

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063315.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 01:05
 Operator : YP/AJ
 Sample : 02139-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 06:36:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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...	12.994	6464176	58.422 ug/mlm
Spiked Amount 50.000		Recovery =	116.84%
Target Compounds			
1) T n-Nonane (C9)	3.302	12518348	89.164 ug/ml
2) T n-Decane (C10)	4.379	37343005	274.034 ug/ml
4) T n-Dodecane (C12)	6.425	96465915	717.077 ug/mlm
6) T n-Tetradecane (C14)	8.237f	114268358	844.085 ug/mlm
7) T n-Hexadecane (C16)	9.841f	105220075	774.837 ug/mlm
8) T n-Octadecane (C18)	11.277f	78540501	567.026 ug/mlm
10) T n-Eicosane (C20)	12.572	53630032	399.180 ug/mlm
11) T n-Heneicosane (C21)	13.174	38868915	288.799 ug/mlm
13) T n-Docosane (C22)	13.752	29089937	218.140 ug/mlm
14) T n-Tetracosane (C24)	14.836	14014773	104.234 ug/mlm
15) T n-Hexacosane (C26)	15.845	6864584	51.284 ug/mlm
16) T n-Octacosane (C28)	16.788	5013419	37.026 ug/ml
17) T n-Tricontane (C30)	17.670	4689115	33.897 ug/ml
18) T n-Dotriacontane (C32)	18.501	4612807	32.674 ug/ml
19) T n-Tetratriacontane (C34)	19.282	4576261	33.161 ug/ml
20) T n-Hexatriacontane (C36)	20.018	4370152	34.190 ug/ml
21) T n-Octatriacontane (C38)	20.745	4252671	34.538 ug/ml
22) T n-Tetracontane (C40)	21.638	3960691	33.657 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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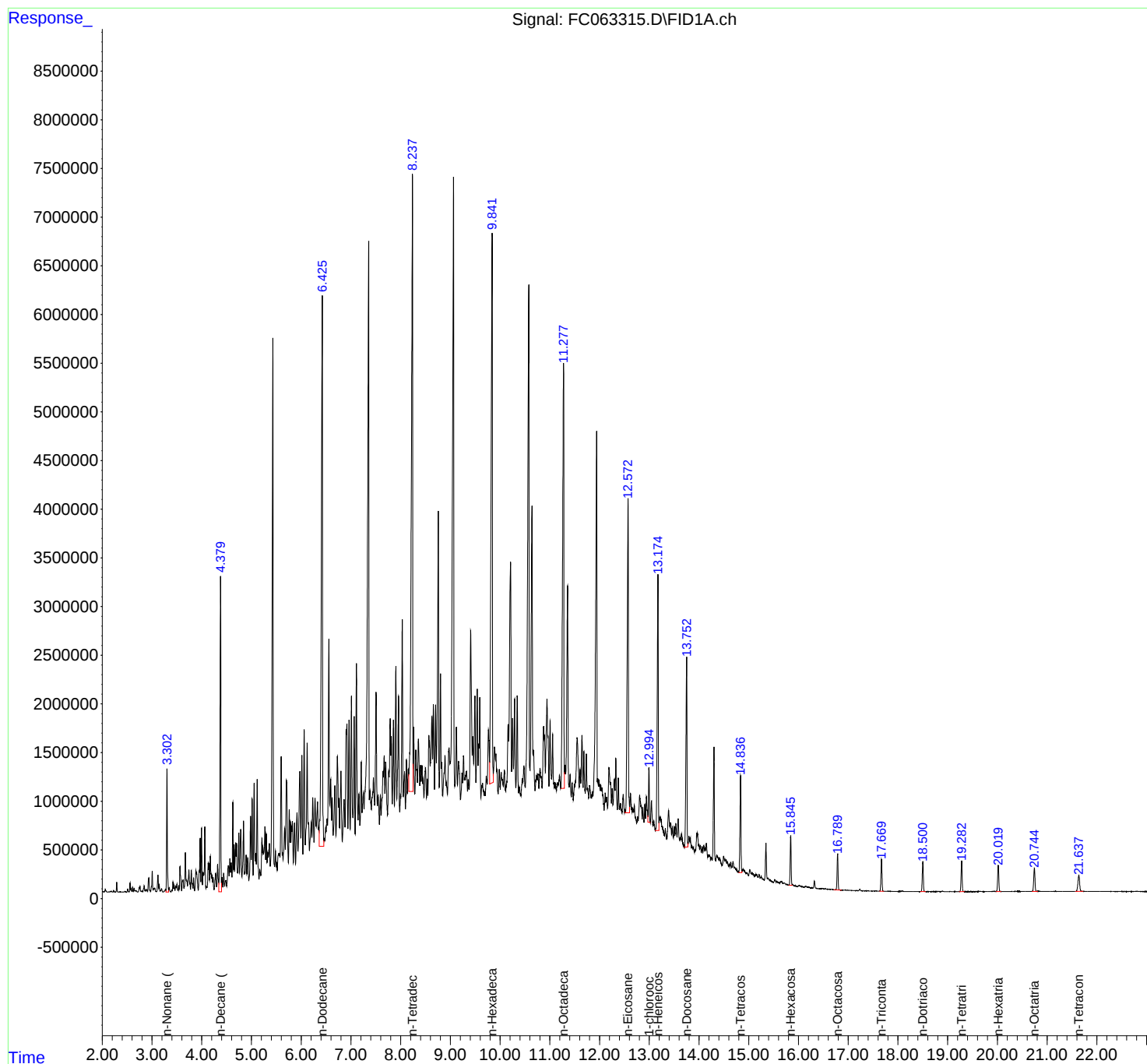
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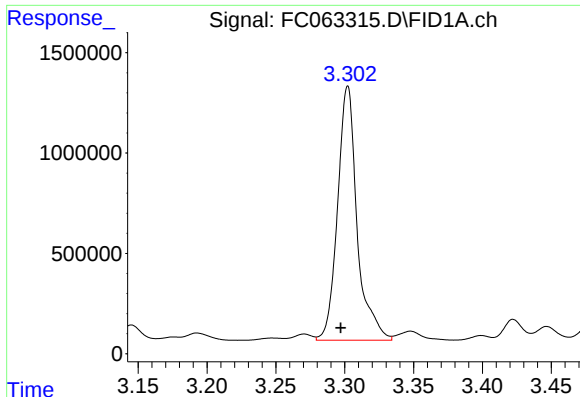
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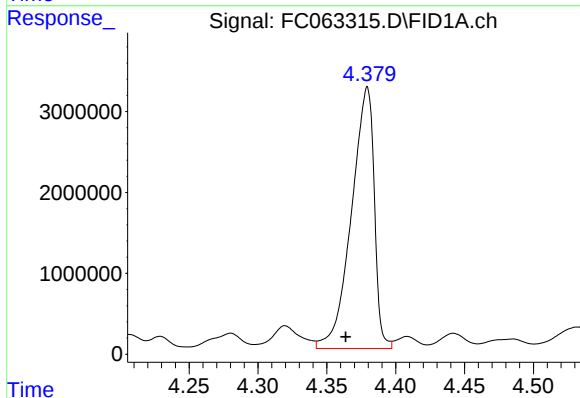
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 12518348
Conc: 89.16 ug/ml

