

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
 Data File : FC068195.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 14:45
 Operator : YP/AJ
 Sample : PB166564BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166564BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
 Quant Time: Feb 06 04:12:26 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)	11.406	5760453	36.863 ug/ml
Spiked Amount 50.000		Recovery =	73.73%
12) S 1-chlorooctadecane (S...	12.846	4525216	39.349 ug/ml
Spiked Amount 50.000		Recovery =	78.70%
Target Compounds			
1) T n-Nonane (C9)	3.226	4871569	35.576 ug/ml
2) T n-Decane (C10)	4.276	5155762	37.137 ug/mlm
3) T A~Naphthalene (C11.7)	5.839	6043020	40.253 ug/ml
4) T n-Dodecane (C12)	6.279	5237886	37.494 ug/ml
5) T A~2-methylnaphthalene...	6.890	5444266	37.904 ug/ml
6) T n-Tetradecane (C14)	8.068	5291165	38.769 ug/ml
7) T n-Hexadecane (C16)	9.662	5185676	37.321 ug/ml
8) T n-Octadecane (C18)	11.101	5108922	36.514 ug/ml
10) T n-Eicosane (C20)	12.445	5486081	41.002 ug/ml
11) T n-Heneicosane (C21)	13.016	4907938	37.368 ug/ml
13) T n-Docosane (C22)	13.601	4825396	37.252 ug/ml
14) T n-Tetracosane (C24)	14.659	9792029	76.270 ug/mlm
15) T n-Hexacosane (C26)	15.720	4561804	36.252 ug/ml
16) T n-Octacosane (C28)	16.667	4476448	35.791 ug/ml
17) T n-Tricontane (C30)	17.554	4392486	33.983 ug/ml
18) T n-Dotriacontane (C32)	18.382	4087426	32.696 ug/ml
19) T n-Tetratriacontane (C34)	19.164	3644627	33.599 ug/ml
20) T n-Hexatriacontane (C36)	19.903	3024579	32.683 ug/mlm
21) T n-Octatriacontane (C38)	20.613	2606537	30.419 ug/mlm
22) T n-Tetracontane (C40)	21.464	2329340	28.807 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

