

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103024AL\
 Data File : FC067582.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 03:09
 Operator : YP/AJ
 Sample : P4598-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BP-F12MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 00:21:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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			
9) S ortho-Terphenyl (SURR)	11.495	5243328	35.734 ug/ml
Spiked Amount 50.000		Recovery =	71.47%
12) S 1-chlorooctadecane (S...	12.932	4217269	39.053 ug/ml
Spiked Amount 50.000		Recovery =	78.11%
Target Compounds			
1) T n-Nonane (C9)	3.277	3686787	27.366 ug/ml
2) T n-Decane (C10)	4.340	4239772	31.119 ug/ml
3) T A~Naphthalene (C11.7)	5.916	4820094	32.527 ug/ml
4) T n-Dodecane (C12)	6.354	4530049	33.446 ug/ml
5) T A~2-methylnaphthalene...	6.971	4544667	32.181 ug/ml
6) T n-Tetradecane (C14)	8.147	4650254	35.428 ug/ml
7) T n-Hexadecane (C16)	9.744	4847662	36.696 ug/ml
8) T n-Octadecane (C18)	11.183	5089956	38.527 ug/ml
10) T n-Eicosane (C20)	12.491	5252661	41.629 ug/ml
11) T n-Heneicosane (C21)	13.101	5075278	41.124 ug/ml
13) T n-Docosane (C22)	13.686	5059330	41.318 ug/ml
14) T n-Tetracosane (C24)	14.755	10130325	83.577 ug/mlm
15) T n-Hexacosane (C26)	15.808	4936251	41.462 ug/ml
16) T n-Octacosane (C28)	16.754	4862655	41.333 ug/ml
17) T n-Tricontane (C30)	17.642	4929820	40.786 ug/ml
18) T n-Dotriacontane (C32)	18.472	4898768	41.403 ug/ml
19) T n-Tetratriacontane (C34)	19.254	4898319	46.772 ug/ml
20) T n-Hexatriacontane (C36)	19.991	4740537	52.078 ug/ml
21) T n-Octatriacontane (C38)	20.714	4773843	55.124 ug/ml
22) T n-Tetracontane (C40)	21.598	4772738	56.143 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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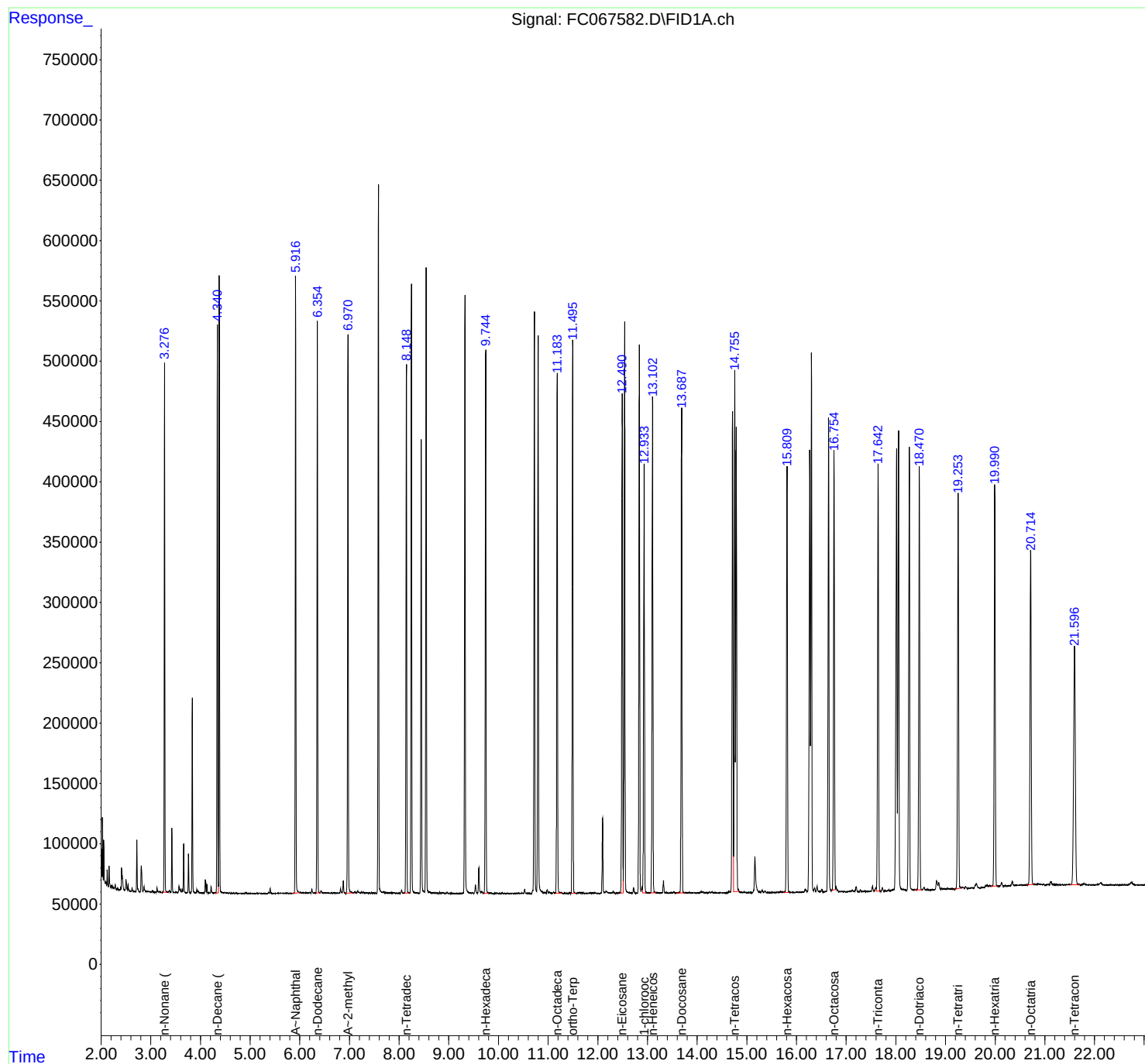
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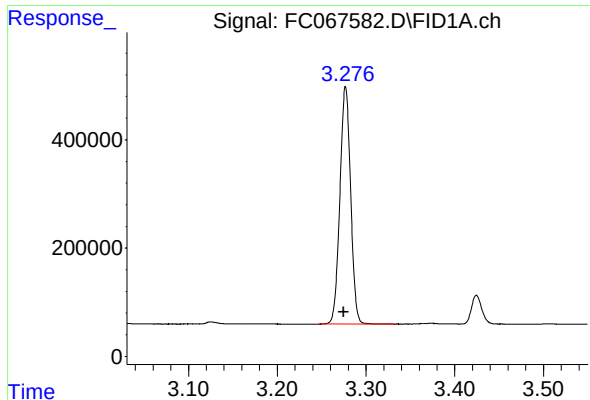
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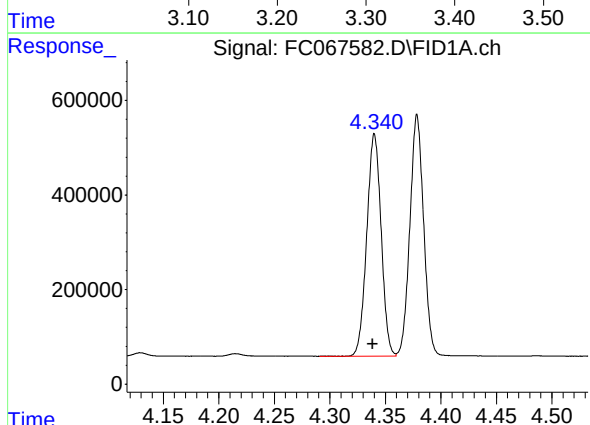
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.002 min
Response: 3686787
Conc: 27.37 ug/ml

