

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080222AL\
 Data File : FC060952.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2022 14:17
 Operator : YP/AJ
 Sample : PB146626BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146626BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 06:17:04 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)	10.634	7833248	47.732 ug/ml
Spiked Amount 50.000		Recovery =	95.46%
12) S 1-chlorooctadecane (S...	11.998	6790251	51.149 ug/ml
Spiked Amount 50.000		Recovery =	102.30%
Target Compounds			
1) T n-Nonane (C9)	2.636	6357921	45.143 ug/ml
2) T n-Decane (C10)	3.623	6377684	45.211 ug/ml
3) T A~Naphthalene (C11.7)	5.155	7933584	55.813 ug/ml
4) T n-Dodecane (C12)	5.565	7173103	48.396 ug/ml
5) T A~2-methylnaphthalene...	6.178	8028147	58.535 ug/ml
6) T n-Tetradecane (C14)	7.317	7774533	51.784 ug/ml
7) T n-Hexadecane (C16)	8.877	8371924	54.706 ug/ml
8) T n-Octadecane (C18)	10.286	8891219	56.939 ug/ml
10) T n-Eicosane (C20)	11.565	8598396	54.791 ug/ml
11) T n-Heneicosane (C21)	12.161	8468029	54.119 ug/ml
13) T n-Docosane (C22)	12.733	8304962	53.265 ug/ml
14) T n-Tetracosane (C24)	13.812	14810413	97.010 ug/ml
15) T n-Hexacosane (C26)	14.808	7552563	50.596 ug/ml
16) T n-Octacosane (C28)	15.729	9271793	64.705 ug/mlm
17) T n-Tricontane (C30)	16.600	6893588	49.239 ug/ml
18) T n-Dotriacontane (C32)	17.407	7076130	52.431 ug/ml
19) T n-Tetratriacontane (C34)	18.170	5733620	45.716 ug/ml
20) T n-Hexatriacontane (C36)	18.891	5021906	41.084 ug/ml
21) T n-Octatriacontane (C38)	19.573	4590451	38.894 ug/ml
22) T n-Tetracontane (C40)	20.221	4425574	38.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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ALS Vial : 6 Sample Multiplier: 1

