)	11.114	5404102	38.624 ug/ml
10) T n-Eicosane (C20)	12.420	5481460	40.967 ug/ml
11) T n-Heneicosane (C21)	13.030	5316754	40.481 ug/ml
13) T n-Docosane (C22)	13.614	5110169	39.450 ug/mlm
14) T n-Tetracosane (C24)	14.676	10388570	80.917 ug/mlm
15) T n-Hexacosane (C26)	15.733	4853766	38.572 ug/mlm
16) T n-Octacosane (C28)	16.681	4738168	37.883 ug/ml
17) T n-Tricontane (C30)	17.568	4813053	37.237 ug/ml
18) T n-Dotriacontane (C32)	18.396	4807792	38.459 ug/ml
19) T n-Tetratriacontane (C34)	19.180	4867958	44.876 ug/ml
20) T n-Hexatriacontane (C36)	19.918	4475288	48.359 ug/ml
21) T n-Octatriacontane (C38)	20.632	4689307	54.725 ug/ml
22) T n-Tetracontane (C40)	21.488	4412771	54.573 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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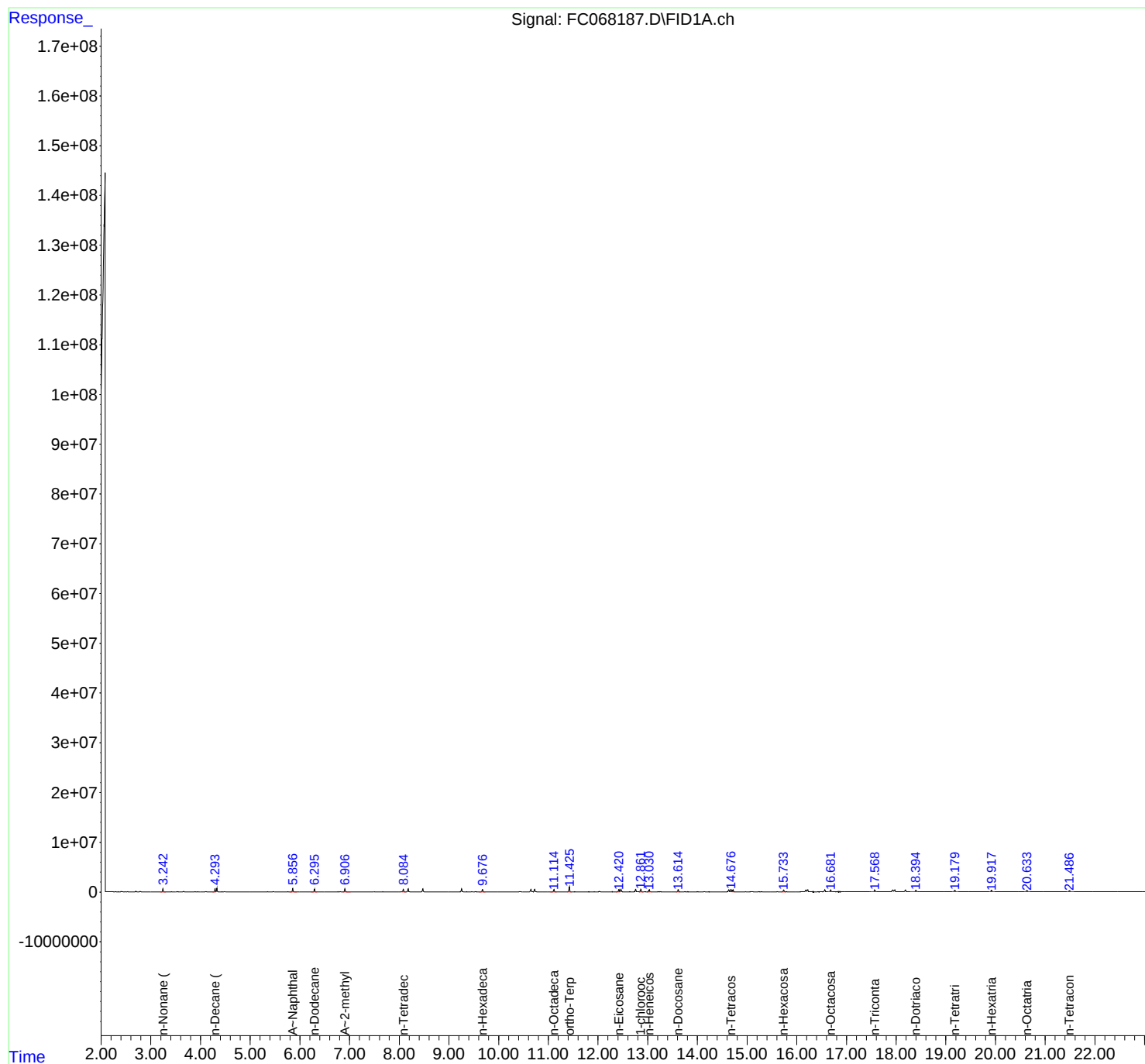
Instrument :
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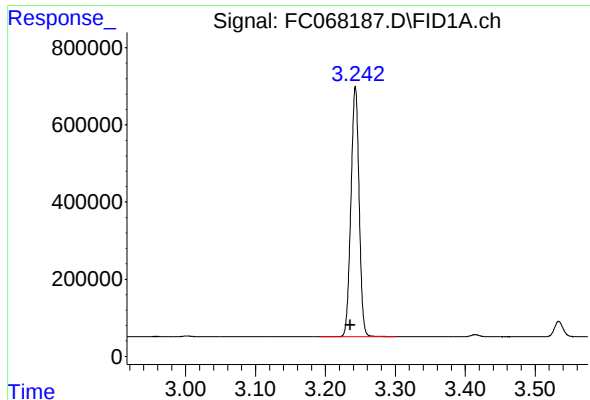
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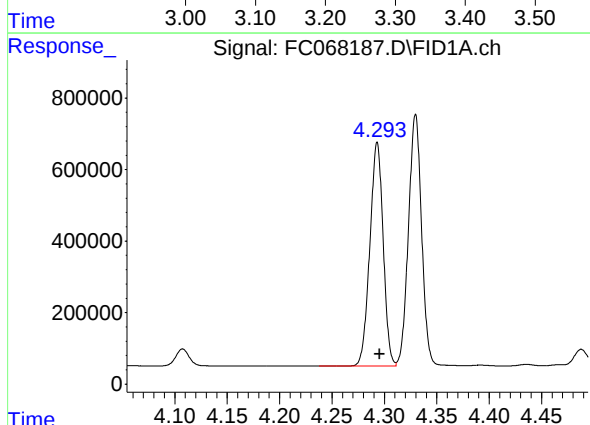
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: 0.007 min
Response: 5286410
Conc: 38.61 ug/ml

