

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045966.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 15:49
 Operator : YP\AJ
 Sample : 05994-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-A-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:28:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.843	5391889	25.784 ug/ml
Spiked Amount 50.000		Recovery =	51.57%
12) S 1-chlorooctadecane (S...	13.286	4036380	25.653 ug/ml
Spiked Amount 50.000		Recovery =	51.31%
Target Compounds			
1) T n-Nonane (C9)	3.232	5024235	31.683 ug/ml
2) T n-Decane (C10)	4.481	5874980	36.688 ug/mlm
3) T A~Naphthalene (C11.7)	6.181	7052812	40.488 ug/ml
4) T n-Dodecane (C12)	6.646	6675323	41.326 ug/ml
5) T A~2-methylnaphthalene...	7.277	7191445	42.348 ug/ml
6) T n-Tetradecane (C14)	8.476	7148170	44.558 ug/ml
7) T n-Hexadecane (C16)	10.084	7423249	44.828 ug/ml
8) T n-Octadecane (C18)	11.530	7555836	44.070 ug/ml
10) T n-Eicosane (C20)	12.843	7473781	43.196 ug/ml
11) T n-Heneicosane (C21)	13.455	7096935	41.254 ug/ml
13) T n-Docosane (C22)	14.043	6982847	40.499 ug/ml
14) T n-Tetracosane (C24)	15.146	13954637	79.933 ug/ml
15) T n-Hexacosane (C26)	16.175	6586321	37.819 ug/ml
16) T n-Octacosane (C28)	17.126	7455200	43.135 ug/ml
17) T n-Tricontane (C30)	18.020	6500953	37.159 ug/ml
18) T n-Dotriacontane (C32)	18.854	6536392	35.829 ug/ml
19) T n-Tetratriacontane (C34)	19.642	6277089	37.830 ug/ml
20) T n-Hexatriacontane (C36)	20.386	6074984	38.271 ug/ml
21) T n-Octatriacontane (C38)	21.121	6165584	39.317 ug/mlm
22) T n-Tetracontane (C40)	22.031	6290664	44.265 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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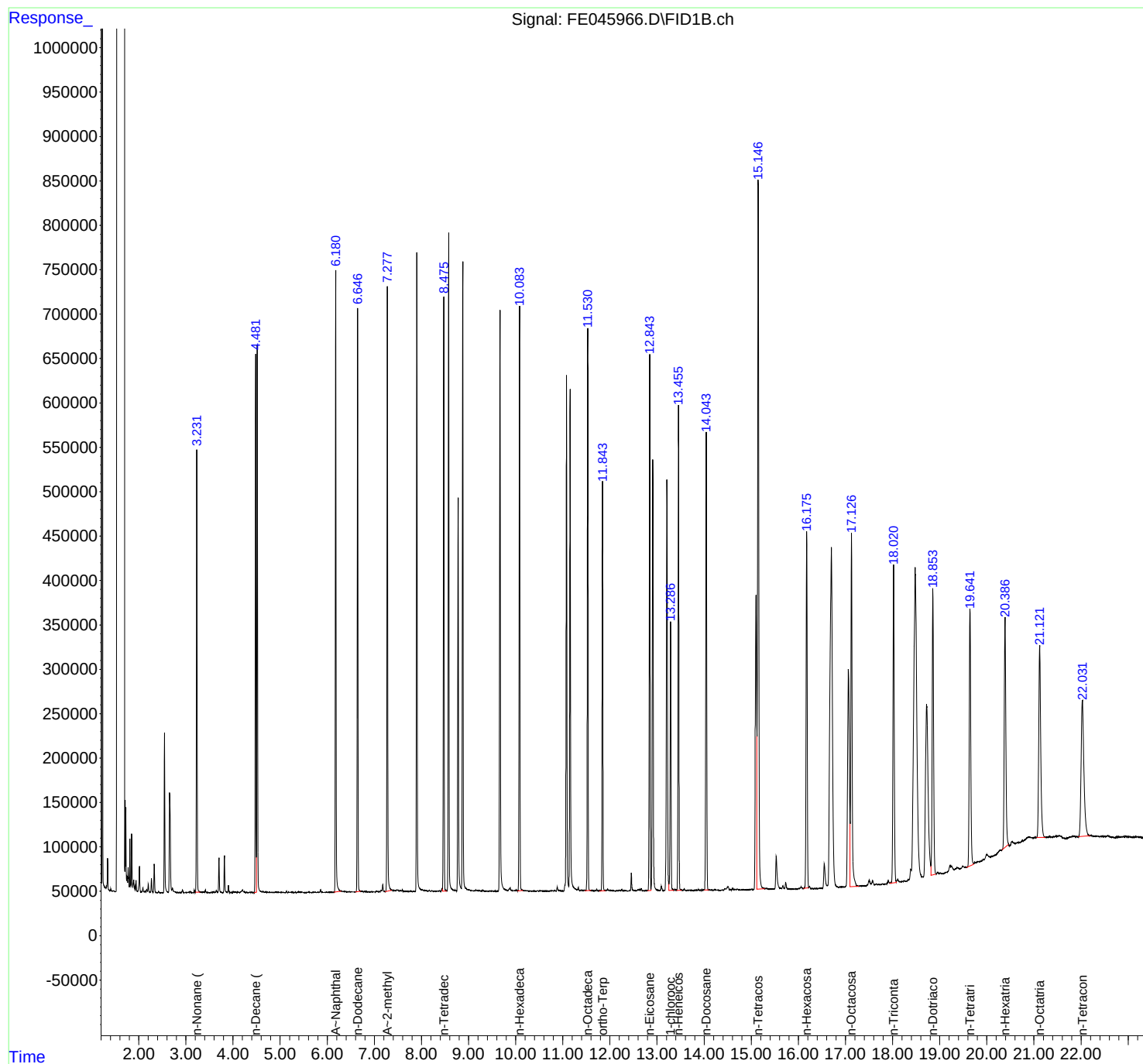
Instrument :
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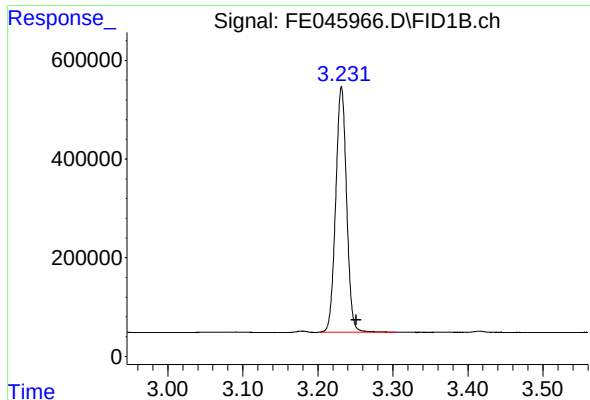
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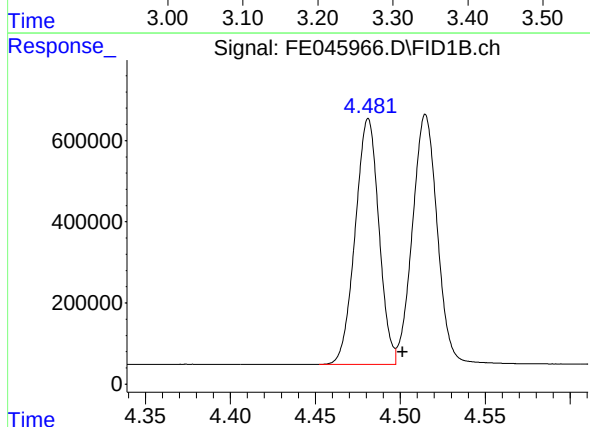
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.019 min
Response: 5024235
Conc: 31.68 ug/ml

