

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112224AL\
 Data File : FE051411.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2024 16:39
 Operator : YP\AJ
 Sample : P4948-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 337MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: sample.E
 Quant Time: Nov 23 01:35:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 07 04:56:04 2024
 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)	11.841	5305742	35.349 ug/ml
Spiked Amount 50.000		Recovery =	70.70%
12) S 1-chlorooctadecane (S...	13.273	4787897	42.173 ug/ml
Spiked Amount 50.000		Recovery =	84.35%
Target Compounds			
1) T n-Nonane (C9)	3.230	4217011	30.477 ug/ml
2) T n-Decane (C10)	4.479	4745936	33.856 ug/ml
3) T A~Naphthalene (C11.7)	6.190	5000233	37.924 ug/ml
4) T n-Dodecane (C12)	6.644	5166222	36.589 ug/ml
5) T A~2-methylnaphthalene...	7.286	4748366	37.958 ug/ml
6) T n-Tetradecane (C14)	8.473	5588573	40.101 ug/ml
7) T n-Hexadecane (C16)	10.078	6032202	42.508 ug/ml
8) T n-Octadecane (C18)	11.520	6320769	44.261 ug/ml
10) T n-Eicosane (C20)	12.828	6611877	48.313 ug/ml
11) T n-Heneicosane (C21)	13.439	6158971	46.085 ug/ml
13) T n-Docosane (C22)	14.024	6112164	45.973 ug/mlm
14) T n-Tetracosane (C24)	15.128	11378181	85.771 ug/ml
15) T n-Hexacosane (C26)	16.148	6025675	45.012 ug/ml
16) T n-Octacosane (C28)	17.095	6515816	47.795 ug/ml
17) T n-Tricontane (C30)	17.983	6014979	41.401 ug/ml
18) T n-Dotriacontane (C32)	18.814	5890090	39.669 ug/ml
19) T n-Tetratriacontane (C34)	19.597	5785738	43.060 ug/ml
20) T n-Hexatriacontane (C36)	20.336	5589920	46.849 ug/ml
21) T n-Octatriacontane (C38)	21.060	5366629	47.152 ug/ml
22) T n-Tetracontane (C40)	21.936	5235435	47.072 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P4948-01MSD
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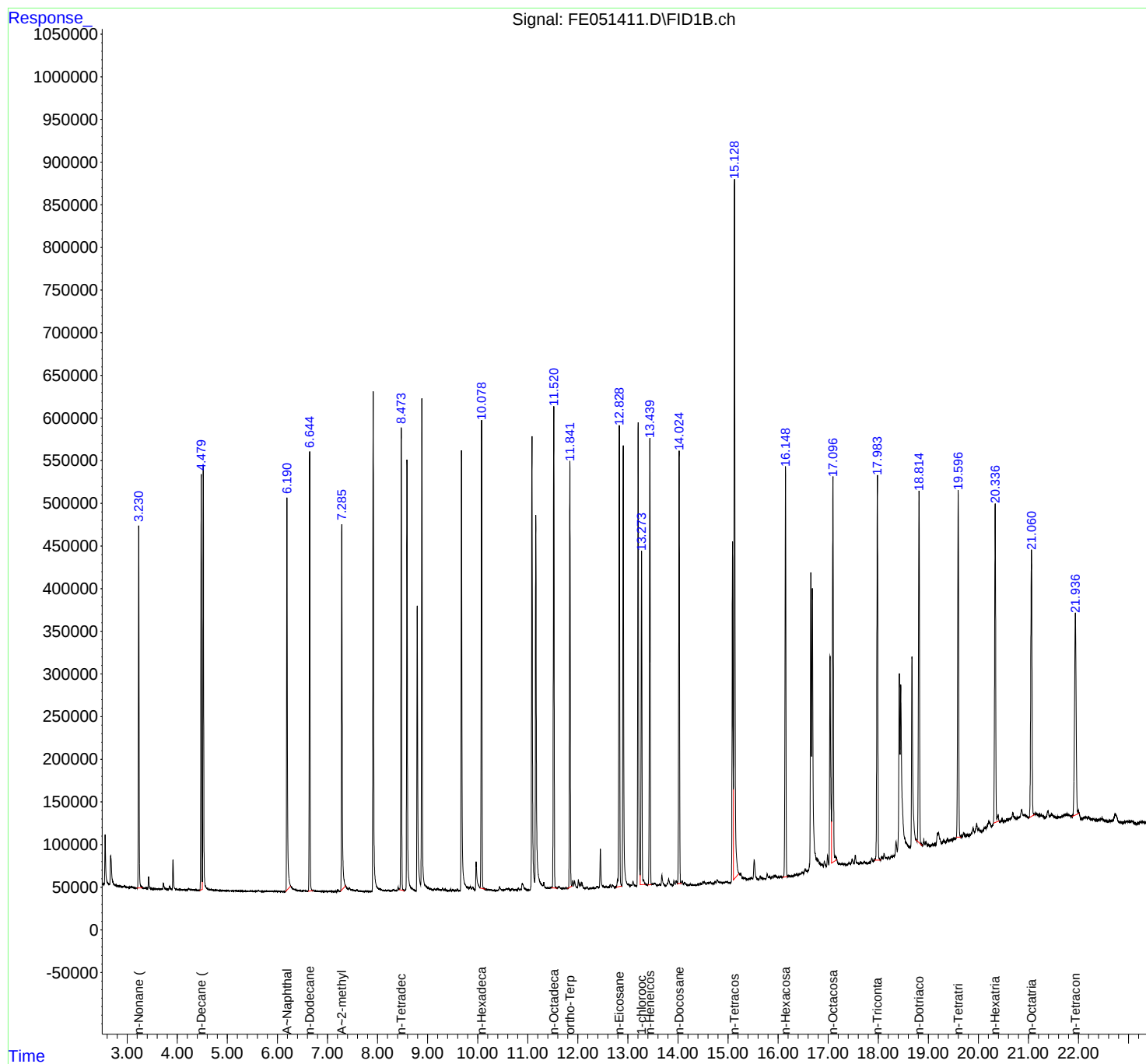
Instrument :
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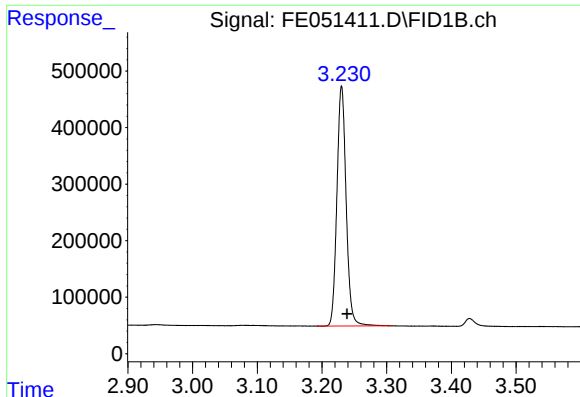
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#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.009 min
Response: 4217011
Conc: 30.48 ug/ml

