

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068168.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 17:55
 Operator : YP/AJ
 Sample : Q1237-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HL2PX6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Jan 31 22:17:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.424	5218508	33.395 ug/mlm
Spiked Amount 50.000		Recovery =	66.79%
12) S 1-chlorooctadecane (S...	12.864	4036643	35.100 ug/ml
Spiked Amount 50.000		Recovery =	70.20%
Target Compounds			
1) T n-Nonane (C9)	3.231	3495875	25.530 ug/ml
2) T n-Decane (C10)	4.288	4116079	29.648 ug/ml
3) T A~Naphthalene (C11.7)	5.854	5057687	33.690 ug/ml
4) T n-Dodecane (C12)	6.295	4579115	32.779 ug/ml
5) T A~2-methylnaphthalene...	6.906	4847178	33.747 ug/ml
6) T n-Tetradecane (C14)	8.084	4910249	35.978 ug/ml
7) T n-Hexadecane (C16)	9.678	5169532	37.205 ug/mlm
8) T n-Octadecane (C18)	11.117	5016683	35.855 ug/mlm
10) T n-Eicosane (C20)	12.423	5101709	38.129 ug/ml
11) T n-Heneicosane (C21)	13.034	4851315	36.937 ug/mlm
13) T n-Docosane (C22)	13.618	4804903	37.094 ug/ml
14) T n-Tetracosane (C24)	14.678	9902276	77.129 ug/mlm
15) T n-Hexacosane (C26)	15.736	4689205	37.264 ug/mlm
16) T n-Octacosane (C28)	16.683	4648516	37.167 ug/mlm
17) T n-Tricontane (C30)	17.572	4611722	35.679 ug/mlm
18) T n-Dotriacontane (C32)	18.403	4520671	36.162 ug/mlm
19) T n-Tetratriacontane (C34)	19.182	4485853	41.354 ug/ml
20) T n-Hexatriacontane (C36)	19.921	4136248	44.695 ug/mlm
21) T n-Octatriacontane (C38)	20.634	3996269	46.637 ug/ml
22) T n-Tetracontane (C40)	21.492	3863059	47.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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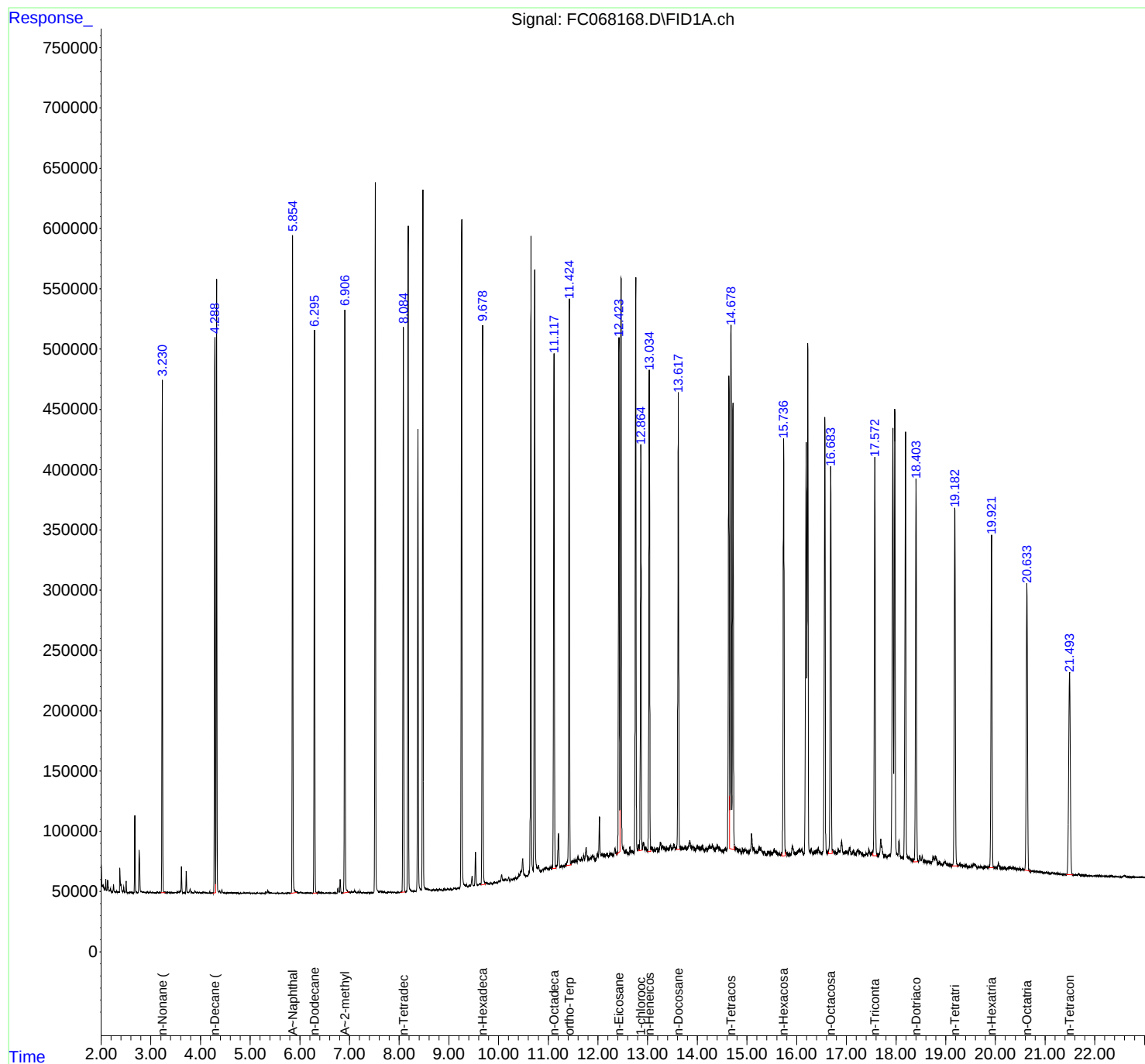
Instrument :
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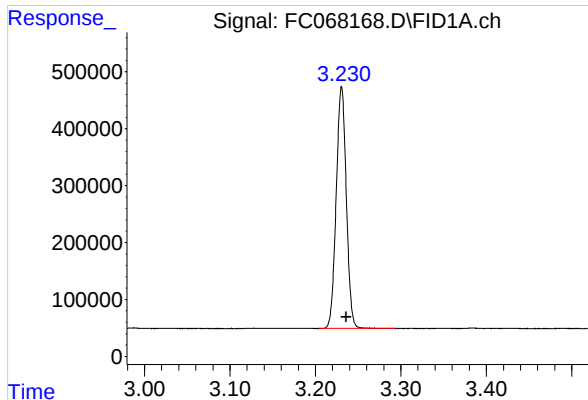
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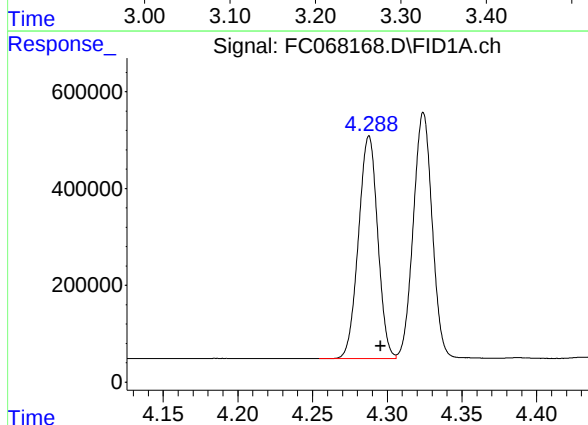
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.005 min
Response: 3495875
Conc: 25.53 ug/ml