Instrument :
FID_C
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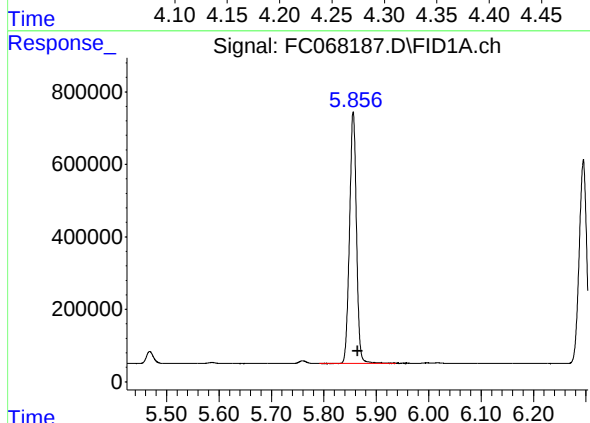
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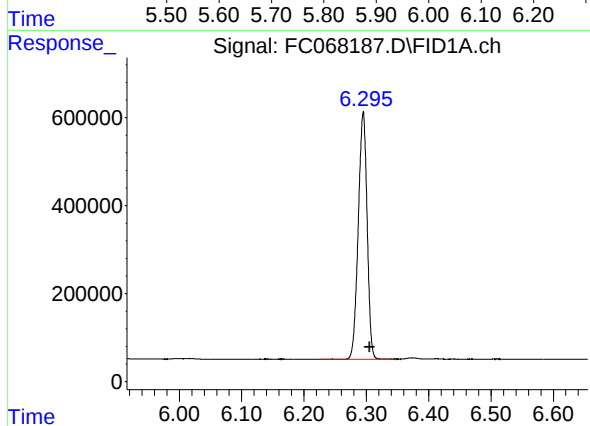
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 5522312
Conc: 39.78 ug/ml



