

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061323AL\
 Data File : FG012168.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 09:16
 Operator : YP\AJ
 Sample : 02213-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:45:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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...	12.349	5741642	48.419 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T n-Nonane (C9)	2.750	163062	1.416 ug/ml
2) T n-Decane (C10)	3.759	206260	1.749 ug/ml
4) T n-Dodecane (C12)	5.750	256817	2.141 ug/ml
6) T n-Tetradecane (C14)	7.544	249090	2.051 ug/ml
7) T n-Hexadecane (C16)	9.146	268657	2.069 ug/ml
8) T n-Octadecane (C18)	10.589	308815	2.269 ug/ml
10) T n-Eicosane (C20)	11.901	330896	2.452 ug/ml
11) T n-Heneicosane (C21)	12.513	288822	2.149 ug/ml
13) T n-Docosane (C22)	13.101	343901	2.545 ug/ml
14) T n-Tetracosane (C24)	14.205	370288	2.721 ug/ml
15) T n-Hexacosane (C26)	15.230	370685	2.771 ug/ml
16) T n-Octacosane (C28)	16.180	378426	2.899 ug/ml
17) T n-Tricontane (C30)	17.069	390982	2.964 ug/mlm
18) T n-Dotriacontane (C32)	17.904	396196	3.084 ug/mlm
19) T n-Tetratriacontane (C34)	18.688	352668	2.878 ug/mlm
20) T n-Hexatriacontane (C36)	19.430	315871	2.715 ug/mlm
21) T n-Octatriacontane (C38)	20.169	275510	2.452 ug/ml
22) T n-Tetracontane (C40)	21.085	259395	2.408 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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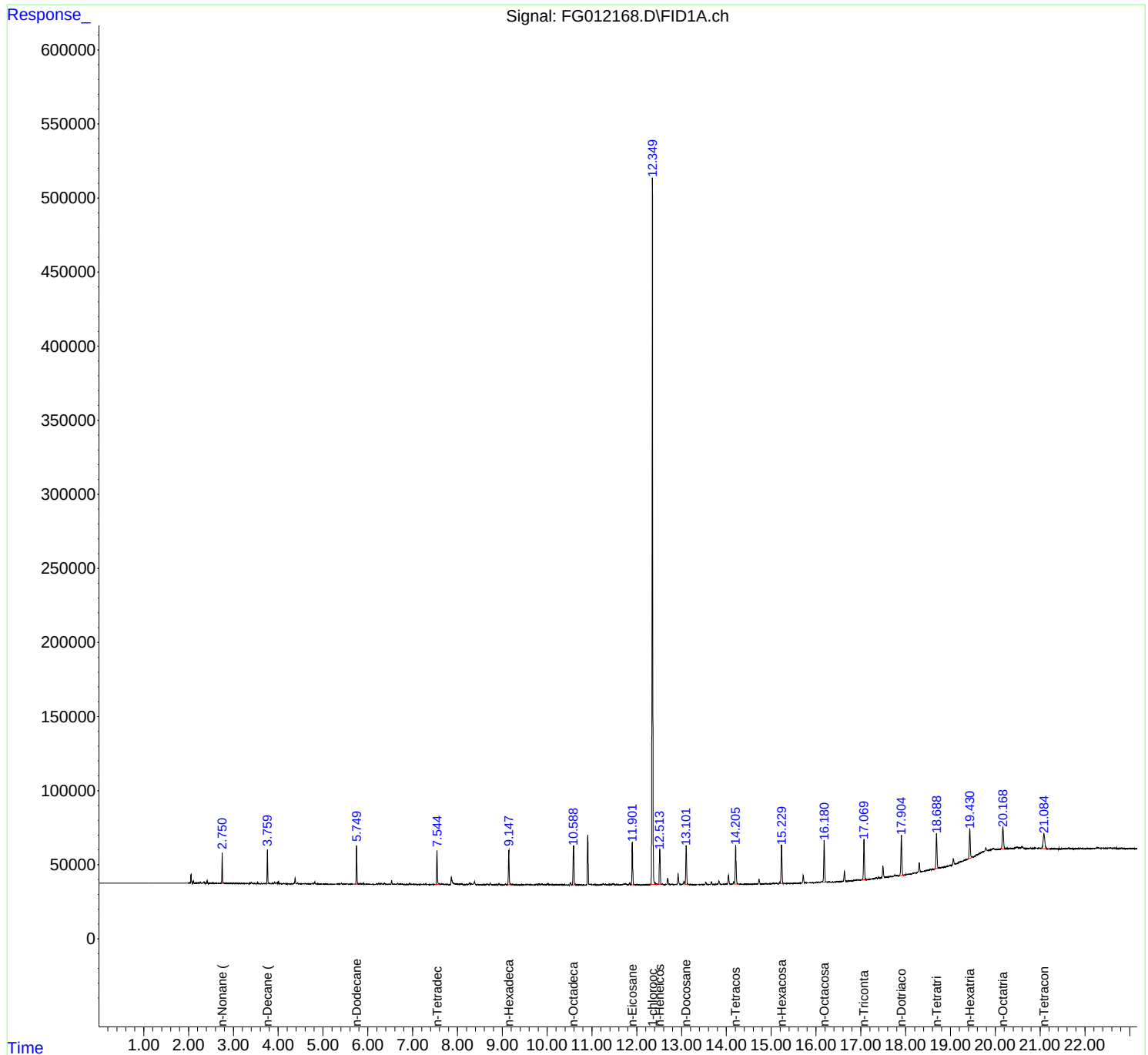
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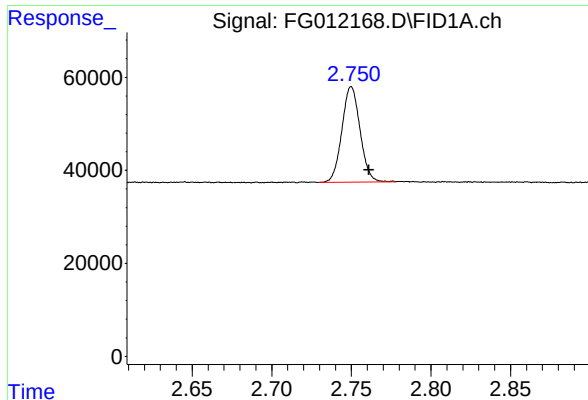
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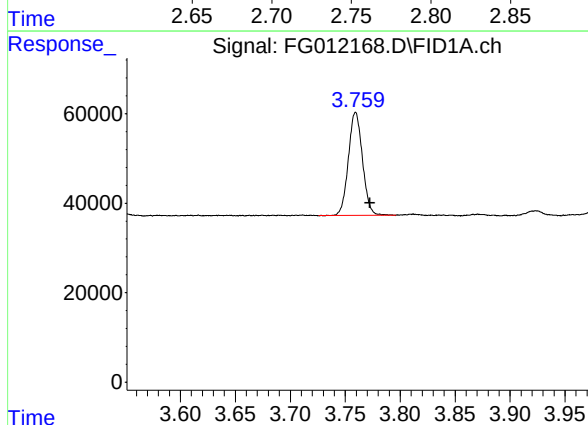
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: -0.011 min
Response: 163062
Conc: 1.42 ug/ml