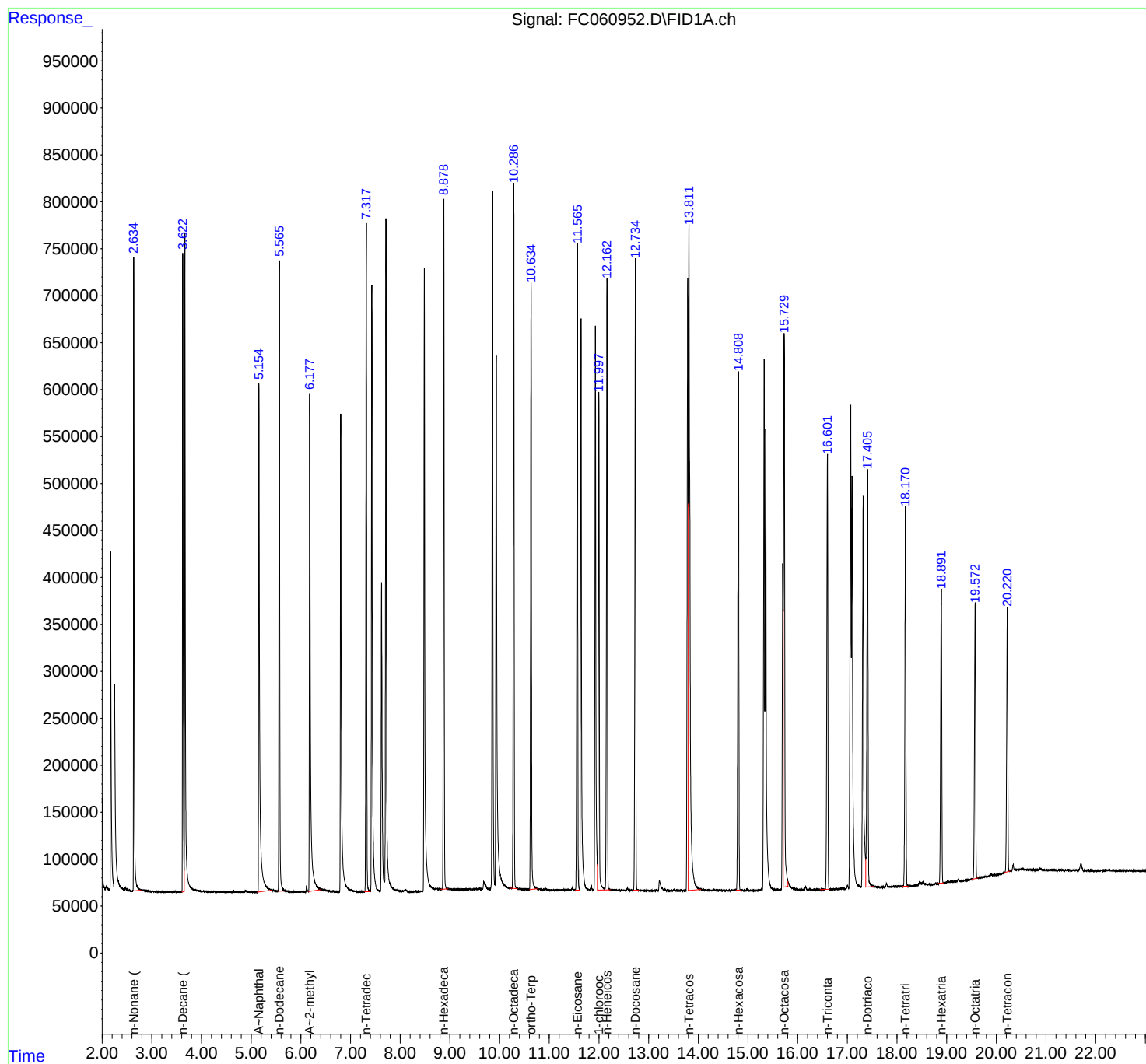
Instrument :
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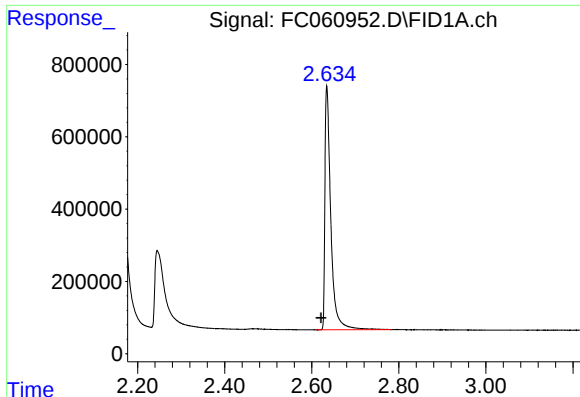
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#1 n-Nonane (C9)

R.T.: 2.636 min
Delta R.T.: 0.014 min
Response: 6357921
Conc: 45.14 ug/ml

Instrument :

FID_C

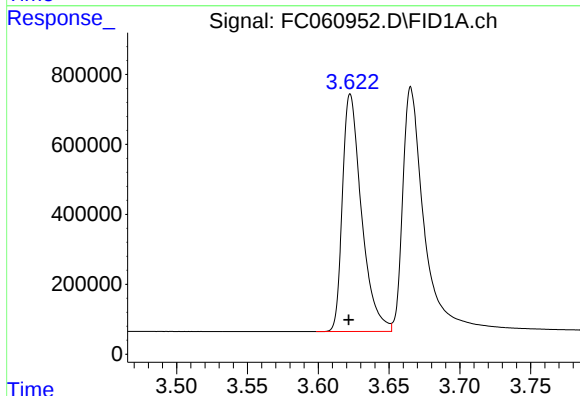
ClientSampleId :