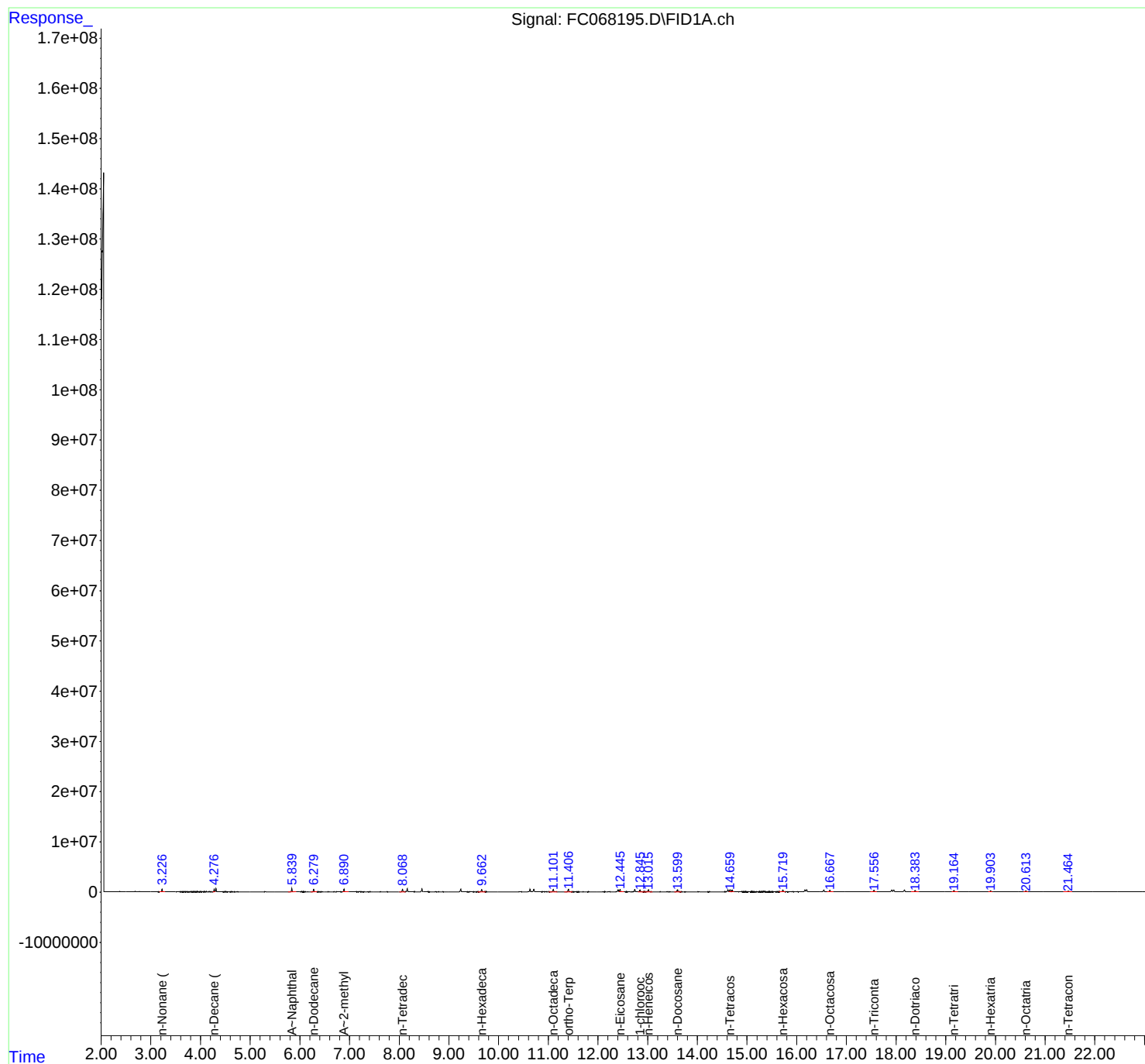
Instrument :
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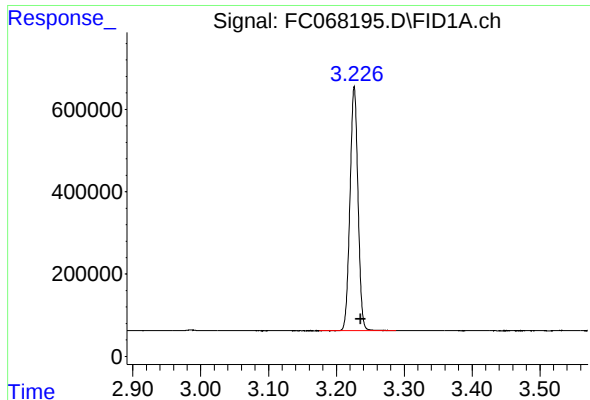
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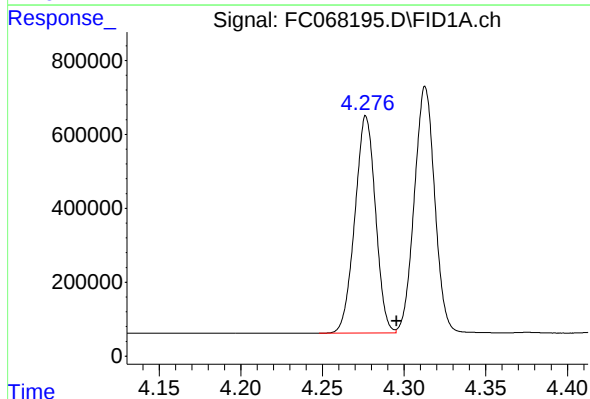
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.010 min
Response: 4871569
Conc: 35.58 ug/ml

Instrument :
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PB166564BSD

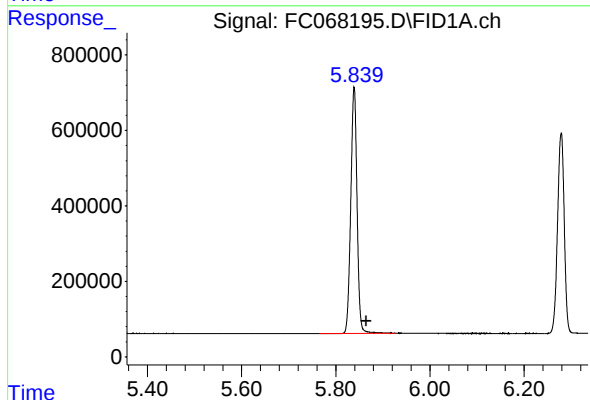
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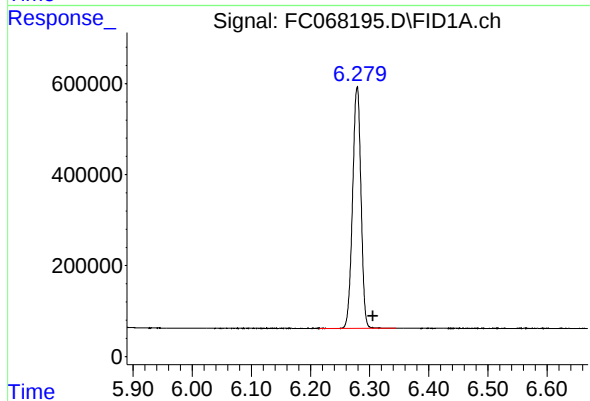
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 5155762
Conc: 37.14 ug/ml



