

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044899.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 16:27
 Operator : YP\AJ
 Sample : 04905-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LSS-B4-COMP-101323MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 17 17:58:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.905	3856365	19.237 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.345	2886724	19.507 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	3.292	4583679	27.324 ug/ml
2) T n-Decane (C10)	4.543	5304856	31.141 ug/ml
3) T A~Naphthalene (C11.7)	6.242	6001558	32.420 ug/ml
4) T n-Dodecane (C12)	6.707	5767306	33.410 ug/ml
5) T A~2-methylnaphthalene...	7.338	5948246	32.974 ug/ml
6) T n-Tetradecane (C14)	8.536	5959185	34.752 ug/ml
7) T n-Hexadecane (C16)	10.145	6283344	35.932 ug/ml
8) T n-Octadecane (C18)	11.591	6560757	37.616 ug/ml
10) T n-Eicosane (C20)	12.904	6649628	39.811 ug/ml
11) T n-Heneicosane (C21)	13.516	6341960	38.905 ug/ml
13) T n-Docosane (C22)	14.103	6260778	39.141 ug/ml
14) T n-Tetracosane (C24)	15.187	11939303	76.930 ug/mlm
15) T n-Hexacosane (C26)	16.233	5896227	39.273 ug/ml
16) T n-Octacosane (C28)	17.182	5876087	40.016 ug/ml
17) T n-Tricontane (C30)	18.073	5816565	39.108 ug/ml
18) T n-Dotriacontane (C32)	18.904	5827566	38.826 ug/ml
19) T n-Tetratriacontane (C34)	19.689	5845941	39.270 ug/ml
20) T n-Hexatriacontane (C36)	20.431	5735068	37.304 ug/mlm
21) T n-Octatriacontane (C38)	21.171	6065682	38.830 ug/ml
22) T n-Tetracontane (C40)	22.089	6150847	36.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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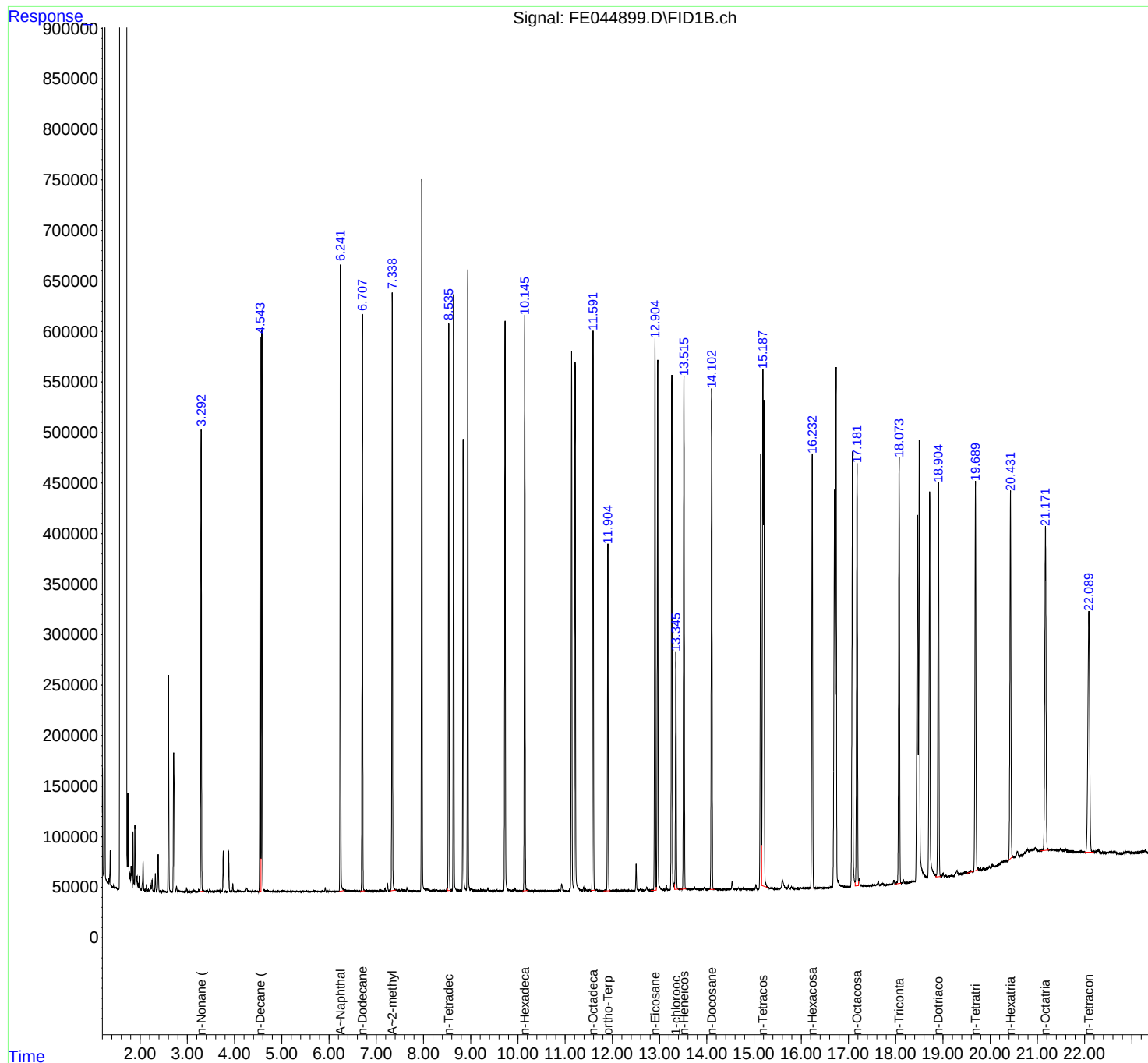
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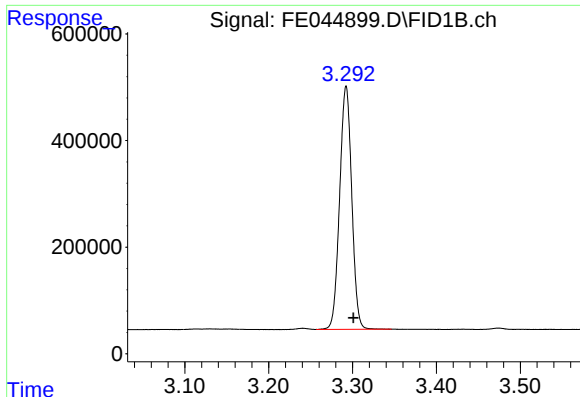
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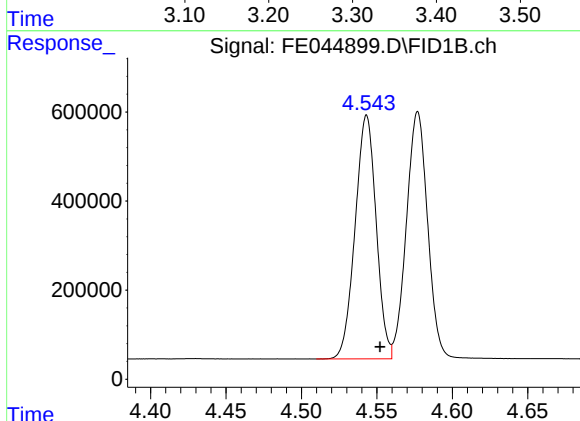
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.009 min
Response: 4583679
Conc: 27.32 ug/ml

