

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102022AL\
 Data File : FE038242.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2022 19:35
 Operator : YP\AJ
 Sample : N5184-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-101822-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: autoint1.e
 Quant Time: Oct 21 04:06:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	4575244	26.452 ug/ml
Spiked Amount 50.000		Recovery =	52.90%
12) S 1-chlorooctadecane (S...	13.023	7488907	55.407 ug/ml
Spiked Amount 50.000		Recovery =	110.81%
Target Compounds			
1) T n-Nonane (C9)	2.991	3288323	22.327 ug/ml
2) T n-Decane (C10)	4.250	3700062	25.026 ug/ml
3) T A~Naphthalene (C11.7)	5.971	3840312	28.044 ug/ml
4) T n-Dodecane (C12)	6.423	4650508	30.519 ug/ml
5) T A~2-methylnaphthalene...	7.064	3917000	29.472 ug/mlm
6) T n-Tetradecane (C14)	8.245	5843838	38.182 ug/ml
7) T n-Hexadecane (C16)	9.844	6308025	40.385 ug/ml
8) T n-Octadecane (C18)	11.279	6214874	38.746 ug/ml
10) T n-Eicosane (C20)	12.582	6040448	37.042 ug/ml
11) T n-Heneicosane (C21)	13.190	5466043	33.175 ug/ml
13) T n-Docosane (C22)	13.774	5256401	31.932 ug/ml
14) T n-Tetracosane (C24)	14.871	9718850	59.259 ug/ml
15) T n-Hexacosane (C26)	15.889	4831771	29.631 ug/ml
16) T n-Octacosane (C28)	16.835	5803583	36.227 ug/ml
17) T n-Tricontane (C30)	17.721	5142186	32.133 ug/ml
18) T n-Dotriacontane (C32)	18.549	4958600	31.489 ug/ml
19) T n-Tetratriacontane (C34)	19.332	5210000	35.165 ug/ml
20) T n-Hexatriacontane (C36)	20.070	4845793	33.612 ug/ml
21) T n-Octatriacontane (C38)	20.770	4807812	35.430 ug/mlm
22) T n-Tetracontane (C40)	21.545	4963647	38.993 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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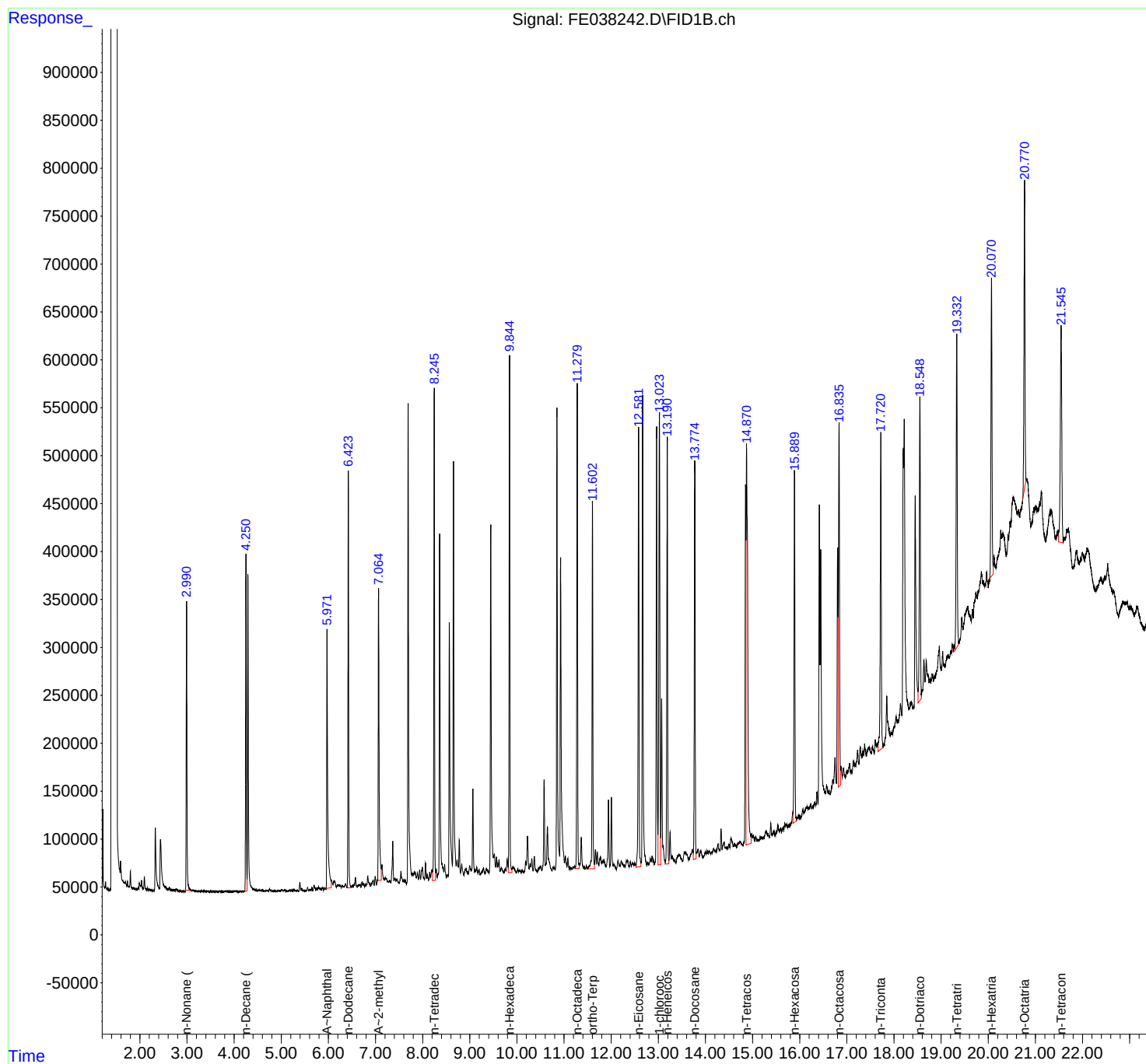
Instrument :
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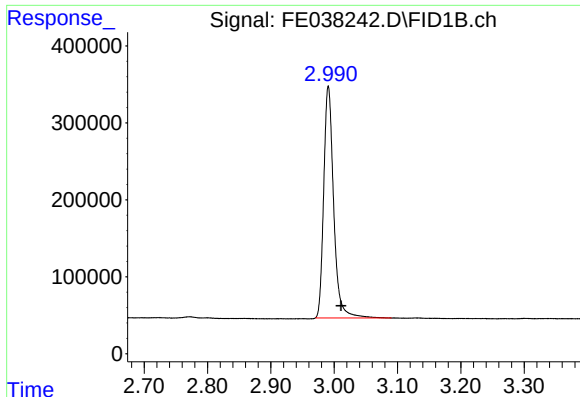
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#1 n-Nonane (C9)

