

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067209.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 19:59
 Operator : YP/AJ
 Sample : P4104-19MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-14-7.5-10B-EPH-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 03:19:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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			
12) S 1-chlorooctadecane (S...	12.943	3831998	39.228 ug/ml
Spiked Amount 50.000		Recovery =	78.46%
Target Compounds			
1) T n-Nonane (C9)	3.278	3411838	25.721 ug/ml
2) T n-Decane (C10)	4.342	4171227	31.057 ug/ml
4) T n-Dodecane (C12)	6.359	4559713	34.064 ug/ml
6) T n-Tetradecane (C14)	8.153	5096694	39.547 ug/ml
7) T n-Hexadecane (C16)	9.753	5546287	43.019 ug/ml
8) T n-Octadecane (C18)	11.193	5704665	44.588 ug/ml
10) T n-Eicosane (C20)	12.502	5652279	47.058 ug/ml
11) T n-Heneicosane (C21)	13.113	5397283	46.212 ug/ml
13) T n-Docosane (C22)	13.698	5310501	45.994 ug/ml
14) T n-Tetracosane (C24)	14.800	5180105	45.615 ug/ml
15) T n-Hexacosane (C26)	15.819	5052068	45.584 ug/ml
16) T n-Octacosane (C28)	16.768	4929083	45.631 ug/ml
17) T n-Tricontane (C30)	17.655	4942730	45.440 ug/ml
18) T n-Dotriacontane (C32)	18.486	4915557	47.126 ug/mlm
19) T n-Tetratriacontane (C34)	19.268	4788734	51.906 ug/ml
20) T n-Hexatriacontane (C36)	20.007	4540916	57.300 ug/ml
21) T n-Octatriacontane (C38)	20.732	4333174	57.687 ug/ml
22) T n-Tetracontane (C40)	21.623	3804854	54.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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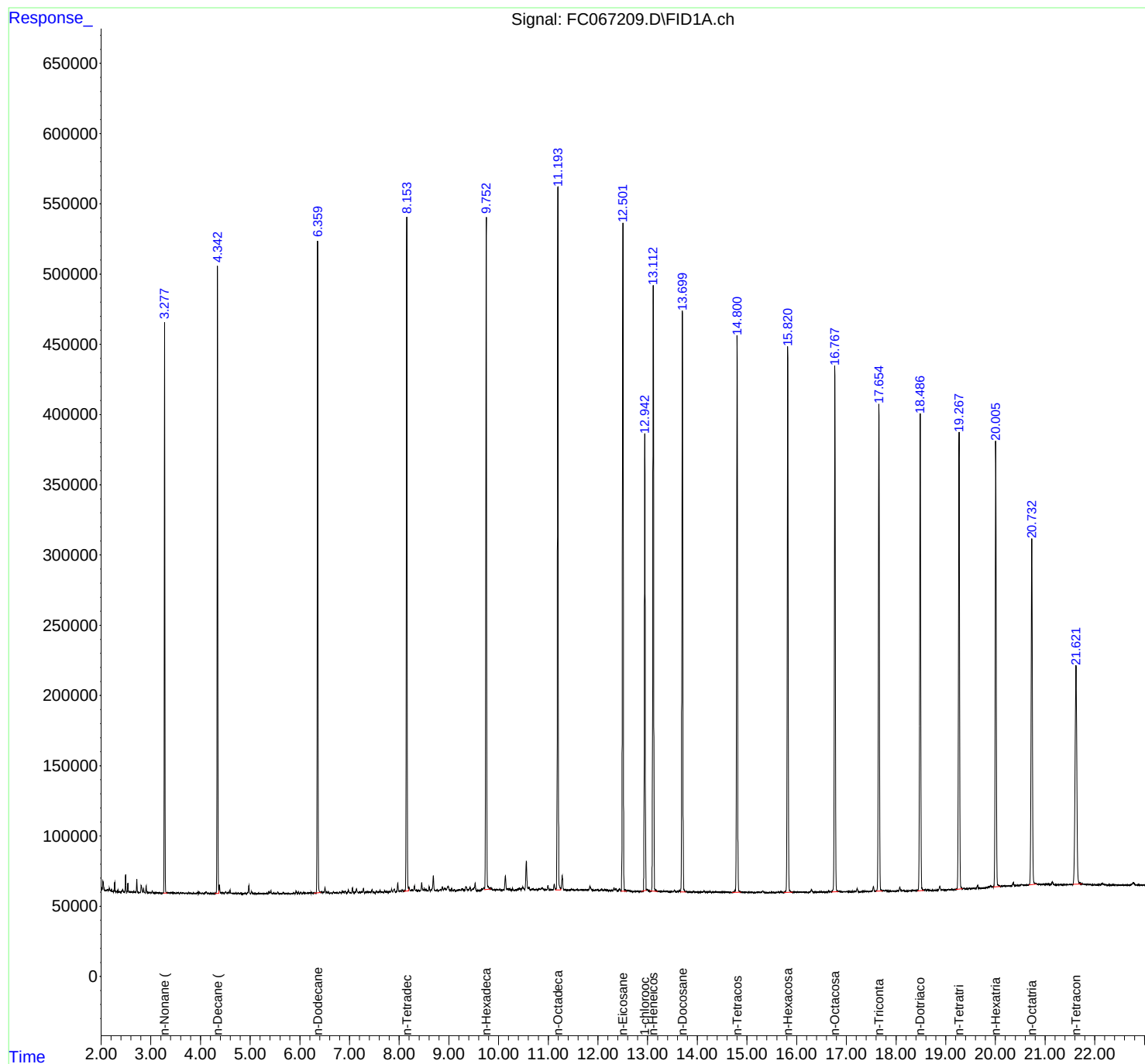
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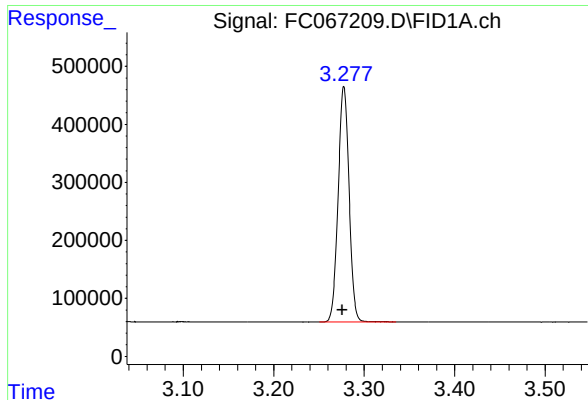
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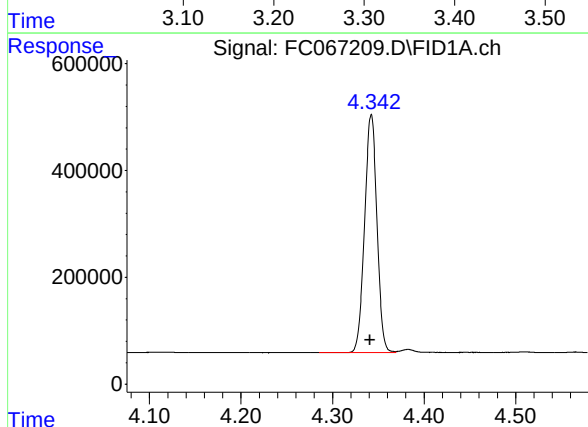
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3411838
Conc: 25.72 ug/ml