Instrument :
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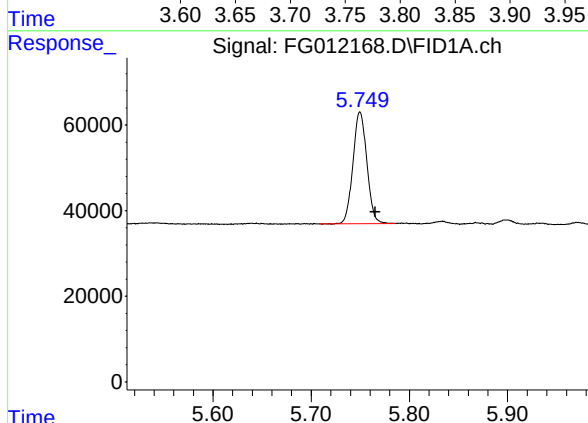
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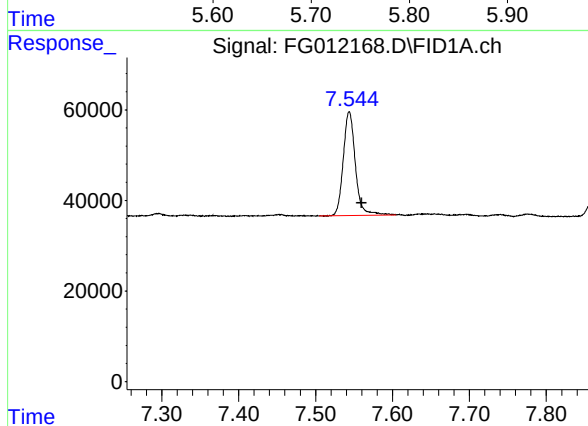
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: -0.013 min
Response: 206260
Conc: 1.75 ug/ml