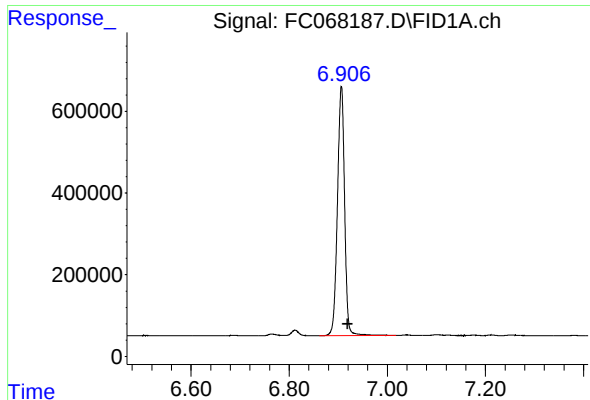
#3 A~Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.009 min
Response: 6370017
Conc: 42.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.011 min
Response: 5538415
Conc: 39.65 ug/ml



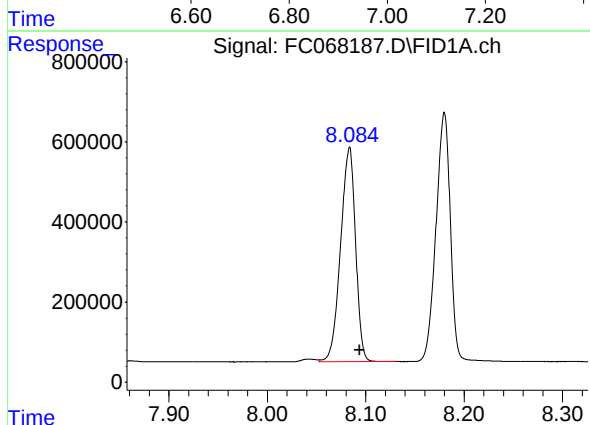
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.013 min
Response: 6195398
Conc: 43.13 ug/ml

Instrument :
FID_C
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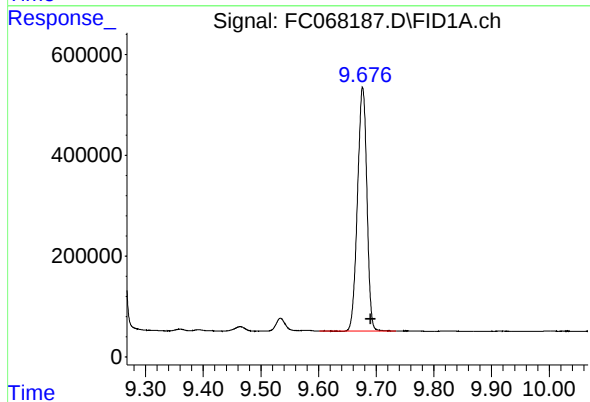
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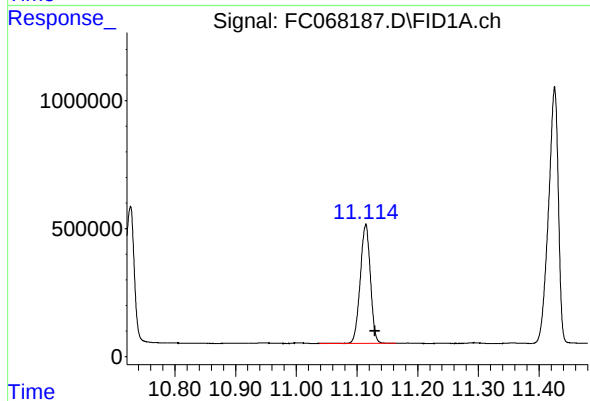
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: -0.010 min
Response: 5666200
Conc: 41.52 ug/ml m



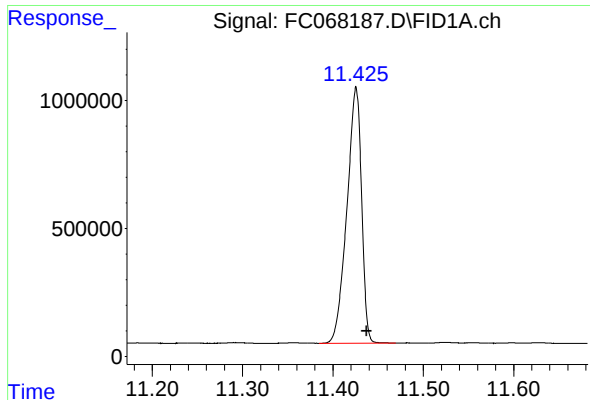
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: -0.014 min
Response: 5477792
Conc: 39.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.015 min
Response: 5404102
Conc: 38.62 ug/ml