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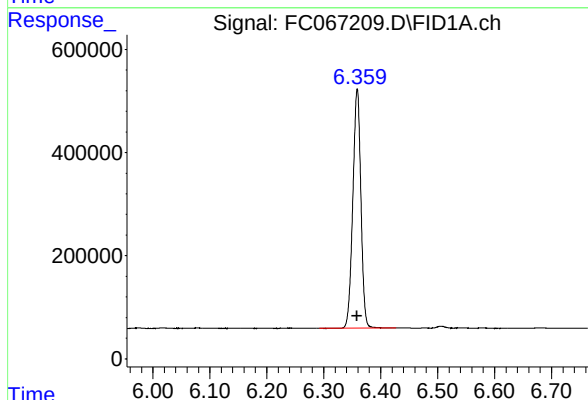
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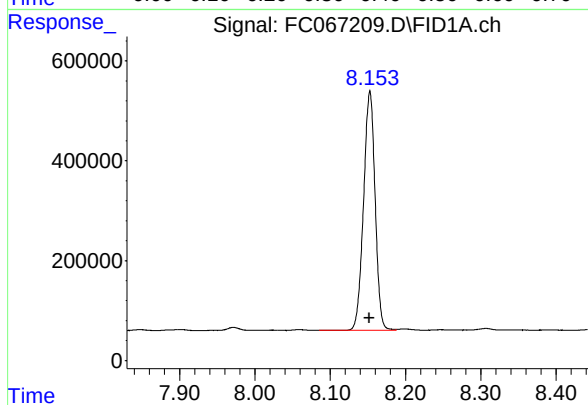
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 4171227
Conc: 31.06 ug/ml



