

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072822AL\
 Data File : FC060887.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2022 23:31
 Operator : YP/AJ
 Sample : N3942-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-11977MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 29 03:31:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.637	6034241	36.770 ug/ml
Spiked Amount 50.000		Recovery =	73.54%
12) S 1-chlorooctadecane (S...	12.002	5093111	38.365 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T n-Nonane (C9)	2.623	4076872	28.947 ug/ml
2) T n-Decane (C10)	3.619	4449964	31.545 ug/ml
3) T A~Naphthalene (C11.7)	5.157	5696327	40.074 ug/ml
4) T n-Dodecane (C12)	5.567	5184722	34.981 ug/ml
5) T A~2-methylnaphthalene...	6.181	5765818	42.040 ug/ml
6) T n-Tetradecane (C14)	7.319	5515286	36.736 ug/ml
7) T n-Hexadecane (C16)	8.881	5937335	38.797 ug/ml
8) T n-Octadecane (C18)	10.289	6357811	40.715 ug/ml
10) T n-Eicosane (C20)	11.568	6256584	39.868 ug/ml
11) T n-Heneicosane (C21)	12.165	6067021	38.775 ug/ml
13) T n-Docosane (C22)	12.738	5939402	38.093 ug/ml
14) T n-Tetracosane (C24)	13.817	11205190	73.395 ug/ml
15) T n-Hexacosane (C26)	14.815	5476432	36.688 ug/ml
16) T n-Octacosane (C28)	15.738	6287279	43.877 ug/ml
17) T n-Tricontane (C30)	16.608	5169944	36.928 ug/ml
18) T n-Dotriacontane (C32)	17.418	5238921	38.818 ug/ml
19) T n-Tetratriacontane (C34)	18.182	4565570	36.403 ug/ml
20) T n-Hexatriacontane (C36)	18.901	4310379	35.263 ug/ml
21) T n-Octatriacontane (C38)	19.585	3964733	33.592 ug/mlm
22) T n-Tetracontane (C40)	20.230	3948024	34.302 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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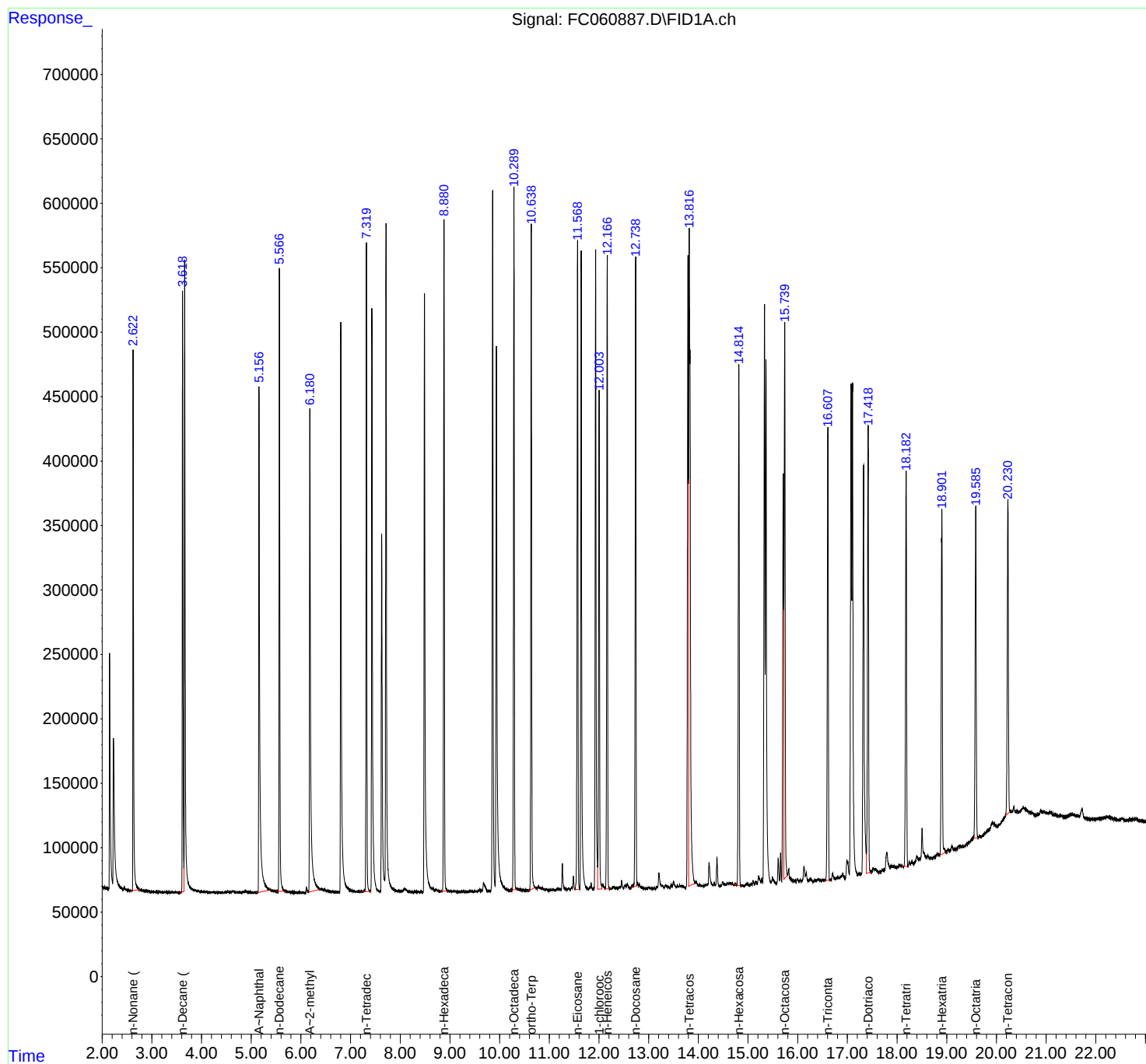
Instrument :
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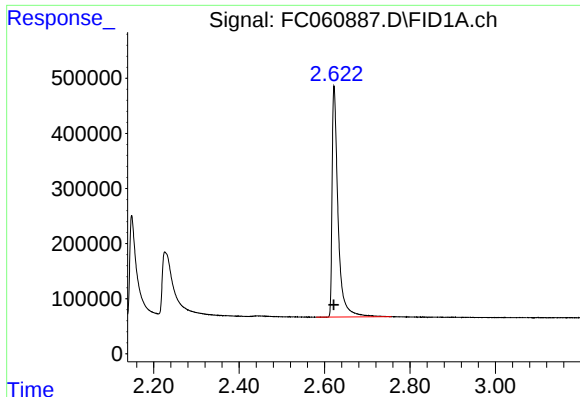
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#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: 0.001 min
Response: 4076872
Conc: 28.95 ug/ml

