Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
Data File : FC069188.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2025 15:44
Operator : YP/AJ
Sample : Q2177-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-187-SB01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
Quant Time: Jun 13 02:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 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			
12) S	1-chlorooctadecane (S...	13.115	3115327	34.725 ug/ml
Spiked Amount	50.000		Recovery =	69.45%
	Target Compounds			
1) T	n-Nonane (C9)	3.407	1424389	13.422 ug/ml
2) T	n-Decane (C10)	4.482	1735196	16.384 ug/ml
4) T	n-Dodecane (C12)	6.507	2138282	20.341 ug/ml
6) T	n-Tetradecane (C14)	8.306	2353005	22.955 ug/ml
7) T	n-Hexadecane (C16)	9.911	2205193	21.733 ug/ml
8) T	n-Octadecane (C18)	11.355	2183694	21.849 ug/ml
10) T	n-Eicosane (C20)	12.667	2257465	23.178 ug/ml
11) T	n-Heneicosane (C21)	13.281	2158500	22.425 ug/ml
13) T	n-Docosane (C22)	13.868	2168384	22.761 ug/ml
14) T	n-Tetracosane (C24)	14.974	2188543	23.245 ug/ml
15) T	n-Hexacosane (C26)	15.996	2198687	23.682 ug/ml
16) T	n-Octacosane (C28)	16.948	2204611	23.718 ug/ml
17) T	n-Tricontane (C30)	17.837	2232609	23.074 ug/ml
18) T	n-Dotriacontane (C32)	18.672	2265411	22.860 ug/ml
19) T	n-Tetratriacontane (C34)	19.458	2282304	23.680 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	2205666	23.235 ug/ml
21) T	n-Octatriacontane (C38)	20.968	2102262	23.042 ug/ml
22) T	n-Tetracontane (C40)	21.933	1813400	20.552 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
Data File : FC069188.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2025 15:44
Operator : YP/AJ
Sample : Q2177-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
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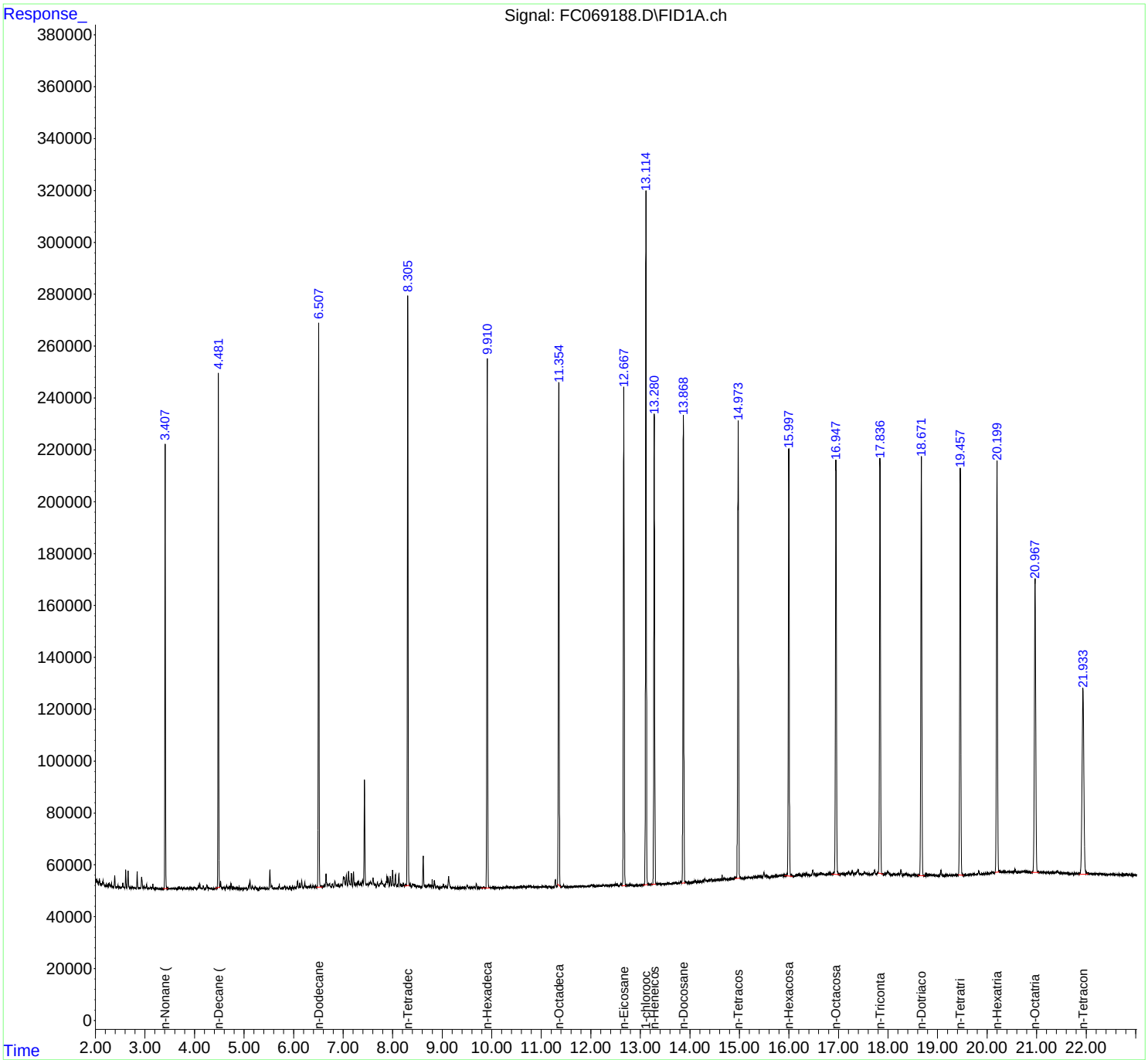
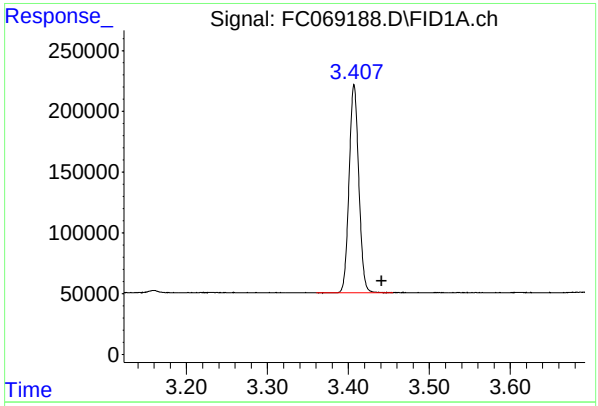
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.034 min
Response: 1424389
Conc: 13.42 ug/ml