R.T.: 2.991 min
Delta R.T.: -0.020 min
Response: 3288323
Conc: 22.33 ug/ml

Instrument :

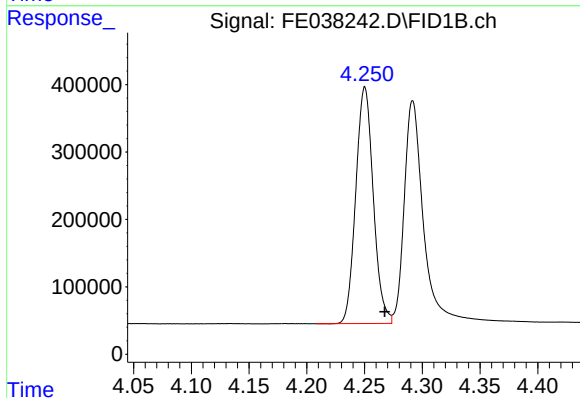
FID_E

ClientSampleId :

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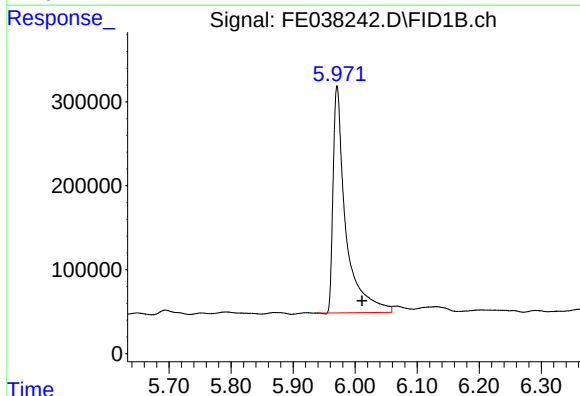
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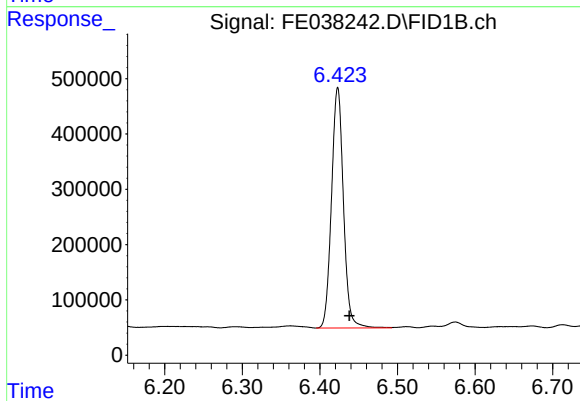
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.017 min
Response: 3700062
Conc: 25.03 ug/ml



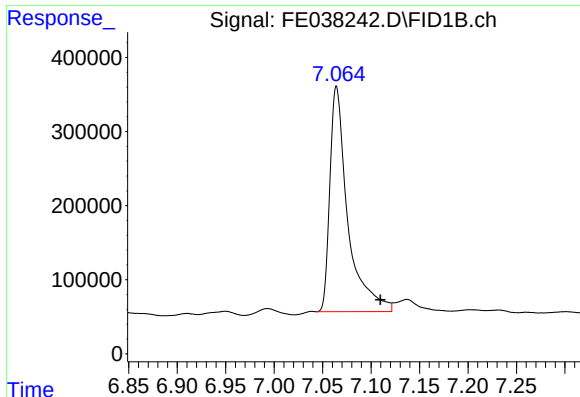
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 3840312
Conc: 28.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.015 min
Response: 4650508
Conc: 30.52 ug/ml



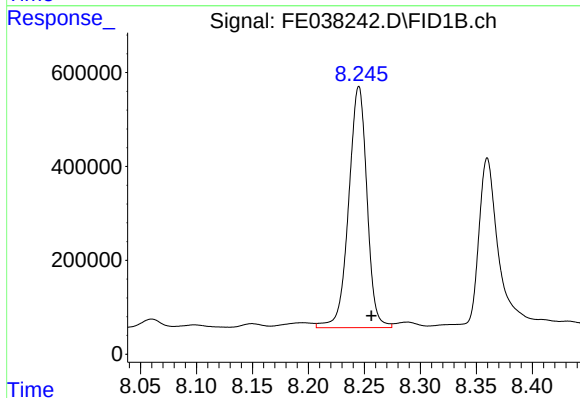
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.046 min
Response: 3917000
Conc: 29.47 ug/ml

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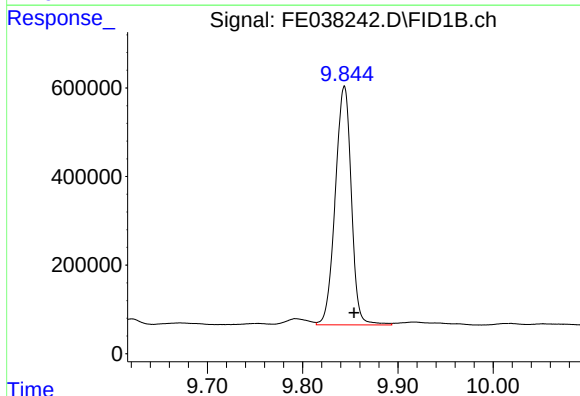
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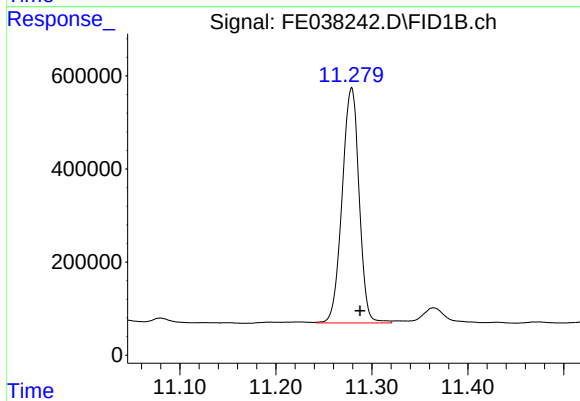
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 5843838
Conc: 38.18 ug/ml



