

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067185.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 00:25
 Operator : YP/AJ
 Sample : P4103-16MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-23MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e
 Quant Time: Sep 20 03:53:41 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	3013065	30.844 ug/mlm
Spiked Amount 50.000		Recovery =	61.69%
Target Compounds			
1) T n-Nonane (C9)	3.278	3257808	24.560 ug/ml
2) T n-Decane (C10)	4.343	3971958	29.574 ug/ml
4) T n-Dodecane (C12)	6.361	5448176	40.702 ug/ml
6) T n-Tetradecane (C14)	8.155	5710409	44.309 ug/ml
7) T n-Hexadecane (C16)	9.754	4981519	38.639 ug/ml
8) T n-Octadecane (C18)	11.194	4881649	38.155 ug/ml
10) T n-Eicosane (C20)	12.503	4763462	39.658 ug/ml
11) T n-Heneicosane (C21)	13.113	4533908	38.820 ug/mlm
13) T n-Docosane (C22)	13.699	4461372	38.640 ug/ml
14) T n-Tetracosane (C24)	14.801	4354906	38.348 ug/ml
15) T n-Hexacosane (C26)	15.820	4271922	38.545 ug/ml
16) T n-Octacosane (C28)	16.769	4183665	38.731 ug/ml
17) T n-Tricontane (C30)	17.656	4202930	38.639 ug/ml
18) T n-Dotriacontane (C32)	18.488	4158921	39.872 ug/ml
19) T n-Tetratriacontane (C34)	19.270	4111123	44.561 ug/ml
20) T n-Hexatriacontane (C36)	20.010	3889914	49.086 ug/ml
21) T n-Octatriacontane (C38)	20.735	3768760	50.173 ug/ml
22) T n-Tetracontane (C40)	21.625	3420894	48.965 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 25 Sample Multiplier: 1