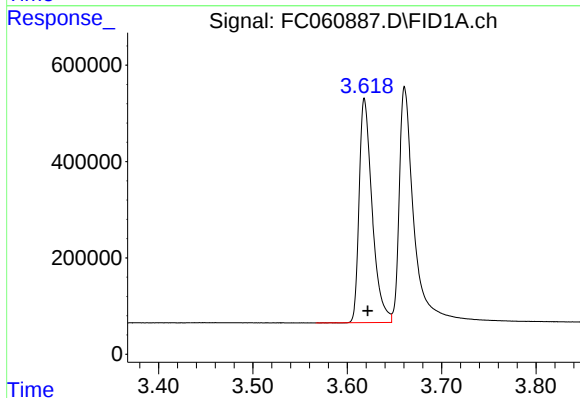
Instrument :

FID_C

ClientSampleId :
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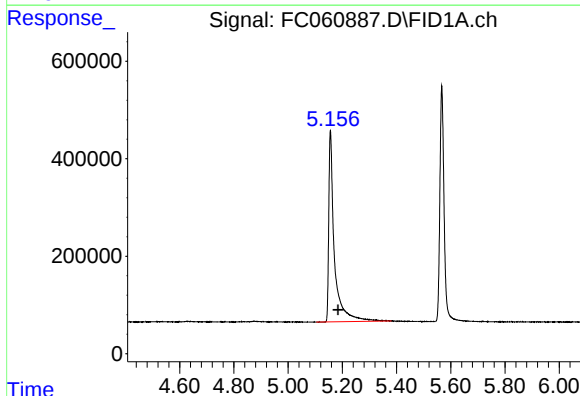
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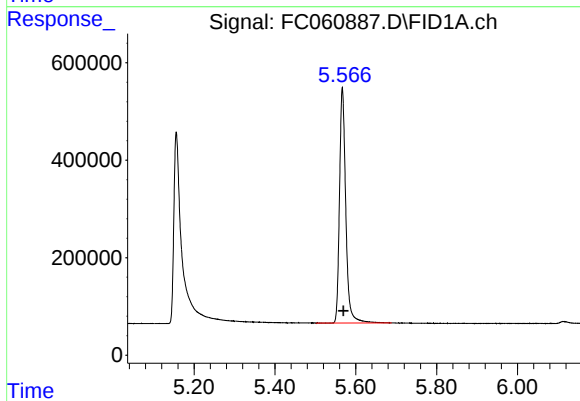
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 4449964
Conc: 31.55 ug/ml



