

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042023AL\
 Data File : FE041450.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 08:59
 Operator : YP\AJ
 Sample : 02389-14MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPB-4WC-23-04-17MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 01:36:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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			
9) S ortho-Terphenyl (SURR)	11.830	3795038	20.193 ug/mlm
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	13.270	3591529	24.962 ug/ml
Spiked Amount 50.000		Recovery =	49.92%
Target Compounds			
1) T n-Nonane (C9)	3.255	8740003	50.371 ug/ml
2) T n-Decane (C10)	4.491	8862456	52.066 ug/mlm
3) T A~Naphthalene (C11.7)	6.184	9434181	51.578 ug/ml
4) T n-Dodecane (C12)	6.646	9152852	52.766 ug/ml
5) T A~2-methylnaphthalene...	7.277	8849687	53.436 ug/ml
6) T n-Tetradecane (C14)	8.471	9075450	52.049 ug/ml
7) T n-Hexadecane (C16)	10.077	9227715	51.884 ug/ml
8) T n-Octadecane (C18)	11.519	9065254	50.771 ug/ml
10) T n-Eicosane (C20)	12.830	8969287	52.583 ug/ml
11) T n-Heneicosane (C21)	13.440	8466115	50.041 ug/mlm
13) T n-Docosane (C22)	14.027	8443232	51.021 ug/mlm
14) T n-Tetracosane (C24)	15.132	18076716	111.732 ug/ml
15) T n-Hexacosane (C26)	16.159	8237089	53.137 ug/ml
16) T n-Octacosane (C28)	17.108	8088043	52.801 ug/mlm
17) T n-Tricontane (C30)	18.001	8876722	58.073 ug/ml
18) T n-Dotriacontane (C32)	18.832	8186912	52.437 ug/ml
19) T n-Tetratriacontane (C34)	19.618	8222135	53.057 ug/ml
20) T n-Hexatriacontane (C36)	20.360	8038994	52.923 ug/mlm
21) T n-Octatriacontane (C38)	21.086	8425736	53.936 ug/ml
22) T n-Tetracontane (C40)	21.967	8882246	55.651 ug/ml