Instrument :
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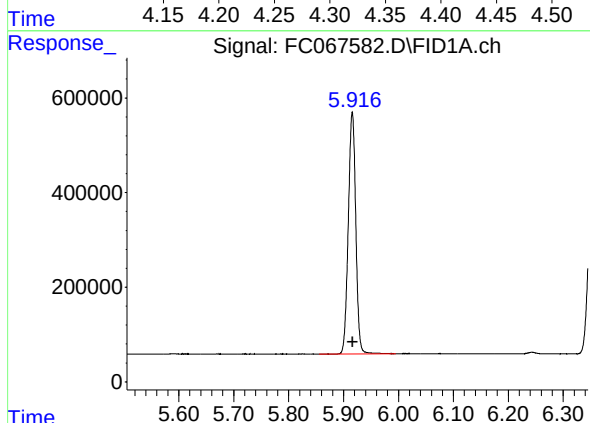
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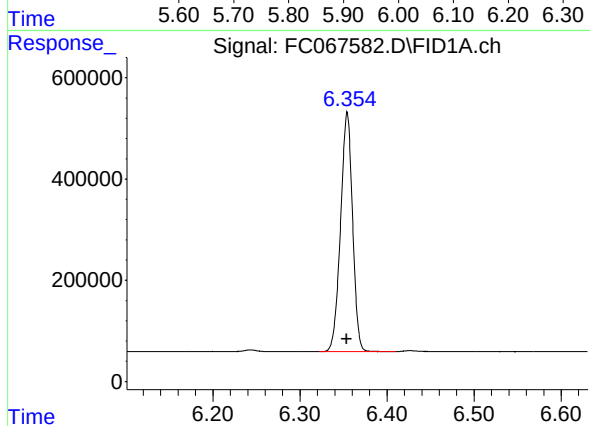
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 4239772
Conc: 31.12 ug/ml