Instrument :
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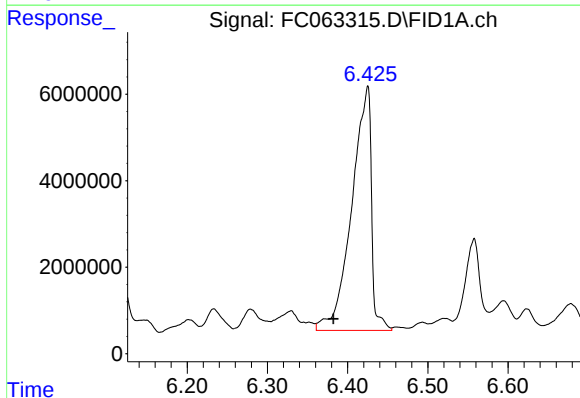
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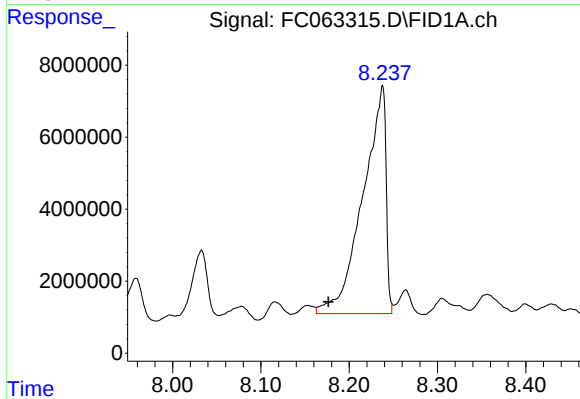
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.016 min
Response: 37343005
Conc: 274.03 ug/ml