Instrument :
FID_C
ClientSampleId :
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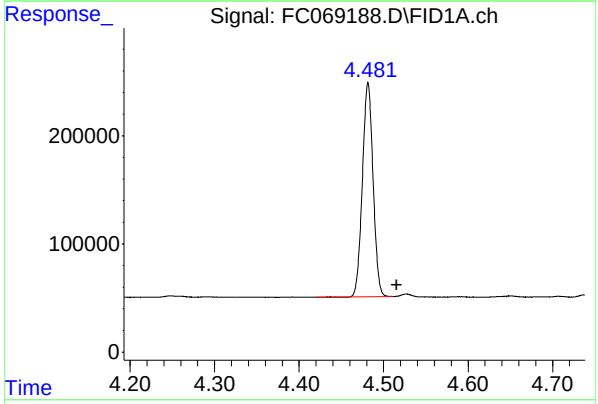
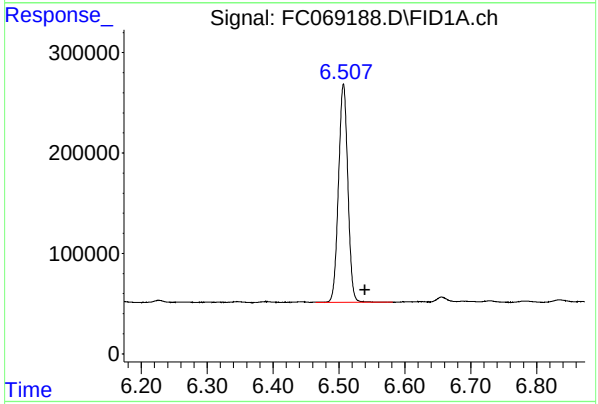