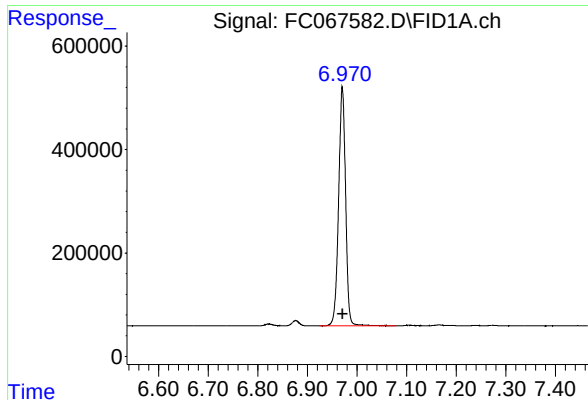
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 4820094
Conc: 32.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4530049
Conc: 33.45 ug/ml



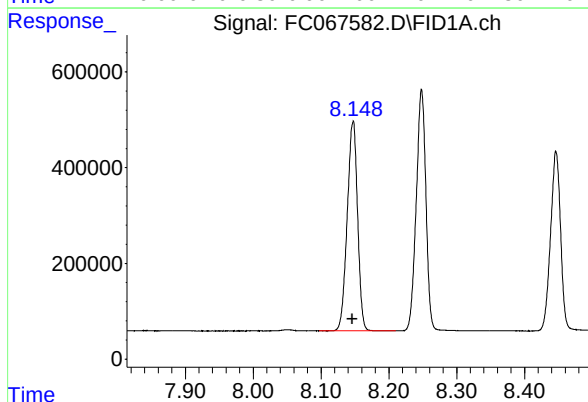
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 4544667
Conc: 32.18 ug/ml

Instrument :
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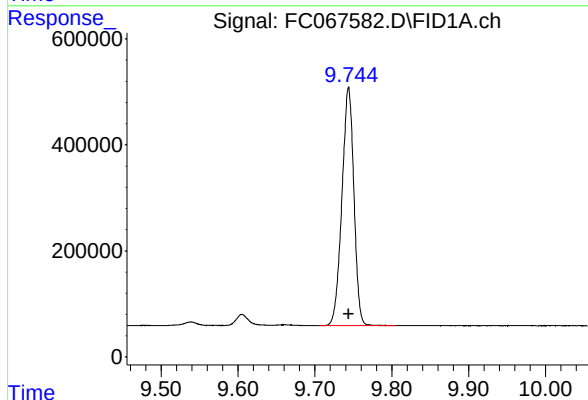
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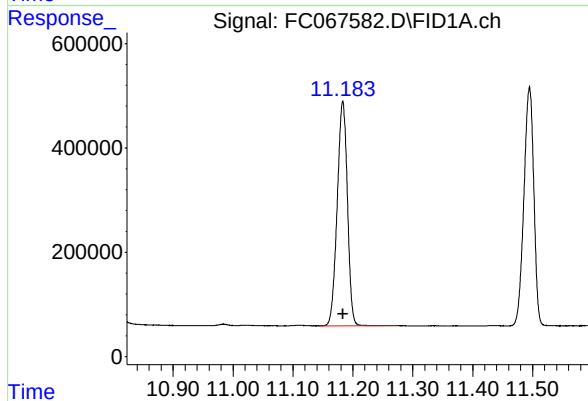
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 4650254
Conc: 35.43 ug/ml