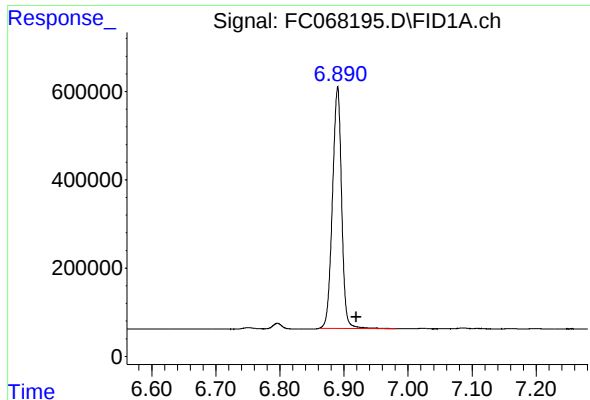
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.026 min
Response: 6043020
Conc: 40.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.027 min
Response: 5237886
Conc: 37.49 ug/ml



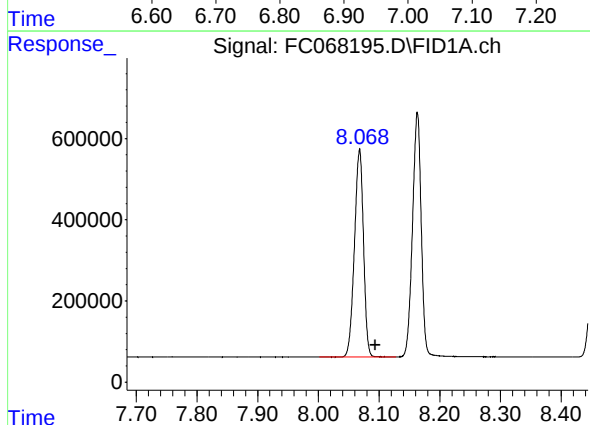
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.029 min
Response: 5444266
Conc: 37.90 ug/ml

Instrument :
FID_C
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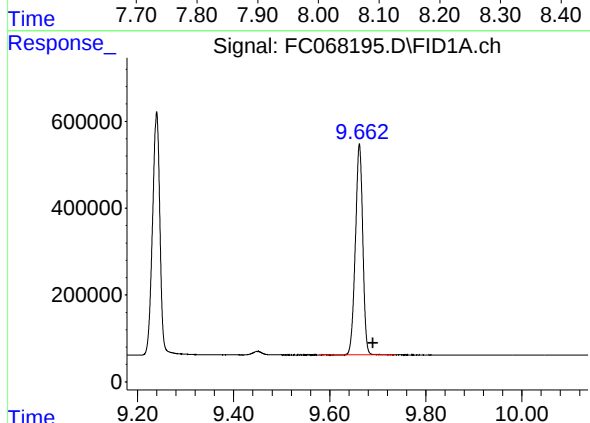
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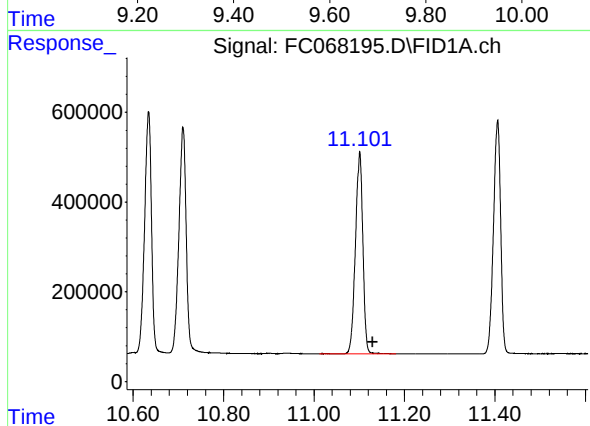
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: -0.026 min
Response: 5291165
Conc: 38.77 ug/ml