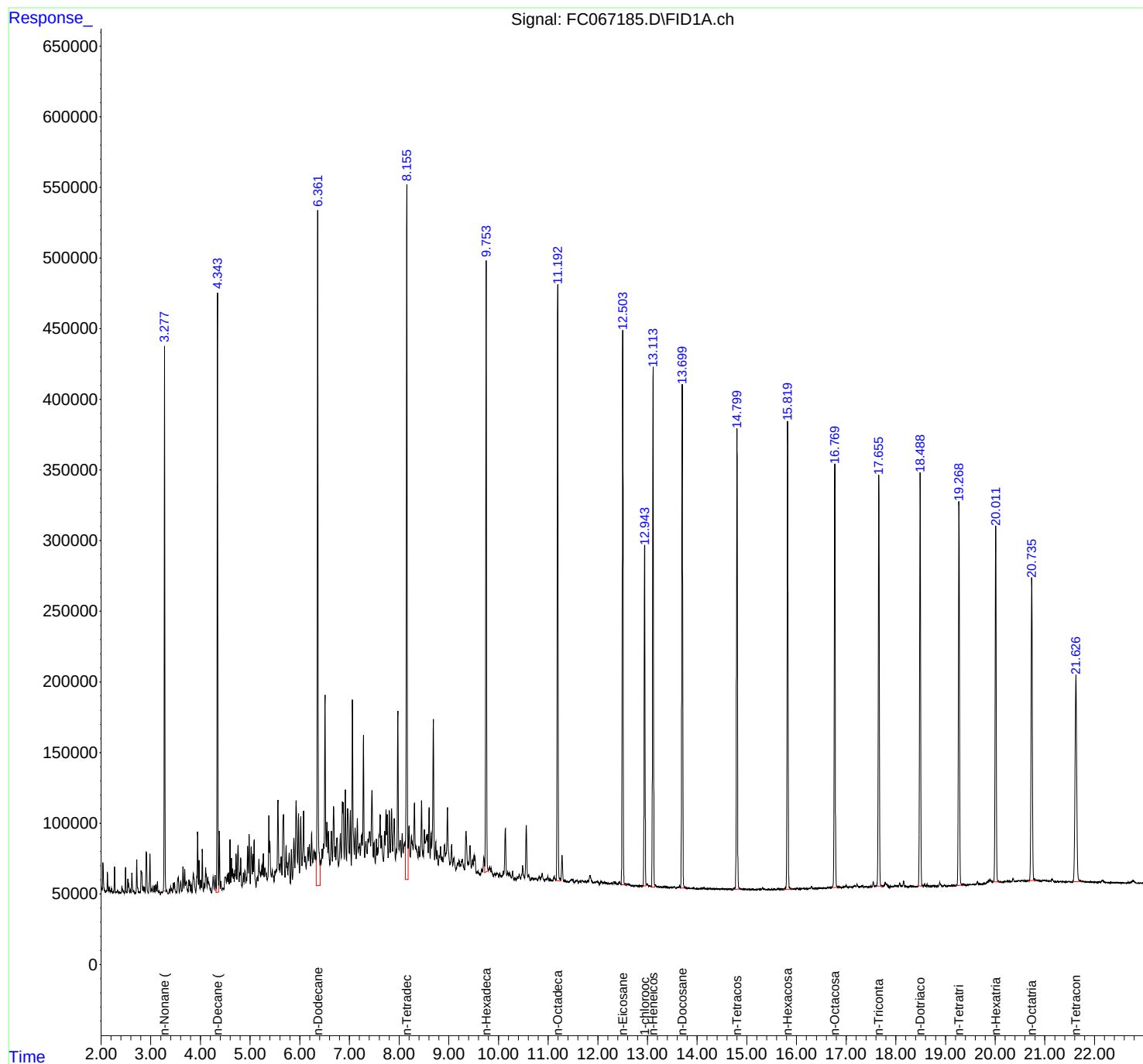
Instrument :
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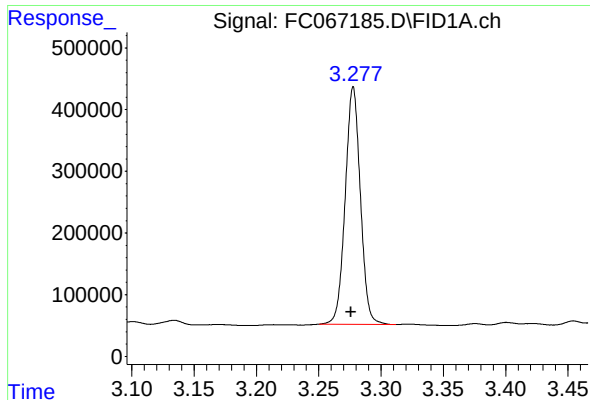
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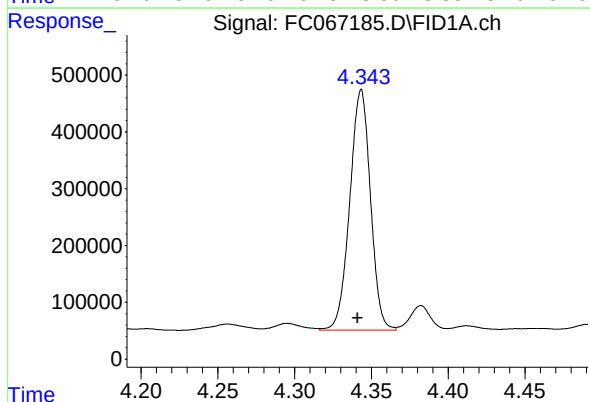
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3257808
Conc: 24.56 ug/ml