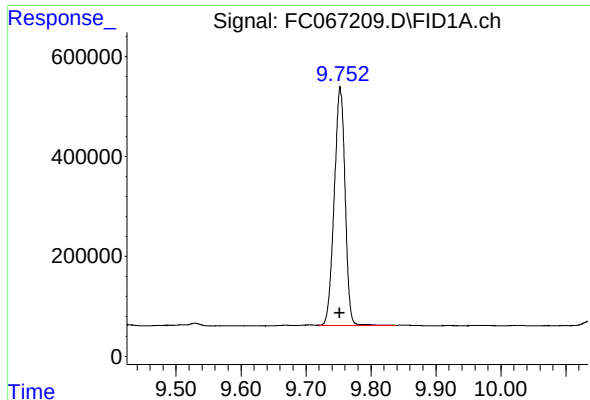
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 4559713
Conc: 34.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5096694
Conc: 39.55 ug/ml



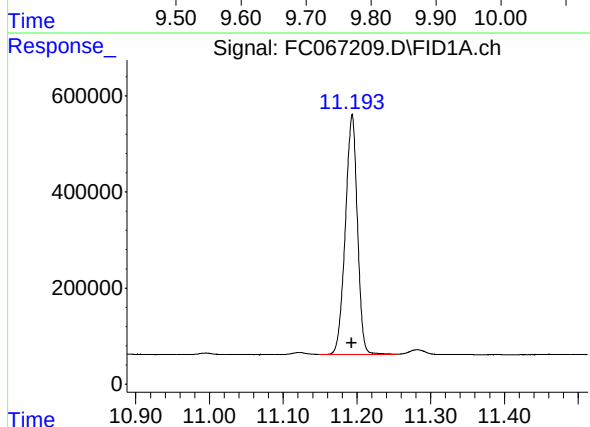
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 5546287
Conc: 43.02 ug/ml

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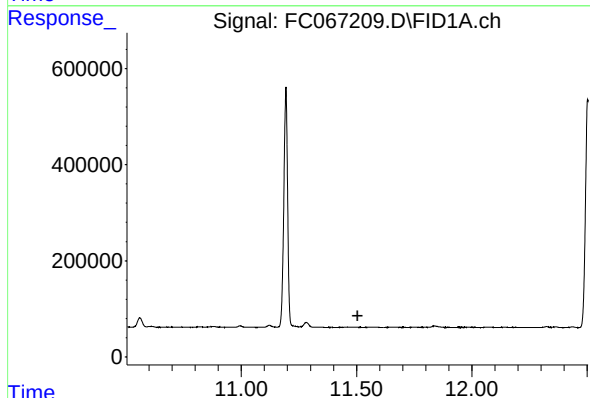
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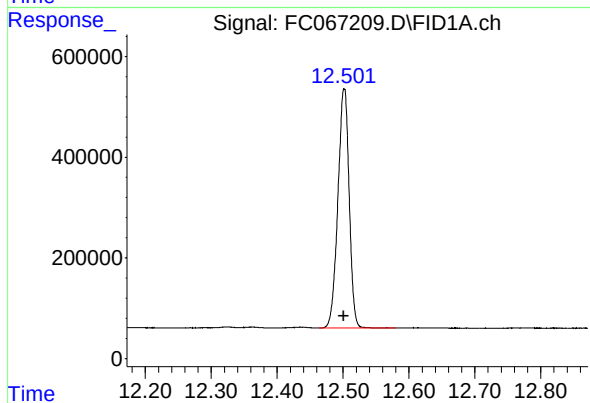
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 5704665
Conc: 44.59 ug/ml