Instrument :
FID_C
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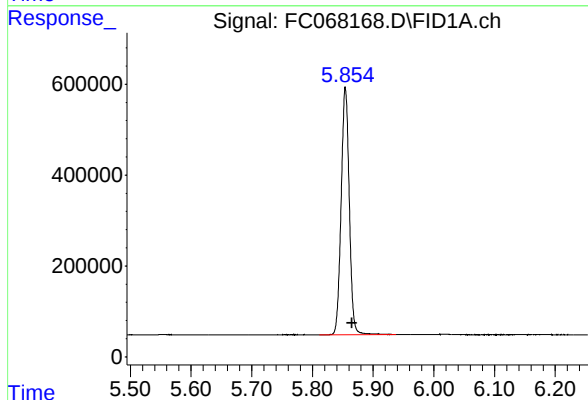
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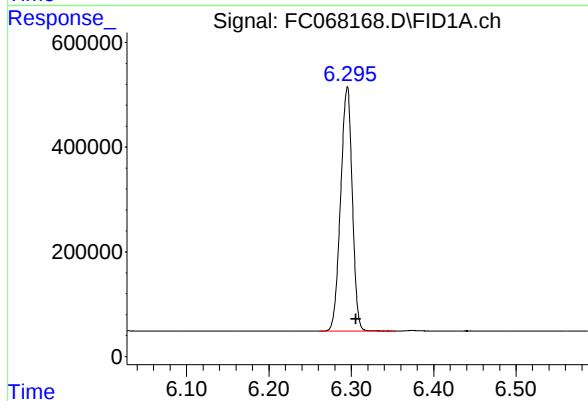
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.008 min
Response: 4116079
Conc: 29.65 ug/ml