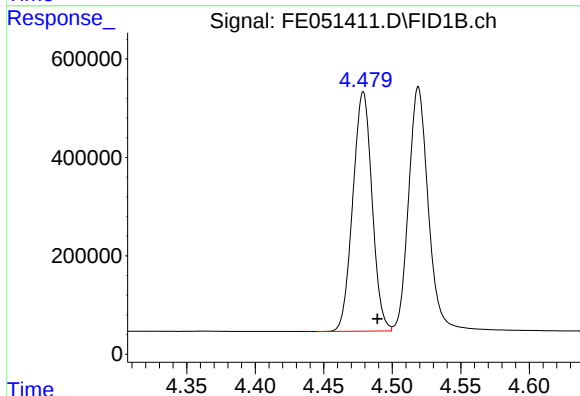
Instrument :

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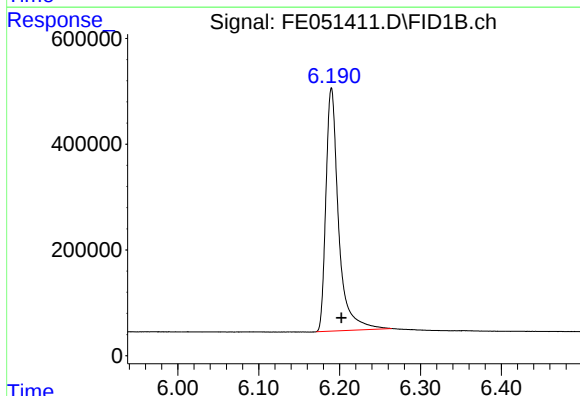
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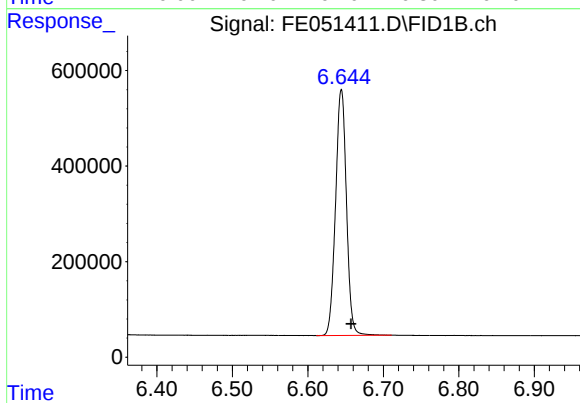
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.011 min
Response: 4745936
Conc: 33.86 ug/ml



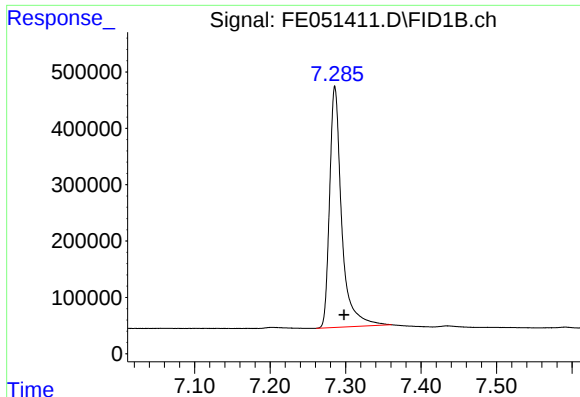
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 5000233
Conc: 37.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 5166222
Conc: 36.59 ug/ml



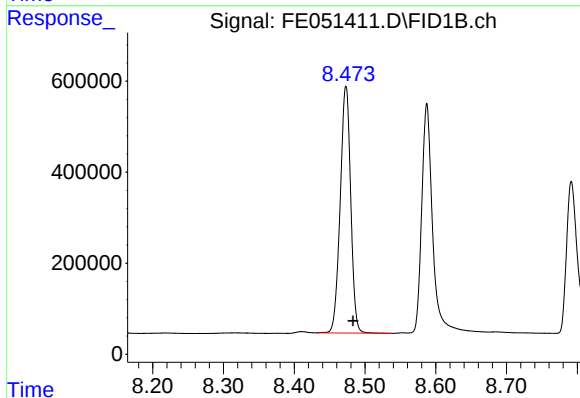
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.012 min
Response: 4748366
Conc: 37.96 ug/ml

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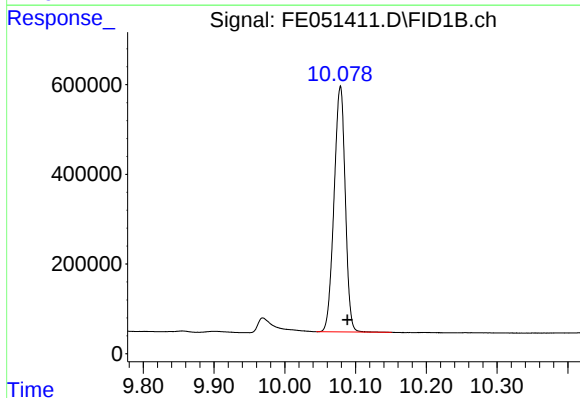
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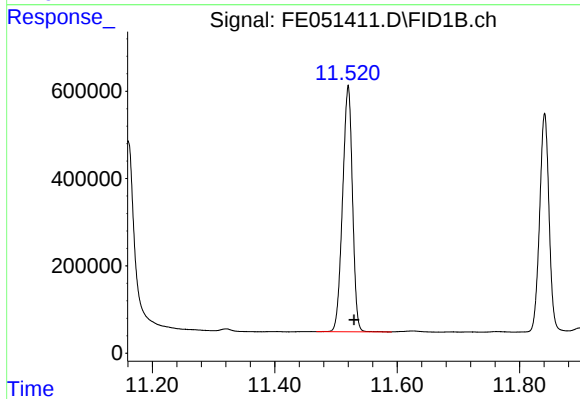
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.010 min
Response: 5588573
Conc: 40.10 ug/ml