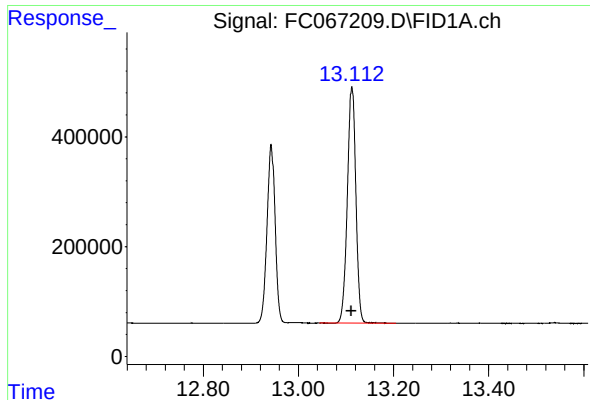
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.000 min
Response: 5652279
Conc: 47.06 ug/ml



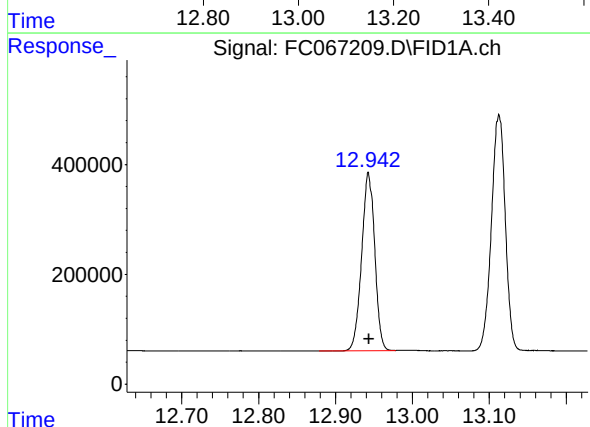
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 5397283
Conc: 46.21 ug/ml

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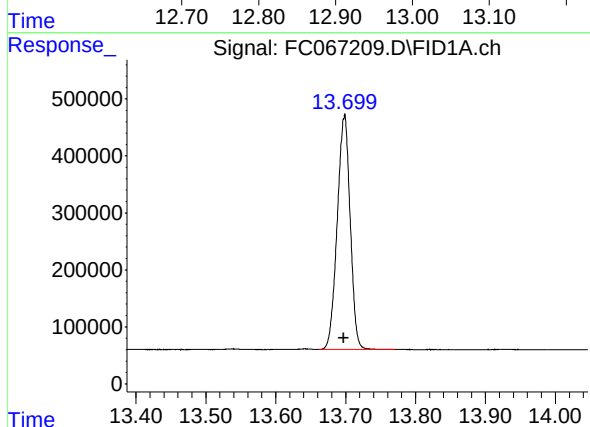
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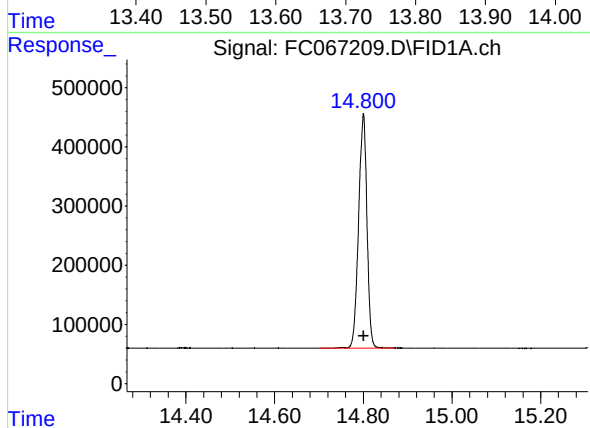
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 3831998
Conc: 39.23 ug/ml