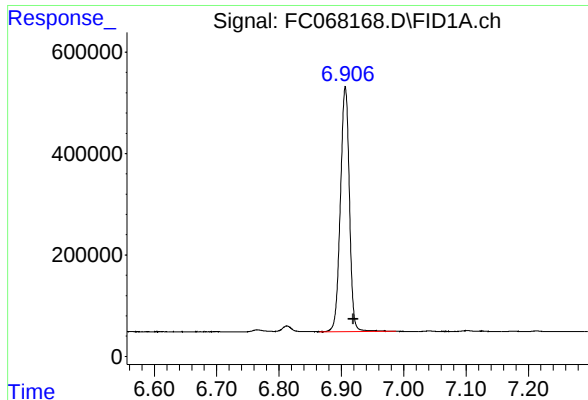
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.011 min
Response: 5057687
Conc: 33.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.011 min
Response: 4579115
Conc: 32.78 ug/ml



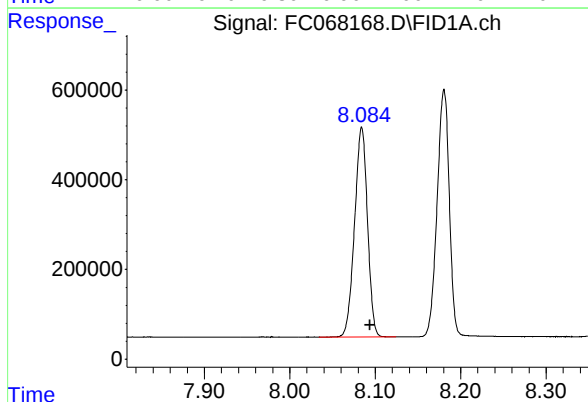
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.013 min
Response: 4847178
Conc: 33.75 ug/ml

Instrument :
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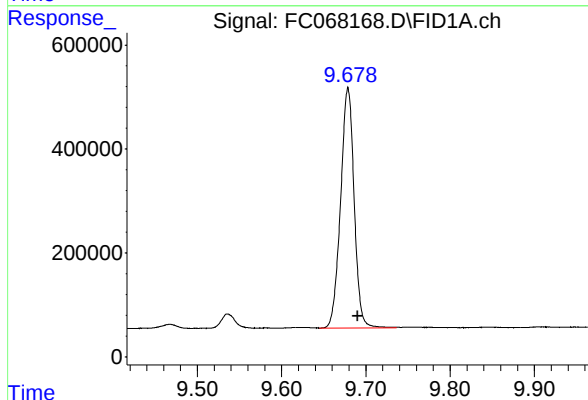
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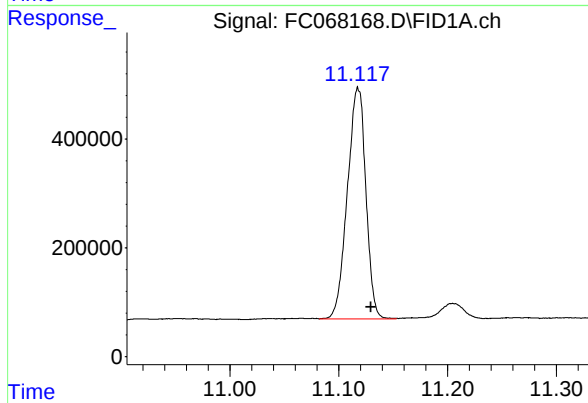
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: -0.010 min
Response: 4910249
Conc: 35.98 ug/ml