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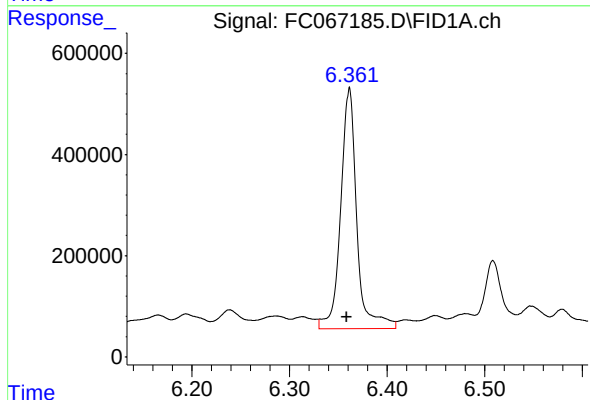
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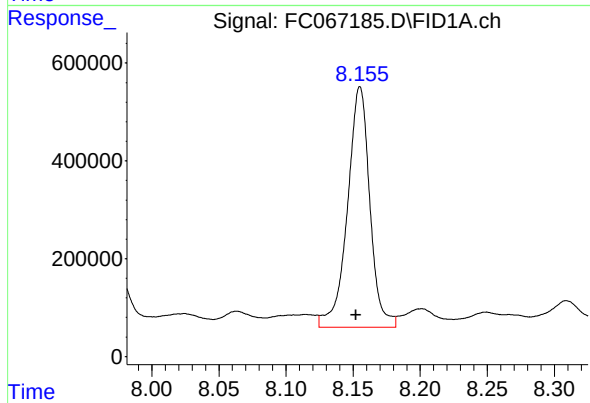
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 3971958
Conc: 29.57 ug/ml



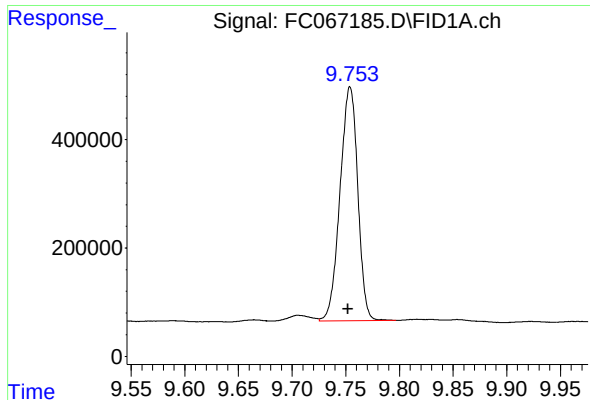
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 5448176
Conc: 40.70 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 5710409
Conc: 44.31 ug/ml



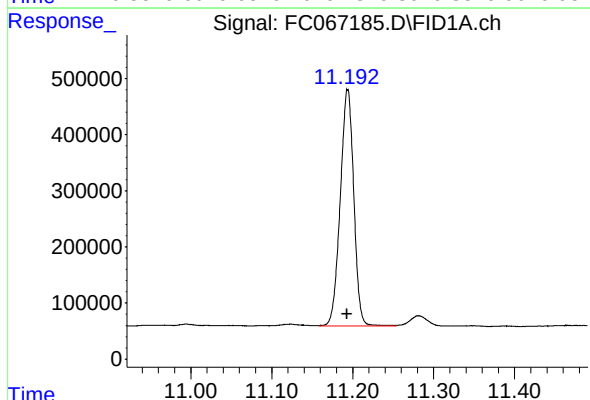
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 4981519
Conc: 38.64 ug/ml

Instrument :
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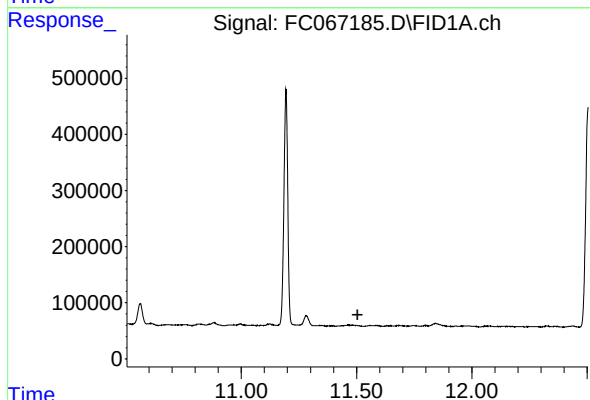
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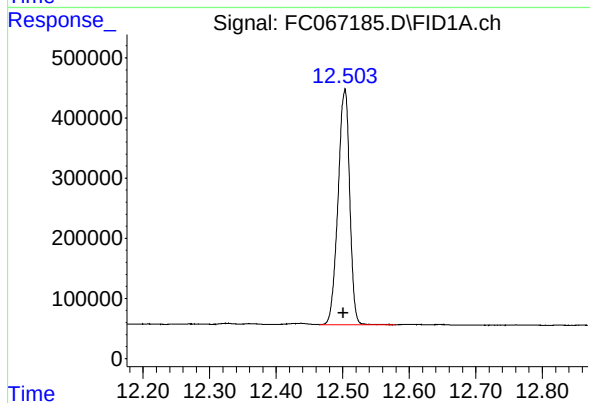
#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 4881649
Conc: 38.16 ug/ml