Instrument :
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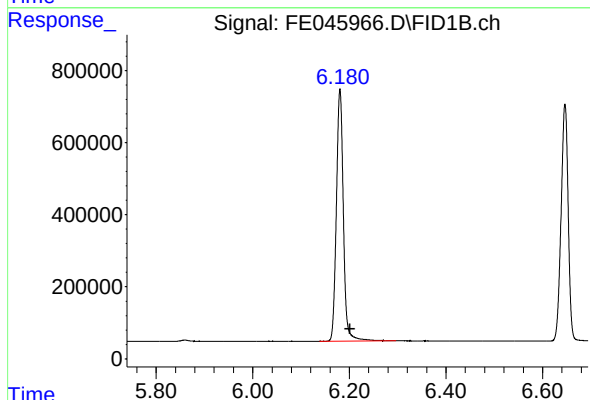
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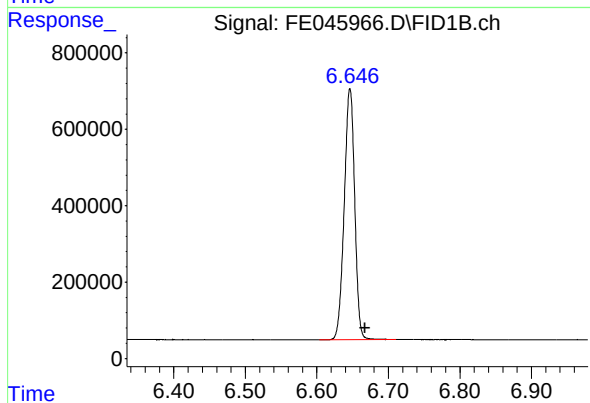
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.020 min
Response: 5874980
Conc: 36.69 ug/ml m