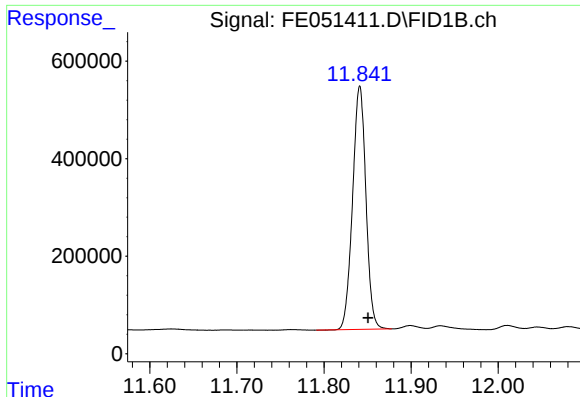
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.010 min
Response: 6032202
Conc: 42.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.010 min
Response: 6320769
Conc: 44.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.009 min
Response: 5305742
Conc: 35.35 ug/ml

Instrument :

FID_E

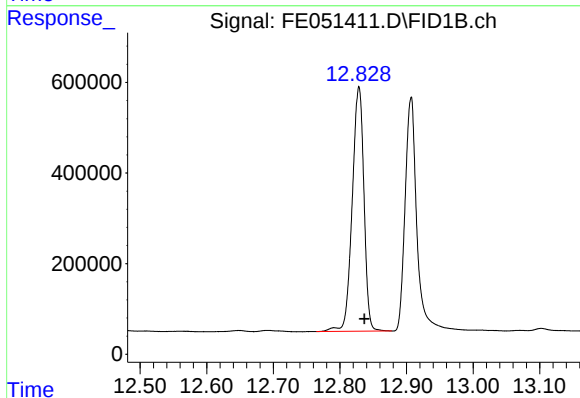
ClientSampleId :

337MSD

Manual Integrations

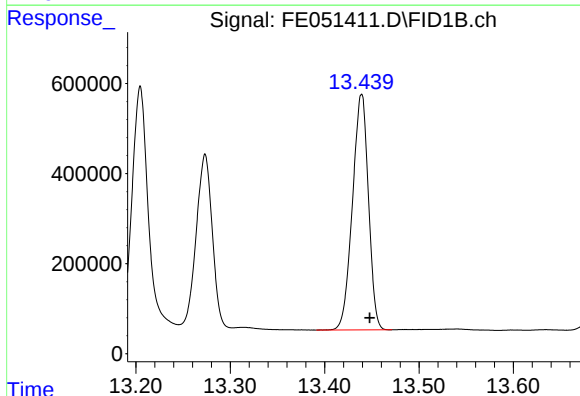
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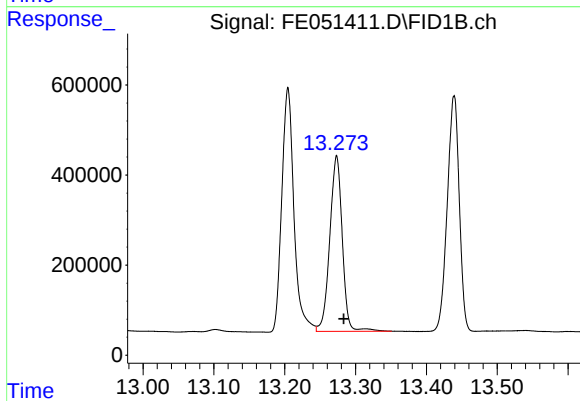
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.009 min
Response: 6611877
Conc: 48.31 ug/ml