(f)=RT Delta > 1/2 Window

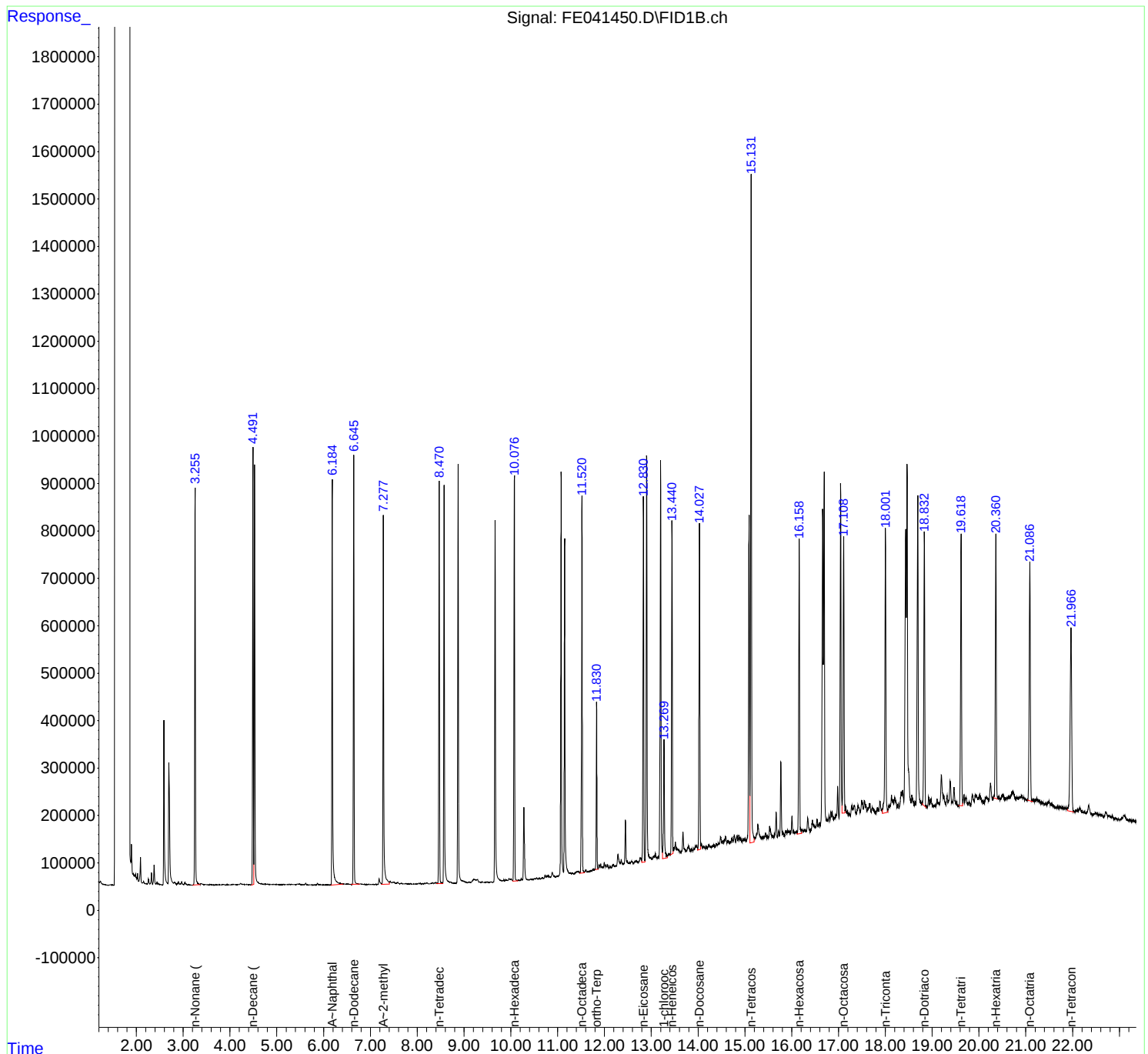
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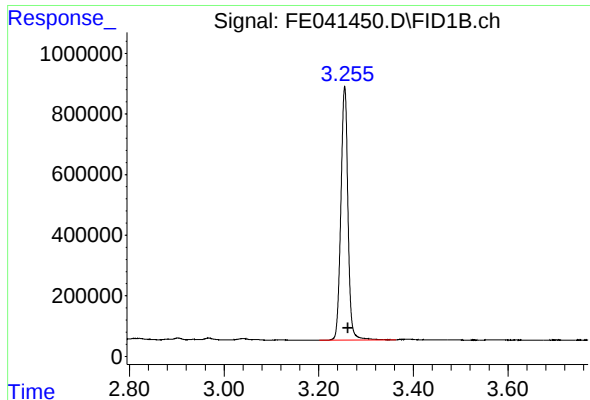
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





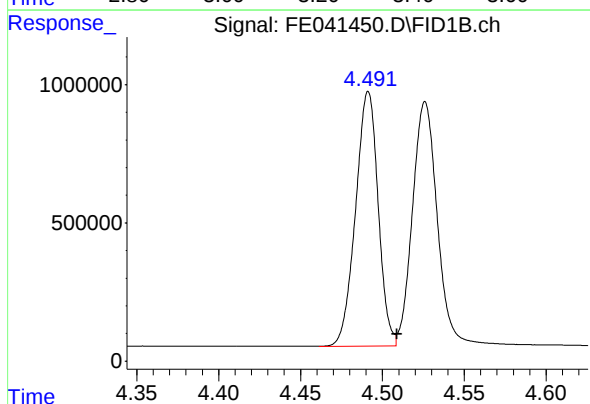
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.007 min
Response: 8740003
Conc: 50.37 ug/ml

Instrument :
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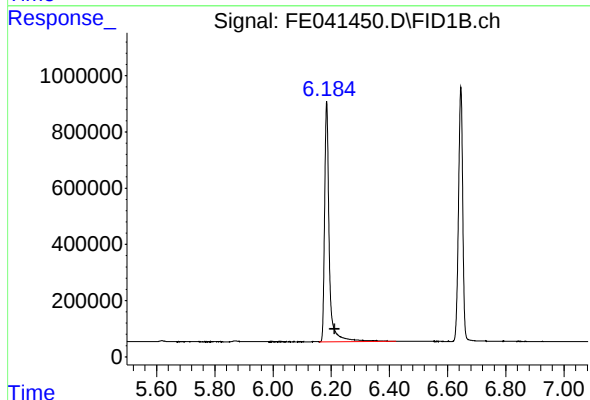
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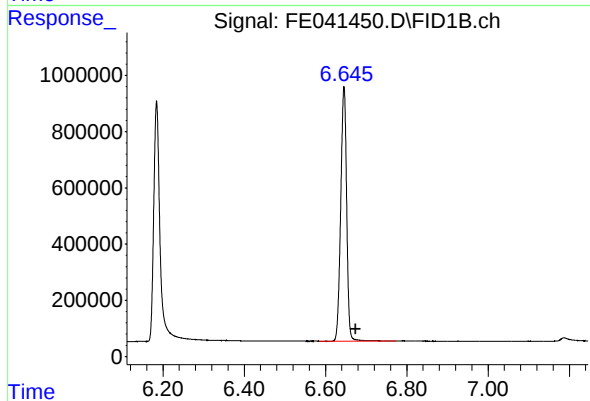
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.018 min
Response: 8862456
Conc: 52.07 ug/ml m