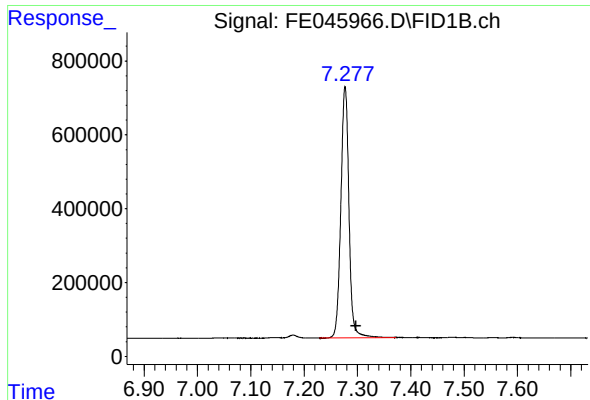
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.021 min
Response: 7052812
Conc: 40.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.021 min
Response: 6675323
Conc: 41.33 ug/ml



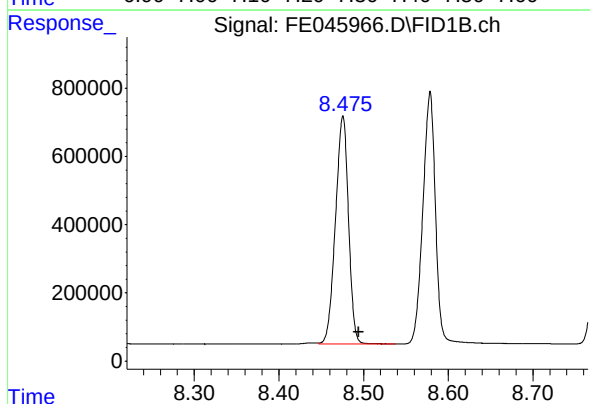
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.020 min
Response: 7191445
Conc: 42.35 ug/ml

Instrument :
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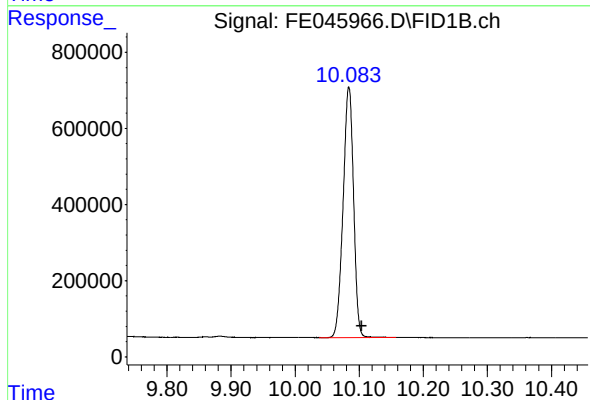
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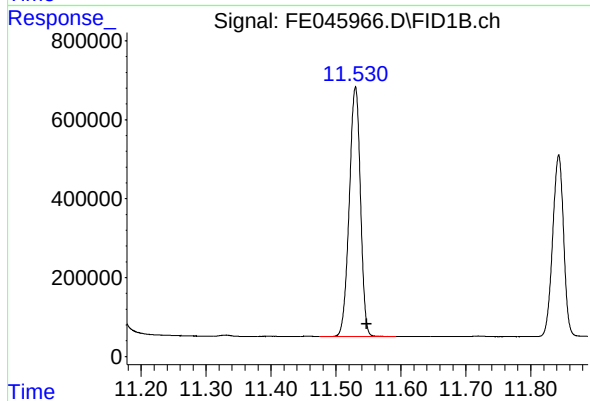
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.019 min
Response: 7148170
Conc: 44.56 ug/ml



