

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
 Data File : FC061663.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 01:36
 Operator : YP/AJ
 Sample : N4857-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-092722-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: sample.E
 Quant Time: Sep 29 04:08:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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			
9) S ortho-Terphenyl (SURR)	11.584	4564095	26.707 ug/ml
Spiked Amount 50.000		Recovery =	53.41%
12) S 1-chlorooctadecane (S...	13.022	5201655	38.077 ug/ml
Spiked Amount 50.000		Recovery =	76.15%
Target Compounds			
1) T n-Nonane (C9)	3.332	2886443	19.337 ug/ml
2) T n-Decane (C10)	4.401	3465853	22.977 ug/ml
3) T A~Naphthalene (C11.7)	5.987	5370560	32.385 ug/ml
4) T n-Dodecane (C12)	6.419	3997460	26.289 ug/ml
5) T A~2-methylnaphthalene...	7.045	5984144	36.379 ug/ml
6) T n-Tetradecane (C14)	8.219	4547332	29.827 ug/ml
7) T n-Hexadecane (C16)	9.821	5660014	36.604 ug/ml
8) T n-Octadecane (C18)	11.266	5136007	32.580 ug/ml
10) T n-Eicosane (C20)	12.578	6182623	38.798 ug/ml
11) T n-Heneicosane (C21)	13.191	5486485	34.197 ug/ml
13) T n-Docosane (C22)	13.775	5344033	33.263 ug/mlm
14) T n-Tetracosane (C24)	14.873	13320446	83.153 ug/ml
15) T n-Hexacosane (C26)	15.905	4560636	28.769 ug/ml
16) T n-Octacosane (C28)	16.855	5516605	35.592 ug/ml
17) T n-Tricontane (C30)	17.745	4848997	31.509 ug/ml
18) T n-Dotriacontane (C32)	18.577	3822171	25.278 ug/mlm
19) T n-Tetratriacontane (C34)	19.361	4114939	29.021 ug/ml
20) T n-Hexatriacontane (C36)	20.100	3520550	25.501 ug/mlm
21) T n-Octatriacontane (C38)	20.842	3687497	28.474 ug/mlm
22) T n-Tetracontane (C40)	21.760	3558439	29.118 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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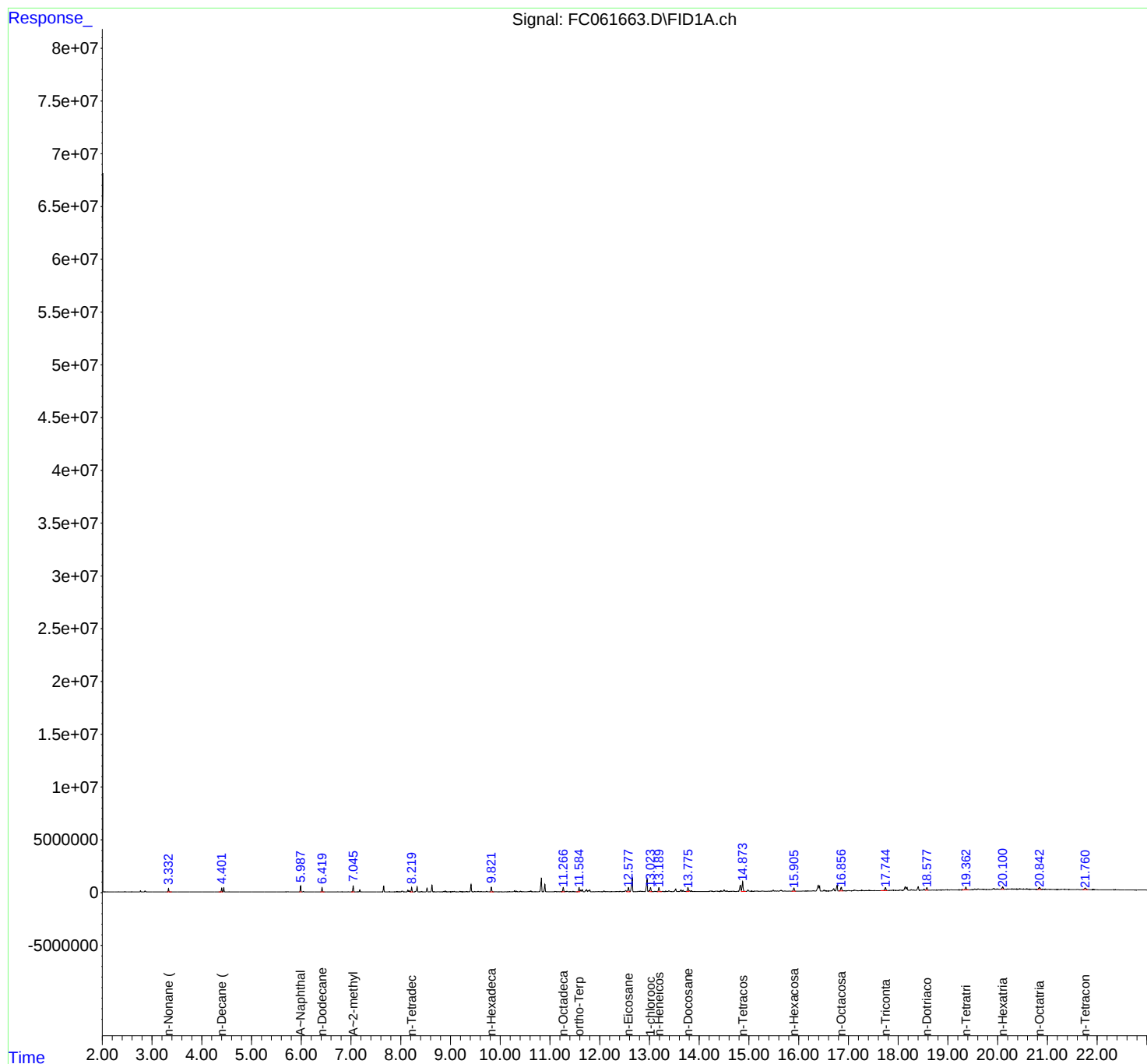
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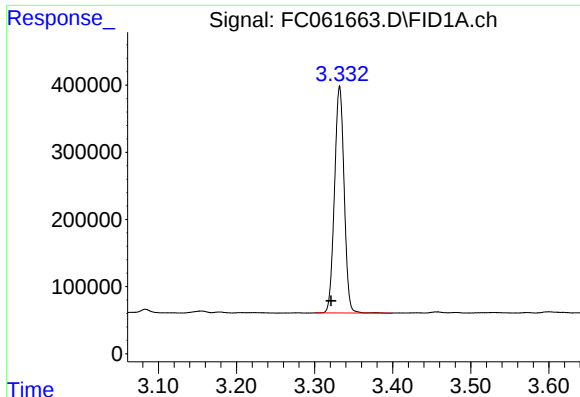
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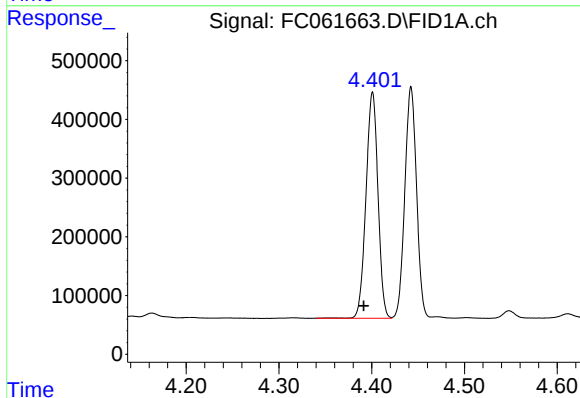
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.011 min
Response: 2886443
Conc: 19.34 ug/ml