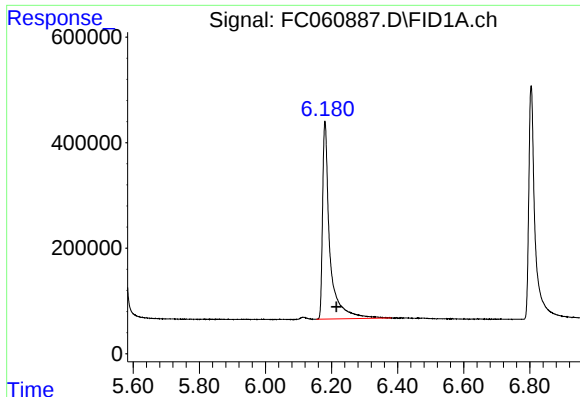
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.028 min
Response: 5696327
Conc: 40.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 5184722
Conc: 34.98 ug/ml



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

R.T.: 6.181 min
Delta R.T.: -0.034 min
Response: 5765818
Conc: 42.04 ug/ml

Instrument :

FID_C

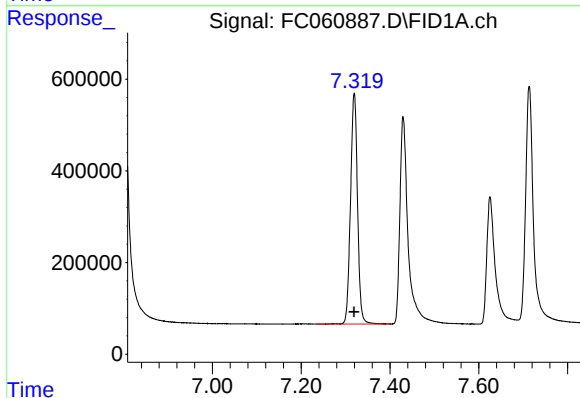
ClientSampleId :

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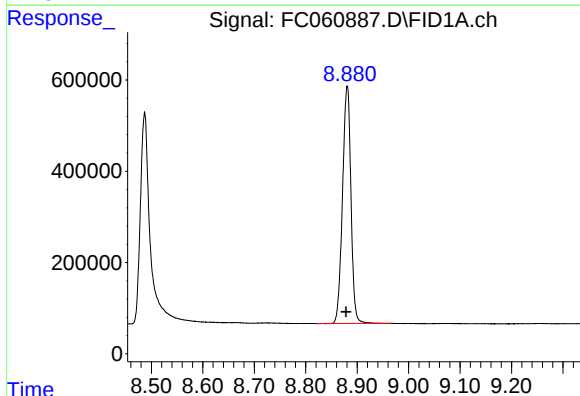
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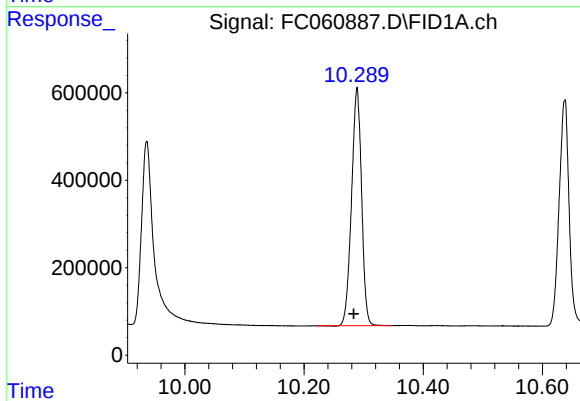
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 5515286
Conc: 36.74 ug/ml