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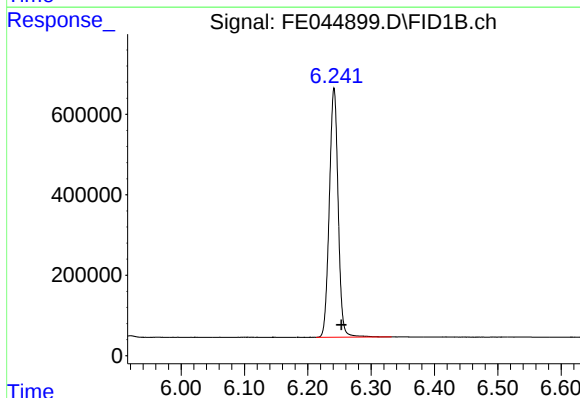
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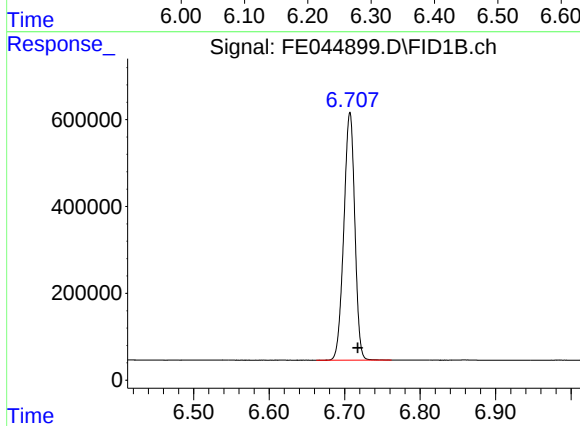
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 5304856
Conc: 31.14 ug/ml