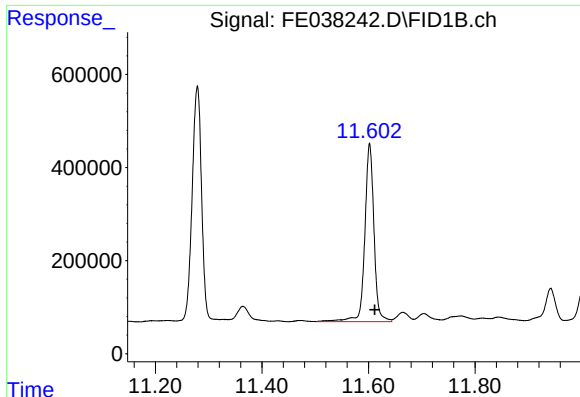
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.010 min
Response: 6308025
Conc: 40.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: -0.009 min
Response: 6214874
Conc: 38.75 ug/ml



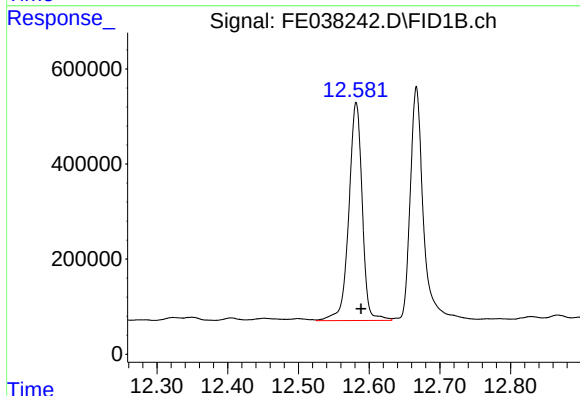
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.009 min
Response: 4575244
Conc: 26.45 ug/ml

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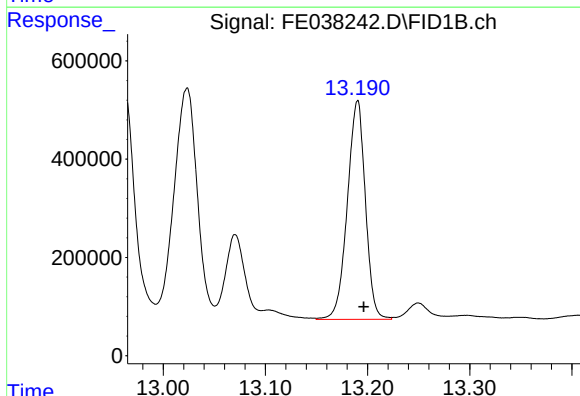
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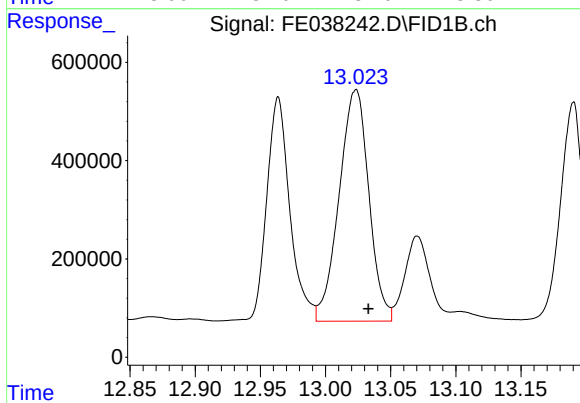
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.007 min
Response: 6040448
Conc: 37.04 ug/ml