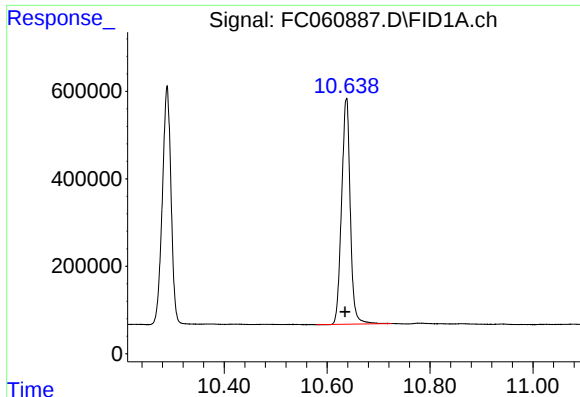
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 5937335
Conc: 38.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.289 min
Delta R.T.: 0.005 min
Response: 6357811
Conc: 40.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.003 min
Response: 6034241
Conc: 36.77 ug/ml

Instrument :

FID_C

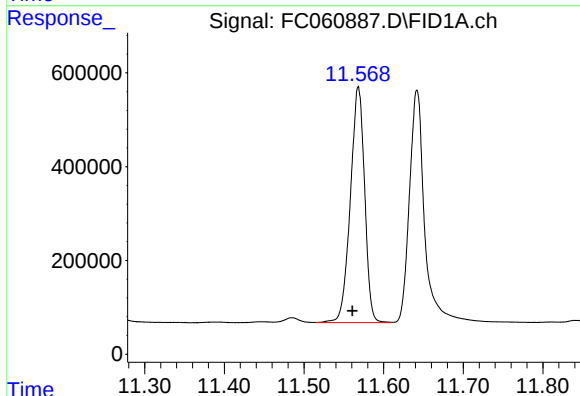
ClientSampleId :

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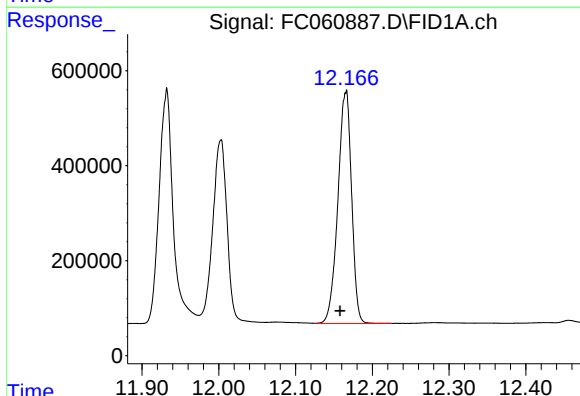
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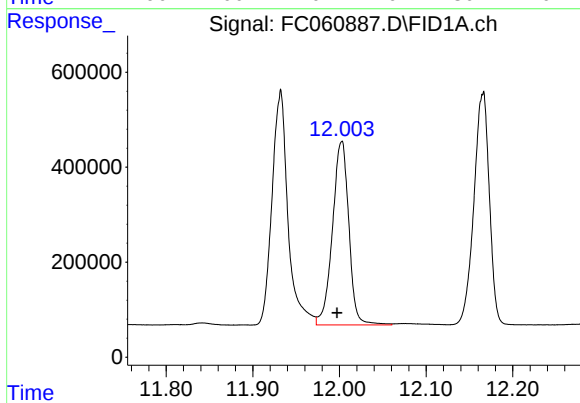
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: 0.007 min
Response: 6256584
Conc: 39.87 ug/ml



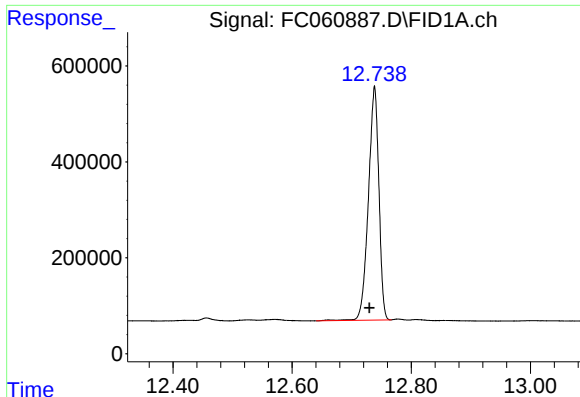
#11 n-Heneicosane (C21)

