

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067876.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 11:12
 Operator : YP/AJ
 Sample : P5002-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-7-TPH-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 00:15:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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...	12.949	6393016	44.041 ug/mlm
Spiked Amount 50.000		Recovery =	88.08%
Target Compounds			
1) T n-Nonane (C9)	3.286	3013106	18.472 ug/ml
2) T n-Decane (C10)	4.350	4170816	25.151 ug/ml
4) T n-Dodecane (C12)	6.369	6431282	38.184 ug/mlm
6) T n-Tetradecane (C14)	8.168	6370966	38.042 ug/mlm
7) T n-Hexadecane (C16)	9.722	6830899	39.417 ug/mlm
8) T n-Octadecane (C18)	11.206	7042406	40.027 ug/mlm
10) T n-Eicosane (C20)	12.510	7916470	47.014 ug/mlm
11) T n-Heneicosane (C21)	13.115	5446451	33.101 ug/mlm
13) T n-Docosane (C22)	13.699	5808047	35.664 ug/mlm
14) T n-Tetracosane (C24)	14.799	5821883	36.300 ug/mlm
15) T n-Hexacosane (C26)	15.818	5224317	33.735 ug/mlm
16) T n-Octacosane (C28)	16.764	5789351	38.334 ug/mlm
17) T n-Tricontane (C30)	17.650	5341413	34.886 ug/mlm
18) T n-Dotriacontane (C32)	18.481	5123060	34.688 ug/mlm
19) T n-Tetratriacontane (C34)	19.260	5338292	42.324 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5162157	49.357 ug/ml
21) T n-Octatriacontane (C38)	20.722	4461491	45.673 ug/ml
22) T n-Tetracontane (C40)	21.607	4445757	45.613 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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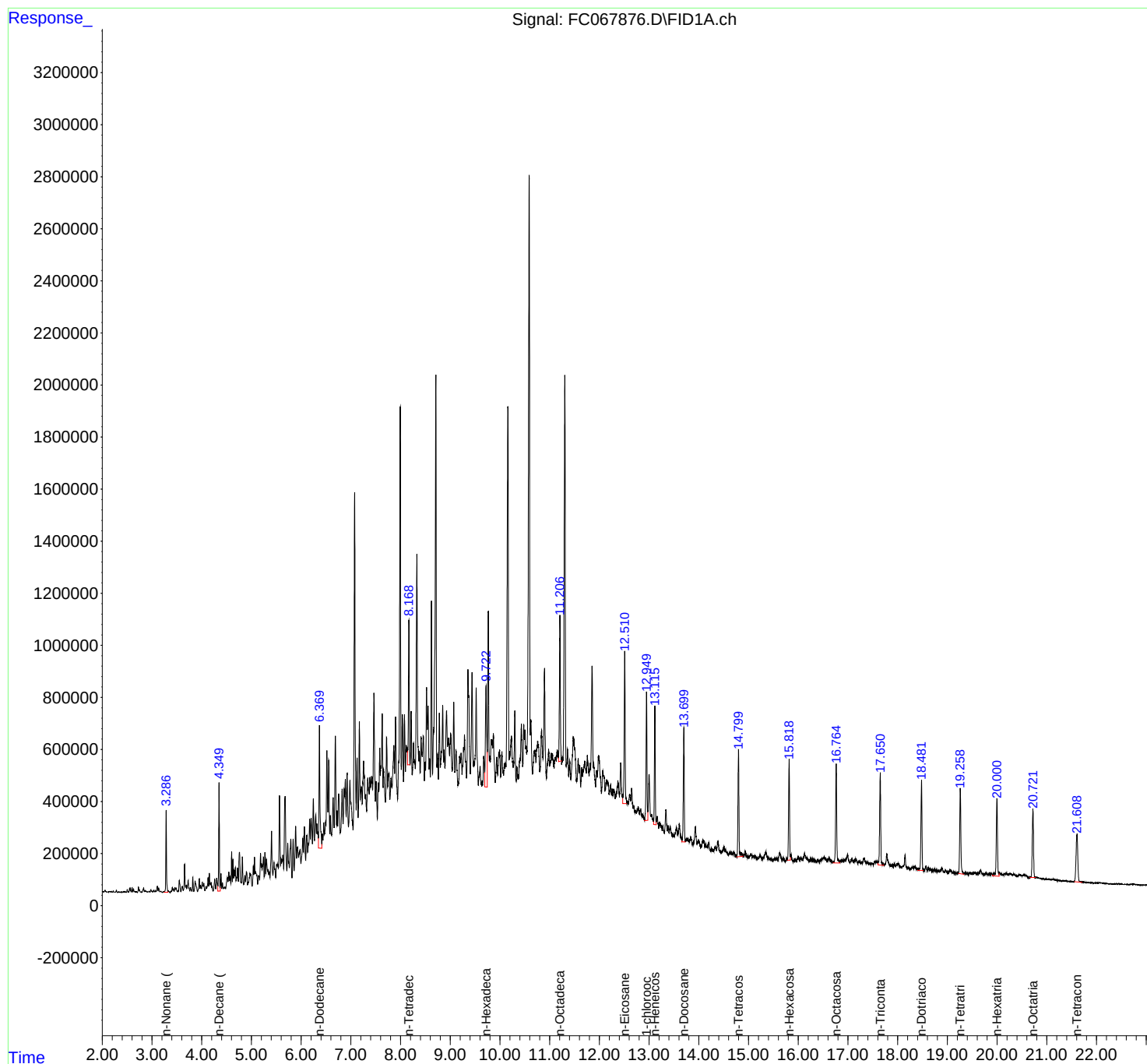
Instrument :
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EX-7-TPH-1MS