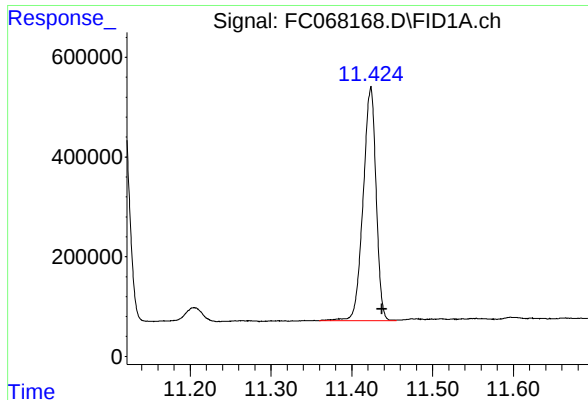
#7 n-Hexadecane (C16)

R.T.: 9.678 min
Delta R.T.: -0.012 min
Response: 5169532
Conc: 37.20 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.117 min
Delta R.T.: -0.013 min
Response: 5016683
Conc: 35.85 ug/ml m



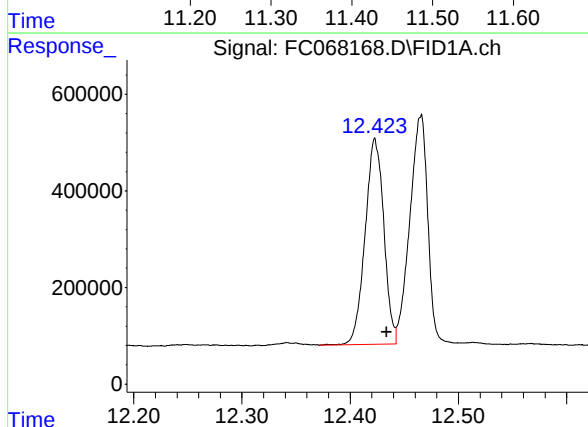
#9 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.014 min
Response: 5218508
Conc: 33.39 ug/ml

Instrument :
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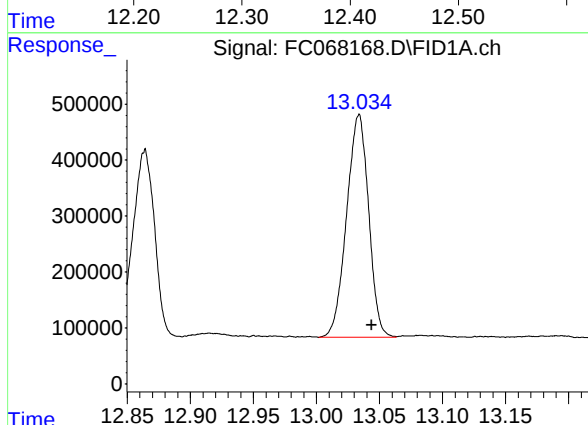
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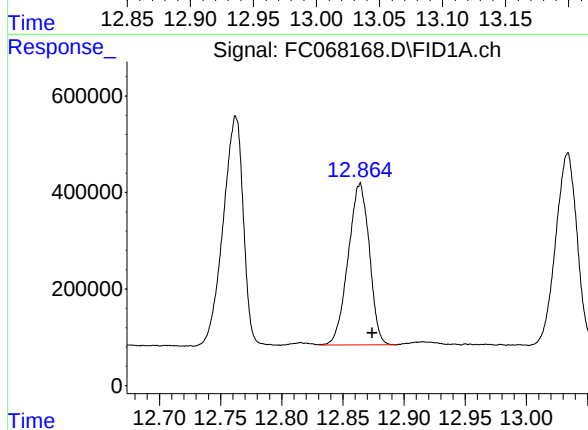
#10 n-Eicosane (C20)

R.T.: 12.423 min
Delta R.T.: -0.011 min
Response: 5101709
Conc: 38.13 ug/ml



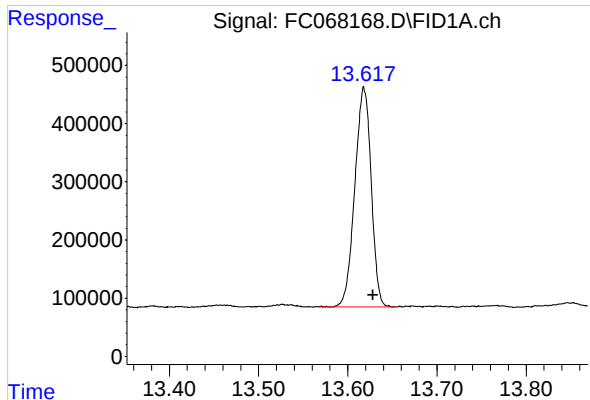
#11 n-Heneicosane (C21)