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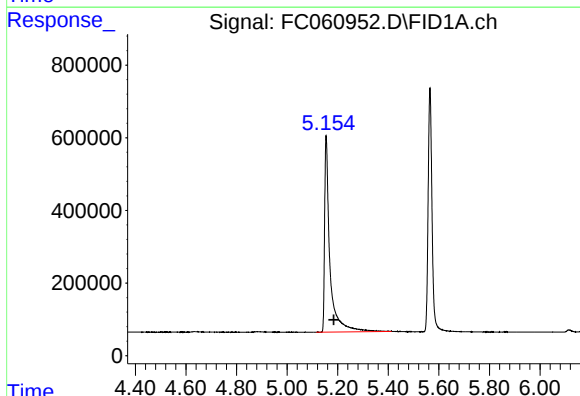
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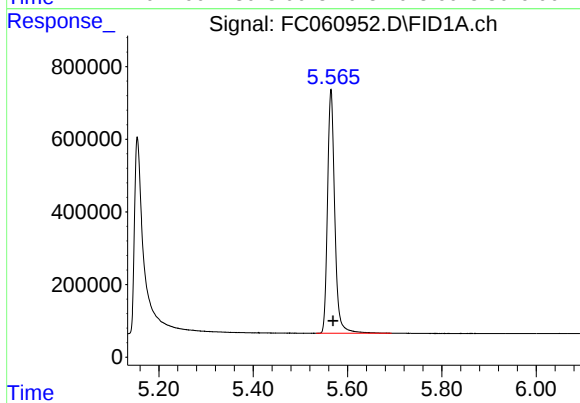
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: 0.002 min
Response: 6377684
Conc: 45.21 ug/ml



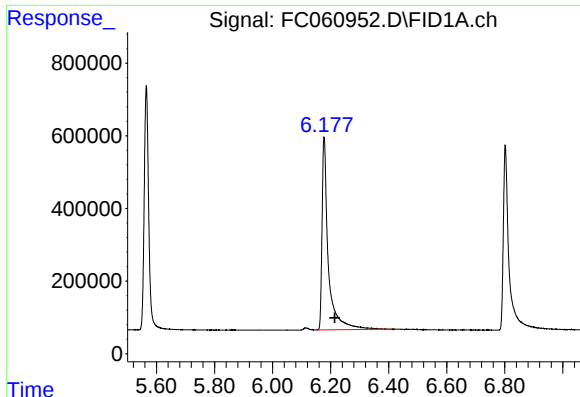
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: -0.030 min
Response: 7933584
Conc: 55.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 7173103
Conc: 48.40 ug/ml



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

R.T.: 6.178 min
Delta R.T.: -0.037 min
Response: 8028147
Conc: 58.54 ug/ml

Instrument :

FID_C

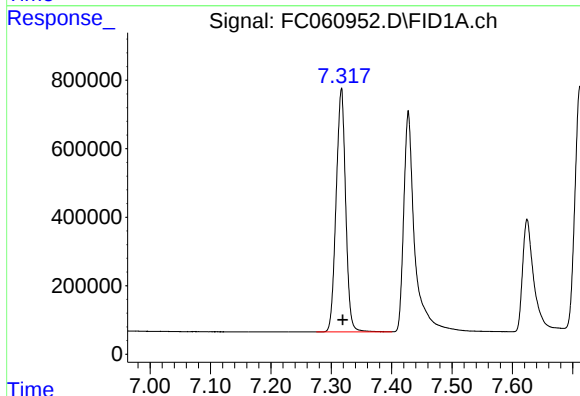
ClientSampleId :

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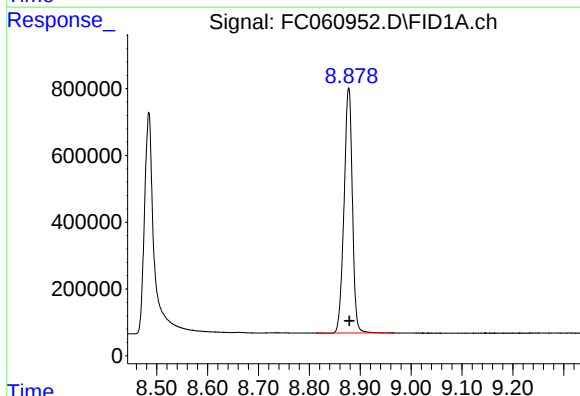
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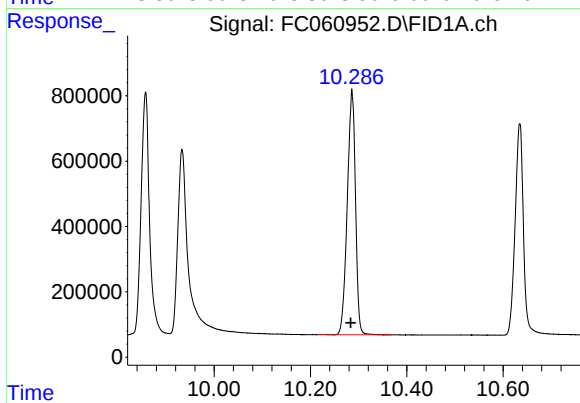
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.003 min
Response: 7774533
Conc: 51.78 ug/ml