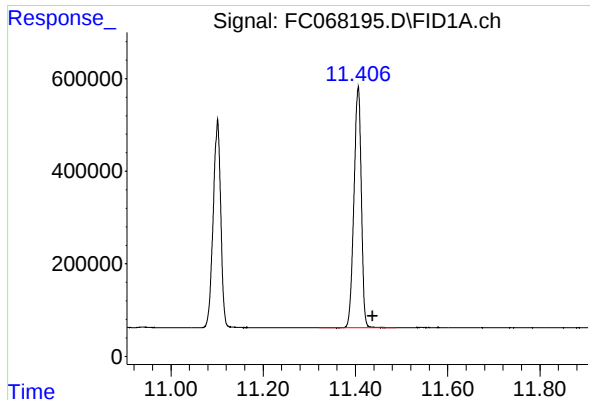
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 5185676
Conc: 37.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.101 min
Delta R.T.: -0.029 min
Response: 5108922
Conc: 36.51 ug/ml



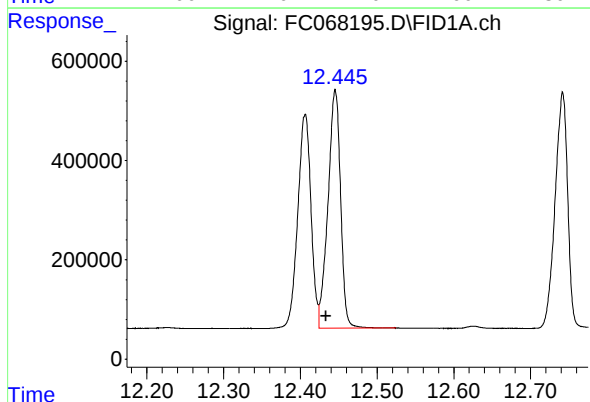
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.031 min
Response: 5760453
Conc: 36.86 ug/ml

Instrument :
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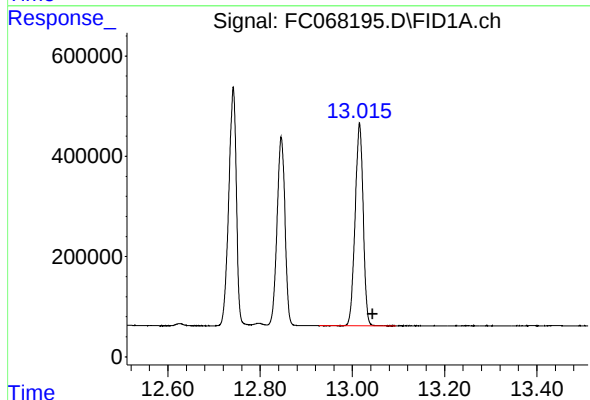
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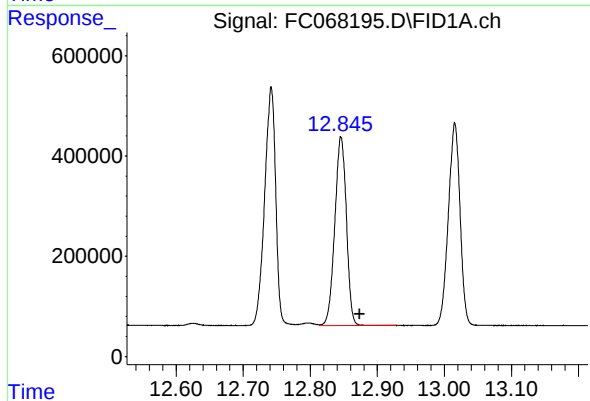
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: 0.012 min
Response: 5486081
Conc: 41.00 ug/ml



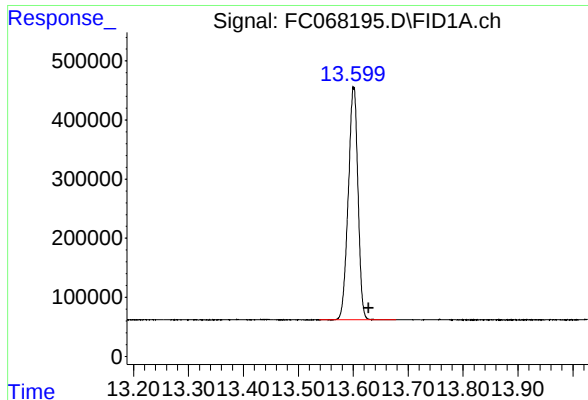
#11 n-Heneicosane (C21)

