

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059899.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 18:54
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2022
 Supervised By :Ankita Jodhani 05/25/2022

Integration File: sample.E
 Quant Time: May 25 01:51:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:51:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.655	15242735	98.151 ug/ml
Spiked Amount 50.000		Recovery =	196.30%
12) S 1-chlorooctadecane (S...	12.022	12151134	97.592 ug/ml
Spiked Amount 50.000		Recovery =	195.18%
Target Compounds			
1) T n-Nonane (C9)	2.622	12768304	99.164 ug/ml
2) T n-Decane (C10)	3.622	12746644	99.493 ug/ml
3) T A~Naphthalene (C11.7)	5.159	14587459	100.848 ug/ml
4) T n-Dodecane (C12)	5.579	13105577	99.186 ug/ml
5) T A~2-methylnaphthalene...	6.185	14851561	100.344 ug/ml
6) T n-Tetradecane (C14)	7.332	13332525	99.266 ug/ml
7) T n-Hexadecane (C16)	8.898	13651777	98.787 ug/ml
8) T n-Octadecane (C18)	10.310	13910834	98.203 ug/ml
10) T n-Eicosane (C20)	11.588	13885873	97.707 ug/ml
11) T n-Heneicosane (C21)	12.187	13943805	97.302 ug/ml
13) T n-Docosane (C22)	12.760	13942034	96.854 ug/ml
14) T n-Tetracosane (C24)	13.838	13881069	96.337 ug/ml
15) T n-Hexacosane (C26)	14.835	13602148	95.505 ug/ml
16) T n-Octacosane (C28)	15.763	13159493	94.768 ug/ml
17) T n-Tricontane (C30)	16.629	12407232	93.919 ug/ml
18) T n-Dotriacontane (C32)	17.441	11183537	93.464 ug/ml
19) T n-Tetratriacontane (C34)	18.205	10014956	94.834 ug/ml
20) T n-Hexatriacontane (C36)	18.928	9111220	95.612 ug/mlm
21) T n-Octatriacontane (C38)	19.608	8803894	95.825 ug/ml
22) T n-Tetracontane (C40)	20.257	9105556	96.506 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

