

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062011.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 03:40
 Operator : YP/AJ
 Sample : N5219-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BACKYARD-SURFACE-AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 04:54:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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...	13.023	3076163	26.405 ug/ml
Spiked Amount 50.000		Recovery =	52.81%
Target Compounds			
1) T n-Nonane (C9)	3.351	3020464	21.473 ug/ml
2) T n-Decane (C10)	4.418	3658211	25.627 ug/ml
4) T n-Dodecane (C12)	6.434	4367203	30.083 ug/ml
6) T n-Tetradecane (C14)	8.229	4647270	31.970 ug/ml
7) T n-Hexadecane (C16)	9.830	4823214	33.121 ug/ml
8) T n-Octadecane (C18)	11.271	4953967	34.274 ug/ml
10) T n-Eicosane (C20)	12.580	4743411	33.609 ug/ml
11) T n-Heneicosane (C21)	13.192	4674573	33.689 ug/ml
13) T n-Docosane (C22)	13.777	4580210	33.410 ug/ml
14) T n-Tetracosane (C24)	14.879	4416036	33.421 ug/ml
15) T n-Hexacosane (C26)	15.900	4246360	33.700 ug/ml
16) T n-Octacosane (C28)	16.849	4102087	34.012 ug/ml
17) T n-Tricontane (C30)	17.735	4064234	34.158 ug/ml
18) T n-Dotriacontane (C32)	18.568	4091429	34.726 ug/ml
19) T n-Tetratriacontane (C34)	19.350	4085913	36.167 ug/ml
20) T n-Hexatriacontane (C36)	20.089	3839209	33.853 ug/ml
21) T n-Octatriacontane (C38)	20.826	3740481	33.243 ug/ml
22) T n-Tetracontane (C40)	21.740	3600554	32.071 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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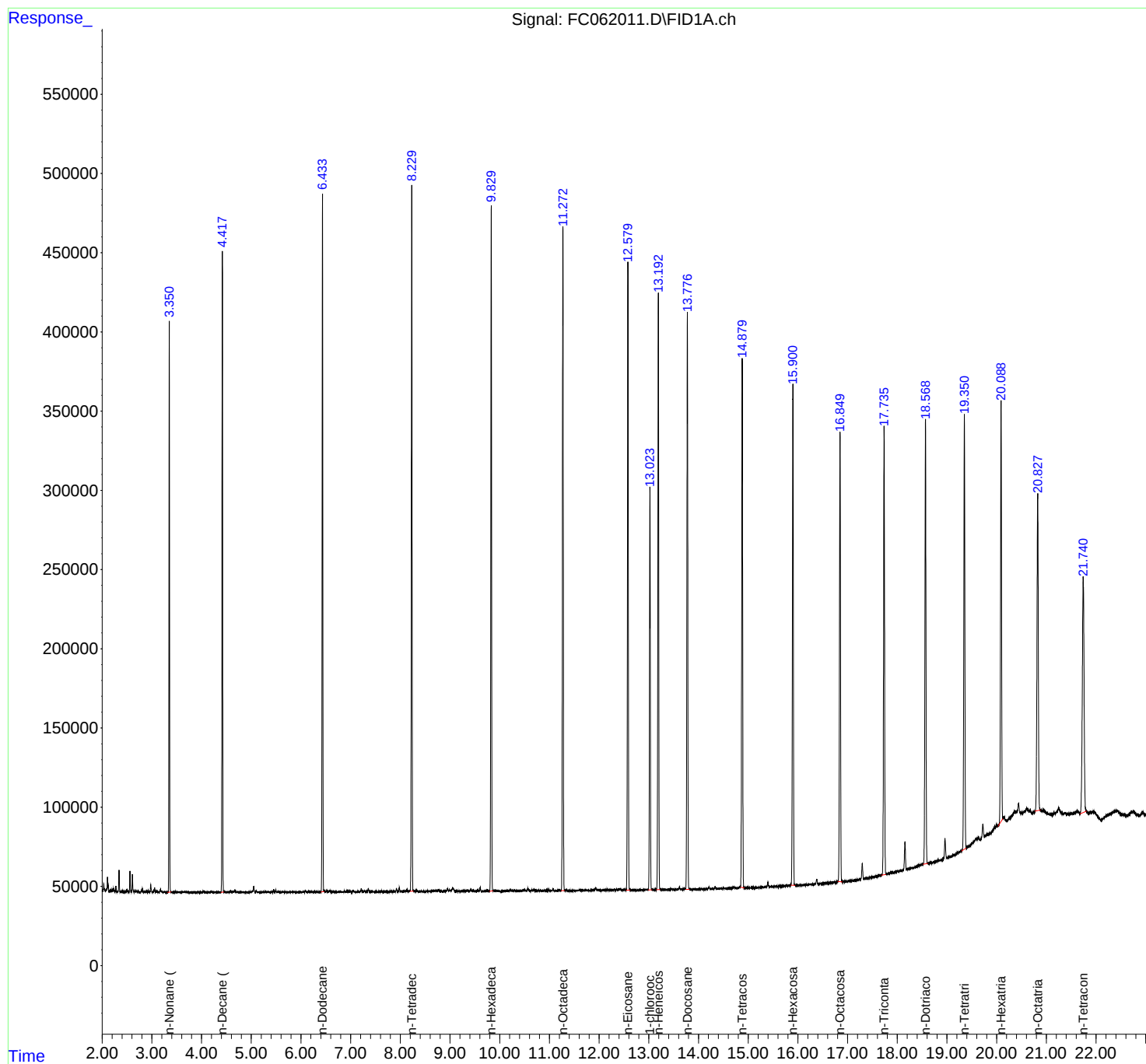
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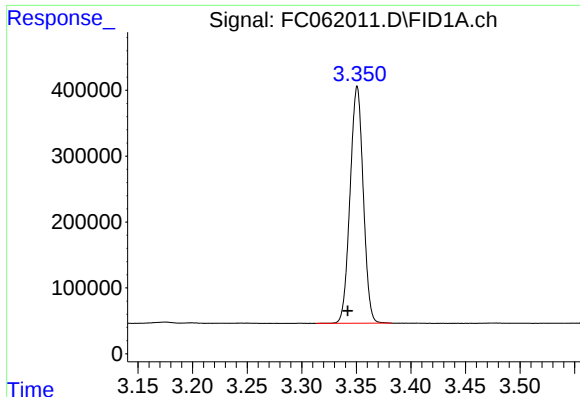
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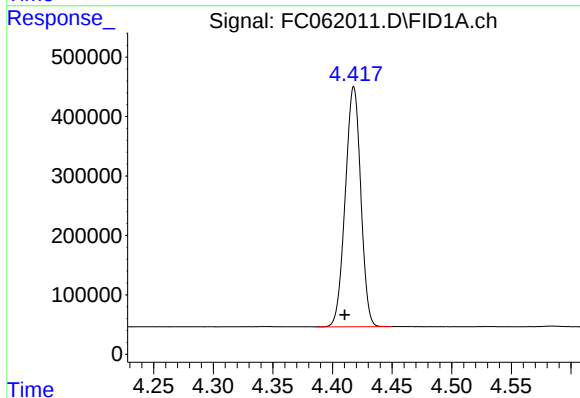
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 3020464
Conc: 21.47 ug/ml