Instrument :
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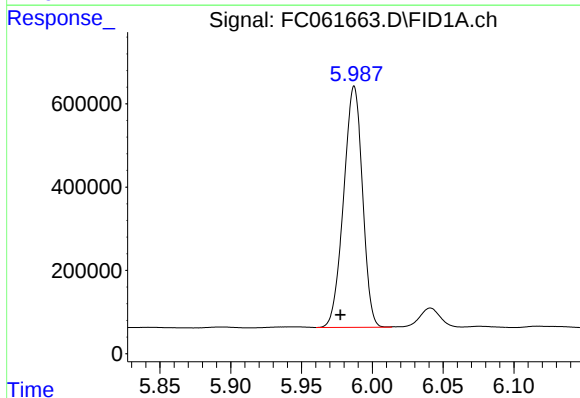
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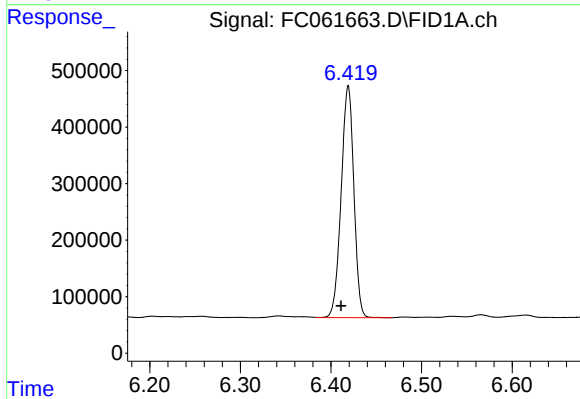
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: 0.010 min
Response: 3465853
Conc: 22.98 ug/ml