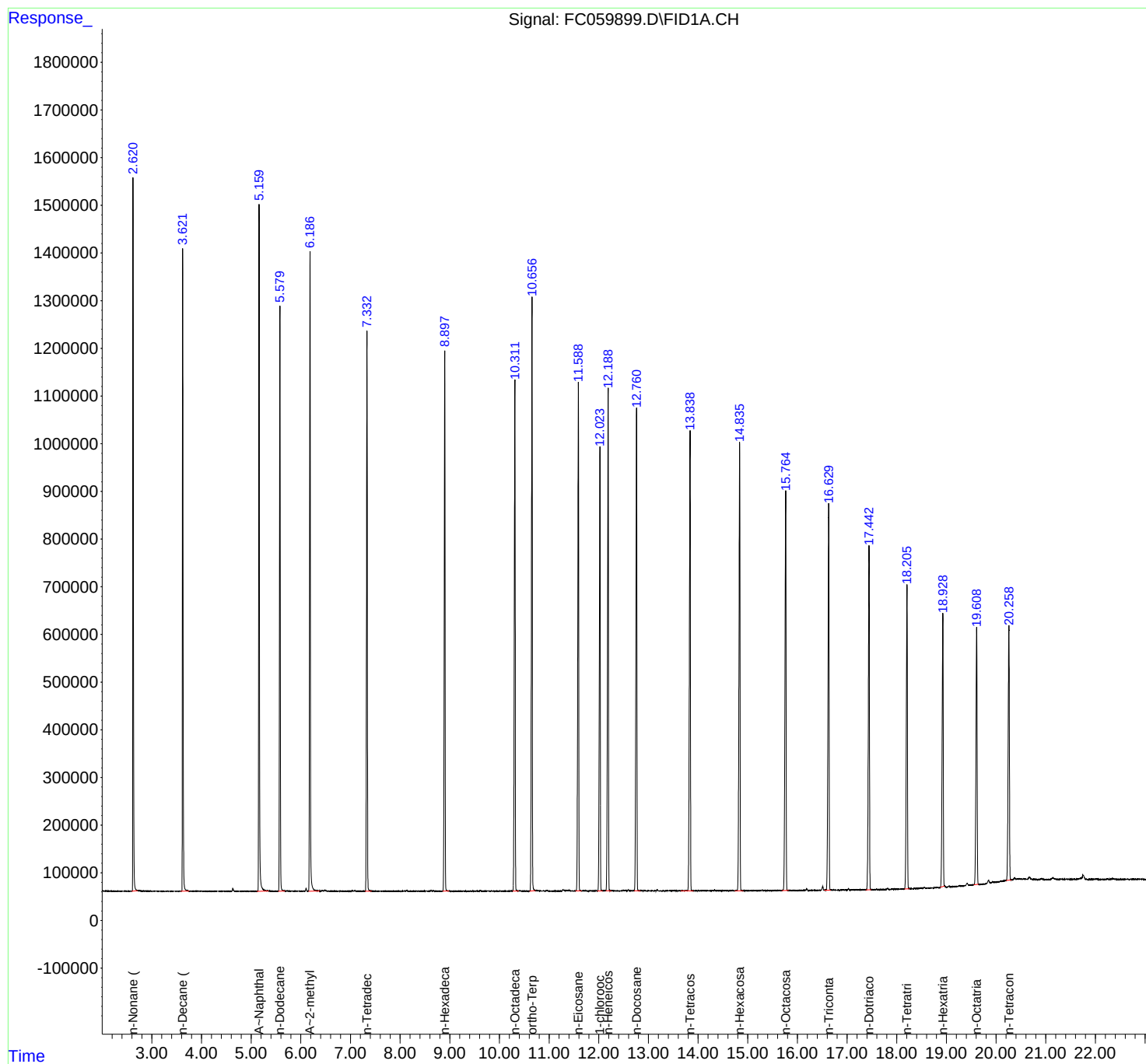
Instrument :
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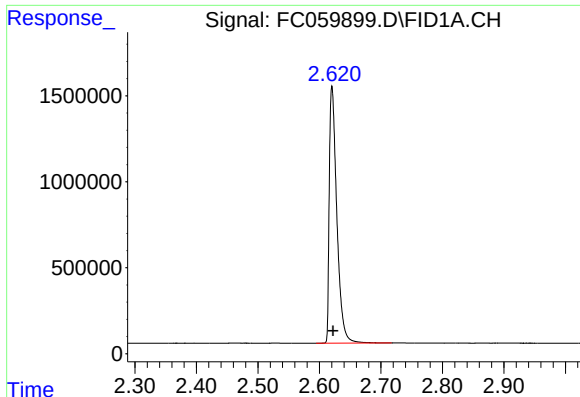
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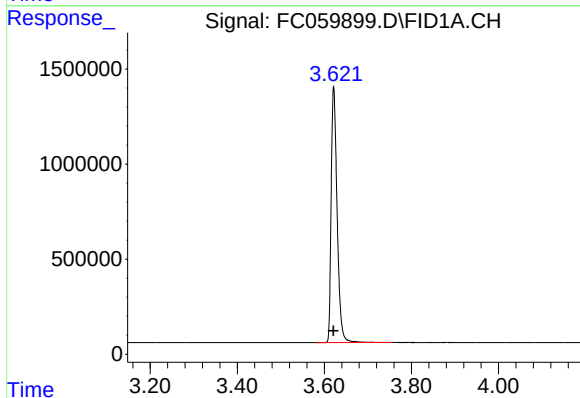
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 12768304
Conc: 99.16 ug/ml

Instrument :
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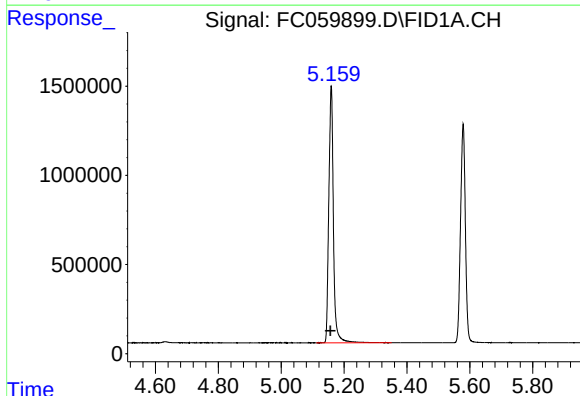
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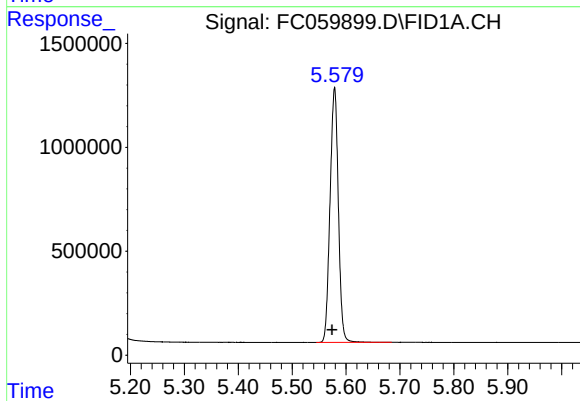
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 12746644
Conc: 99.49 ug/ml