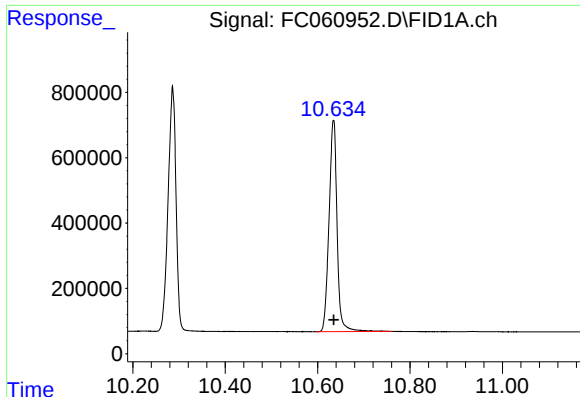
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 8371924
Conc: 54.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 8891219
Conc: 56.94 ug/ml



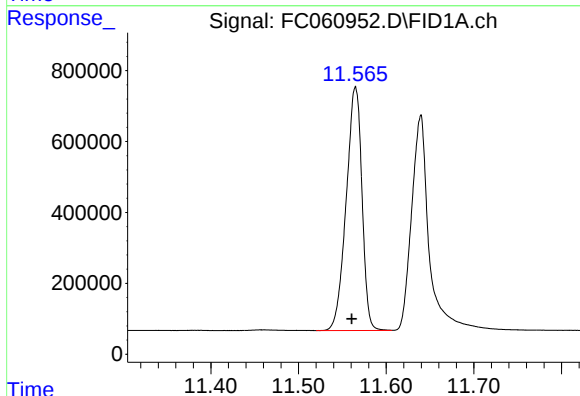
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 7833248
Conc: 47.73 ug/ml

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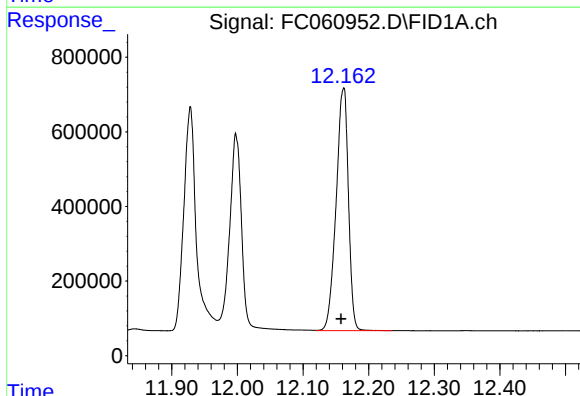
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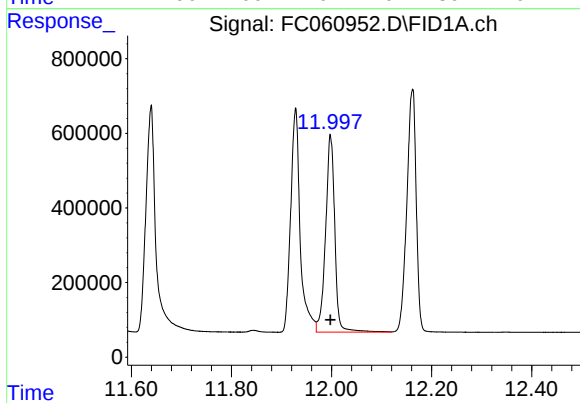
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: 0.004 min
Response: 8598396
Conc: 54.79 ug/ml