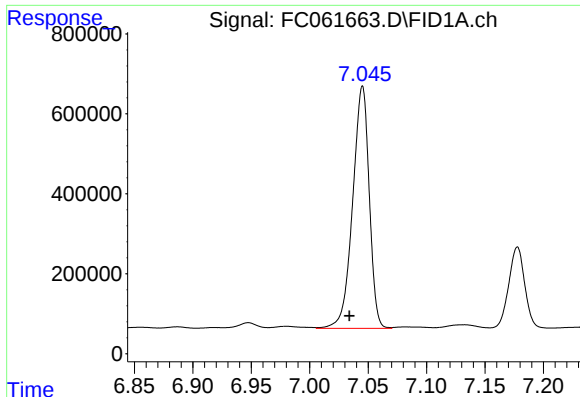
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: 0.010 min
Response: 5370560
Conc: 32.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.419 min
Delta R.T.: 0.008 min
Response: 3997460
Conc: 26.29 ug/ml



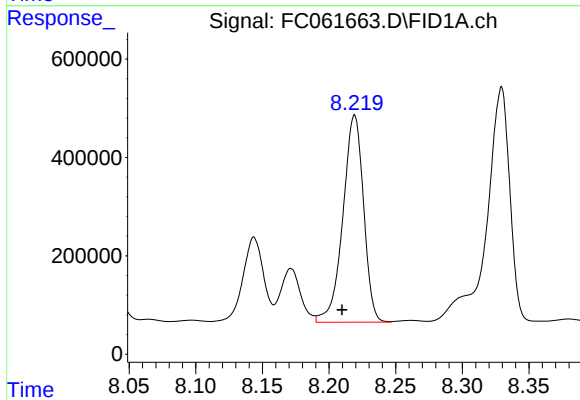
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.011 min
Response: 5984144
Conc: 36.38 ug/ml

Instrument :
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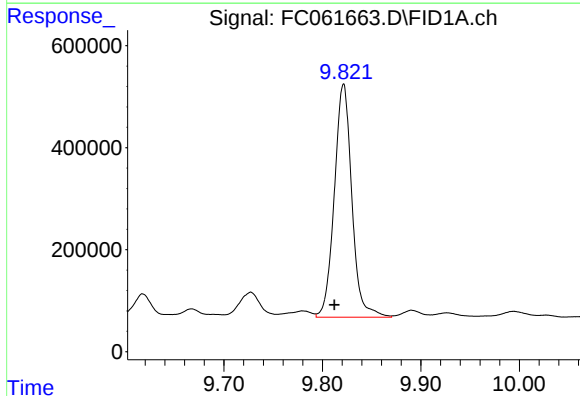
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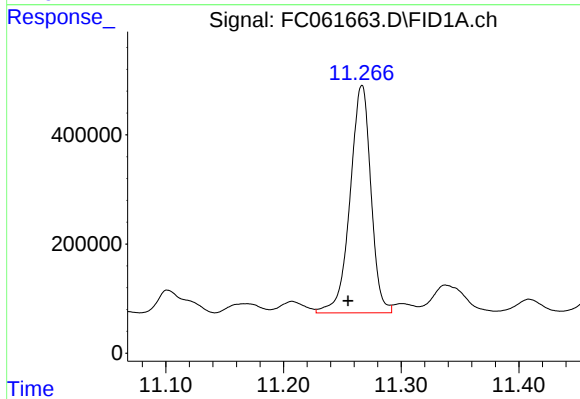
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.009 min
Response: 4547332
Conc: 29.83 ug/ml