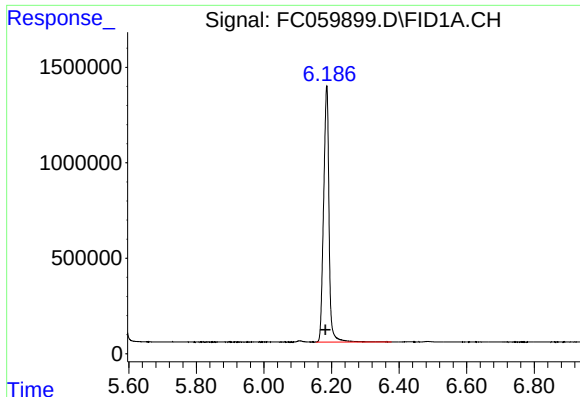
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: 0.002 min
Response: 14587459
Conc: 100.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: 0.004 min
Response: 13105577
Conc: 99.19 ug/ml



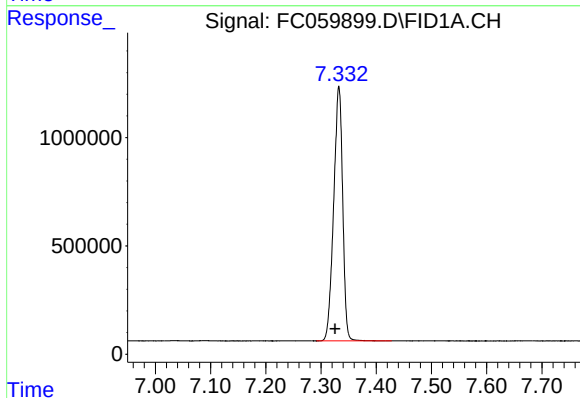
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.185 min
Delta R.T.: 0.004 min
Response: 14851561
Conc: 100.34 ug/ml

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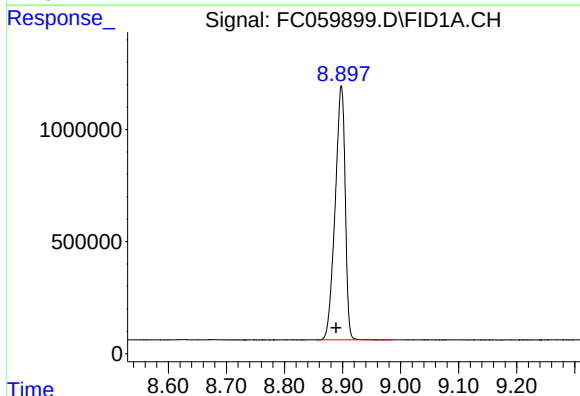
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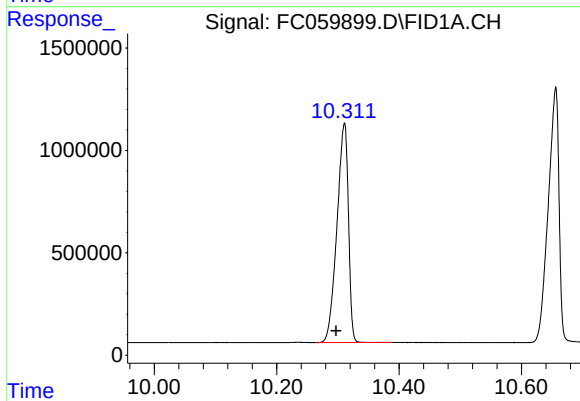
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.007 min
Response: 13332525
Conc: 99.27 ug/ml