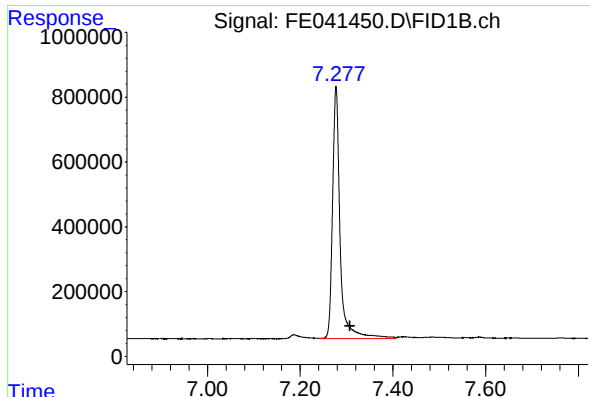
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.028 min
Response: 9434181
Conc: 51.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.028 min
Response: 9152852
Conc: 52.77 ug/ml



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

R.T.: 7.277 min
Delta R.T.: -0.030 min
Response: 8849687
Conc: 53.44 ug/ml

Instrument :

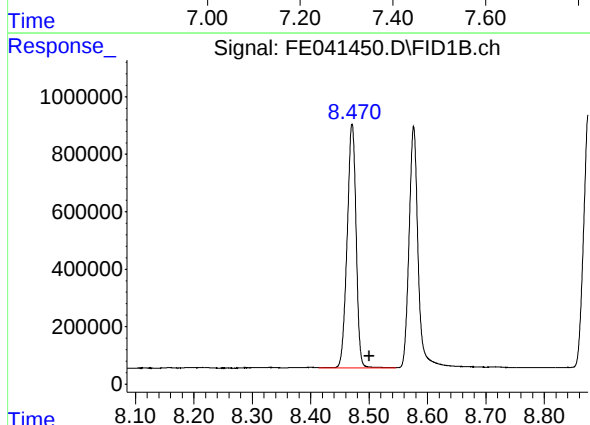
FID_E

ClientSampleId :

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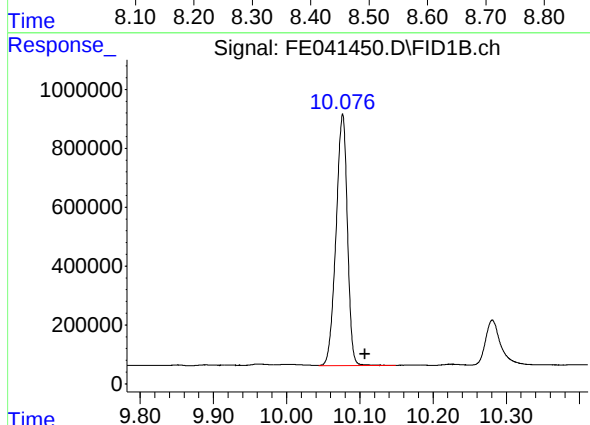
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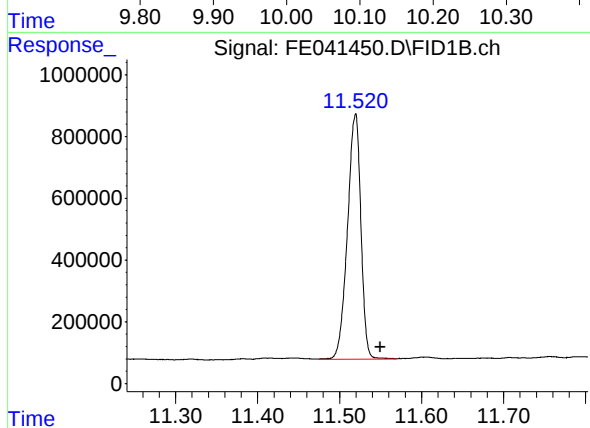
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.029 min
Response: 9075450
Conc: 52.05 ug/ml