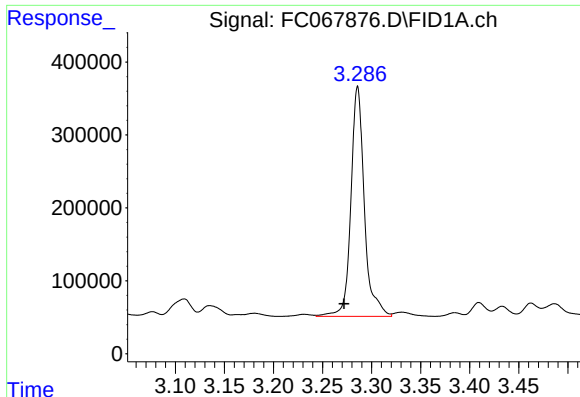
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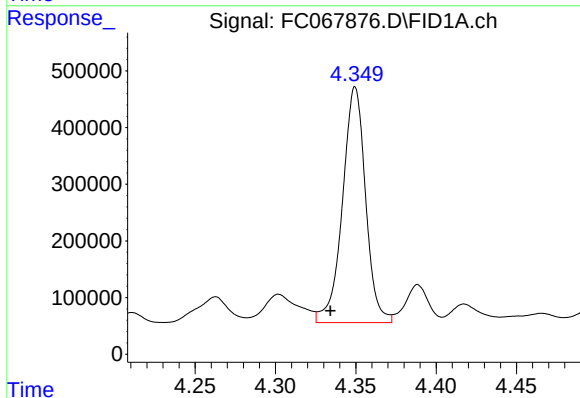
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.014 min
Response: 3013106
Conc: 18.47 ug/ml