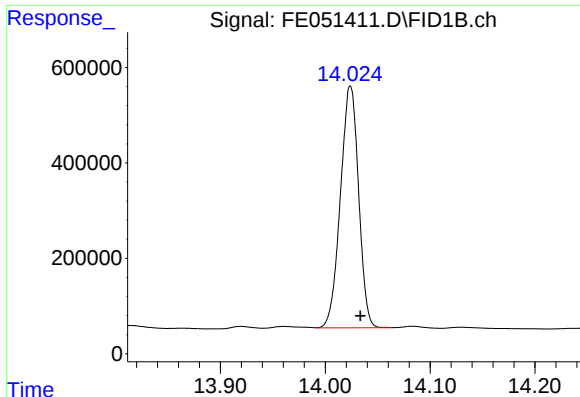
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 6158971
Conc: 46.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.010 min
Response: 4787897
Conc: 42.17 ug/ml



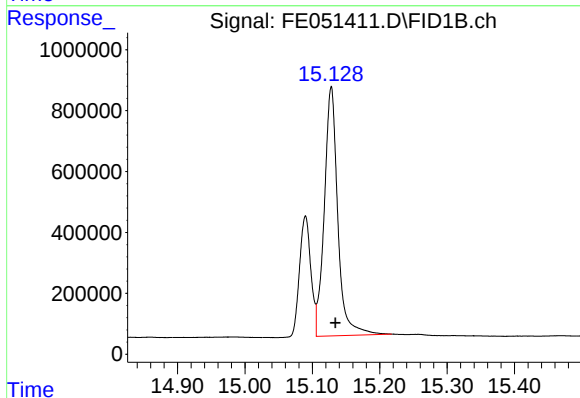
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.010 min
Response: 6112164
Conc: 45.97 ug/ml

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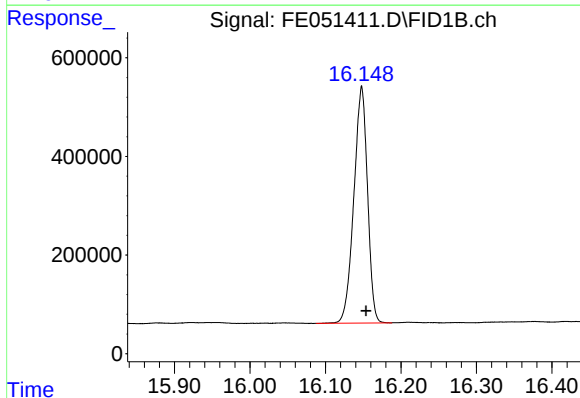
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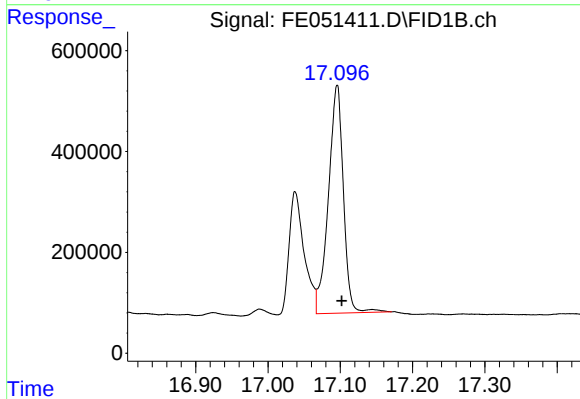
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.006 min
Response: 11378181
Conc: 85.77 ug/ml



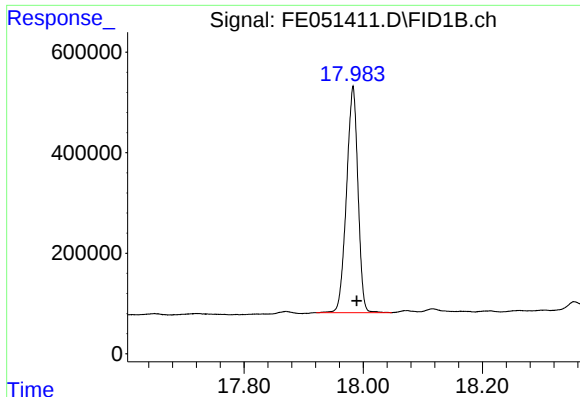
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.006 min
Response: 6025675
Conc: 45.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.007 min
Response: 6515816
Conc: 47.79 ug/ml