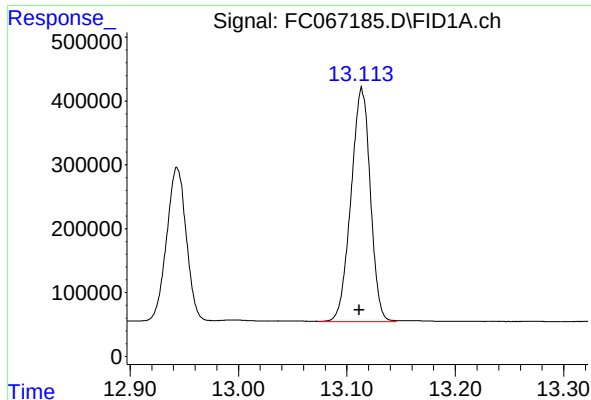
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 4763462
Conc: 39.66 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.002 min
Response: 4533908
Conc: 38.82 ug/ml

Instrument :

FID_C

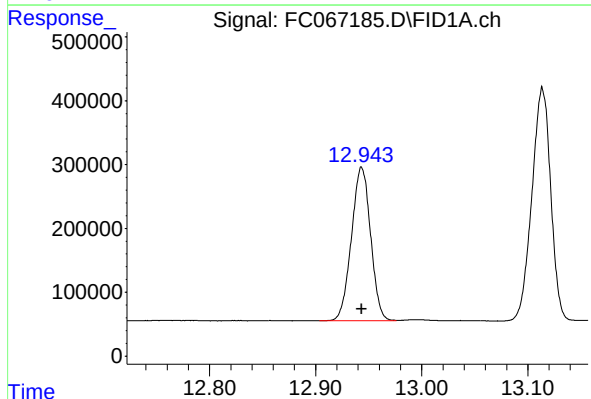
ClientSampleId :

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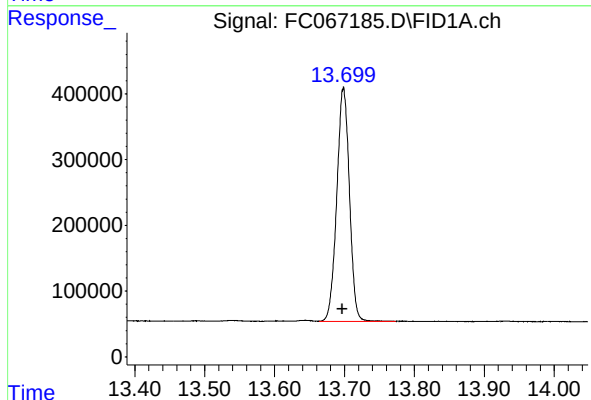
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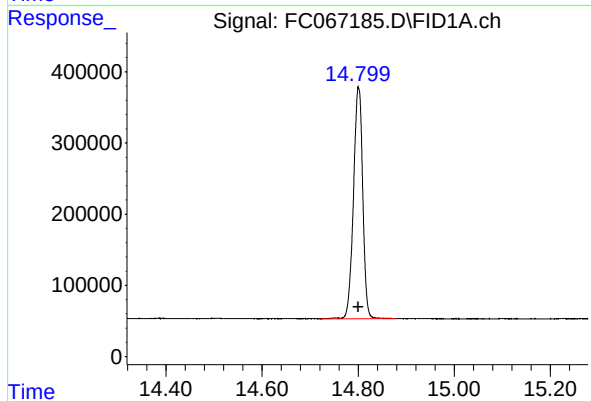
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 3013065
Conc: 30.84 ug/ml m