R.T.: 13.016 min
Delta R.T.: -0.028 min
Response: 4907938
Conc: 37.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.846 min
Delta R.T.: -0.028 min
Response: 4525216
Conc: 39.35 ug/ml



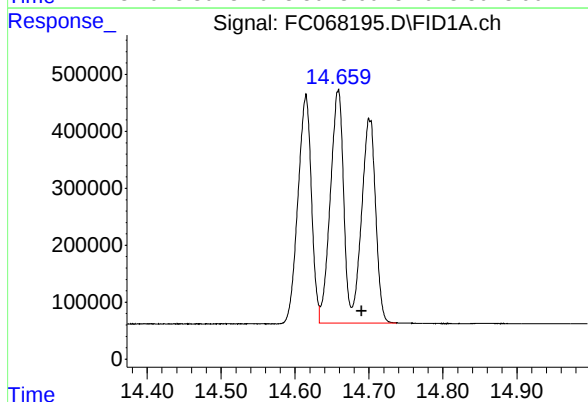
#13 n-Docosane (C22)

R.T.: 13.601 min
Delta R.T.: -0.027 min
Response: 4825396
Conc: 37.25 ug/ml

Instrument :
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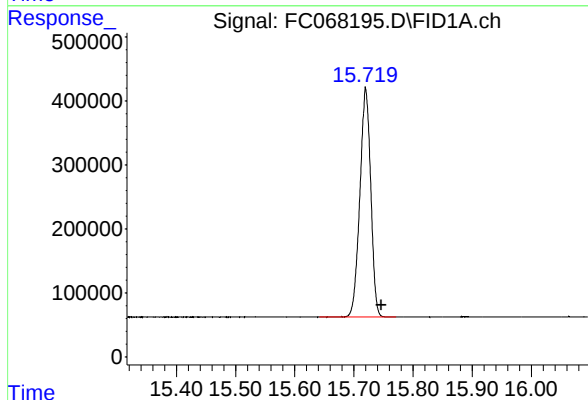
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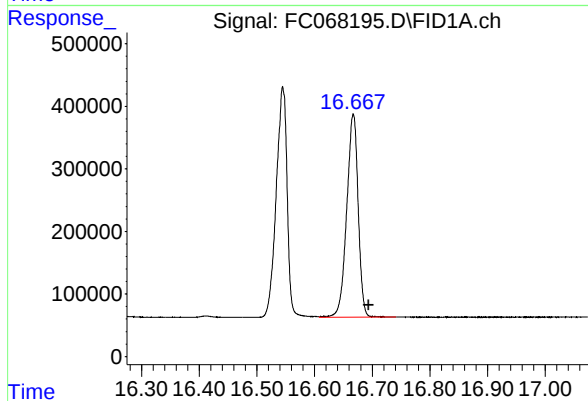
#14 n-Tetracosane (C24)

R.T.: 14.659 min
Delta R.T.: -0.031 min
Response: 9792029
Conc: 76.27 ug/ml



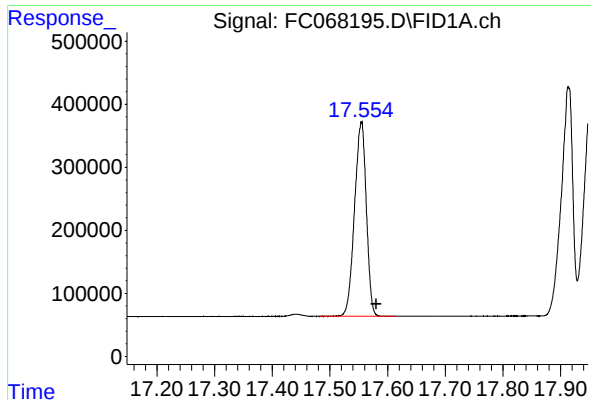
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.026 min
Response: 4561804
Conc: 36.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: -0.027 min
Response: 4476448
Conc: 35.79 ug/ml