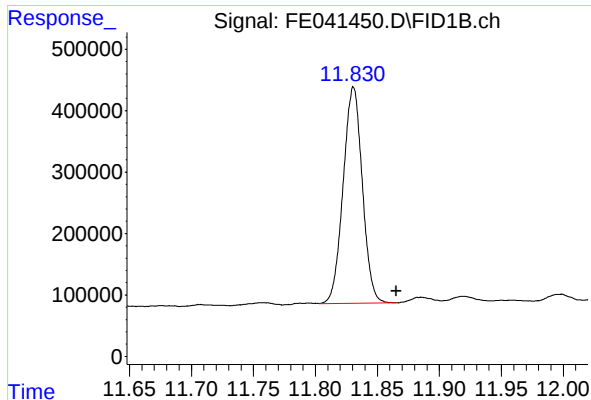
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.030 min
Response: 9227715
Conc: 51.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.030 min
Response: 9065254
Conc: 50.77 ug/ml



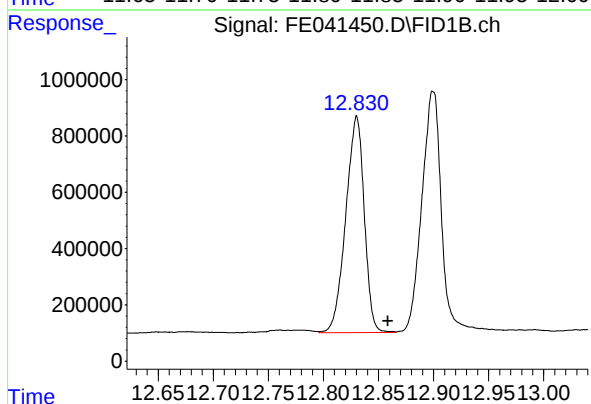
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.035 min
Response: 3795038
Conc: 20.19 ug/ml

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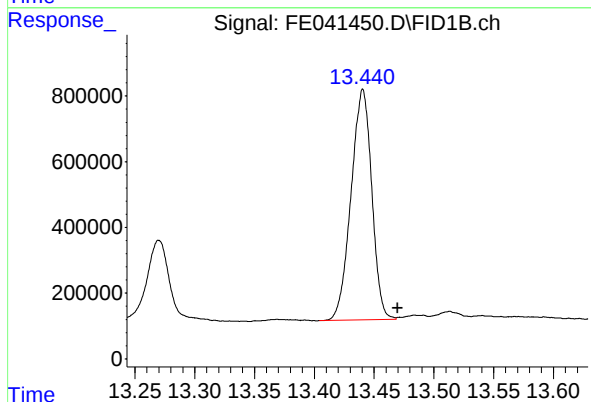
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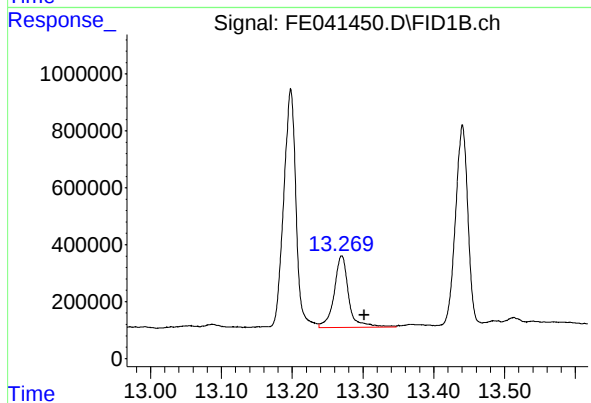
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.028 min
Response: 8969287
Conc: 52.58 ug/ml