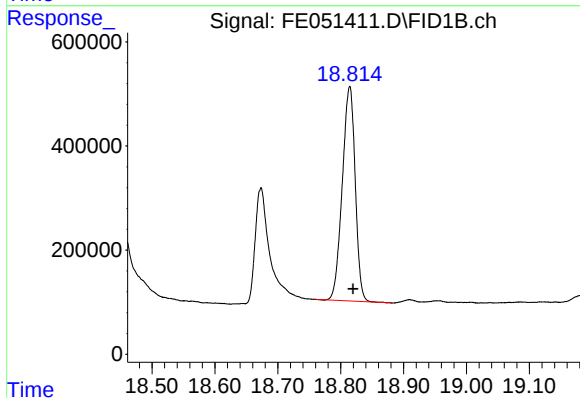
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 6014979
Conc: 41.40 ug/ml

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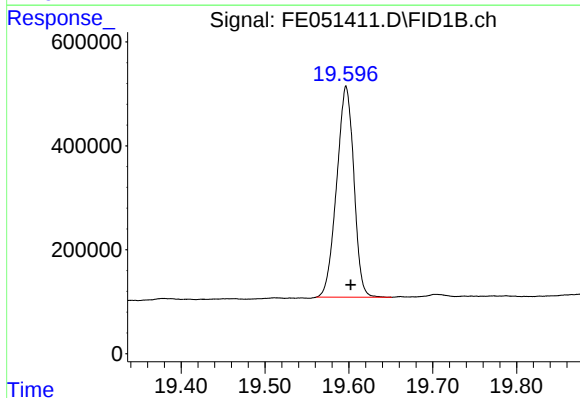
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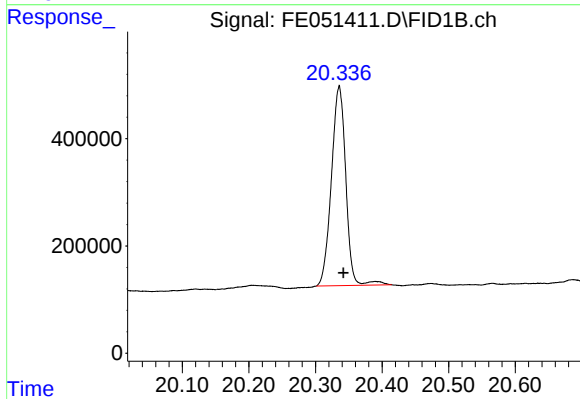
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.006 min
Response: 5890090
Conc: 39.67 ug/ml



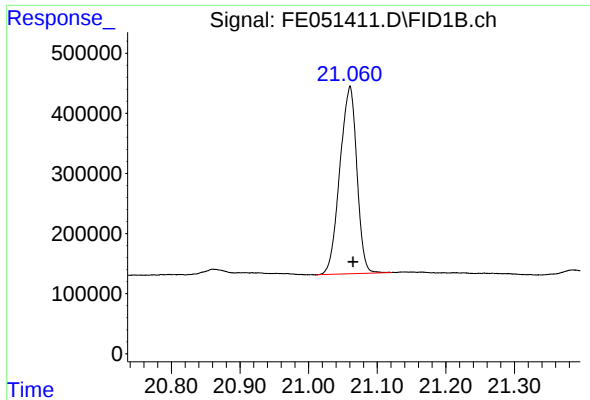
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.006 min
Response: 5785738
Conc: 43.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.006 min
Response: 5589920
Conc: 46.85 ug/ml



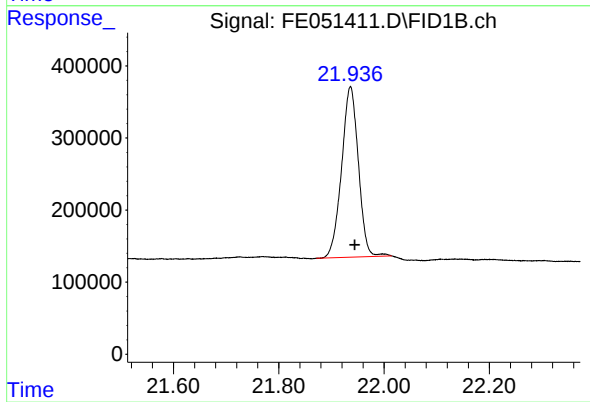
#21 n-Octatriacontane (C38)

R.T.: 21.060 min
Delta R.T.: -0.005 min
Response: 5366629
Conc: 47.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.008 min
Response: 5235435
Conc: 47.07 ug/ml