R.T.: 12.165 min
Delta R.T.: 0.007 min
Response: 6067021
Conc: 38.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.002 min
Delta R.T.: 0.005 min
Response: 5093111
Conc: 38.36 ug/ml



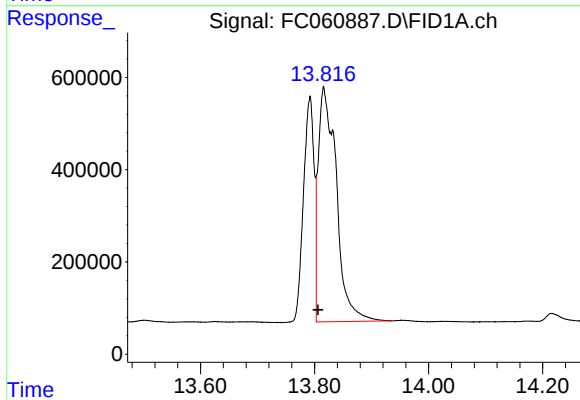
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: 0.008 min
Response: 5939402
Conc: 38.09 ug/ml

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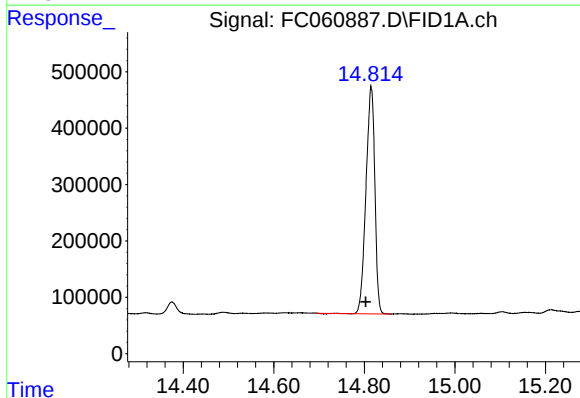
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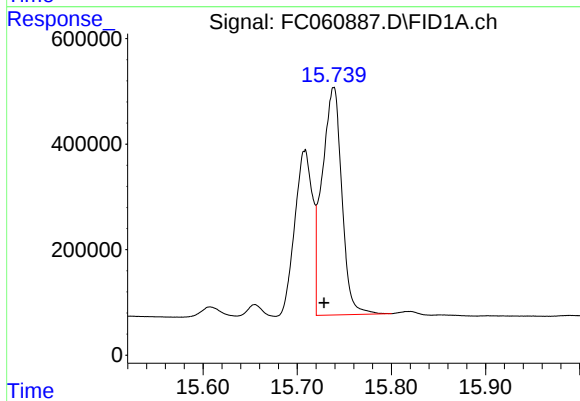
#14 n-Tetracosane (C24)

R.T.: 13.817 min
Delta R.T.: 0.010 min
Response: 11205190
Conc: 73.40 ug/ml



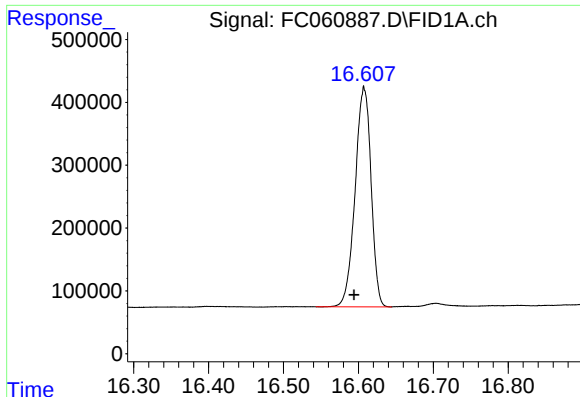
#15 n-Hexacosane (C26)

R.T.: 14.815 min
Delta R.T.: 0.012 min
Response: 5476432
Conc: 36.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.738 min
Delta R.T.: 0.010 min
Response: 6287279
Conc: 43.88 ug/ml



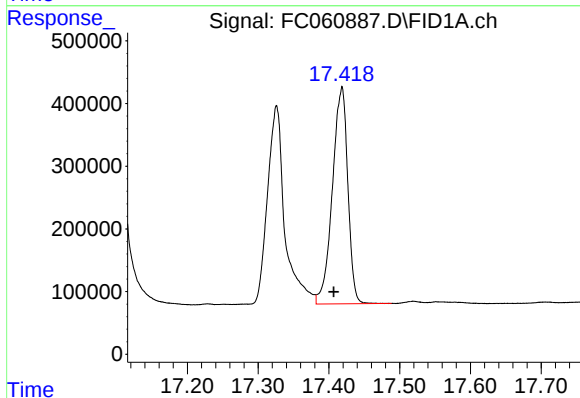
#17 n-Tricontane (C30)