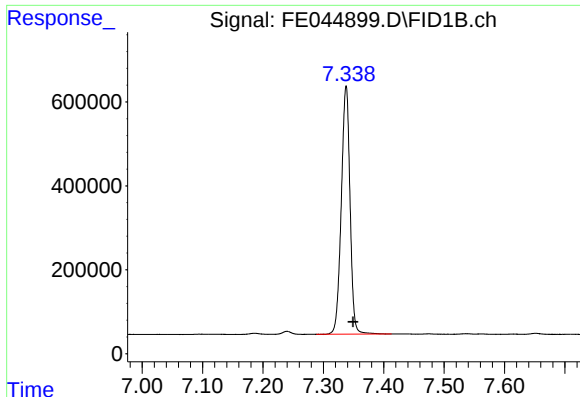
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.012 min
Response: 6001558
Conc: 32.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.011 min
Response: 5767306
Conc: 33.41 ug/ml



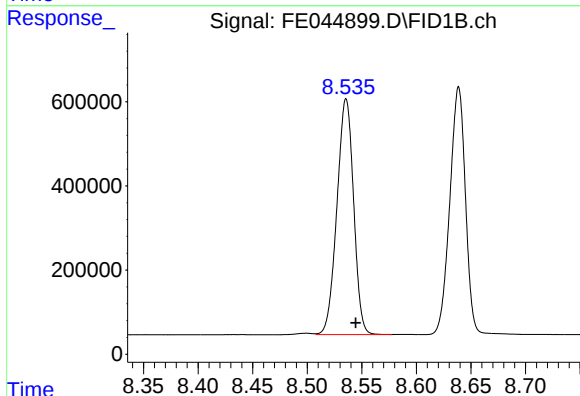
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 5948246
Conc: 32.97 ug/ml

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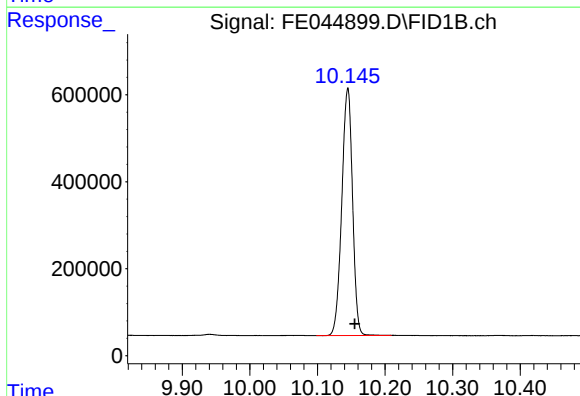
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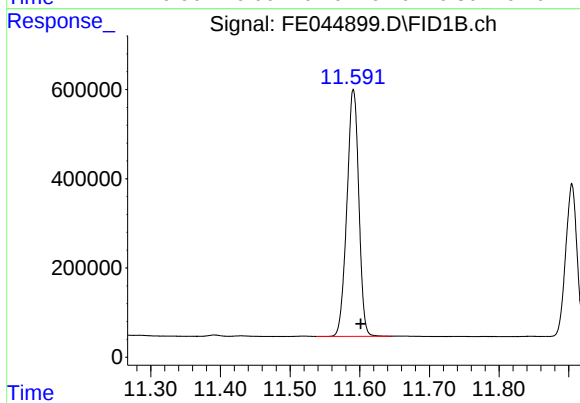
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.009 min
Response: 5959185
Conc: 34.75 ug/ml