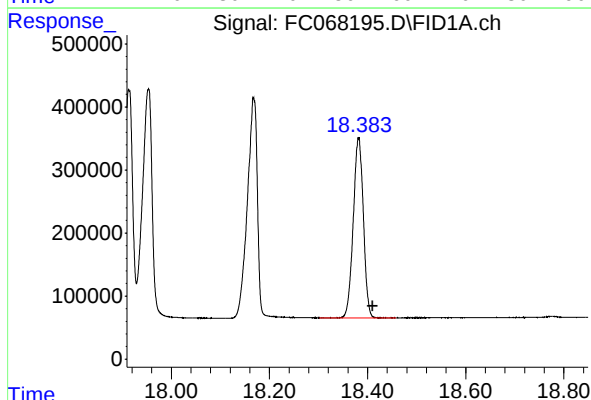
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: -0.026 min
Response: 4392486
Conc: 33.98 ug/ml

Instrument :
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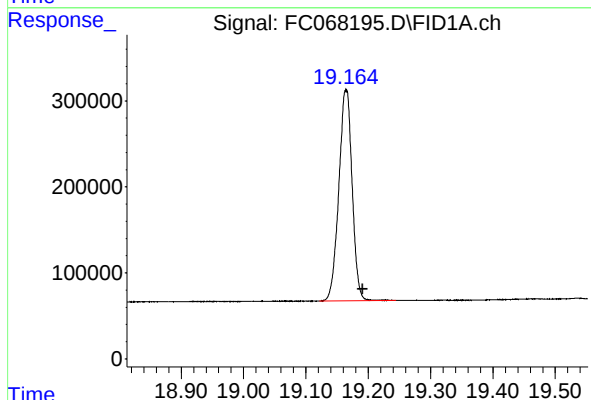
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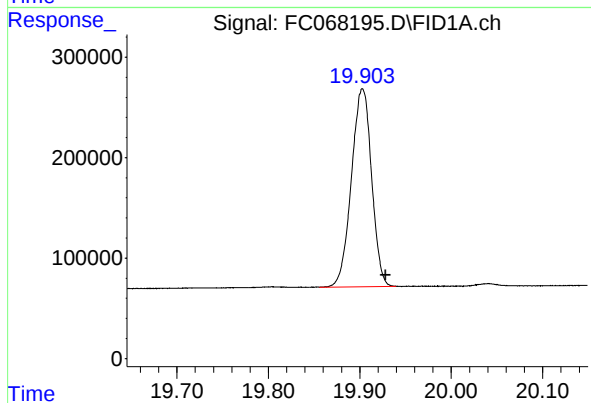
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: -0.029 min
Response: 4087426
Conc: 32.70 ug/ml



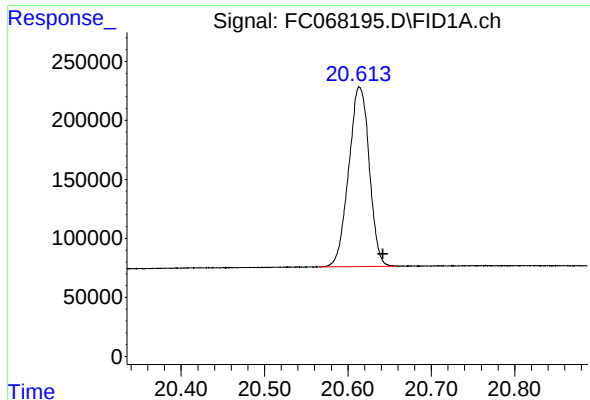
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: -0.027 min
Response: 3644627
Conc: 33.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.903 min
Delta R.T.: -0.026 min
Response: 3024579
Conc: 32.68 ug/ml m



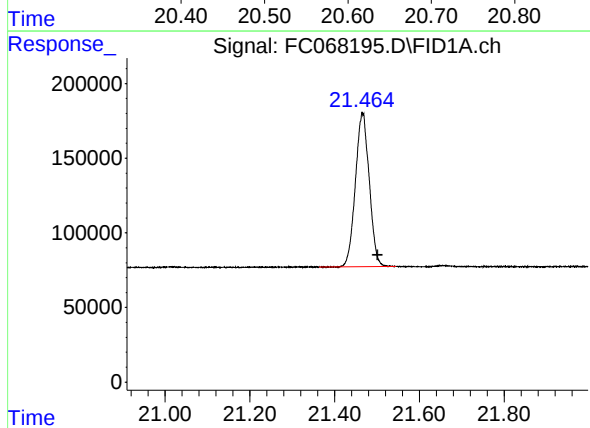
#21 n-Octatriacontane (C38)

R.T.: 20.613 min
Delta R.T.: -0.029 min
Response: 2606537
Conc: 30.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: -0.037 min
Response: 2329340
Conc: 28.81 ug/ml m