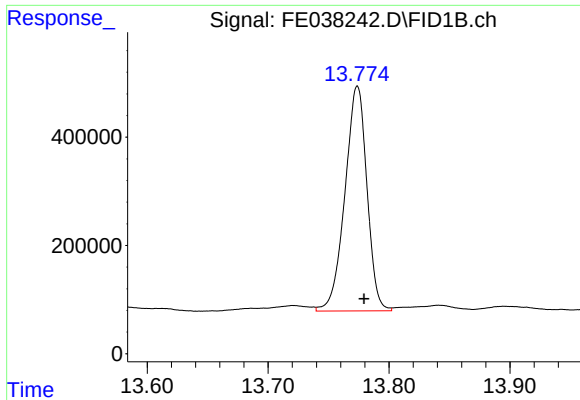
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.006 min
Response: 5466043
Conc: 33.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 7488907
Conc: 55.41 ug/ml



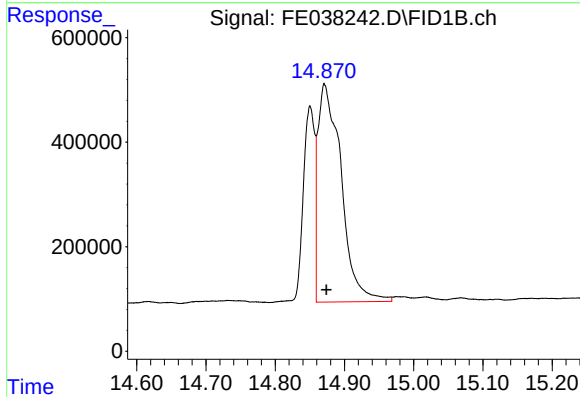
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 5256401
Conc: 31.93 ug/ml

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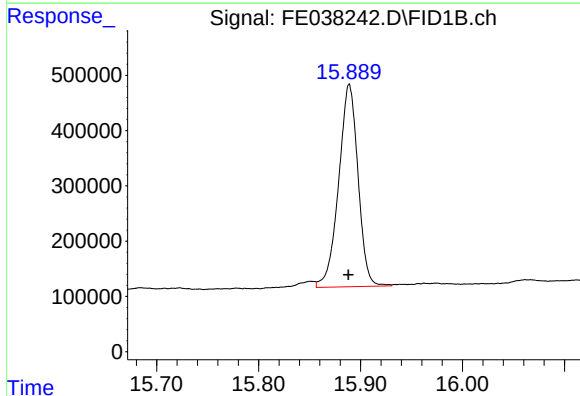
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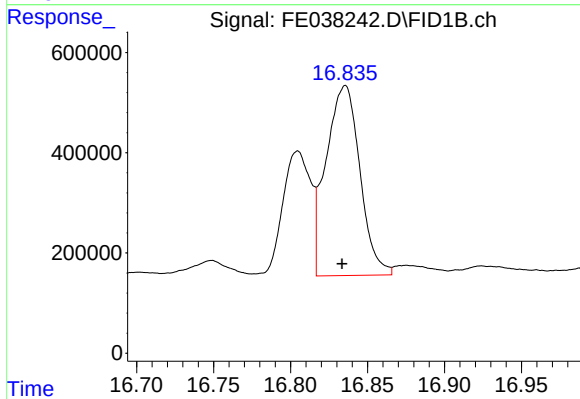
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 9718850
Conc: 59.26 ug/ml



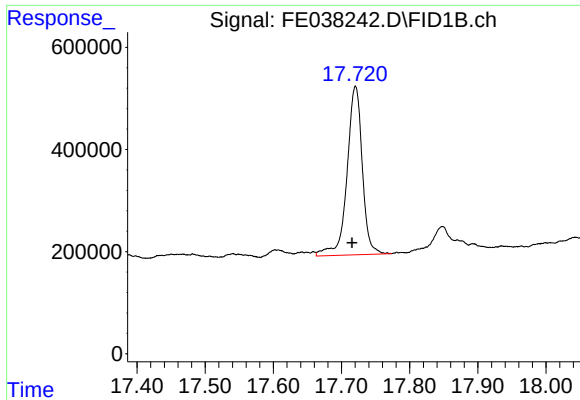
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.000 min
Response: 4831771
Conc: 29.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: 0.002 min
Response: 5803583
Conc: 36.23 ug/ml