Instrument :
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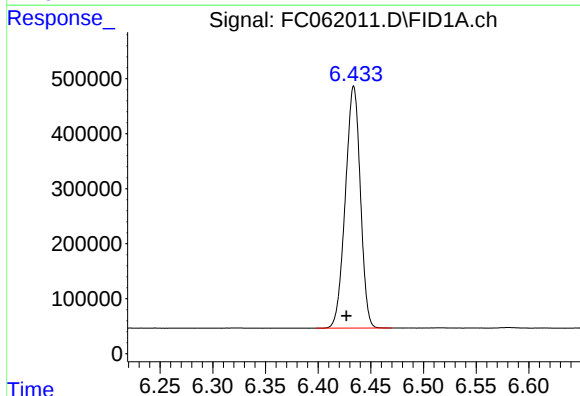
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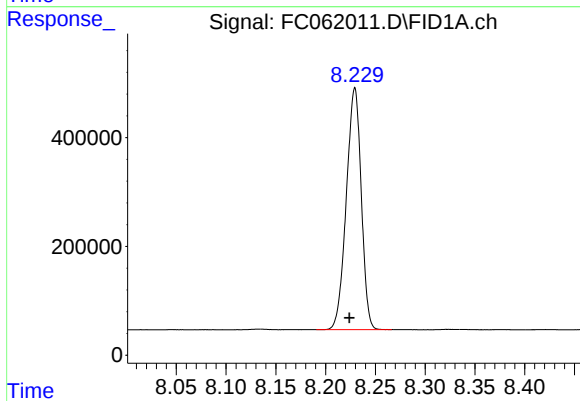
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: 0.008 min
Response: 3658211
Conc: 25.63 ug/ml