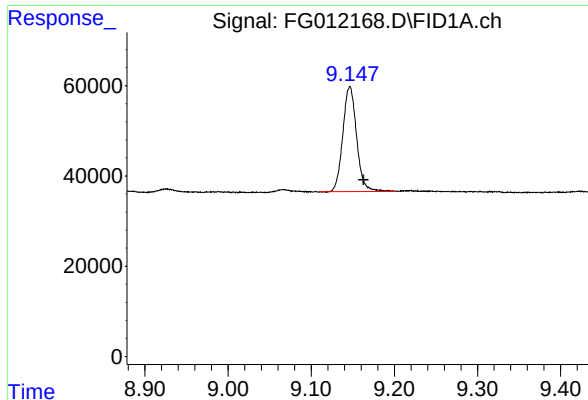
#4 n-Dodecane (C12)

R.T.: 5.750 min
Delta R.T.: -0.016 min
Response: 256817
Conc: 2.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.544 min
Delta R.T.: -0.016 min
Response: 249090
Conc: 2.05 ug/ml



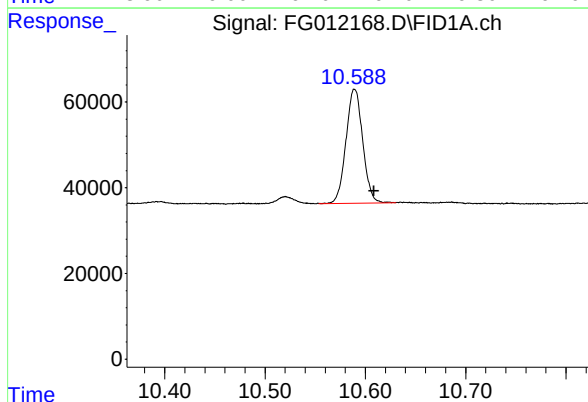
#7 n-Hexadecane (C16)

R.T.: 9.146 min
Delta R.T.: -0.017 min
Response: 268657
Conc: 2.07 ug/ml

Instrument :
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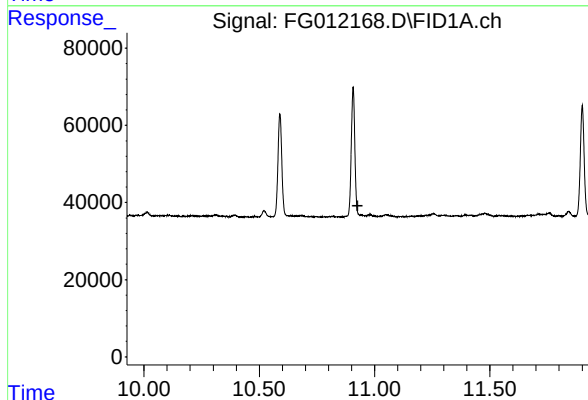
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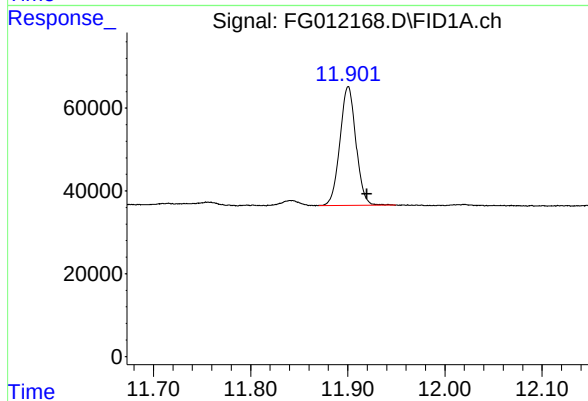
#8 n-Octadecane (C18)