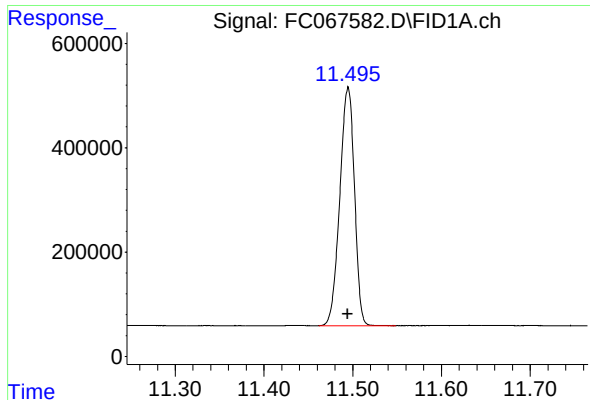
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 4847662
Conc: 36.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 5089956
Conc: 38.53 ug/ml



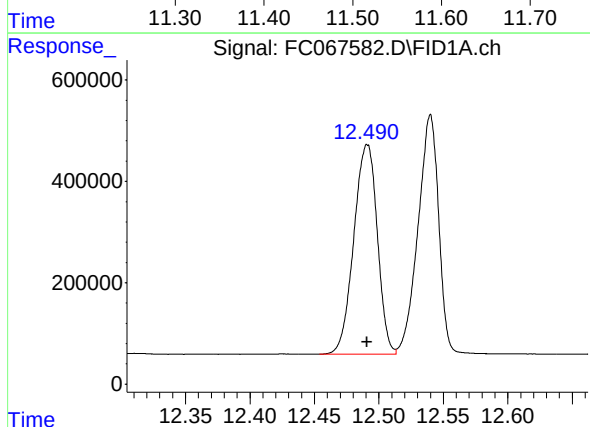
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 5243328
Conc: 35.73 ug/ml

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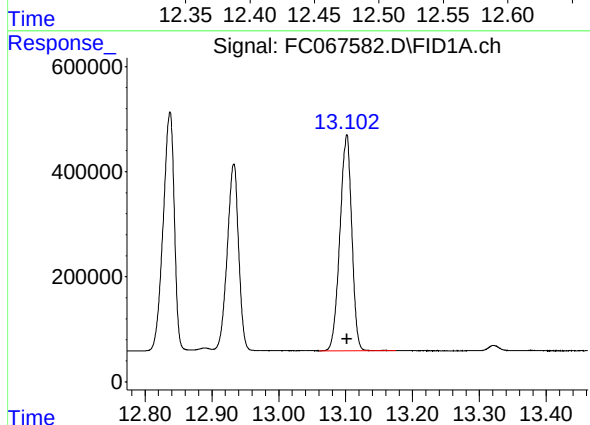
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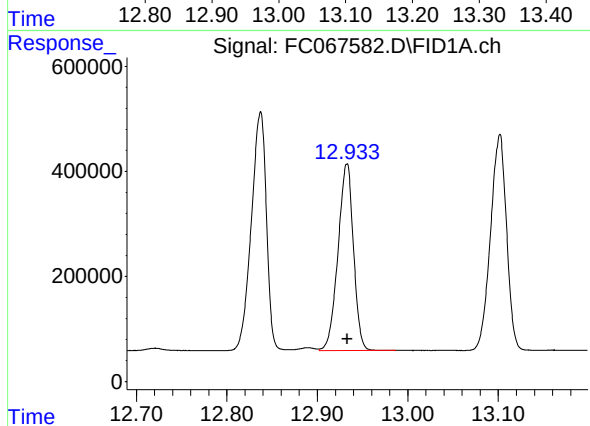
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 5252661
Conc: 41.63 ug/ml