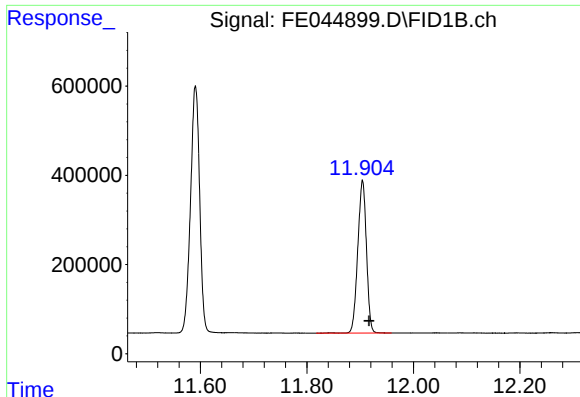
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.010 min
Response: 6283344
Conc: 35.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 6560757
Conc: 37.62 ug/ml



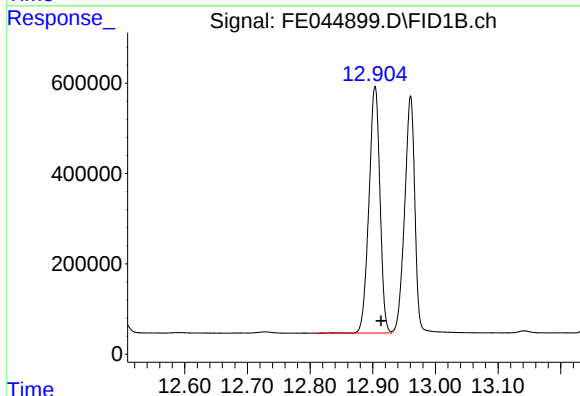
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.012 min
Response: 3856365
Conc: 19.24 ug/ml

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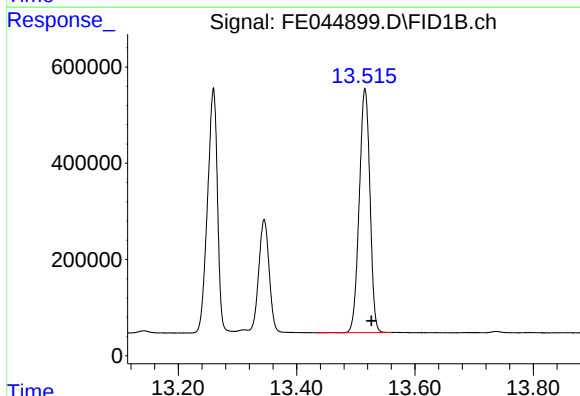
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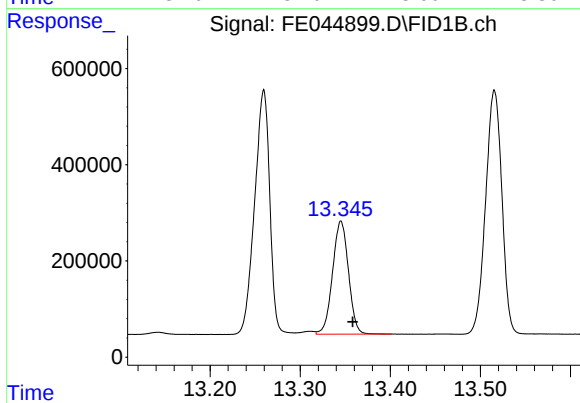
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.010 min
Response: 6649628
Conc: 39.81 ug/ml