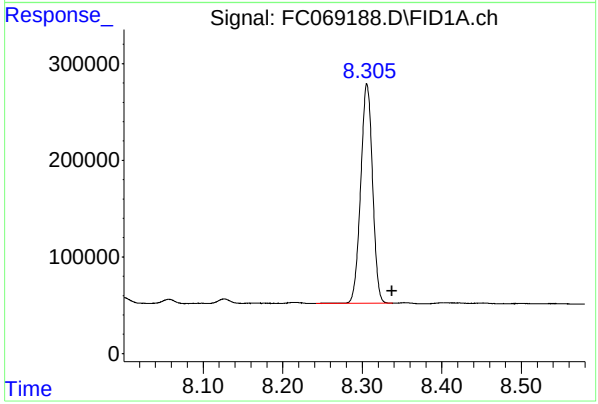
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.034 min
Response: 1735196
Conc: 16.38 ug/ml



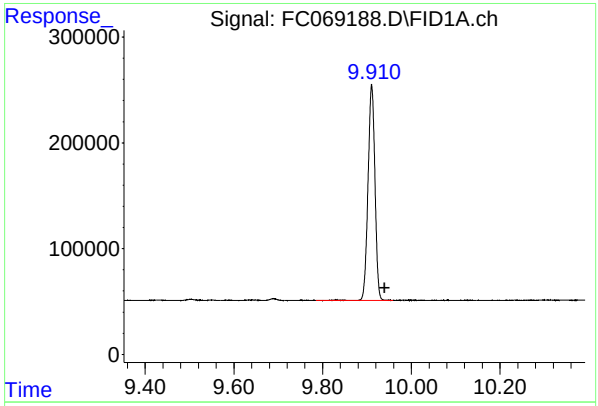
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 2138282
Conc: 20.34 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 2353005
Conc: 22.96 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 2205193
Conc: 21.73 ug/ml

Instrument :
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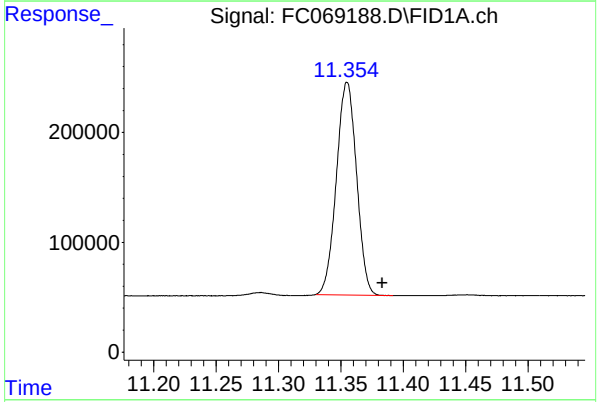
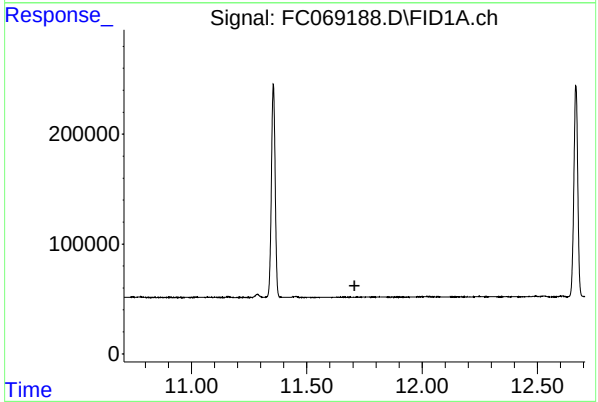
Supervised By :mohammad ahmed 06/16/2025