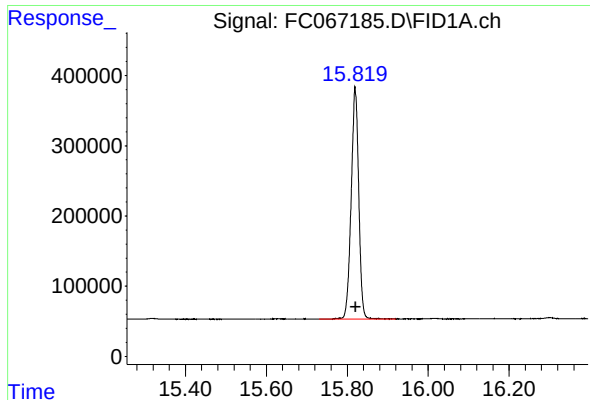
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.001 min
Response: 4461372
Conc: 38.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 4354906
Conc: 38.35 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 4271922
Conc: 38.55 ug/ml

Instrument :

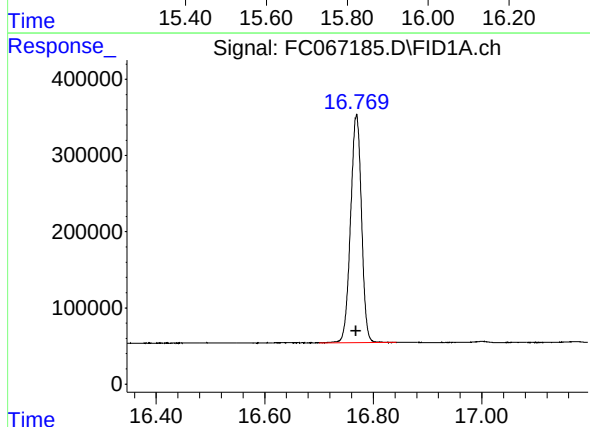
FID_C

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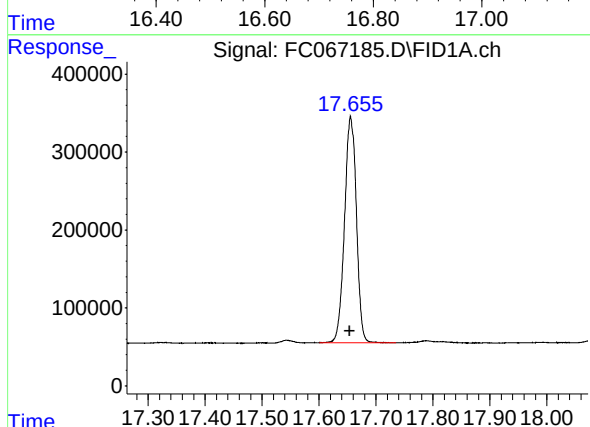
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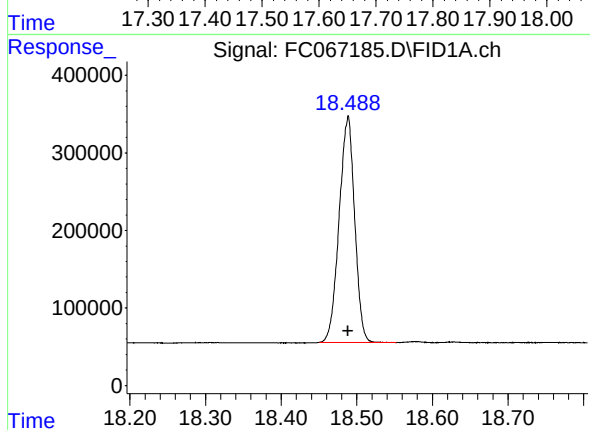
#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 4183665
Conc: 38.73 ug/ml