R.T.: 10.589 min
Delta R.T.: -0.019 min
Response: 308815
Conc: 2.27 ug/ml



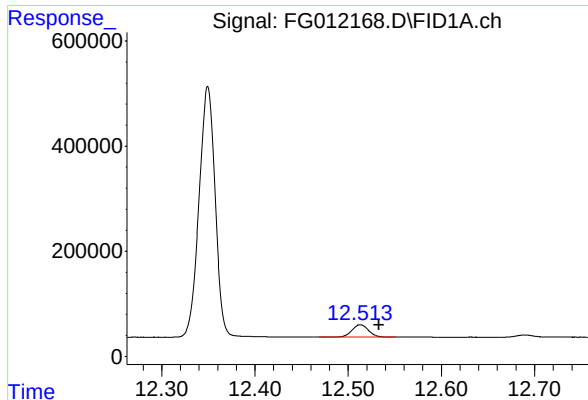
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.901 min
Delta R.T.: -0.019 min
Response: 330896
Conc: 2.45 ug/ml



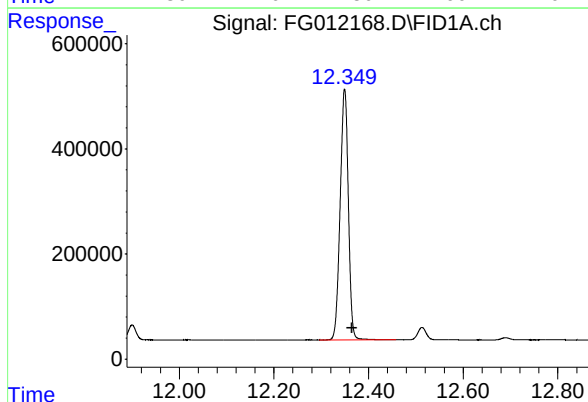
#11 n-Heneicosane (C21)

R.T.: 12.513 min
Delta R.T.: -0.020 min
Response: 288822
Conc: 2.15 ug/ml

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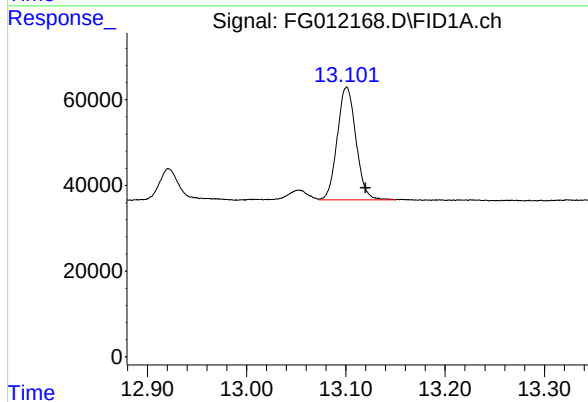
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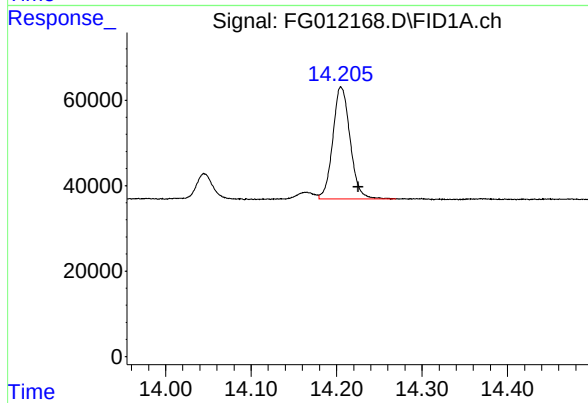
#12 1-chlorooctadecane (SURR)