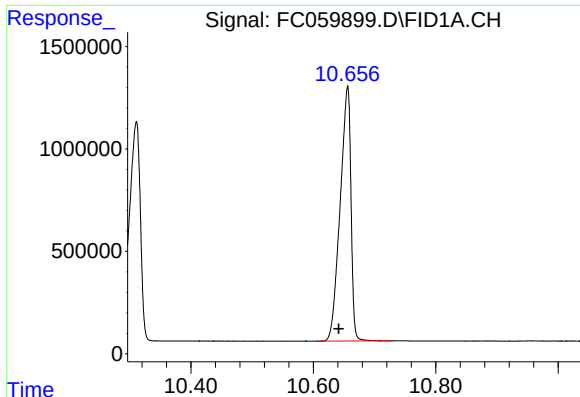
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: 0.009 min
Response: 13651777
Conc: 98.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: 0.013 min
Response: 13910834
Conc: 98.20 ug/ml



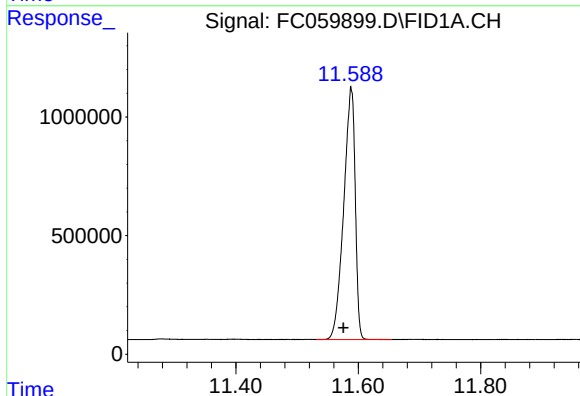
#9 ortho-Terphenyl (SURR)

R.T.: 10.655 min
Delta R.T.: 0.014 min
Response: 15242735
Conc: 98.15 ug/ml

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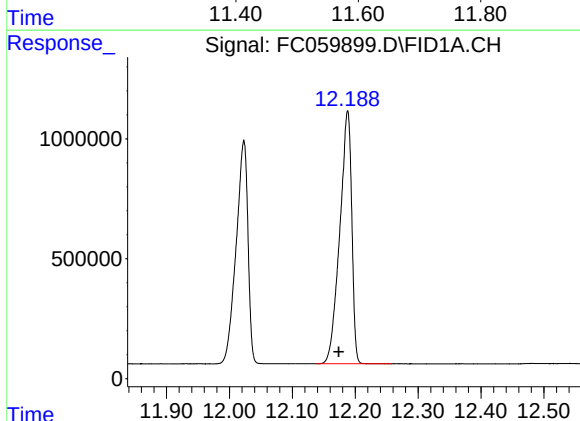
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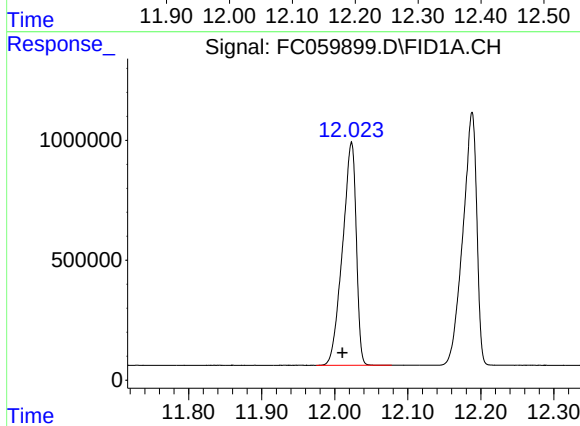
#10 n-Eicosane (C20)

R.T.: 11.588 min
Delta R.T.: 0.012 min
Response: 13885873
Conc: 97.71 ug/ml



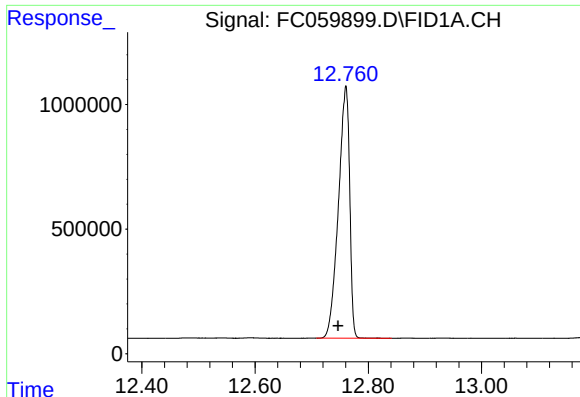
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: 0.014 min
Response: 13943805
Conc: 97.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: 0.012 min
Response: 12151134
Conc: 97.59 ug/ml