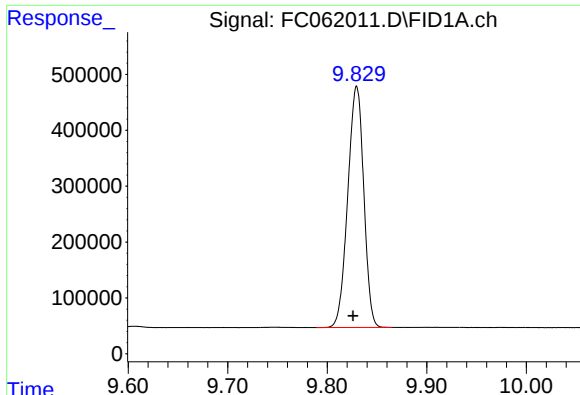
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 4367203
Conc: 30.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: 0.005 min
Response: 4647270
Conc: 31.97 ug/ml



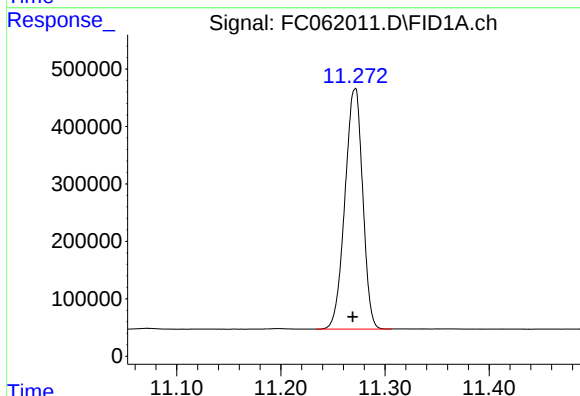
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: 0.004 min
Response: 4823214
Conc: 33.12 ug/ml

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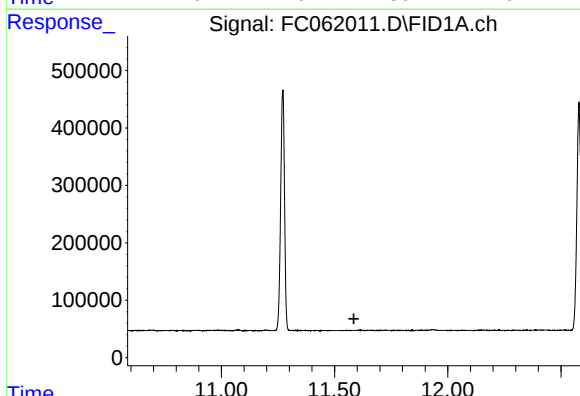
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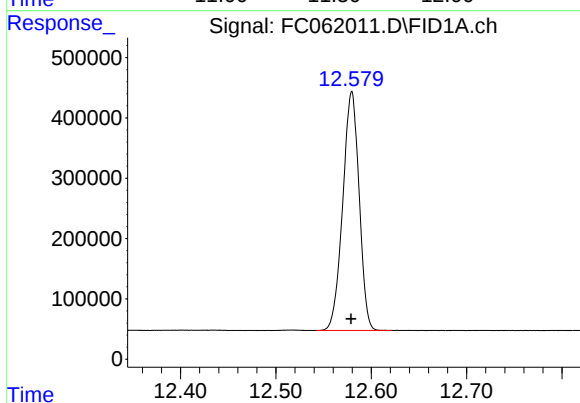
#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 4953967
Conc: 34.27 ug/ml



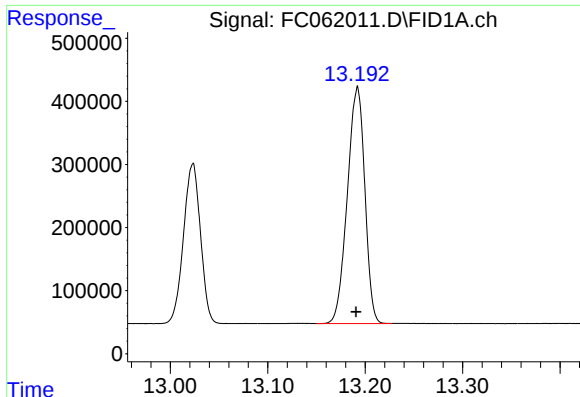
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 4743411
Conc: 33.61 ug/ml