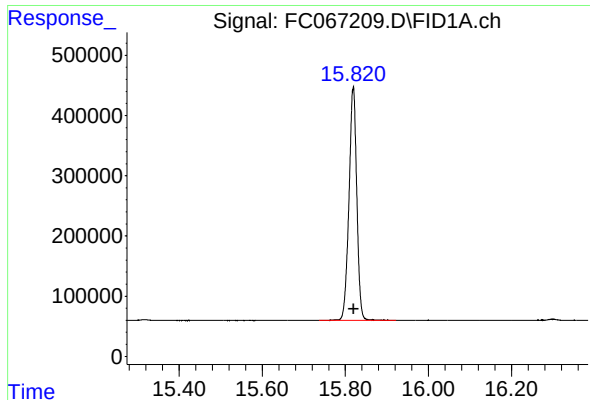
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.001 min
Response: 5310501
Conc: 45.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 5180105
Conc: 45.61 ug/ml



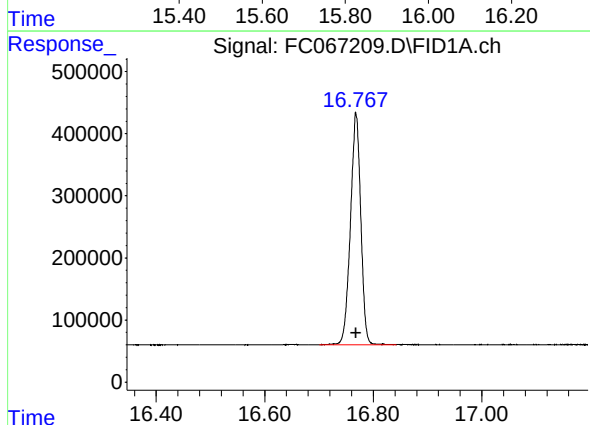
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 5052068
Conc: 45.58 ug/ml

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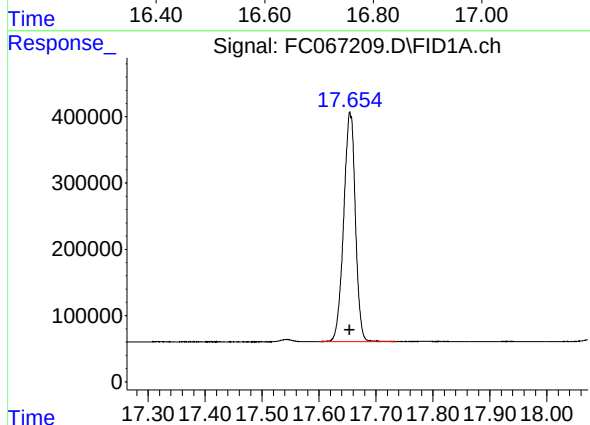
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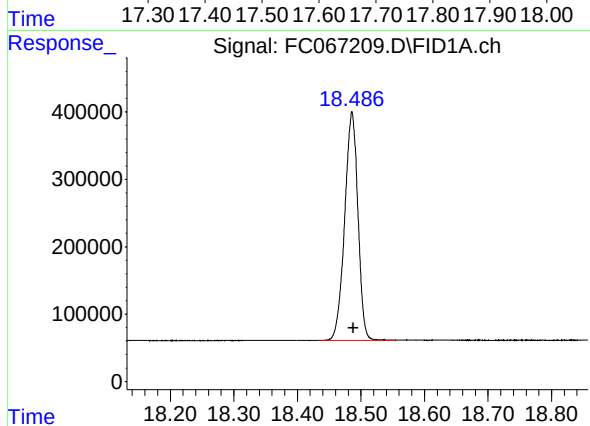
#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 4929083
Conc: 45.63 ug/ml