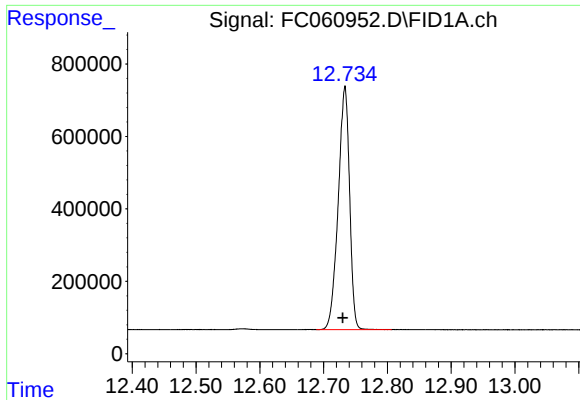
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 8468029
Conc: 54.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 6790251
Conc: 51.15 ug/ml



#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: 0.003 min
Response: 8304962
Conc: 53.27 ug/ml

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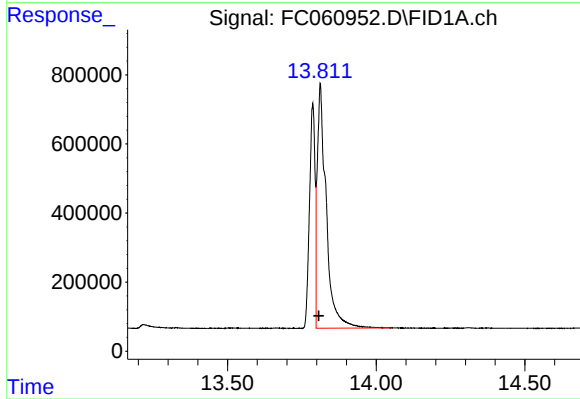
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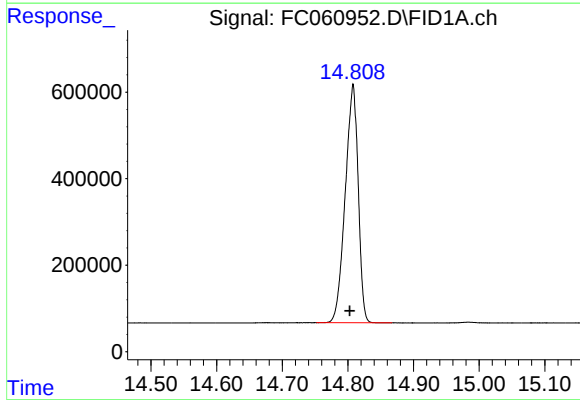
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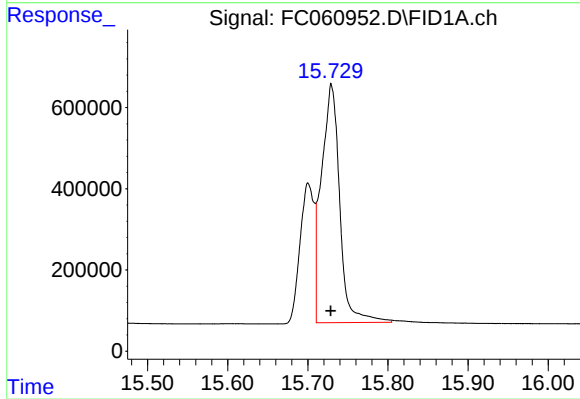
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: 0.006 min
Response: 14810413
Conc: 97.01 ug/ml



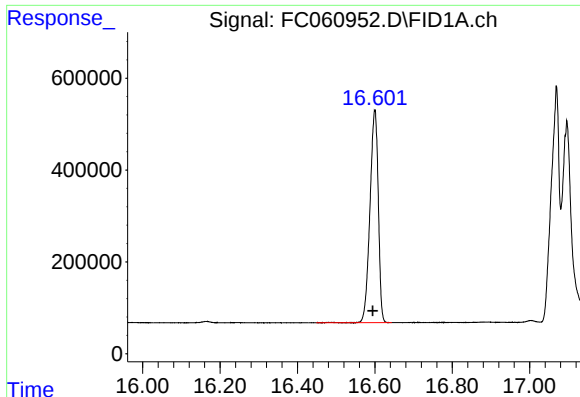
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: 0.005 min
Response: 7552563
Conc: 50.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 9271793
Conc: 64.71 ug/ml m