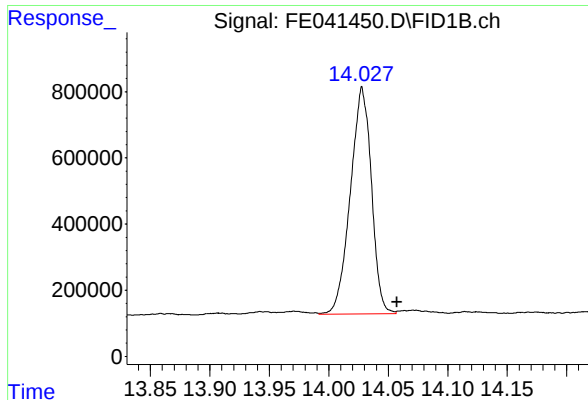
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.030 min
Response: 8466115
Conc: 50.04 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.032 min
Response: 3591529
Conc: 24.96 ug/ml



#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.030 min
Response: 8443232
Conc: 51.02 ug/ml

Instrument :

FID_E

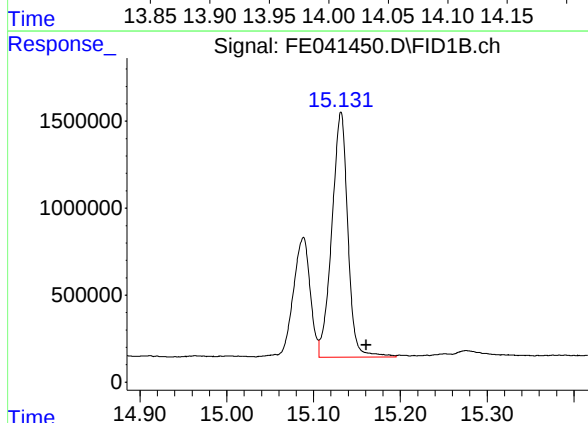
ClientSampleId :

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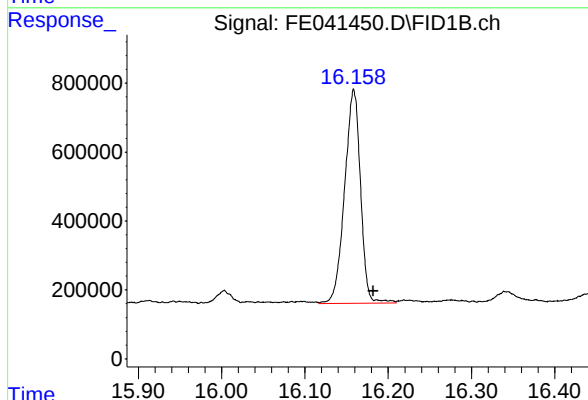
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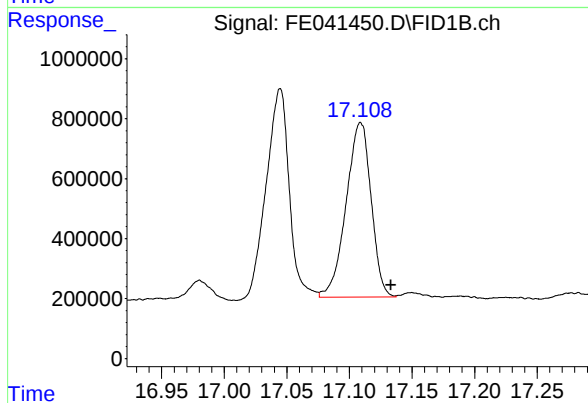
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 18076716
Conc: 111.73 ug/ml



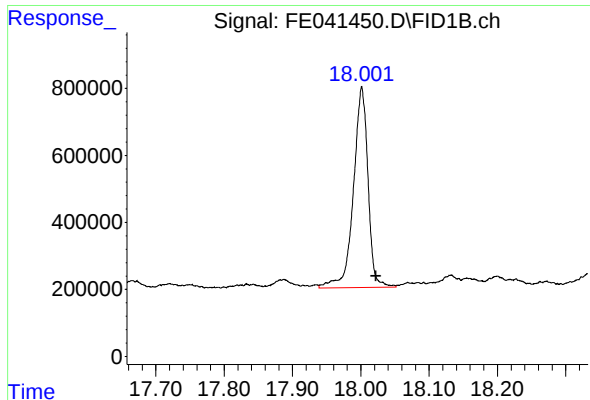
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.023 min
Response: 8237089
Conc: 53.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.025 min
Response: 8088043
Conc: 52.80 ug/ml m