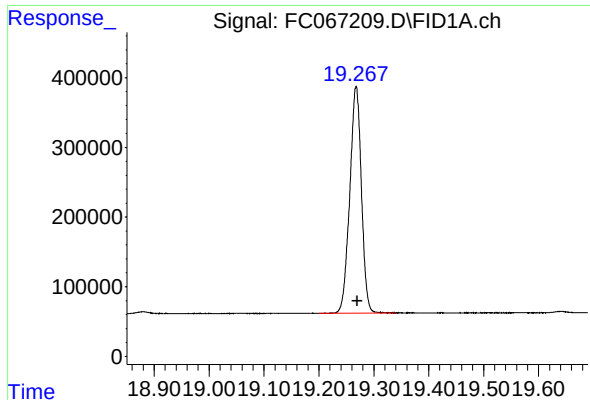
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 4942730
Conc: 45.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.003 min
Response: 4915557
Conc: 47.13 ug/ml m



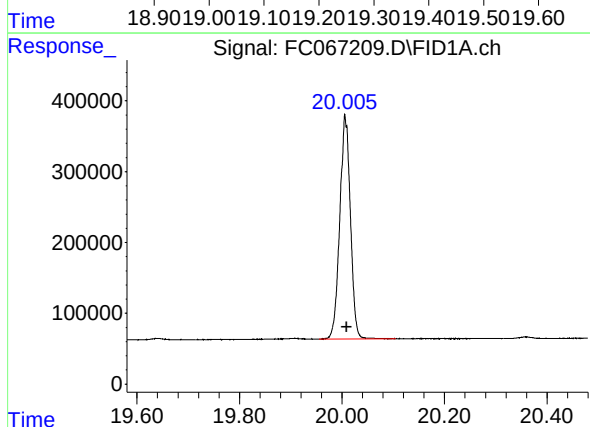
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.002 min
Response: 4788734
Conc: 51.91 ug/ml

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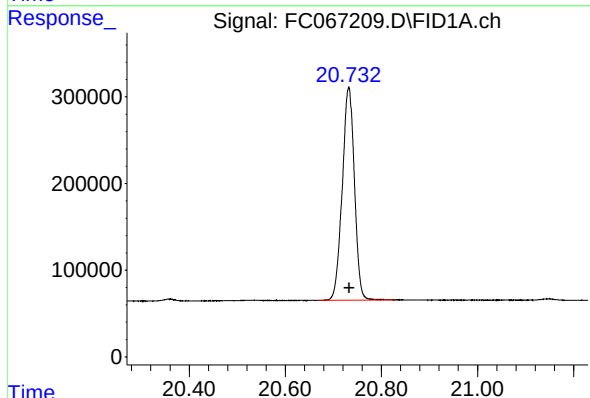
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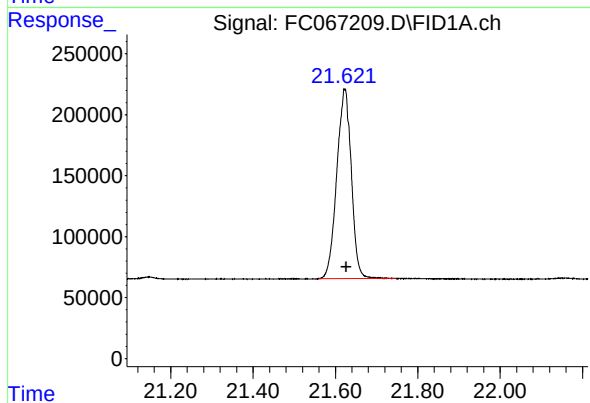
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.002 min
Response: 4540916
Conc: 57.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.001 min
Response: 4333174
Conc: 57.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.004 min
Response: 3804854
Conc: 54.46 ug/ml