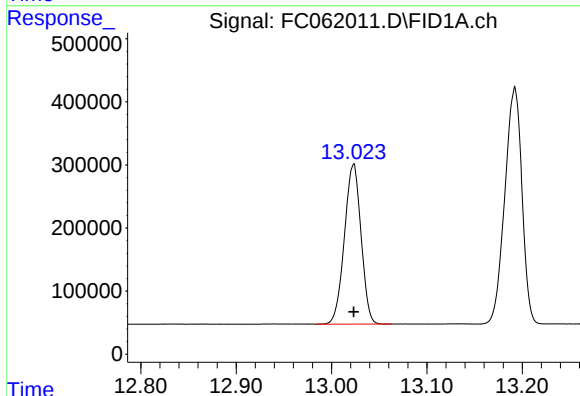
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.001 min
Response: 4674573
Conc: 33.69 ug/ml

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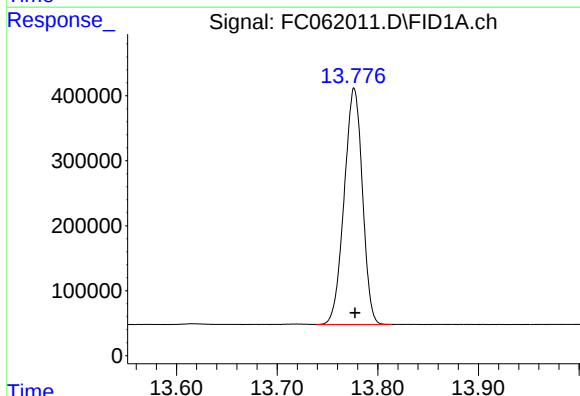
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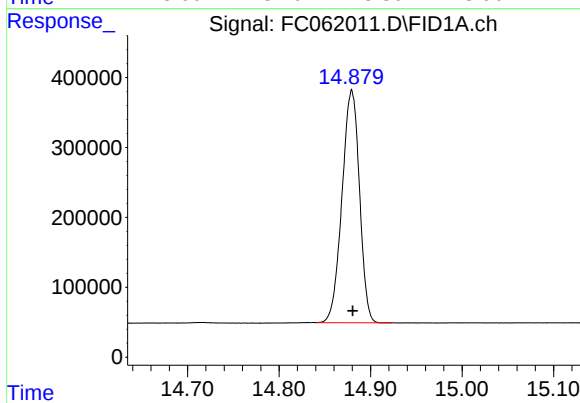
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 3076163
Conc: 26.40 ug/ml



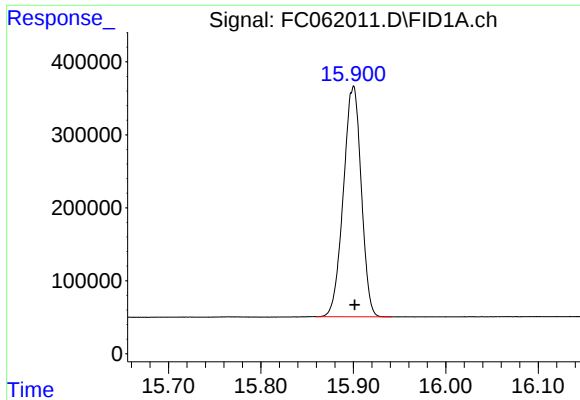
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: 0.000 min
Response: 4580210
Conc: 33.41 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: 0.000 min
Response: 4416036
Conc: 33.42 ug/ml



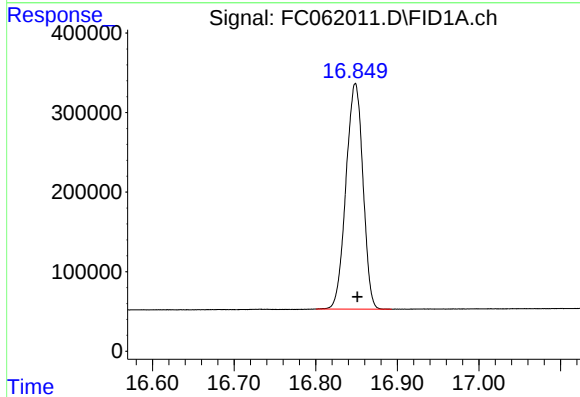
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.001 min
Response: 4246360
Conc: 33.70 ug/ml