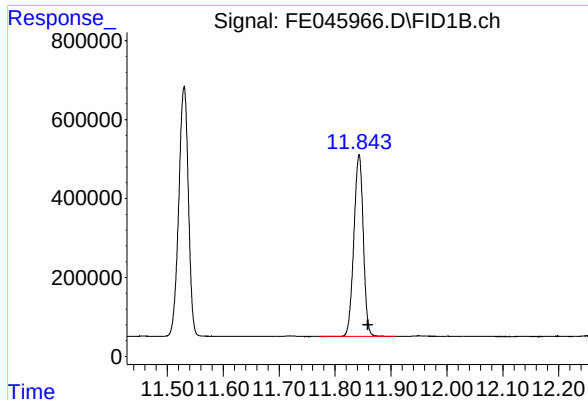
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 7423249
Conc: 44.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 7555836
Conc: 44.07 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.016 min
Response: 5391889
Conc: 25.78 ug/ml

Instrument :

FID_E

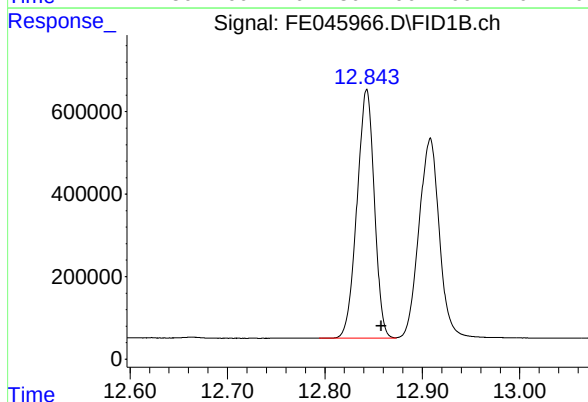
ClientSampleId :

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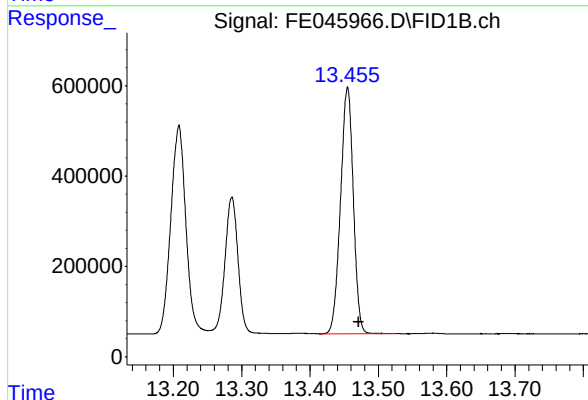
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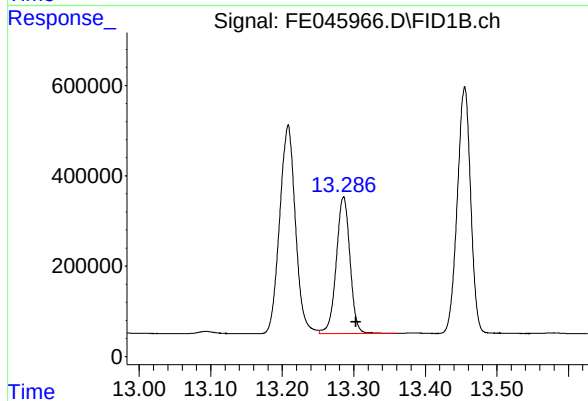
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.015 min
Response: 7473781
Conc: 43.20 ug/ml



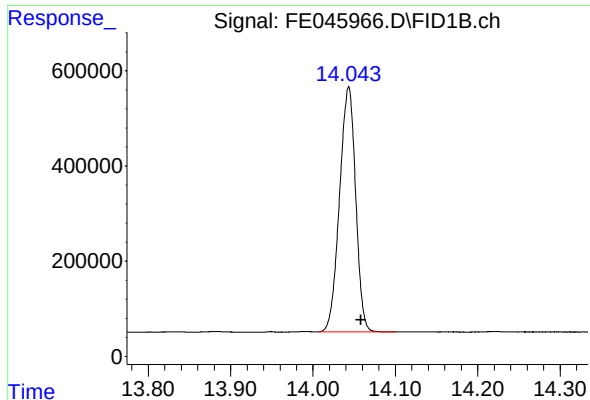
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.016 min
Response: 7096935
Conc: 41.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 4036380
Conc: 25.65 ug/ml