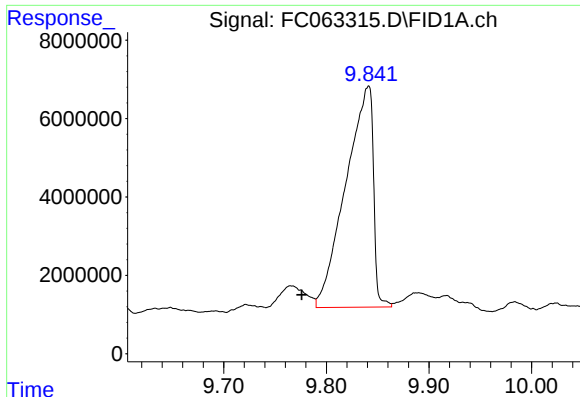
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: 0.043 min
Response: 96465915
Conc: 717.08 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.061 min
Response: 114268358
Conc: 844.08 ug/ml m



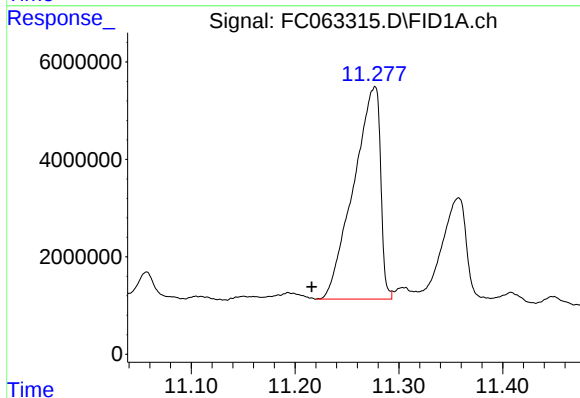
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: 0.065 min
Response: 105220075
Conc: 774.84 ug/ml

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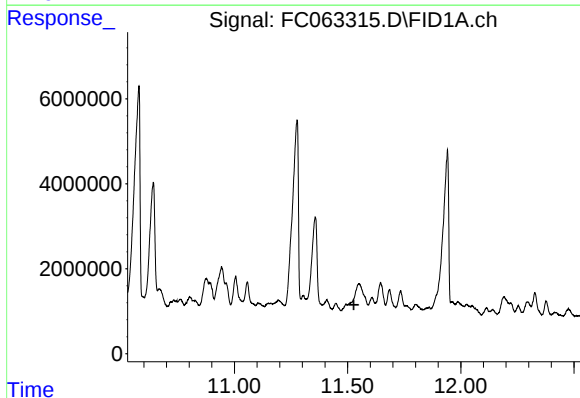
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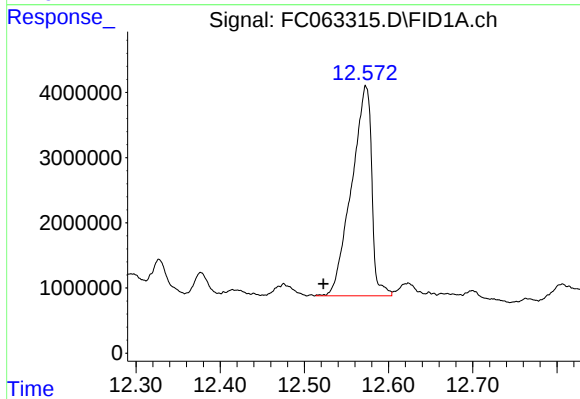
#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.061 min
Response: 78540501
Conc: 567.03 ug/ml m



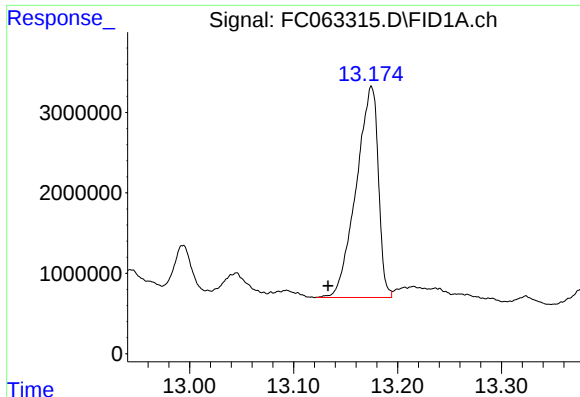
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.050 min
Response: 53630032
Conc: 399.18 ug/ml m