R.T.: 13.034 min
Delta R.T.: -0.010 min
Response: 4851315
Conc: 36.94 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.864 min
Delta R.T.: -0.010 min
Response: 4036643
Conc: 35.10 ug/ml



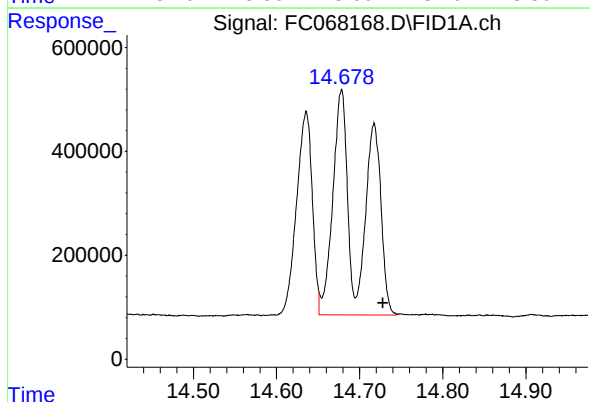
#13 n-Docosane (C22)

R.T.: 13.618 min
Delta R.T.: -0.010 min
Response: 4804903
Conc: 37.09 ug/ml

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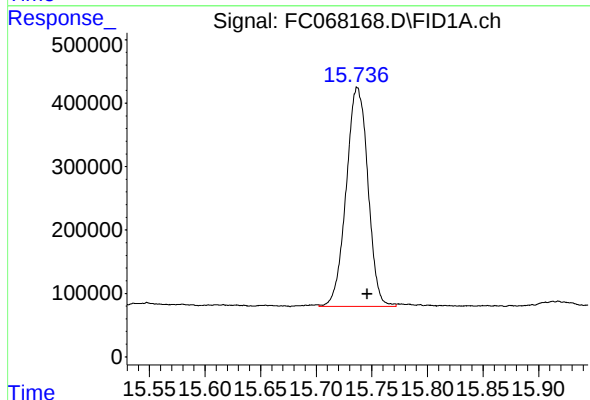
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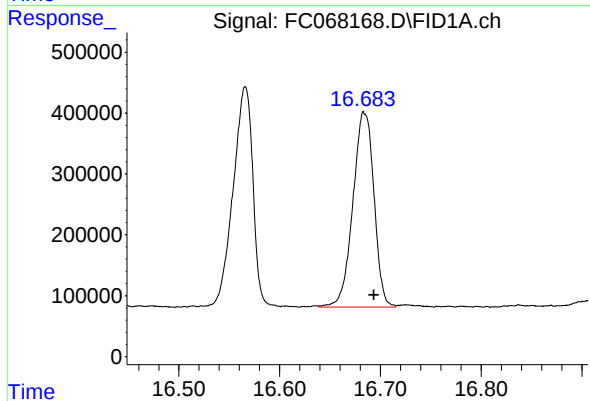
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: -0.050 min
Response: 9902276
Conc: 77.13 ug/ml m



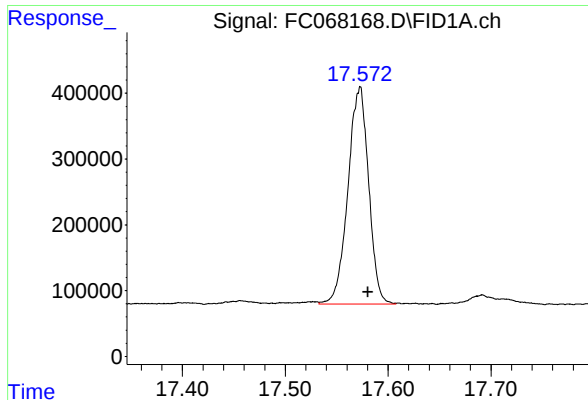
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: -0.010 min
Response: 4689205
Conc: 37.26 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.683 min
Delta R.T.: -0.011 min
Response: 4648516
Conc: 37.17 ug/ml m