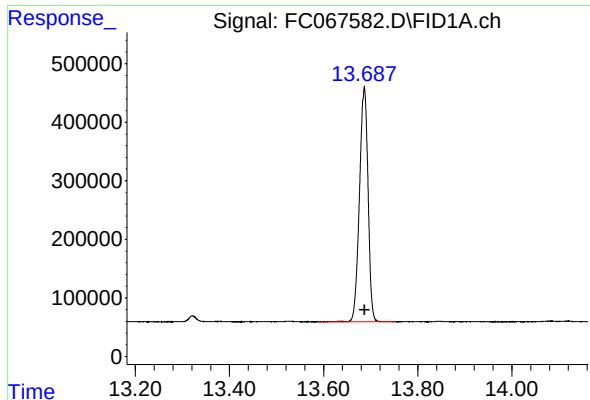
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.000 min
Response: 5075278
Conc: 41.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.000 min
Response: 4217269
Conc: 39.05 ug/ml



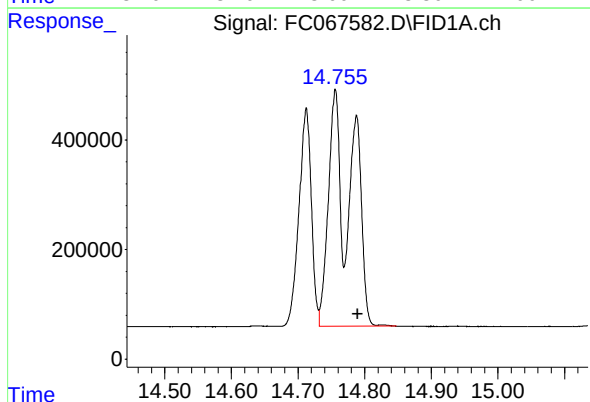
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.001 min
Response: 5059330
Conc: 41.32 ug/ml

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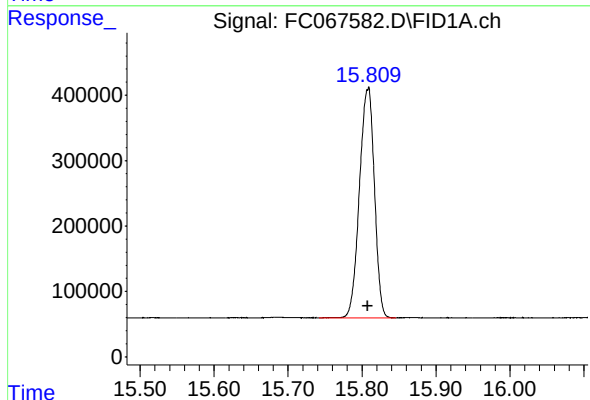
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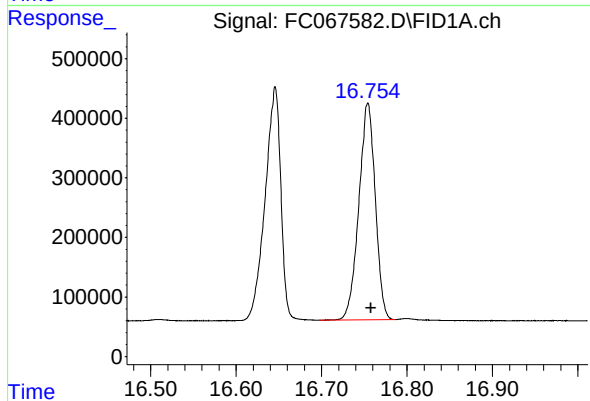
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.034 min
Response: 10130325
Conc: 83.58 ug/ml m



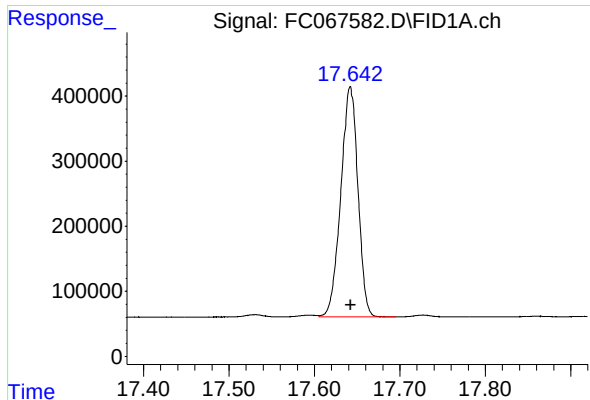
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 4936251
Conc: 41.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 4862655
Conc: 41.33 ug/ml