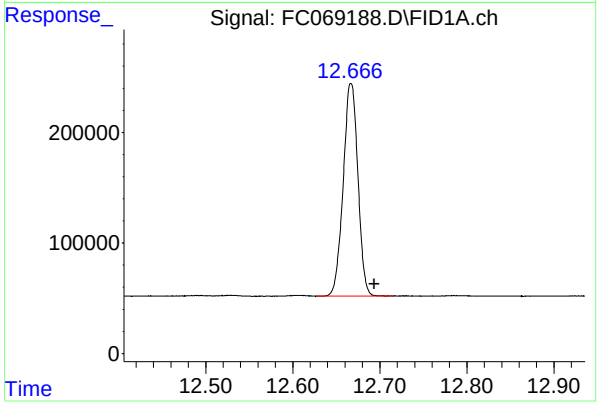
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 2183694
Conc: 21.85 ug/ml



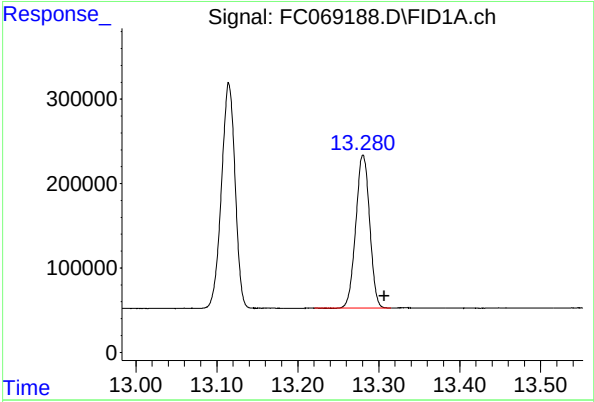
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.027 min
Response: 2257465
Conc: 23.18 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 2158500
Conc: 22.43 ug/ml

Instrument :
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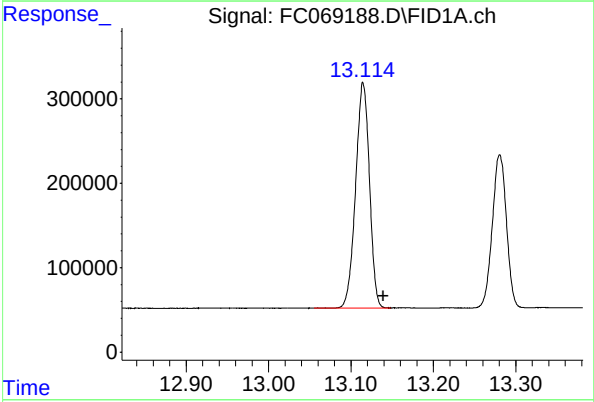
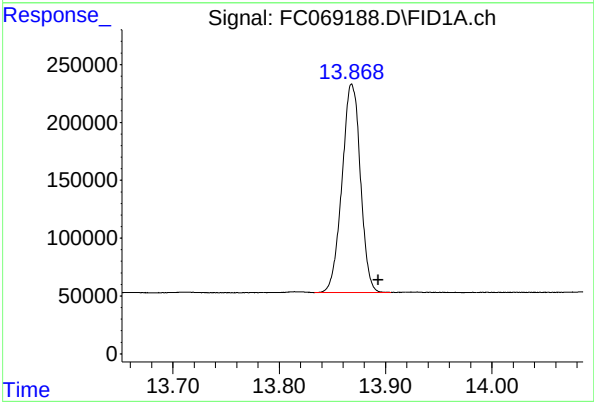