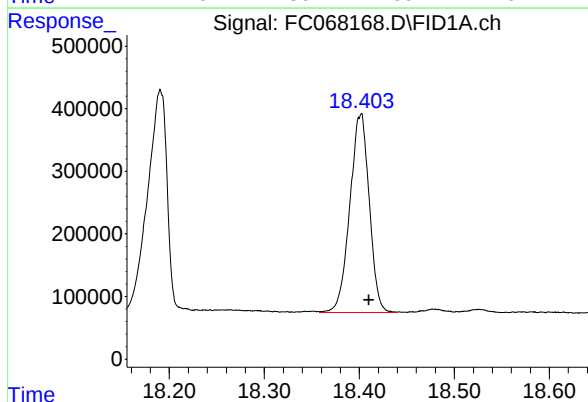
#17 n-Tricontane (C30)

R.T.: 17.572 min
Delta R.T.: -0.008 min
Response: 4611722
Conc: 35.68 ug/ml

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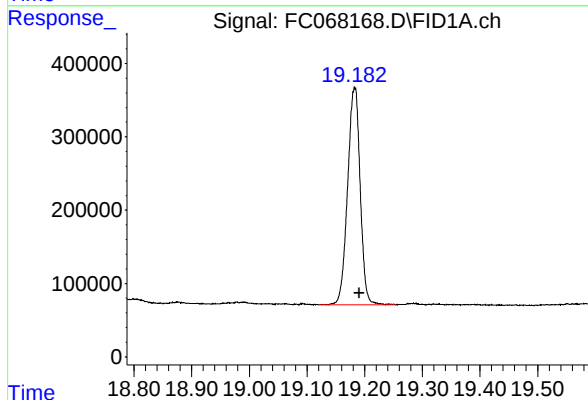
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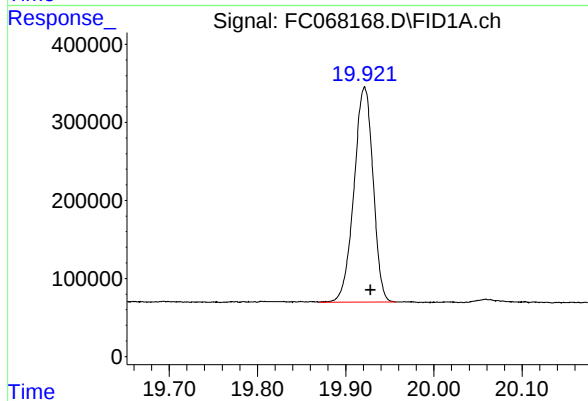
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.008 min
Response: 4520671
Conc: 36.16 ug/ml m



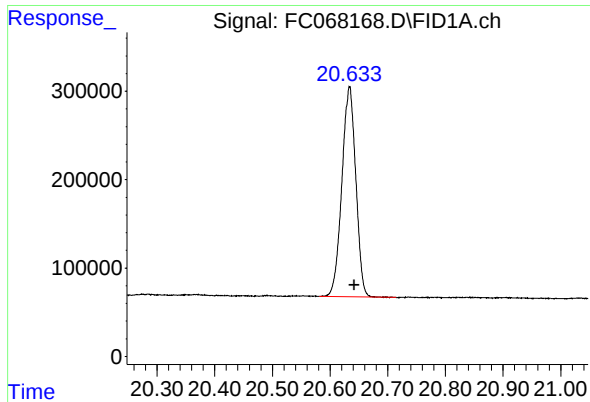
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.009 min
Response: 4485853
Conc: 41.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: -0.007 min
Response: 4136248
Conc: 44.70 ug/ml m



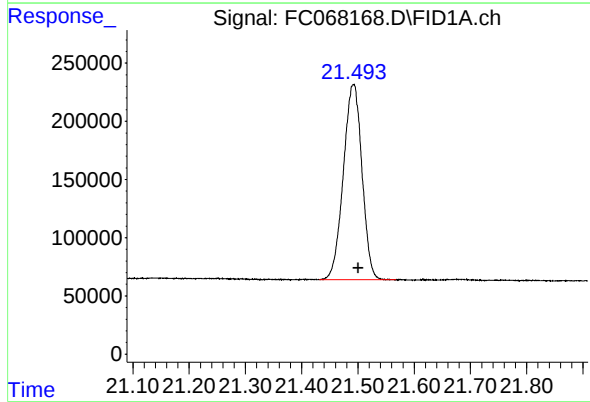
#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: -0.009 min
Response: 3996269
Conc: 46.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.492 min
Delta R.T.: -0.009 min
Response: 3863059
Conc: 47.77 ug/ml