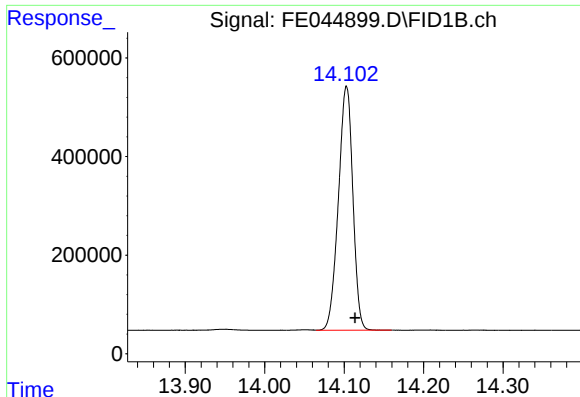
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.011 min
Response: 6341960
Conc: 38.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: -0.013 min
Response: 2886724
Conc: 19.51 ug/ml



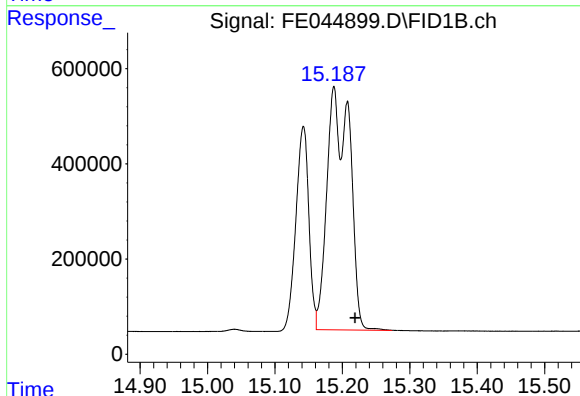
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 6260778
Conc: 39.14 ug/ml

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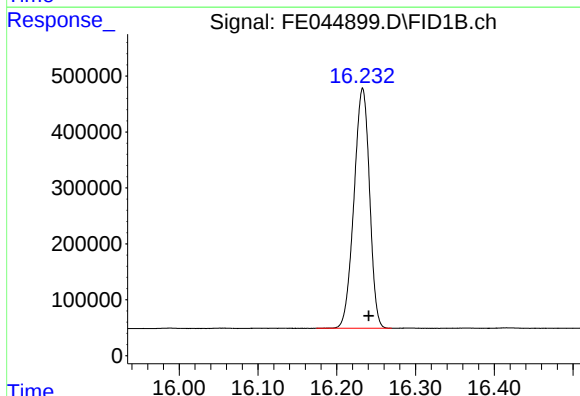
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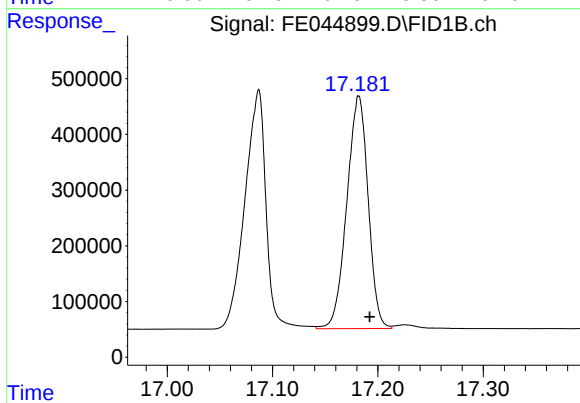
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.031 min
Response: 11939303
Conc: 76.93 ug/ml m



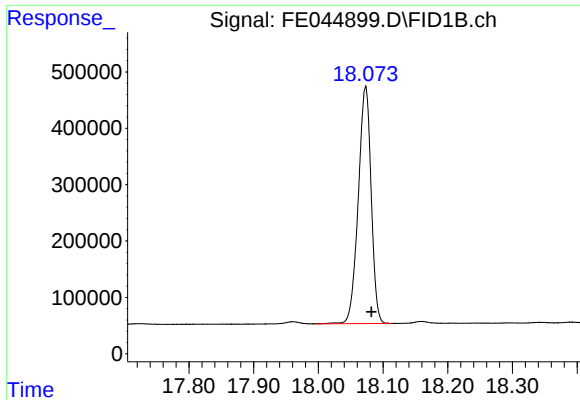
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.008 min
Response: 5896227
Conc: 39.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.011 min
Response: 5876087
Conc: 40.02 ug/ml