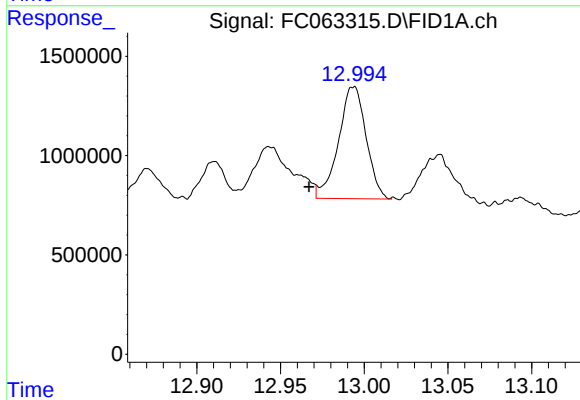
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.041 min
Response: 38868915
Conc: 288.80 ug/ml

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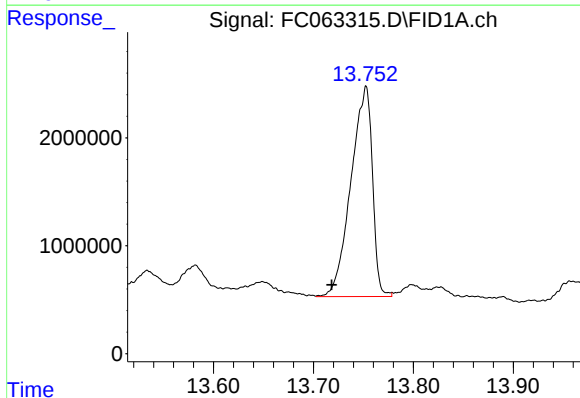
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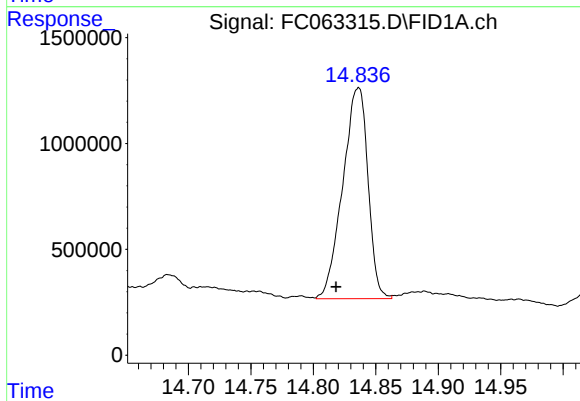
#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: 0.027 min
Response: 6464176
Conc: 58.42 ug/ml m



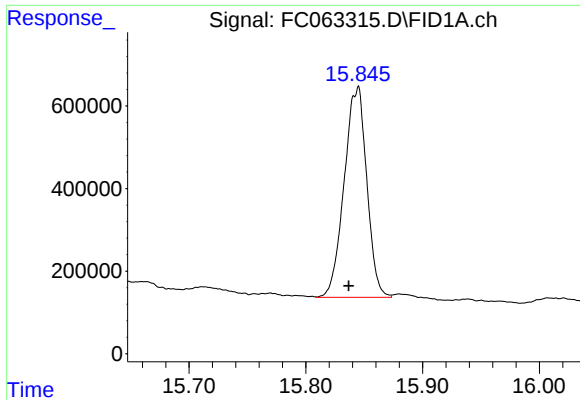
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: 0.034 min
Response: 29089937
Conc: 218.14 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: 0.018 min
Response: 14014773
Conc: 104.23 ug/ml m



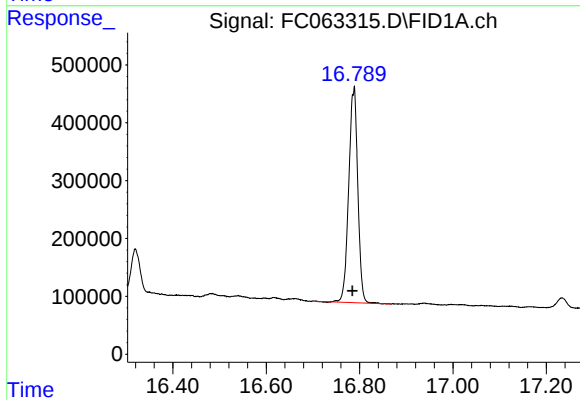
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.008 min
Response: 6864584
Conc: 51.28 ug/ml