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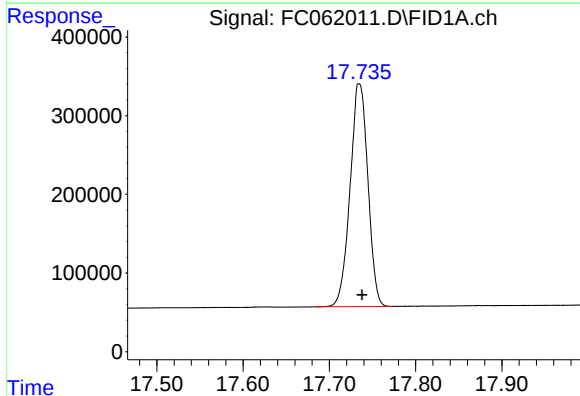
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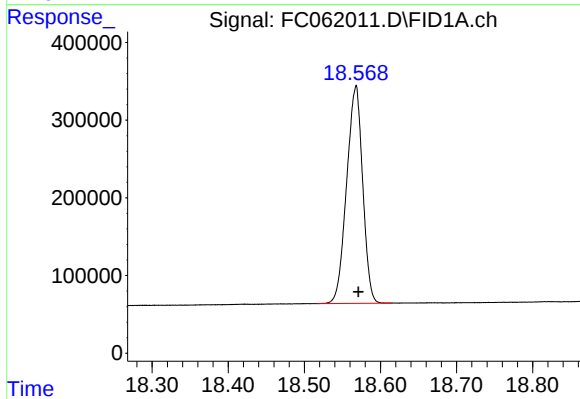
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.003 min
Response: 4102087
Conc: 34.01 ug/ml



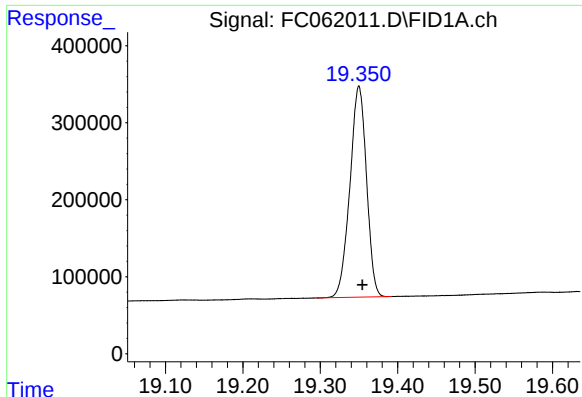
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 4064234
Conc: 34.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.003 min
Response: 4091429
Conc: 34.73 ug/ml



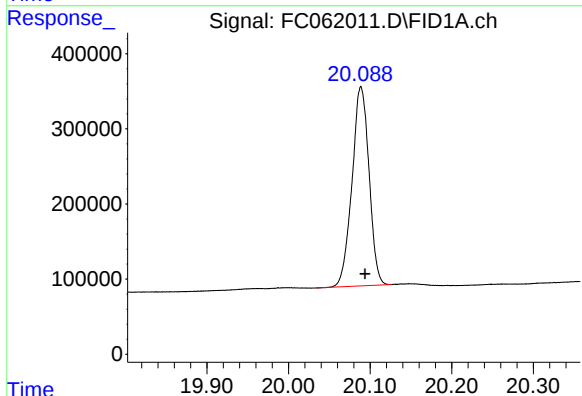
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 4085913
Conc: 36.17 ug/ml

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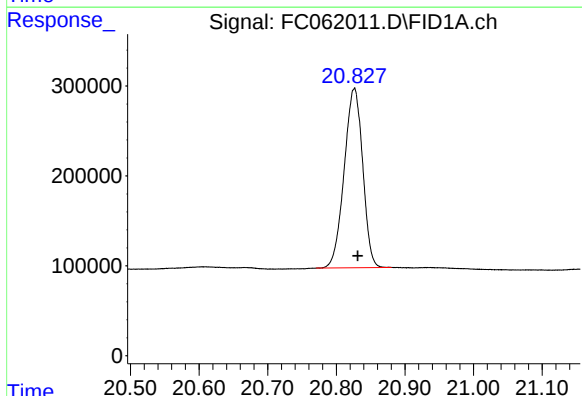
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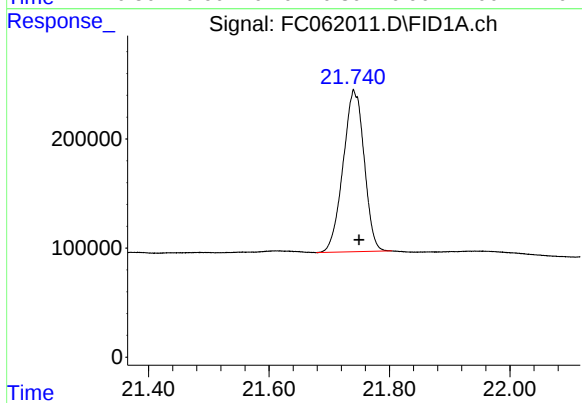
#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 3839209
Conc: 33.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.005 min
Response: 3740481
Conc: 33.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 3600554
Conc: 32.07 ug/ml m