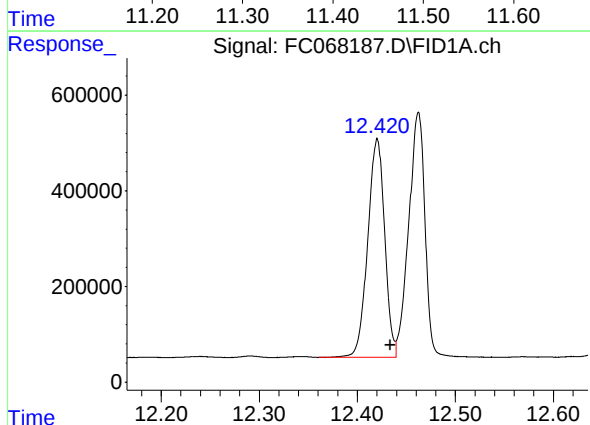
#9 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.012 min
Response: 11278627
Conc: 72.18 ug/ml

Instrument :
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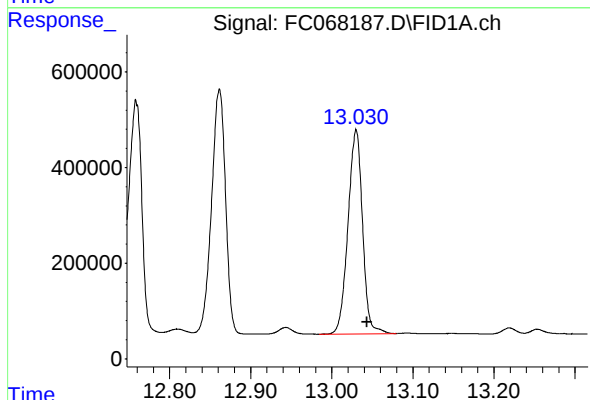
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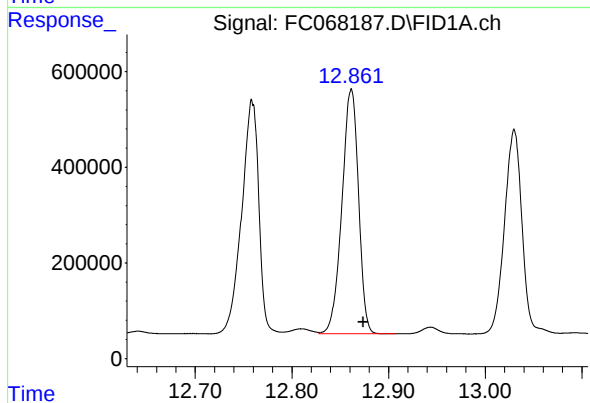
#10 n-Eicosane (C20)

R.T.: 12.420 min
Delta R.T.: -0.014 min
Response: 5481460
Conc: 40.97 ug/ml



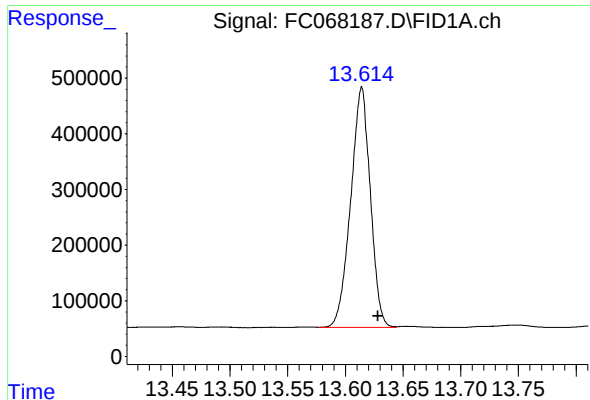
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.014 min
Response: 5316754
Conc: 40.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.861 min
Delta R.T.: -0.013 min
Response: 6137350
Conc: 53.37 ug/ml