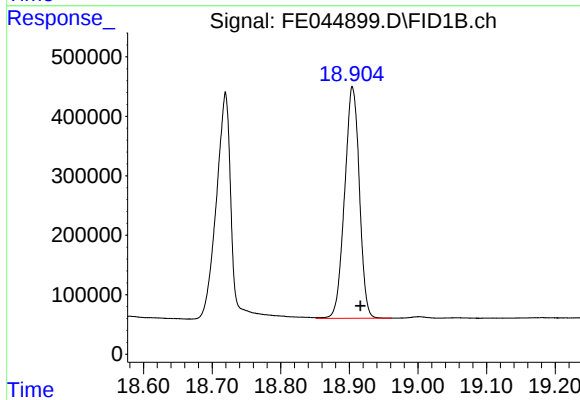
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.009 min
Response: 5816565
Conc: 39.11 ug/ml

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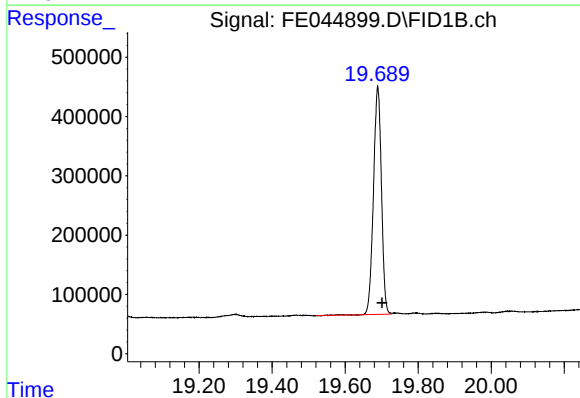
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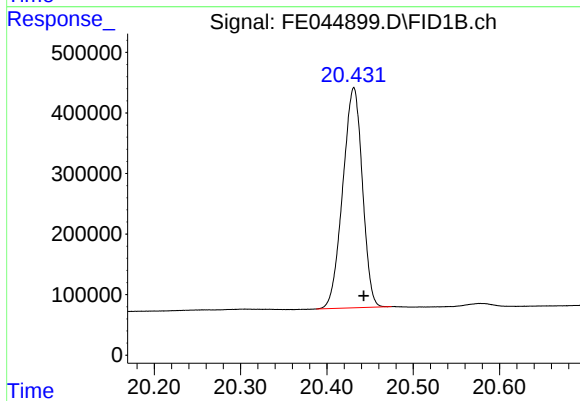
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 5827566
Conc: 38.83 ug/ml



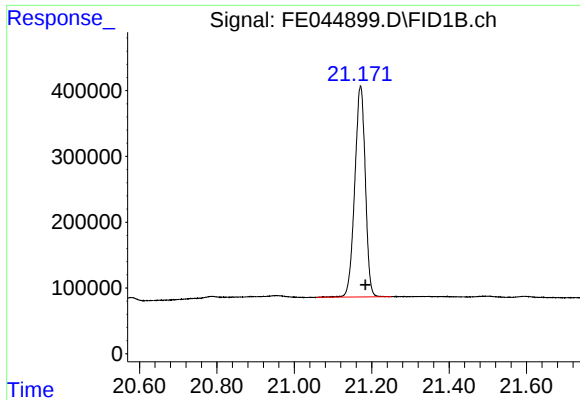
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.012 min
Response: 5845941
Conc: 39.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.012 min
Response: 5735068
Conc: 37.30 ug/ml m



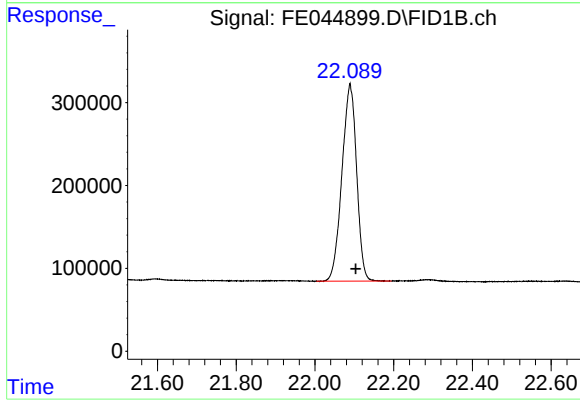
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 6065682
Conc: 38.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.014 min
Response: 6150847
Conc: 36.80 ug/ml