Instrument :
FID_C
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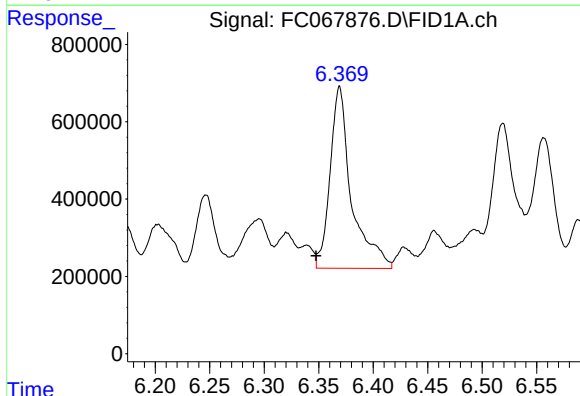
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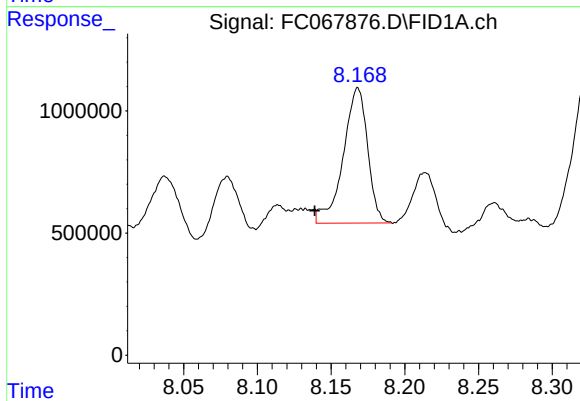
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.015 min
Response: 4170816
Conc: 25.15 ug/ml



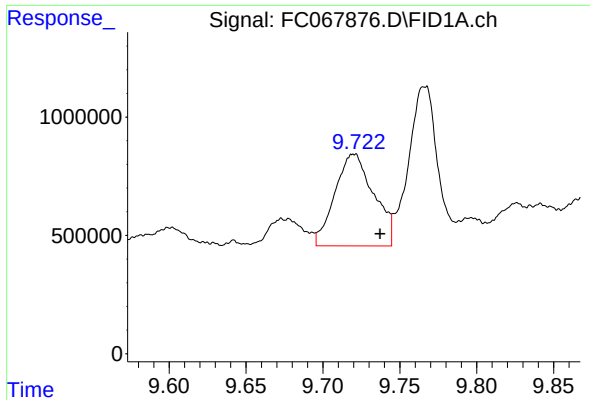
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: 0.021 min
Response: 6431282
Conc: 38.18 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.029 min
Response: 6370966
Conc: 38.04 ug/ml m



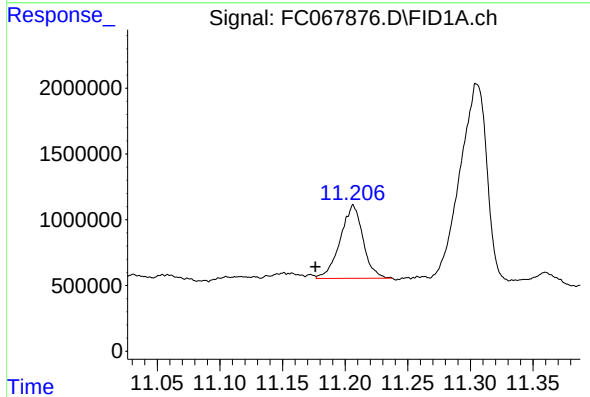
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.016 min
Response: 6830899
Conc: 39.42 ug/ml