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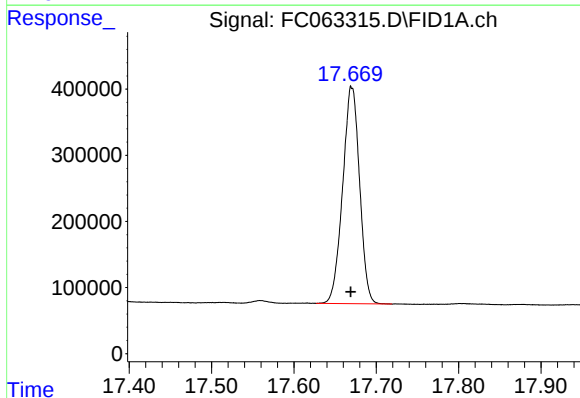
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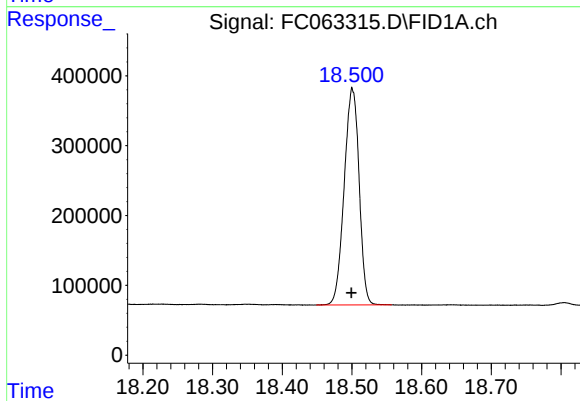
#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.004 min
Response: 5013419
Conc: 37.03 ug/ml



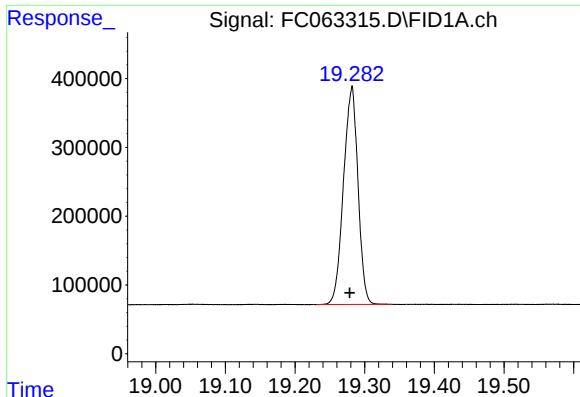
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: 0.000 min
Response: 4689115
Conc: 33.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.001 min
Response: 4612807
Conc: 32.67 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.003 min
Response: 4576261
Conc: 33.16 ug/ml

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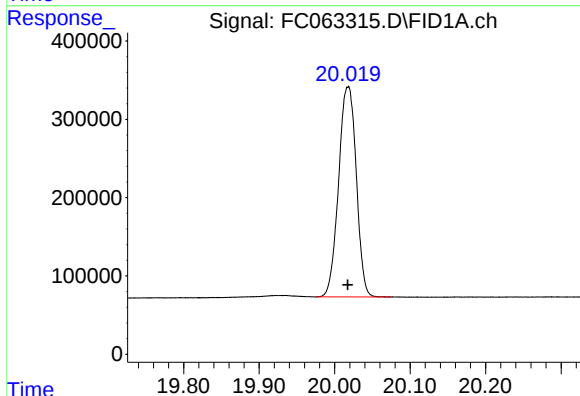
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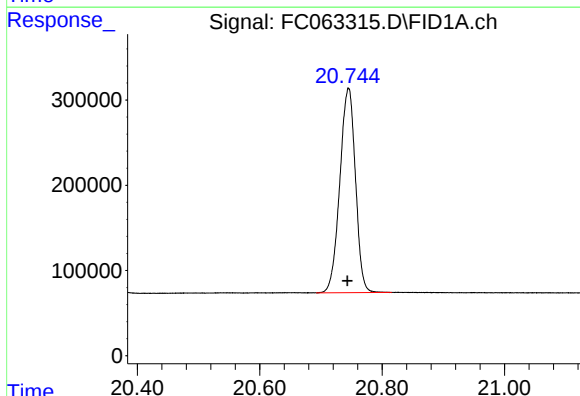
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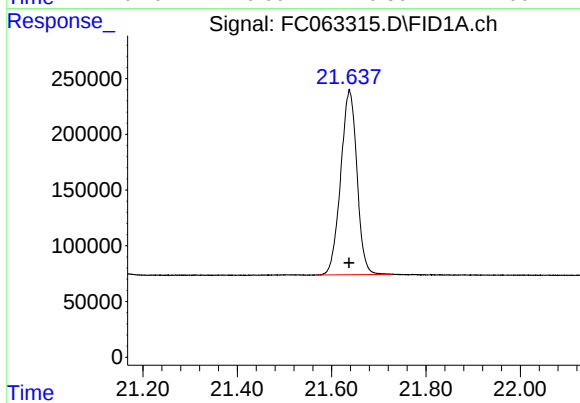
#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 4370152
Conc: 34.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.002 min
Response: 4252671
Conc: 34.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.000 min
Response: 3960691
Conc: 33.66 ug/ml