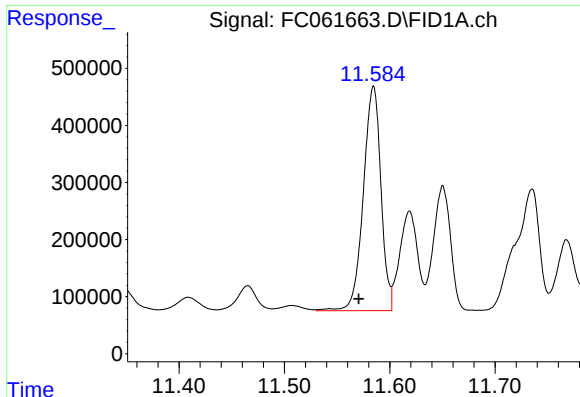
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.009 min
Response: 5660014
Conc: 36.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.012 min
Response: 5136007
Conc: 32.58 ug/ml



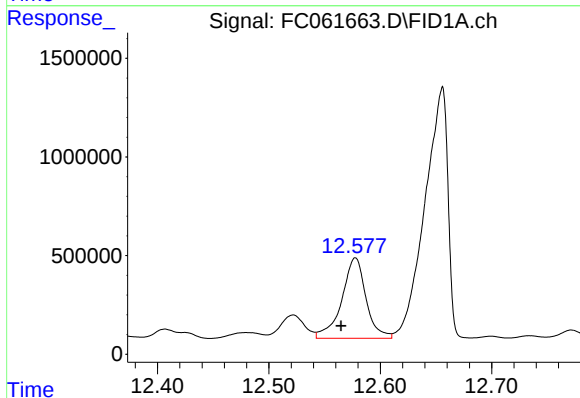
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: 0.014 min
Response: 4564095
Conc: 26.71 ug/ml

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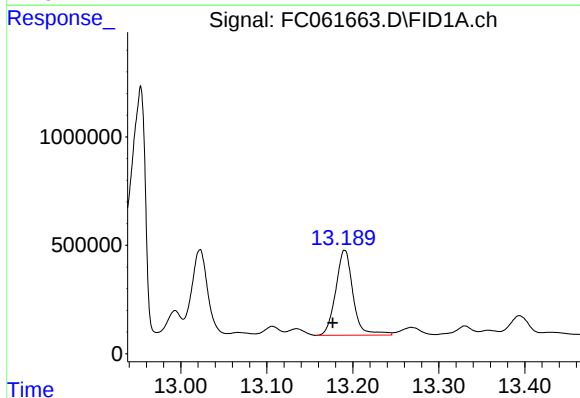
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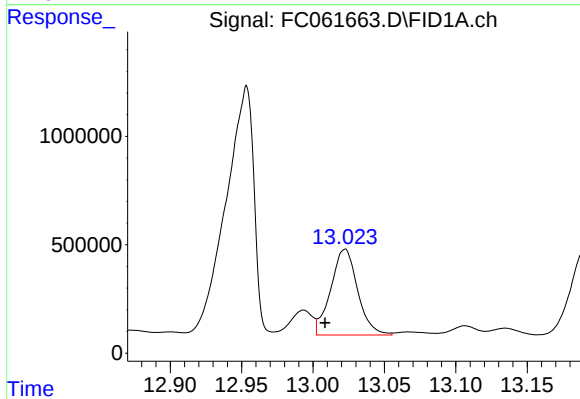
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: 0.013 min
Response: 6182623
Conc: 38.80 ug/ml