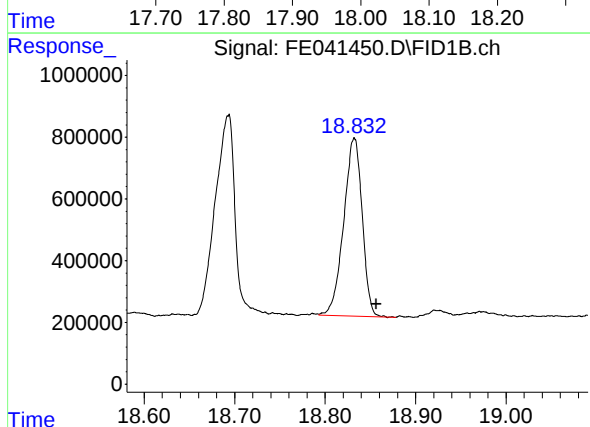
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.021 min
Response: 8876722
Conc: 58.07 ug/ml

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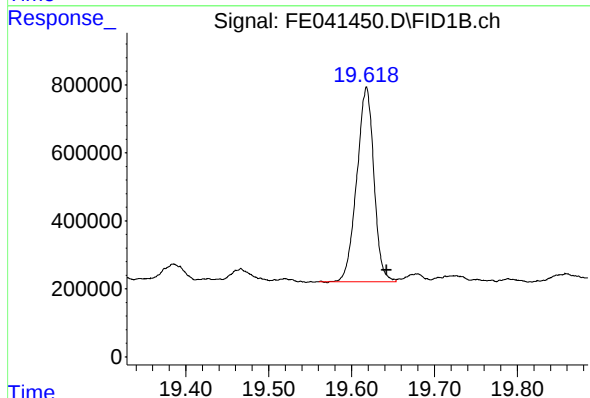
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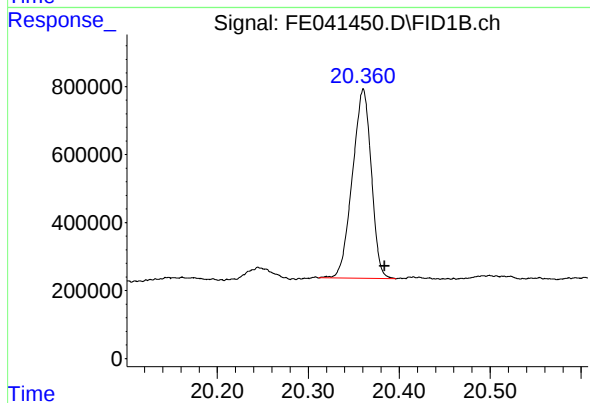
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.024 min
Response: 8186912
Conc: 52.44 ug/ml



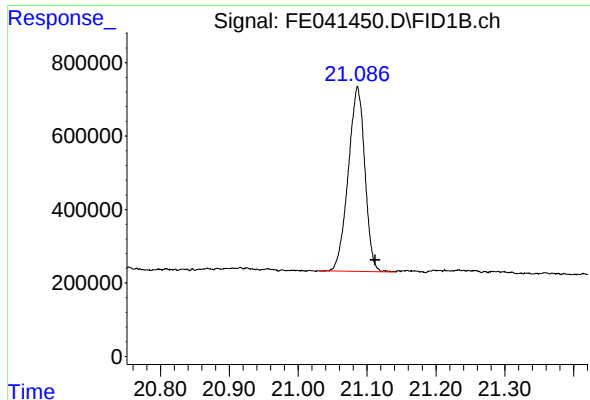
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.024 min
Response: 8222135
Conc: 53.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.024 min
Response: 8038994
Conc: 52.92 ug/ml m



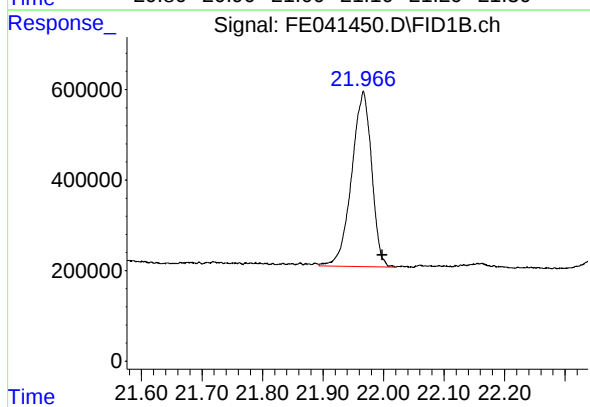
#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.026 min
Response: 8425736
Conc: 53.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.031 min
Response: 8882246
Conc: 55.65 ug/ml