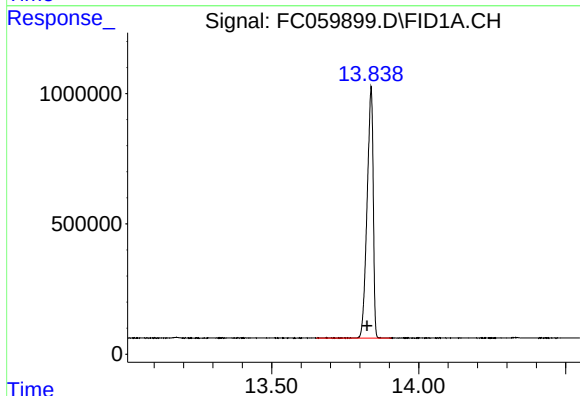
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.013 min
Response: 13942034
Conc: 96.85 ug/ml

Instrument :
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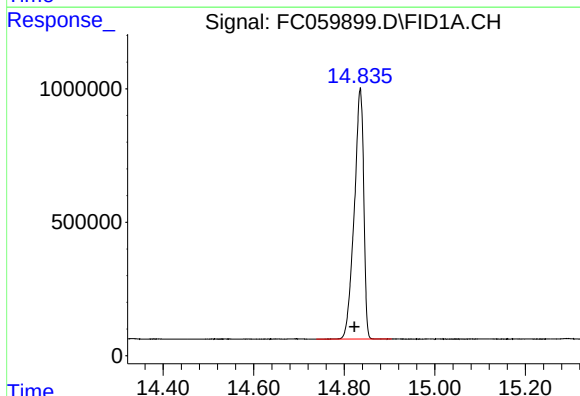
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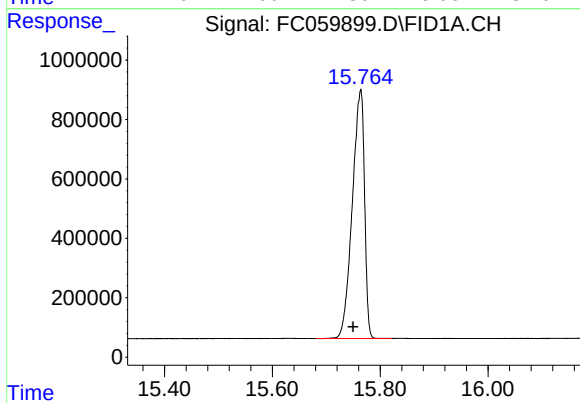
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: 0.013 min
Response: 13881069
Conc: 96.34 ug/ml



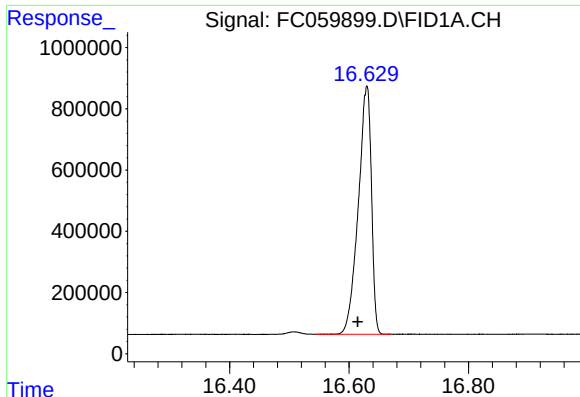
#15 n-Hexacosane (C26)

R.T.: 14.835 min
Delta R.T.: 0.012 min
Response: 13602148
Conc: 95.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: 0.013 min
Response: 13159493
Conc: 94.77 ug/ml