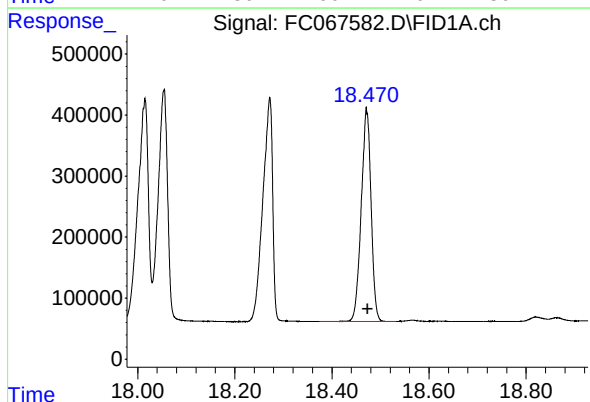
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4929820
Conc: 40.79 ug/ml

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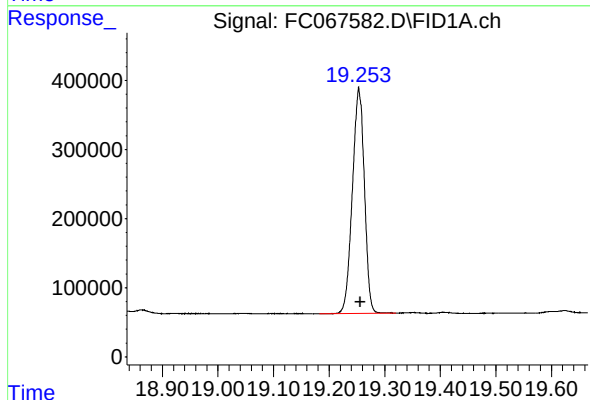
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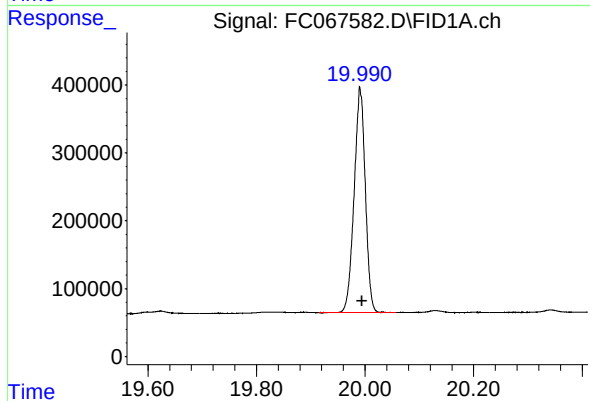
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 4898768
Conc: 41.40 ug/ml



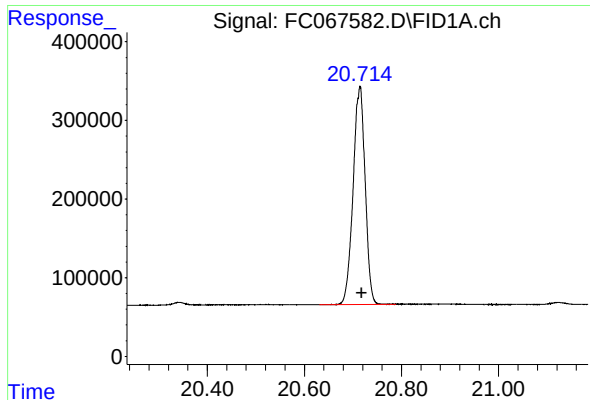
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.003 min
Response: 4898319
Conc: 46.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.003 min
Response: 4740537
Conc: 52.08 ug/ml



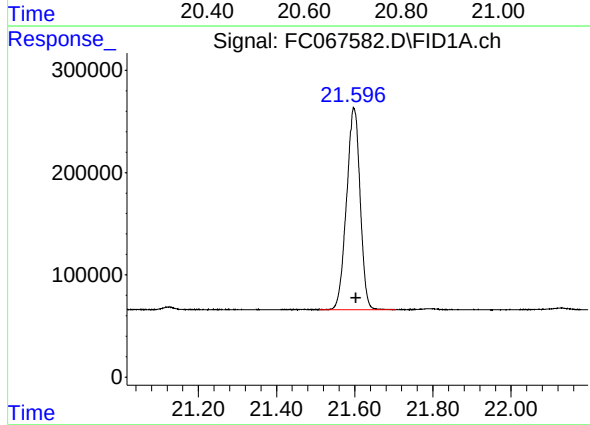
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 4773843
Conc: 55.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.005 min
Response: 4772738
Conc: 56.14 ug/ml