R.T.: 12.349 min
Delta R.T.: -0.016 min
Response: 5741642
Conc: 48.42 ug/ml



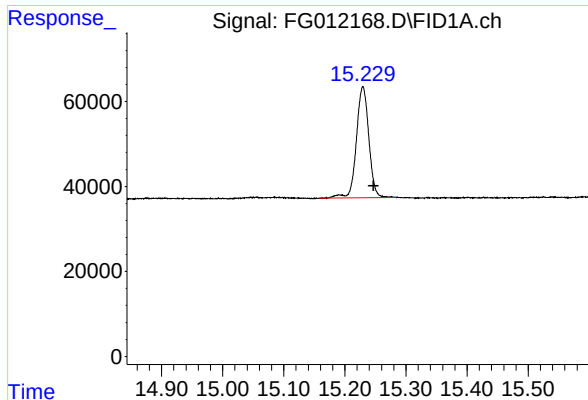
#13 n-Docosane (C22)

R.T.: 13.101 min
Delta R.T.: -0.019 min
Response: 343901
Conc: 2.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.205 min
Delta R.T.: -0.021 min
Response: 370288
Conc: 2.72 ug/ml



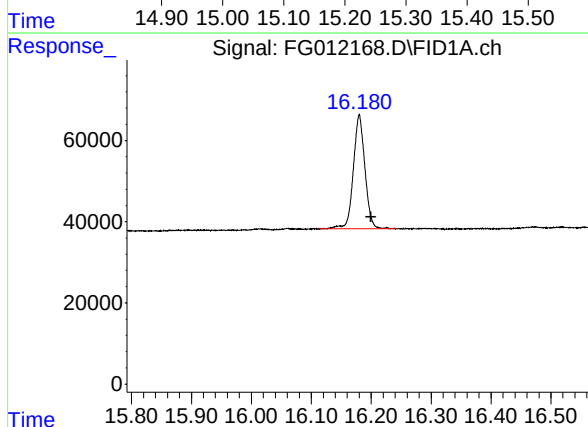
#15 n-Hexacosane (C26)

R.T.: 15.230 min
Delta R.T.: -0.018 min
Response: 370685
Conc: 2.77 ug/ml

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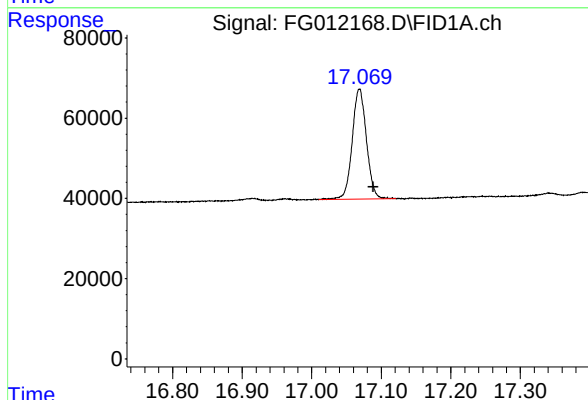
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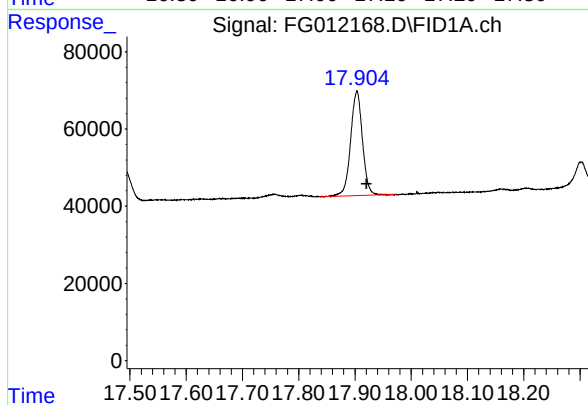
#16 n-Octacosane (C28)