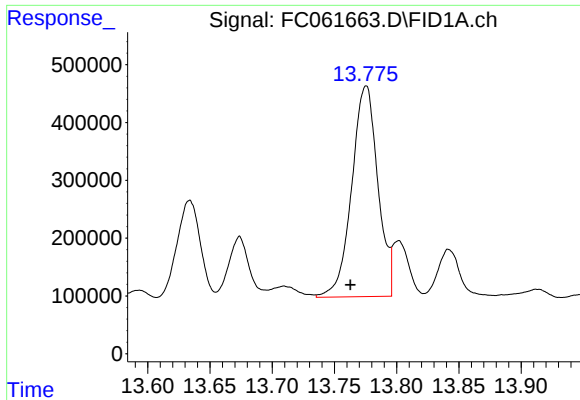
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.014 min
Response: 5486485
Conc: 34.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.014 min
Response: 5201655
Conc: 38.08 ug/ml



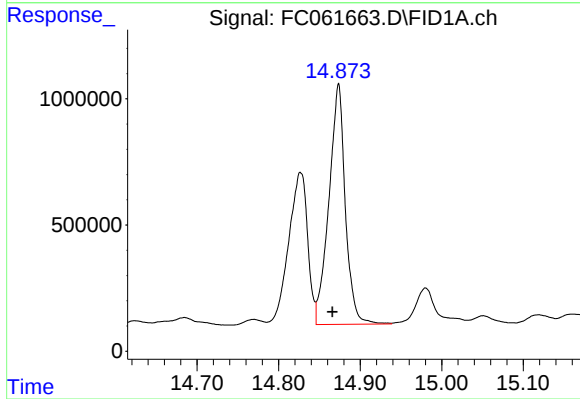
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.012 min
Response: 5344033
Conc: 33.26 ug/ml

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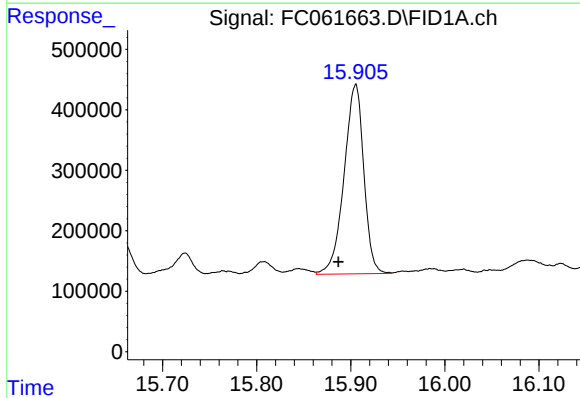
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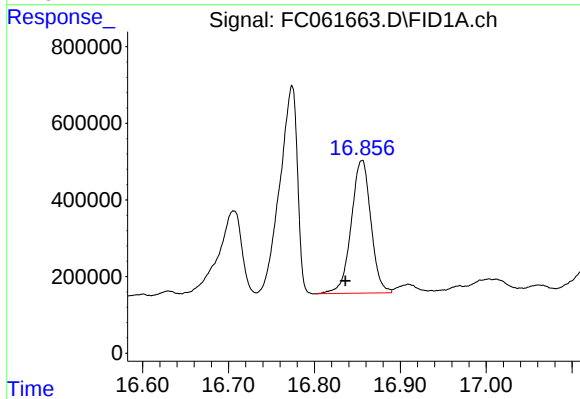
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.007 min
Response: 13320446
Conc: 83.15 ug/ml



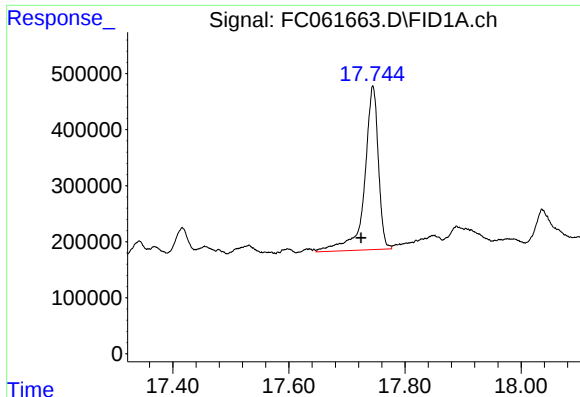
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.018 min
Response: 4560636
Conc: 28.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: 0.019 min
Response: 5516605
Conc: 35.59 ug/ml