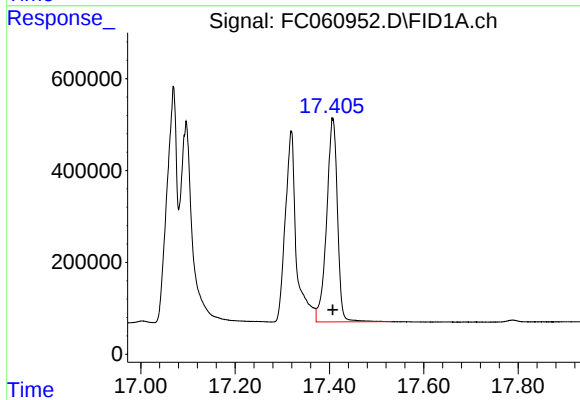
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: 0.005 min
Response: 6893588
Conc: 49.24 ug/ml

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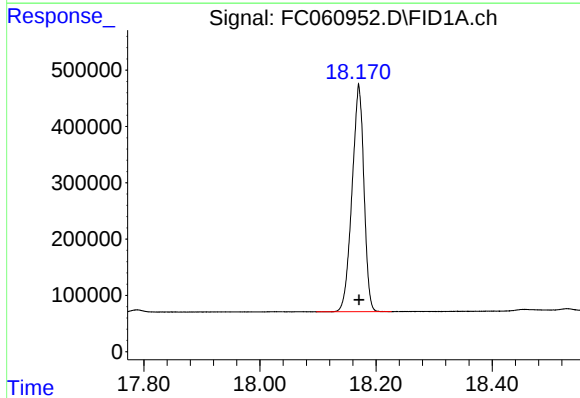
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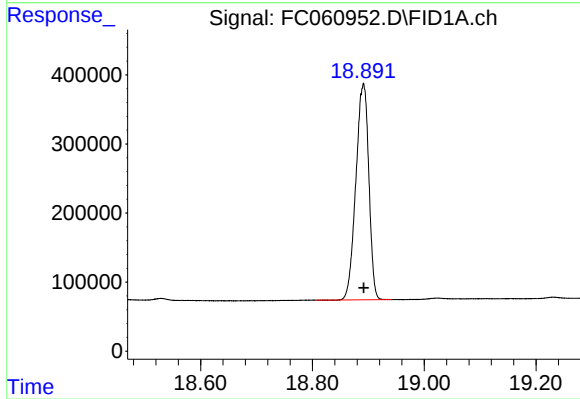
#18 n-Dotriacontane (C32)

R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 7076130
Conc: 52.43 ug/ml



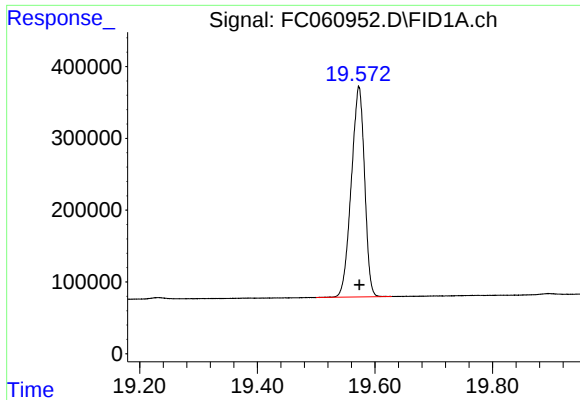
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: 0.000 min
Response: 5733620
Conc: 45.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.891 min
Delta R.T.: 0.000 min
Response: 5021906
Conc: 41.08 ug/ml



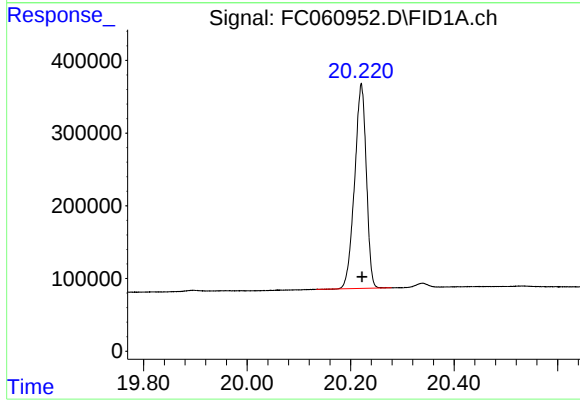
#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: -0.001 min
Response: 4590451
Conc: 38.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.221 min
Delta R.T.: -0.001 min
Response: 4425574
Conc: 38.45 ug/ml