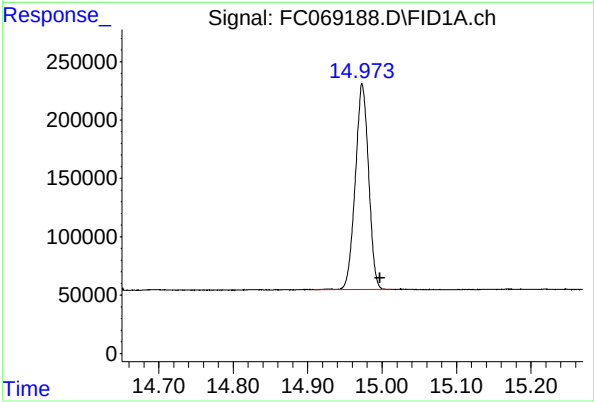
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3115327
Conc: 34.73 ug/ml



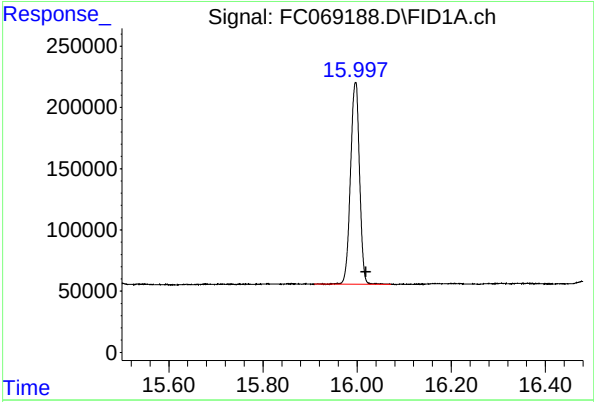
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.025 min
Response: 2168384
Conc: 22.76 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 2188543
Conc: 23.24 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.022 min
Response: 2198687
Conc: 23.68 ug/ml

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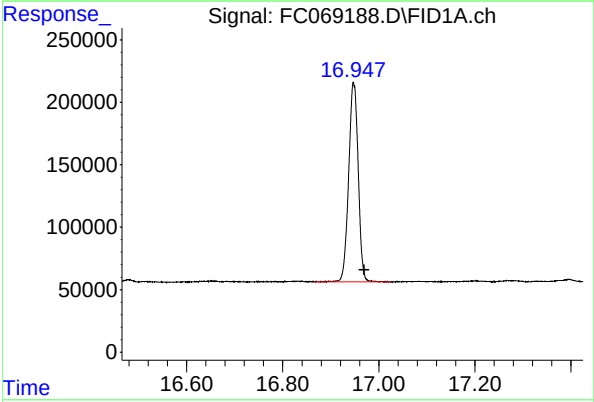
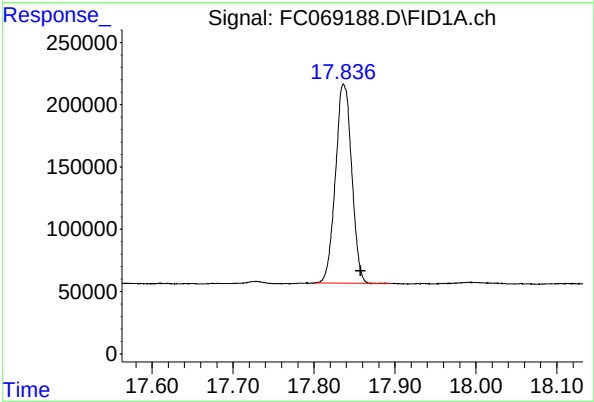


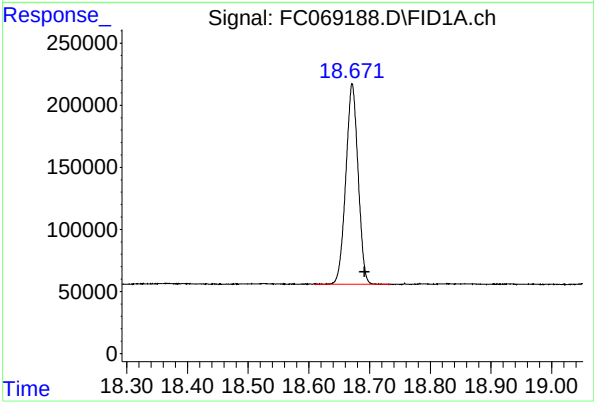
#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.022 min
Response: 2204611
Conc: 23.72 ug/ml