Instrument :
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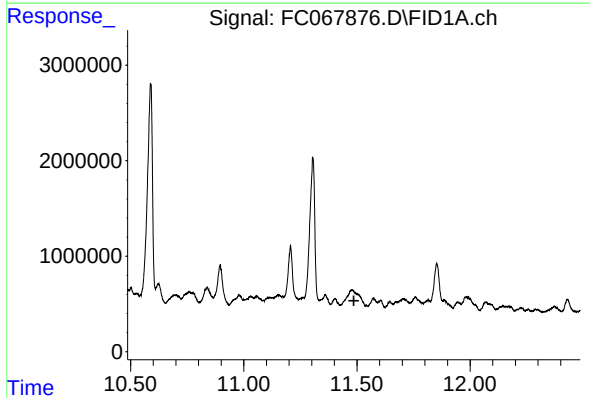
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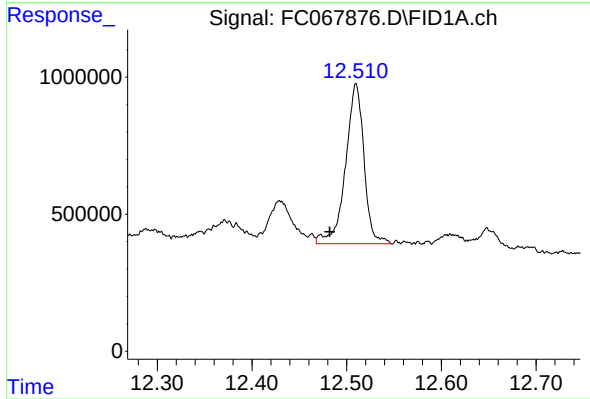
#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: 0.030 min
Response: 7042406
Conc: 40.03 ug/ml m



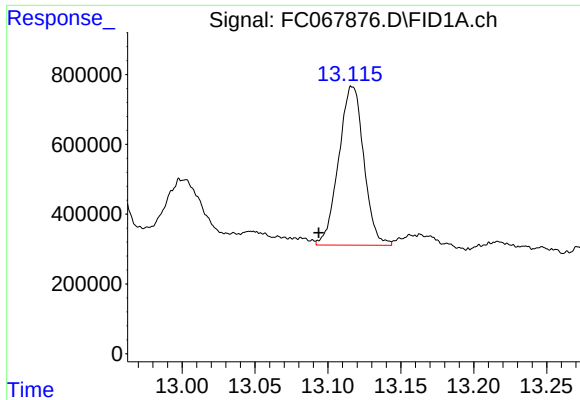
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.027 min
Response: 7916470
Conc: 47.01 ug/ml m



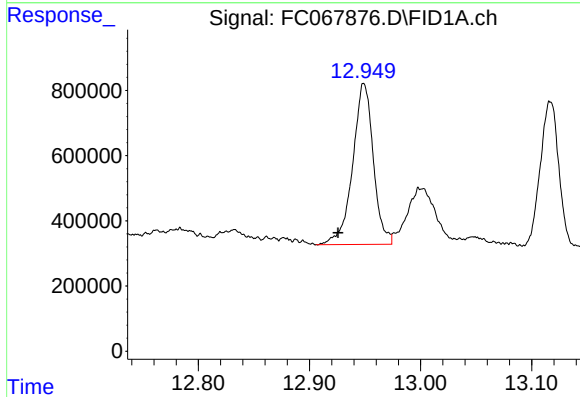
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.022 min
Response: 5446451
Conc: 33.10 ug/ml

Instrument :
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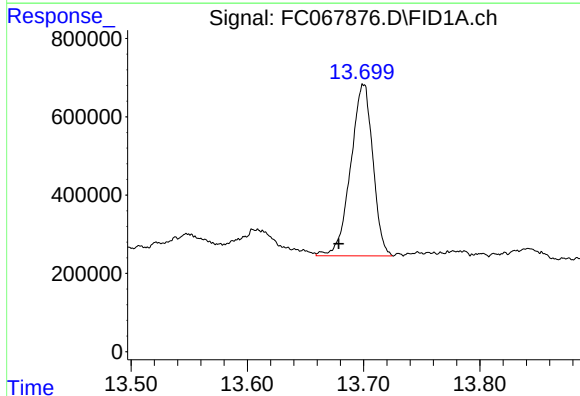
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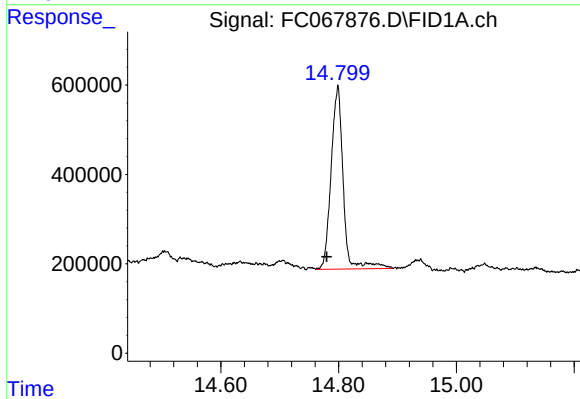
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: 0.023 min
Response: 6393016
Conc: 44.04 ug/ml m