R.T.: 16.180 min
Delta R.T.: -0.019 min
Response: 378426
Conc: 2.90 ug/ml



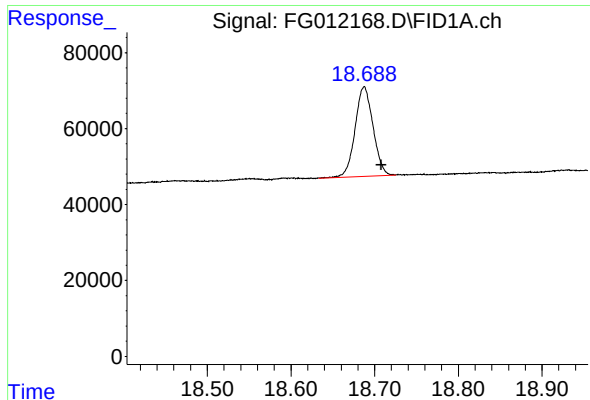
#17 n-Tricontane (C30)

R.T.: 17.069 min
Delta R.T.: -0.019 min
Response: 390982
Conc: 2.96 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.904 min
Delta R.T.: -0.018 min
Response: 396196
Conc: 3.08 ug/ml m



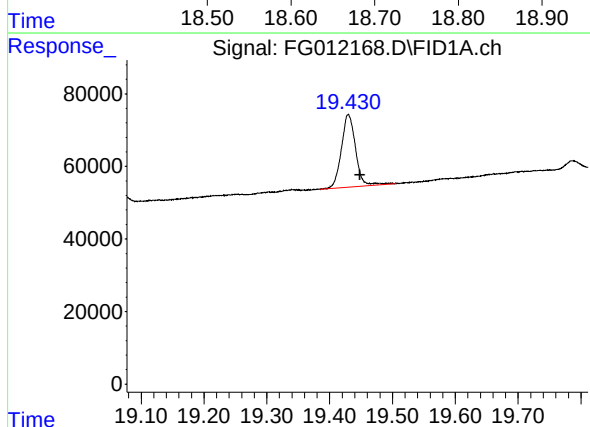
#19 n-Tetratriacontane (C34)

R.T.: 18.688 min
Delta R.T.: -0.020 min
Response: 352668
Conc: 2.88 ug/ml

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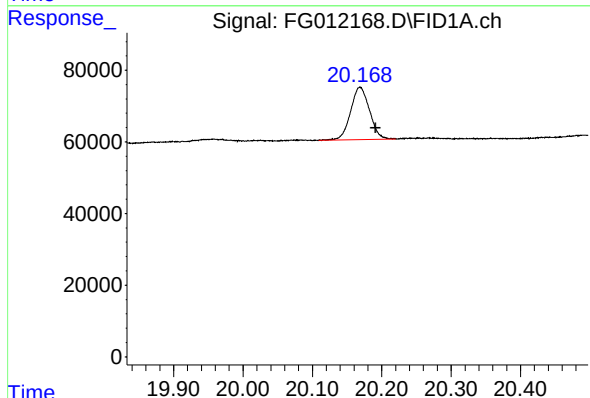
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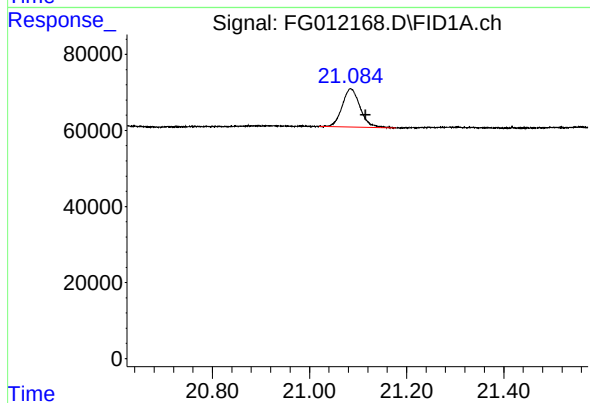
#20 n-Hexatriacontane (C36)

R.T.: 19.430 min
Delta R.T.: -0.019 min
Response: 315871
Conc: 2.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.169 min
Delta R.T.: -0.023 min
Response: 275510
Conc: 2.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.085 min
Delta R.T.: -0.032 min
Response: 259395
Conc: 2.41 ug/ml