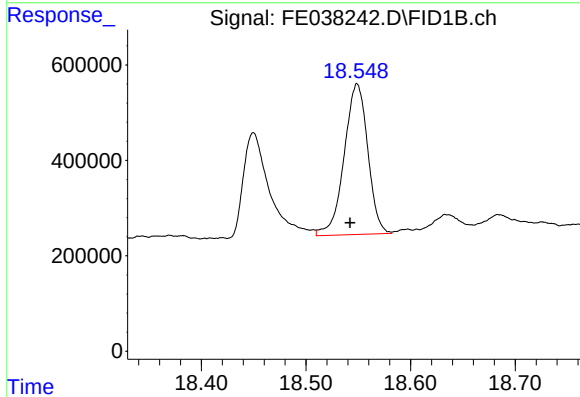
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.005 min
Response: 5142186
Conc: 32.13 ug/ml

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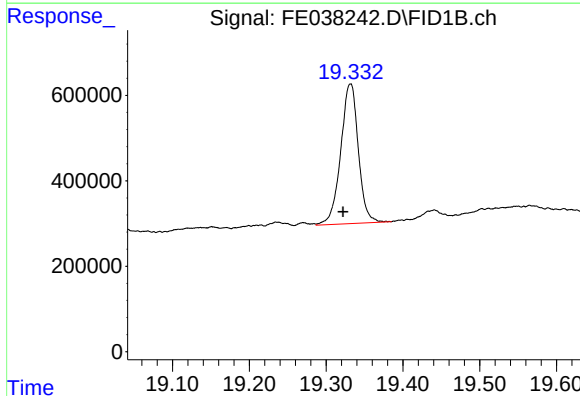
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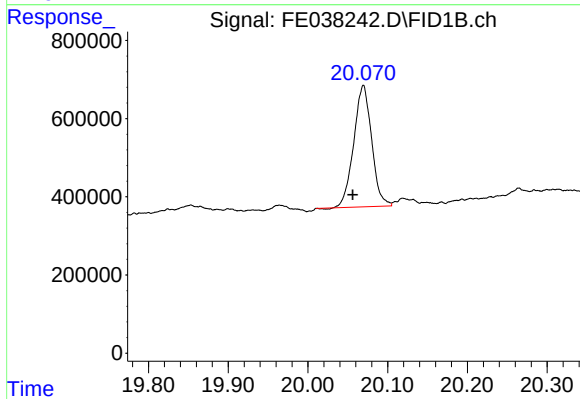
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.007 min
Response: 4958600
Conc: 31.49 ug/ml



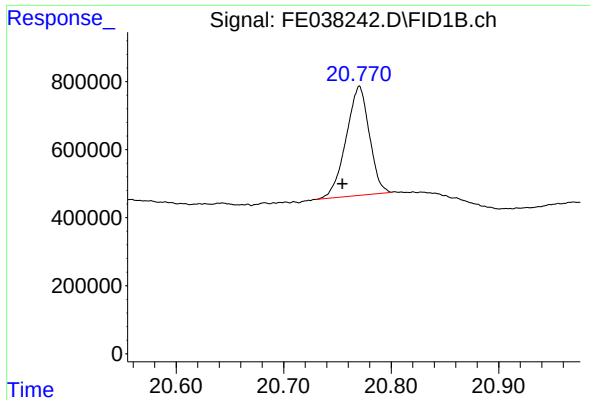
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.010 min
Response: 5210000
Conc: 35.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.014 min
Response: 4845793
Conc: 33.61 ug/ml



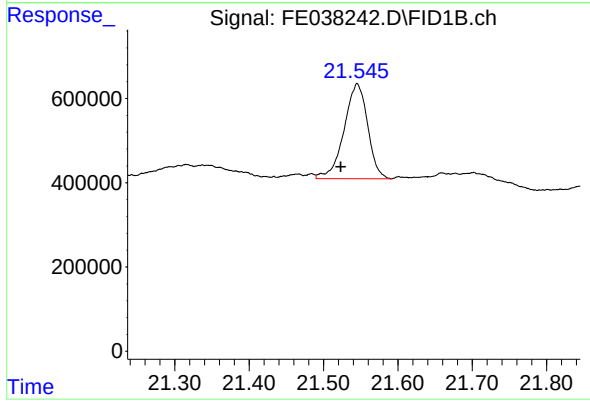
#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: 0.016 min
Response: 4807812
Conc: 35.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.545 min
Delta R.T.: 0.022 min
Response: 4963647
Conc: 38.99 ug/ml