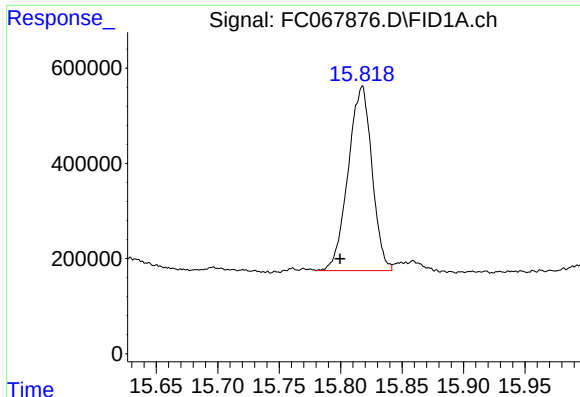
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.020 min
Response: 5808047
Conc: 35.66 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.019 min
Response: 5821883
Conc: 36.30 ug/ml m



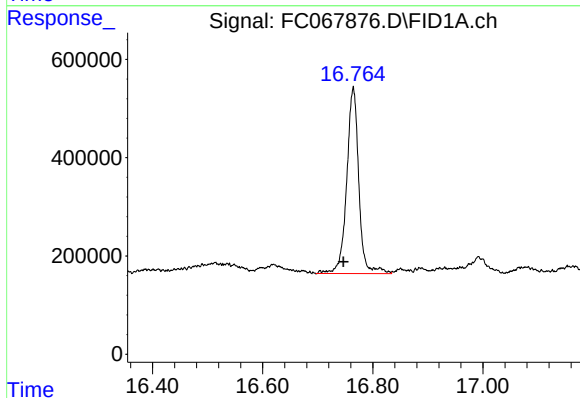
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.018 min
Response: 5224317
Conc: 33.74 ug/ml

Instrument :
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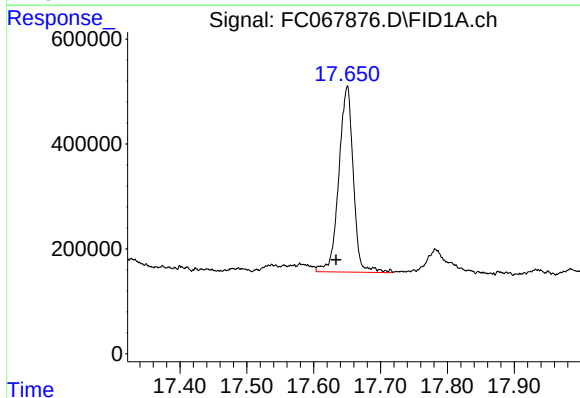
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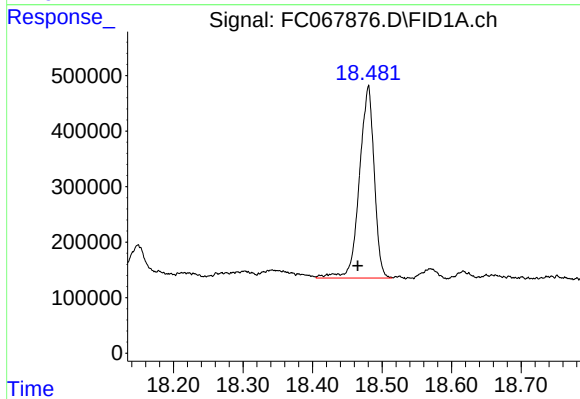
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.018 min
Response: 5789351
Conc: 38.33 ug/ml m