#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.015 min
Response: 6982847
Conc: 40.50 ug/ml

Instrument :

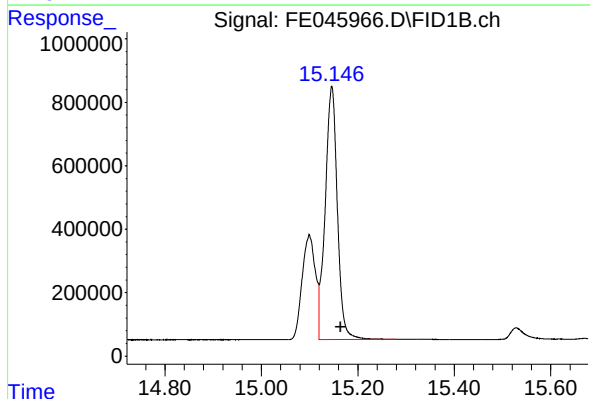
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ClientSampleId :

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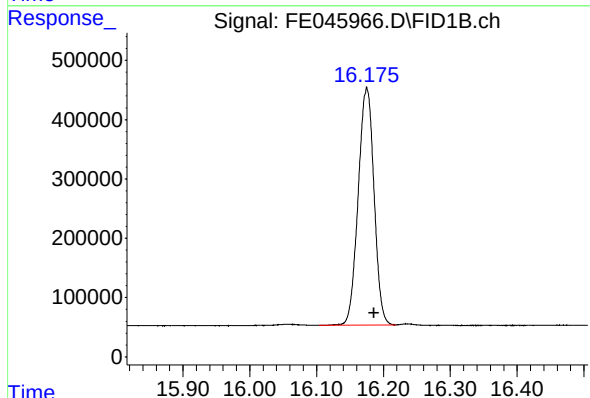
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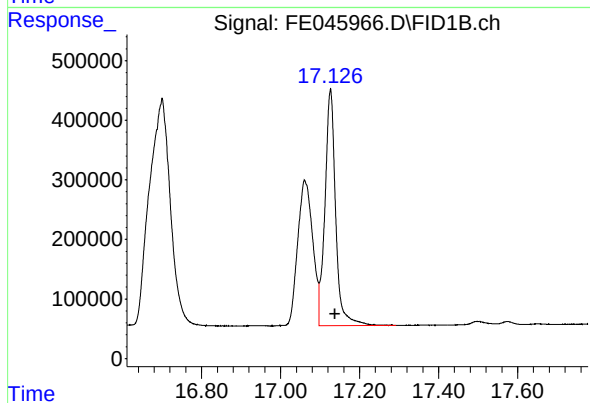
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 13954637
Conc: 79.93 ug/ml



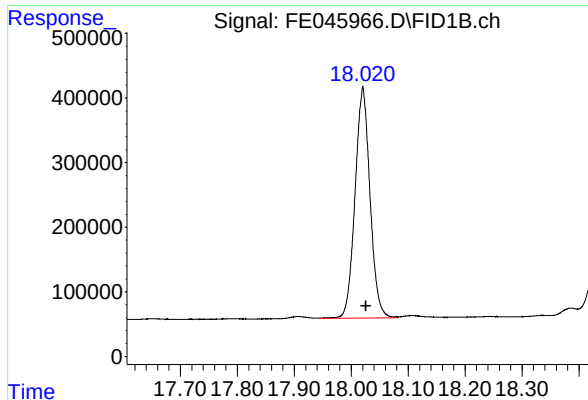
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.011 min
Response: 6586321
Conc: 37.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.012 min
Response: 7455200
Conc: 43.14 ug/ml