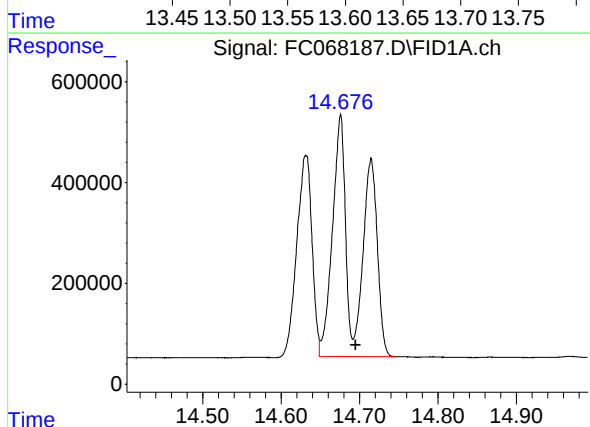
#13 n-Docosane (C22)

R.T.: 13.614 min
Delta R.T.: -0.014 min
Response: 5110169
Conc: 39.45 ug/ml

Instrument :
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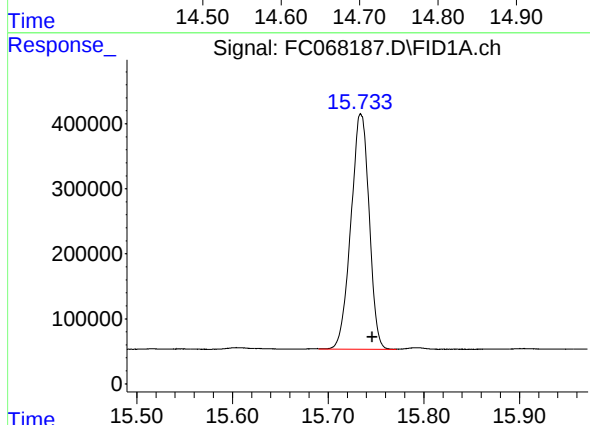
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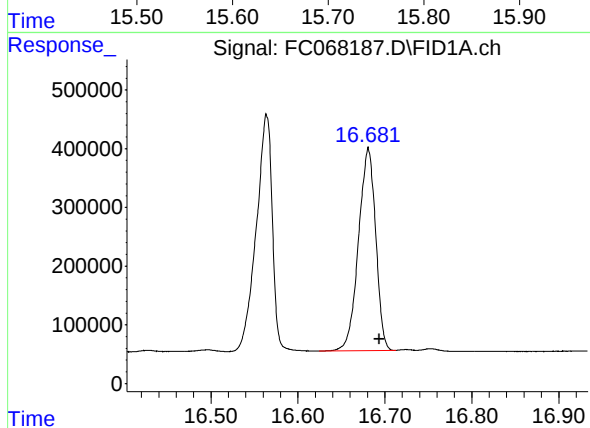
#14 n-Tetracosane (C24)

R.T.: 14.676 min
Delta R.T.: -0.019 min
Response: 10388570
Conc: 80.92 ug/ml



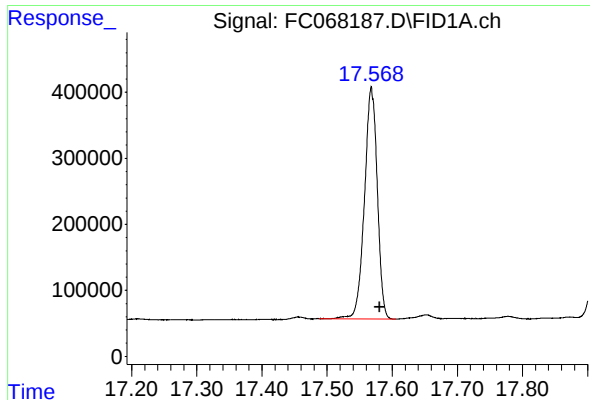
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.013 min
Response: 4853766
Conc: 38.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.681 min
Delta R.T.: -0.013 min
Response: 4738168
Conc: 37.88 ug/ml