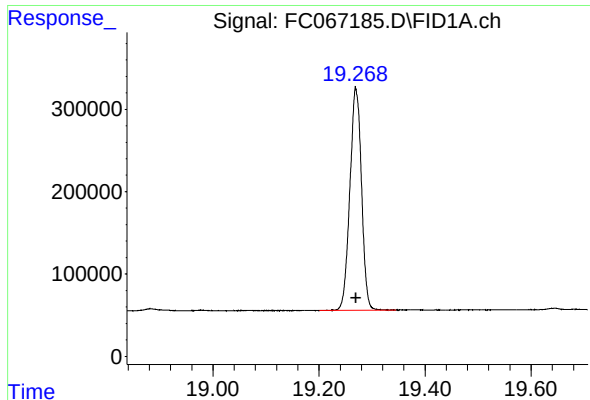
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 4202930
Conc: 38.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 4158921
Conc: 39.87 ug/ml



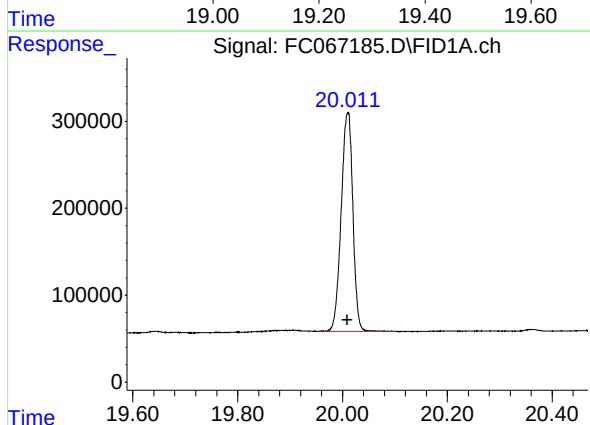
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 4111123
Conc: 44.56 ug/ml

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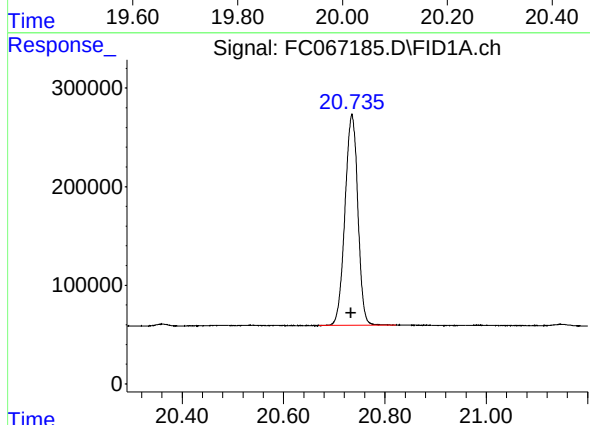
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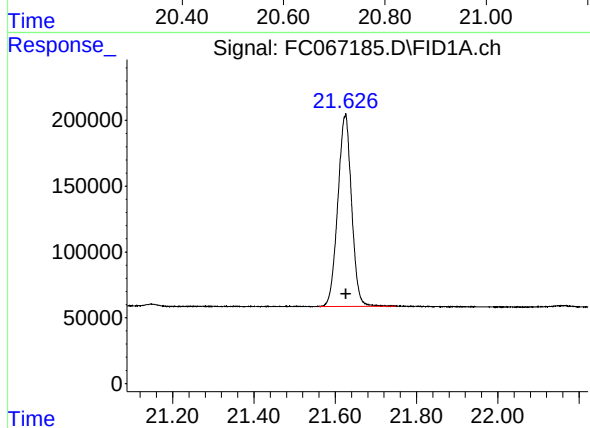
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.000 min
Response: 3889914
Conc: 49.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 3768760
Conc: 50.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.002 min
Response: 3420894
Conc: 48.96 ug/ml