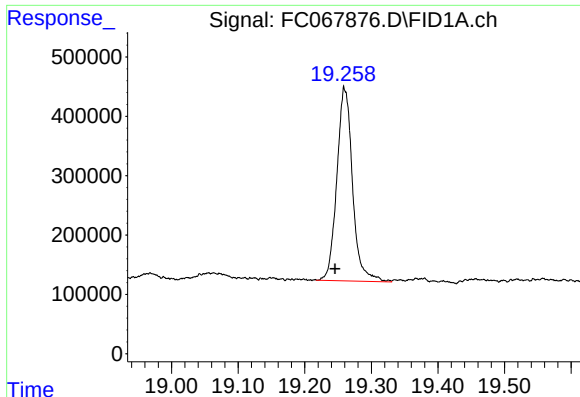
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: 0.017 min
Response: 5341413
Conc: 34.89 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: 0.016 min
Response: 5123060
Conc: 34.69 ug/ml m



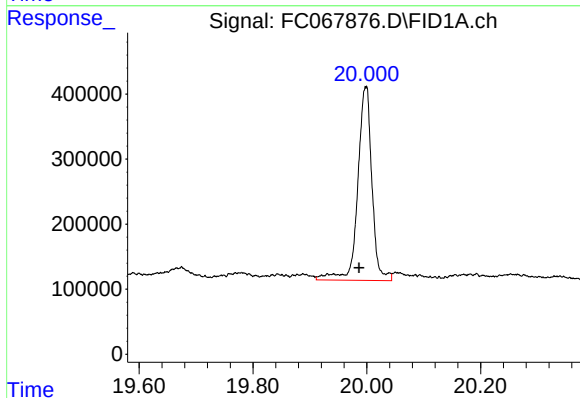
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.015 min
Response: 5338292
Conc: 42.32 ug/ml

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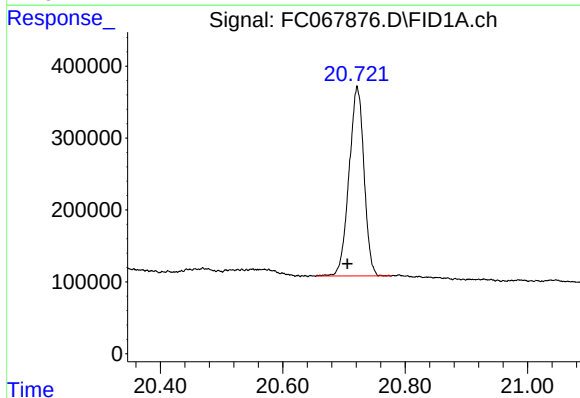
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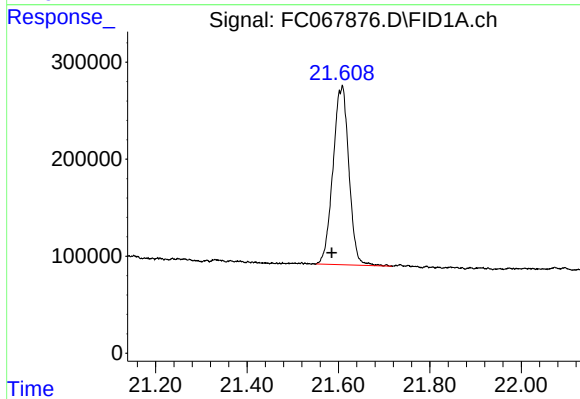
#20 n-Hexatriacontane (C36)

R.T.: 19.998 min
Delta R.T.: 0.012 min
Response: 5162157
Conc: 49.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.016 min
Response: 4461491
Conc: 45.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.022 min
Response: 4445757
Conc: 45.61 ug/ml