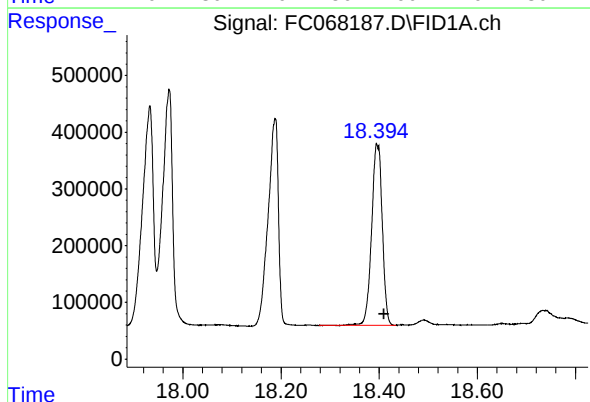
#17 n-Tricontane (C30)

R.T.: 17.568 min
Delta R.T.: -0.012 min
Response: 4813053
Conc: 37.24 ug/ml

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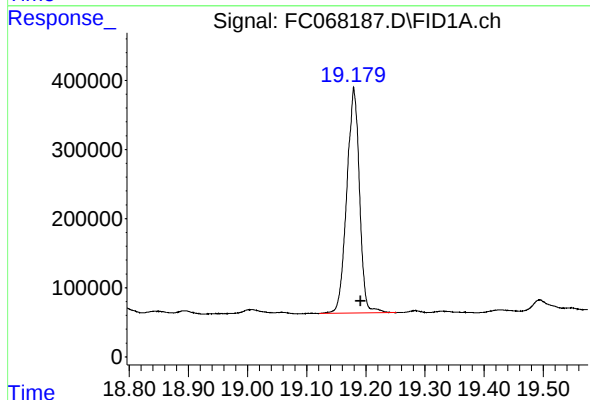
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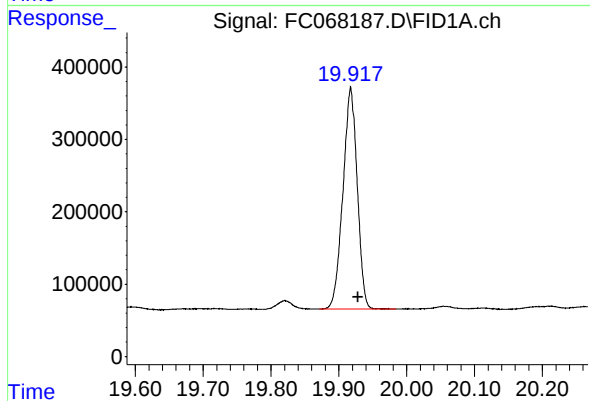
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.014 min
Response: 4807792
Conc: 38.46 ug/ml



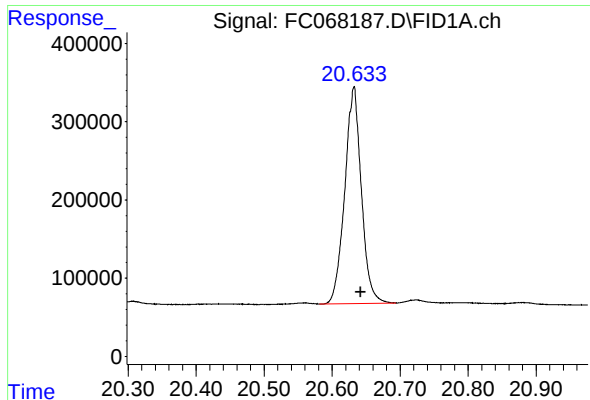
#19 n-Tetatriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.011 min
Response: 4867958
Conc: 44.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.011 min
Response: 4475288
Conc: 48.36 ug/ml



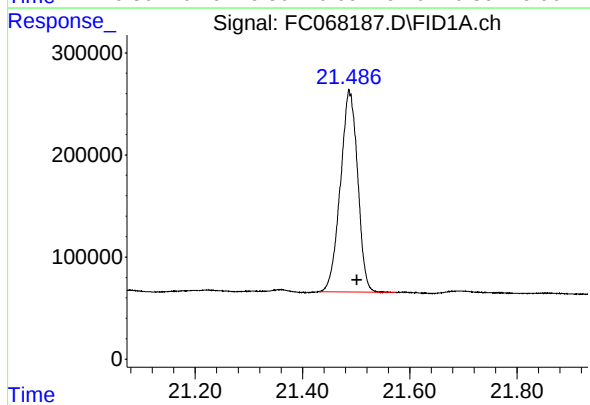
#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: -0.010 min
Response: 4689307
Conc: 54.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: -0.014 min
Response: 4412771
Conc: 54.57 ug/ml