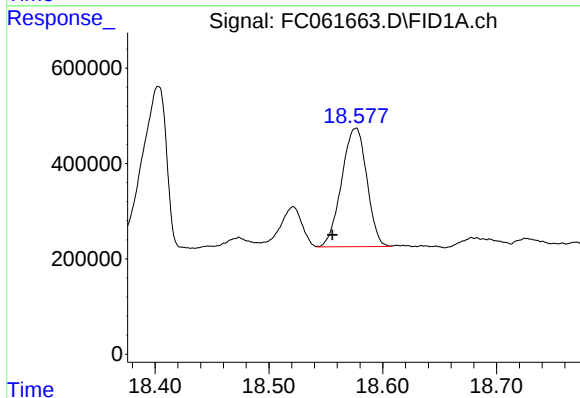
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: 0.021 min
Response: 4848997
Conc: 31.51 ug/ml

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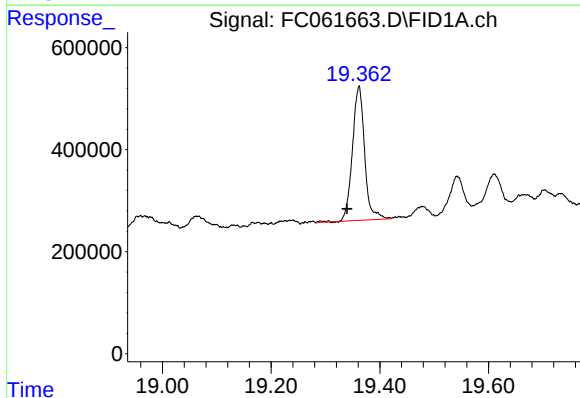
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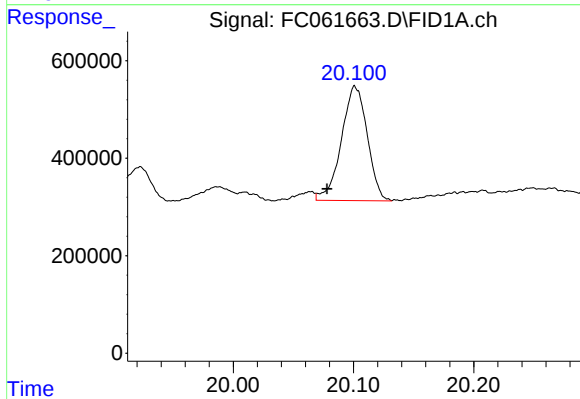
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: 0.021 min
Response: 3822171
Conc: 25.28 ug/ml m



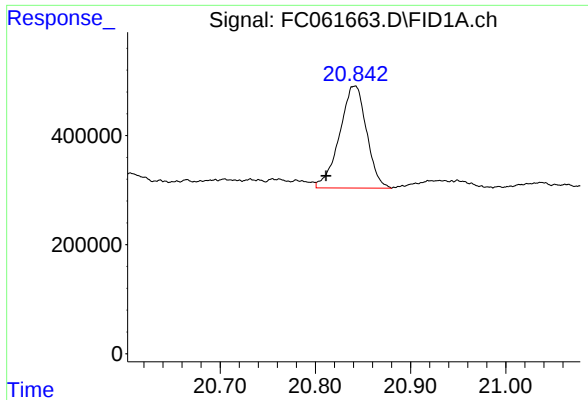
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.021 min
Response: 4114939
Conc: 29.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: 0.022 min
Response: 3520550
Conc: 25.50 ug/ml m



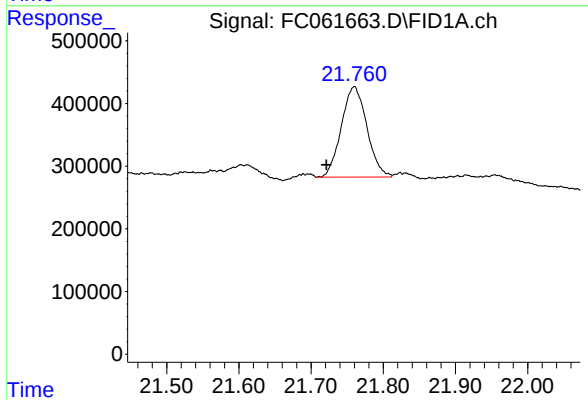
#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: 0.031 min
Response: 3687497
Conc: 28.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.760 min
Delta R.T.: 0.039 min
Response: 3558439
Conc: 29.12 ug/ml m