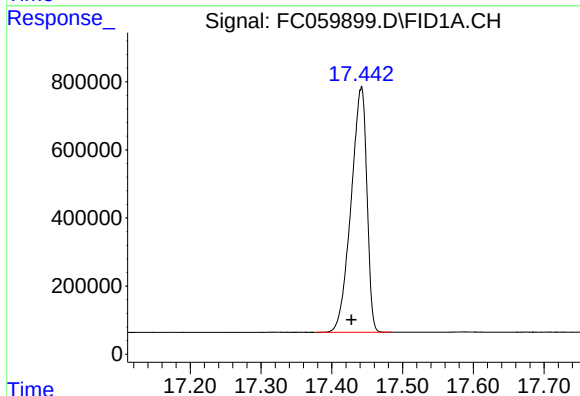
#17 n-Tricontane (C30)

R.T.: 16.629 min
Delta R.T.: 0.014 min
Response: 12407232
Conc: 93.92 ug/ml

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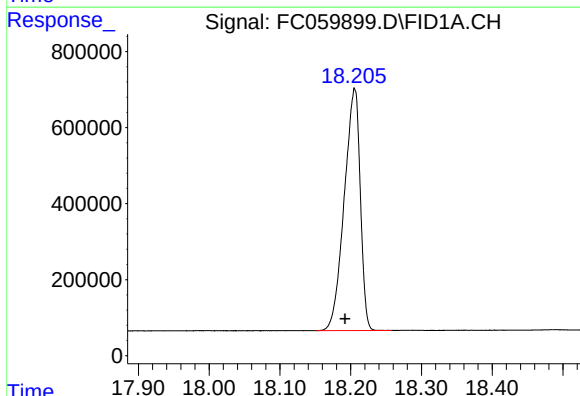
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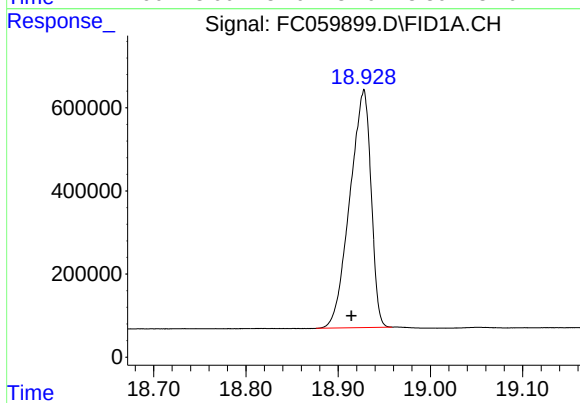
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: 0.014 min
Response: 11183537
Conc: 93.46 ug/ml



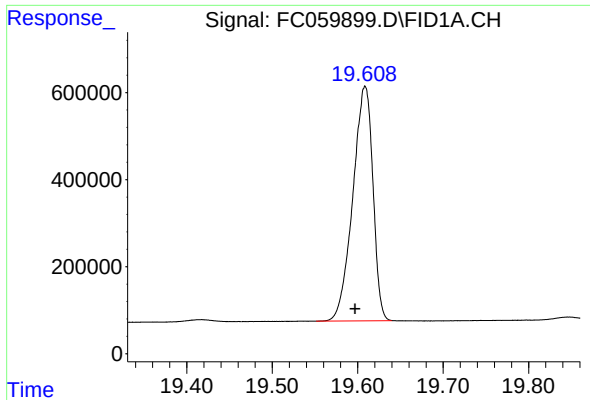
#19 n-Tetratriacontane (C34)

R.T.: 18.205 min
Delta R.T.: 0.013 min
Response: 10014956
Conc: 94.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.928 min
Delta R.T.: 0.014 min
Response: 9111220
Conc: 95.61 ug/ml m



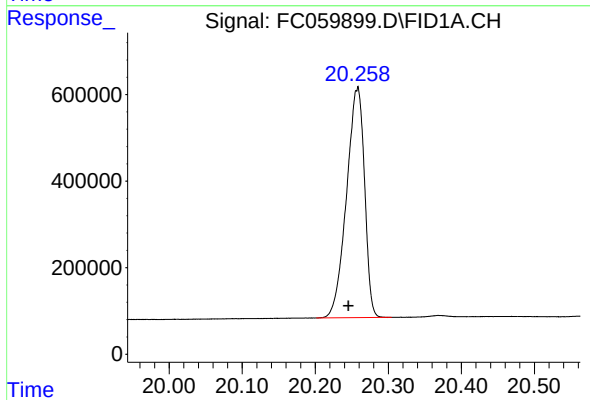
#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: 0.011 min
Response: 8803894
Conc: 95.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: 0.012 min
Response: 9105556
Conc: 96.51 ug/ml