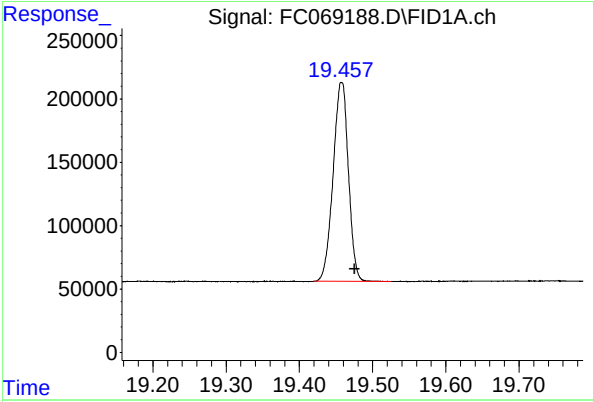
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: -0.021 min
Response: 2232609
Conc: 23.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.021 min
Response: 2265411
Conc: 22.86 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: -0.018 min
Response: 2282304
Conc: 23.68 ug/ml

Instrument :
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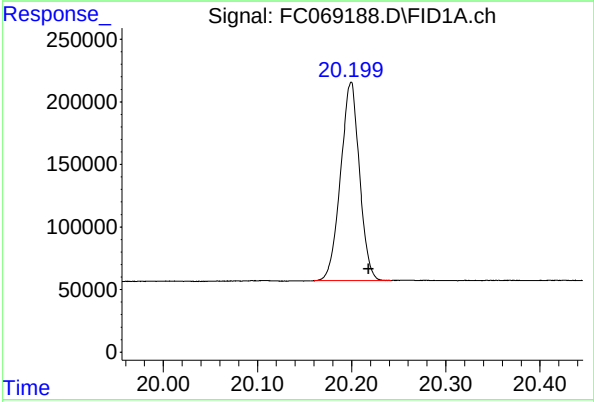
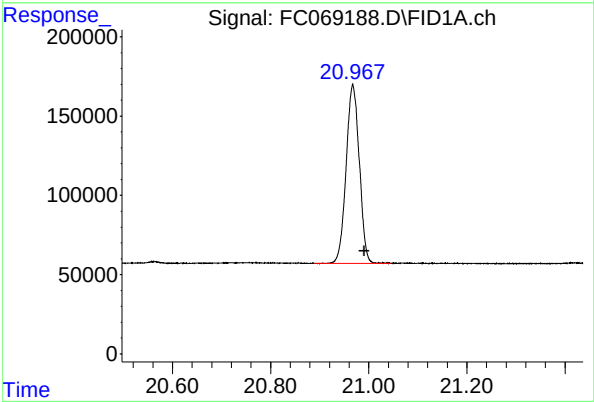


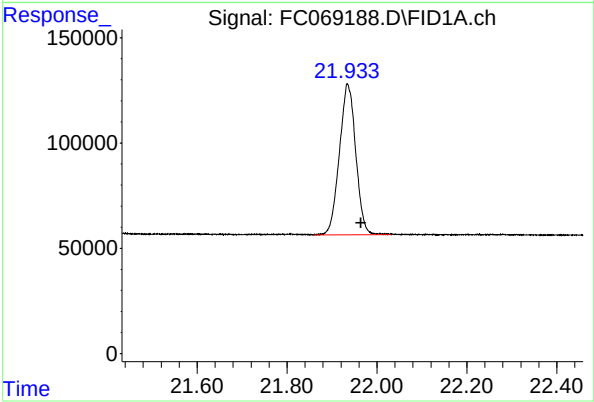
#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: -0.019 min
Response: 2205666
Conc: 23.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.023 min
Response: 2102262
Conc: 23.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.032 min
Response: 1813400
Conc: 20.55 ug/ml m