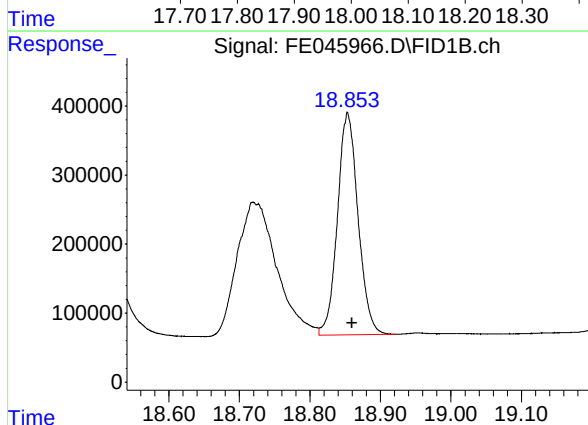
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.006 min
Response: 6500953
Conc: 37.16 ug/ml

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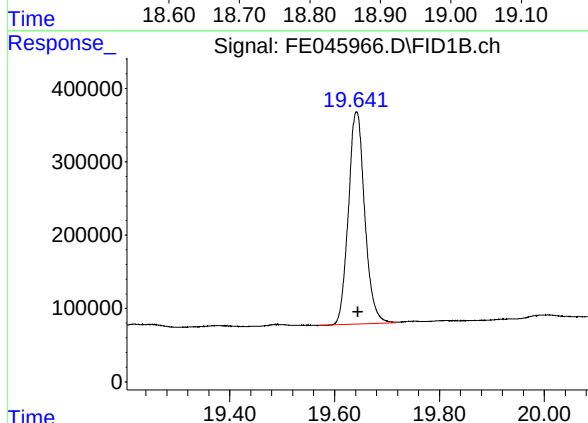
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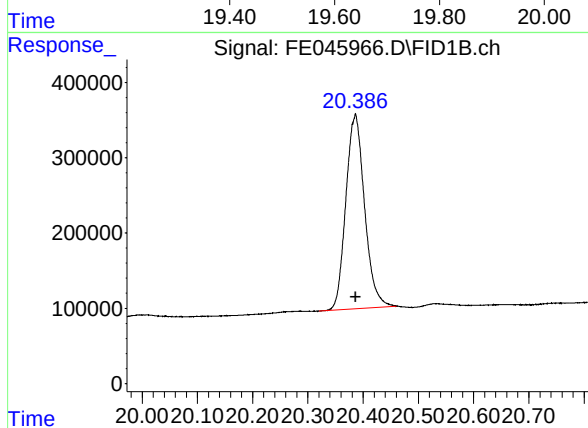
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.006 min
Response: 6536392
Conc: 35.83 ug/ml



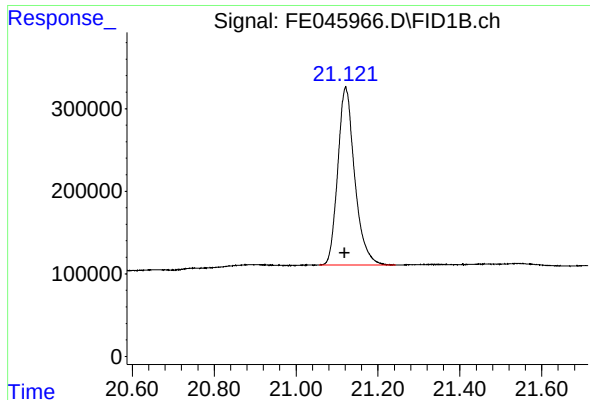
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 6277089
Conc: 37.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.000 min
Response: 6074984
Conc: 38.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.002 min
Response: 6165584
Conc: 39.32 ug/ml

Instrument :

FID_E

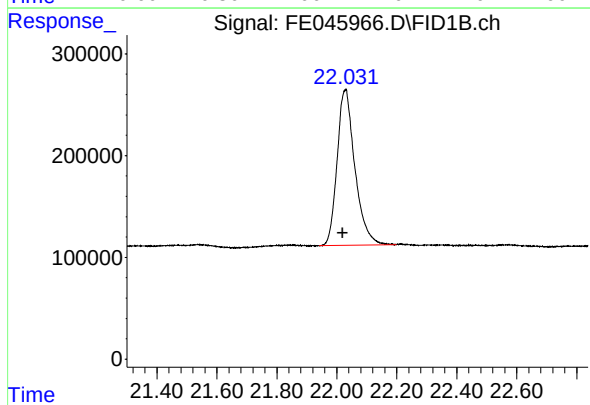
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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.012 min
Response: 6290664
Conc: 44.26 ug/ml m