R.T.: 16.608 min
Delta R.T.: 0.013 min
Response: 5169944
Conc: 36.93 ug/ml

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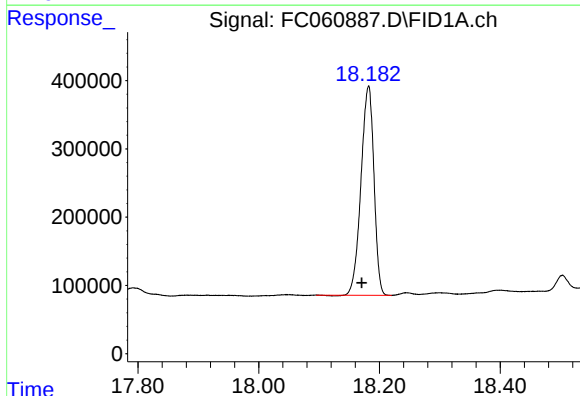
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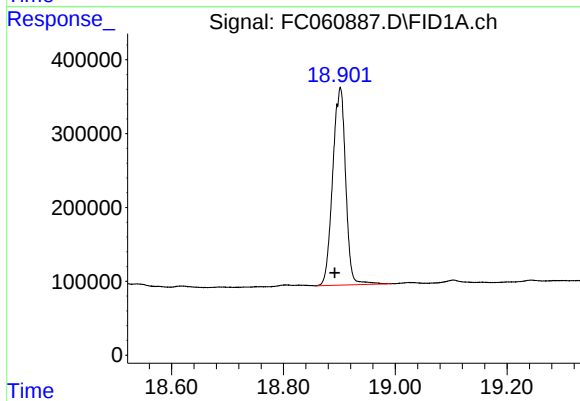
#18 n-Dotriacontane (C32)

R.T.: 17.418 min
Delta R.T.: 0.011 min
Response: 5238921
Conc: 38.82 ug/ml



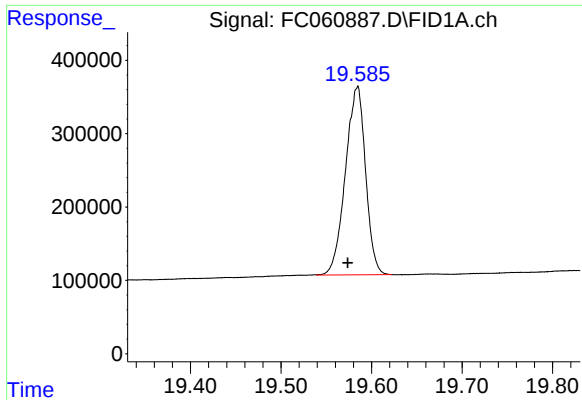
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min
Delta R.T.: 0.011 min
Response: 4565570
Conc: 36.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.901 min
Delta R.T.: 0.009 min
Response: 4310379
Conc: 35.26 ug/ml



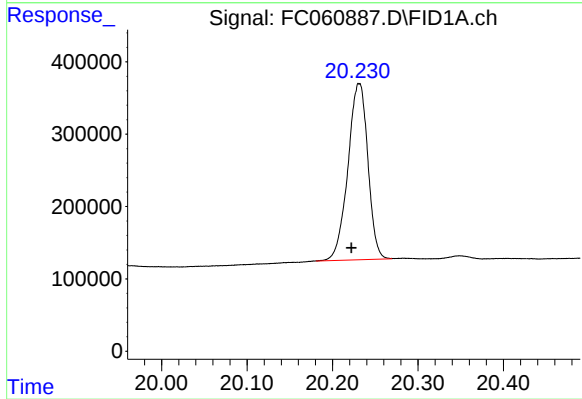
#21 n-Octatriacontane (C38)

R.T.: 19.585 min
Delta R.T.: 0.011 min
Response: 3964733
Conc: 33.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.230 min
Delta R.T.: 0.008 min
Response: 3948024
Conc: 34.30 ug/ml m