

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046123.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 16:41
 Operator : YP\AJ
 Sample : P1067-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-A-COMP(0-8)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2024
 Supervised By :Ankita Jodhani 01/10/2024

Integration File: autoint1.e
 Quant Time: Jan 10 02:38:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.836	5743897	31.608 ug/ml
Spiked Amount 50.000		Recovery =	63.22%
12) S 1-chlorooctadecane (S...	13.278	4614048	34.534 ug/ml
Spiked Amount 50.000		Recovery =	69.07%
Target Compounds			
1) T n-Nonane (C9)	3.224	4375805	28.592 ug/ml
2) T n-Decane (C10)	4.473	4934350	31.794 ug/ml
3) T A~Naphthalene (C11.7)	6.174	5884095	35.381 ug/ml
4) T n-Dodecane (C12)	6.639	5440331	34.843 ug/ml
5) T A~2-methylnaphthalene...	7.270	5897142	37.040 ug/ml
6) T n-Tetradecane (C14)	8.467	5784553	37.135 ug/ml
7) T n-Hexadecane (C16)	10.076	6128824	38.703 ug/ml
8) T n-Octadecane (C18)	11.522	6396359	40.640 ug/ml
10) T n-Eicosane (C20)	12.834	6498313	42.956 ug/ml
11) T n-Heneicosane (C21)	13.447	6187026	42.074 ug/ml
13) T n-Docosane (C22)	14.034	6126762	41.915 ug/ml
14) T n-Tetracosane (C24)	15.138	13330298	91.912 ug/ml
15) T n-Hexacosane (C26)	16.165	5777305	40.297 ug/ml
16) T n-Octacosane (C28)	17.117	7281598	50.771 ug/mlm
17) T n-Tricontane (C30)	18.010	5752942	38.705 ug/ml
18) T n-Dotriacontane (C32)	18.844	6147134	41.101 ug/mlm
19) T n-Tetratriacontane (C34)	19.631	5700868	39.795 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5591922	38.353 ug/ml
21) T n-Octatriacontane (C38)	21.105	6062537	41.113 ug/ml
22) T n-Tetracontane (C40)	22.006	5873250	37.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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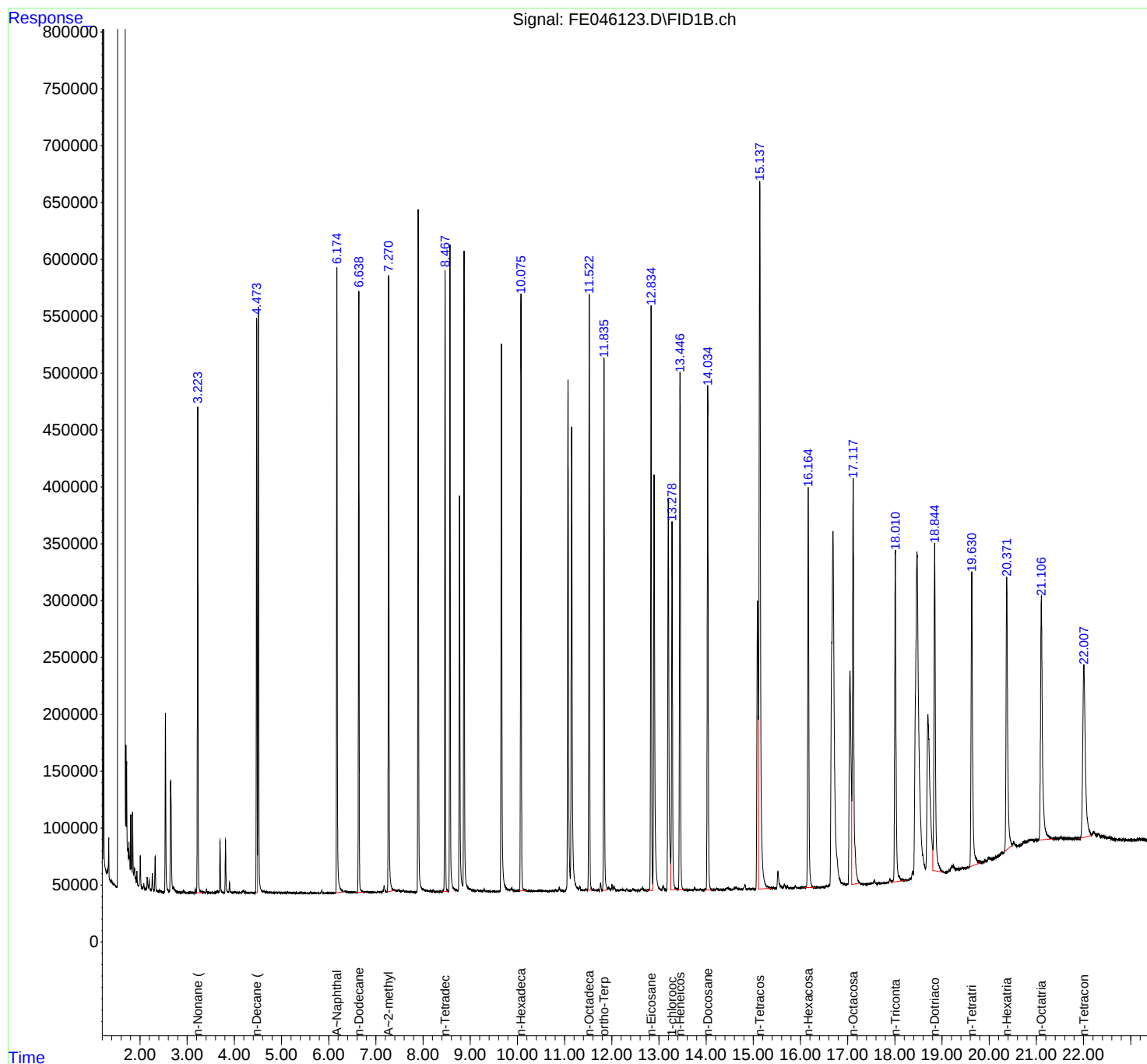
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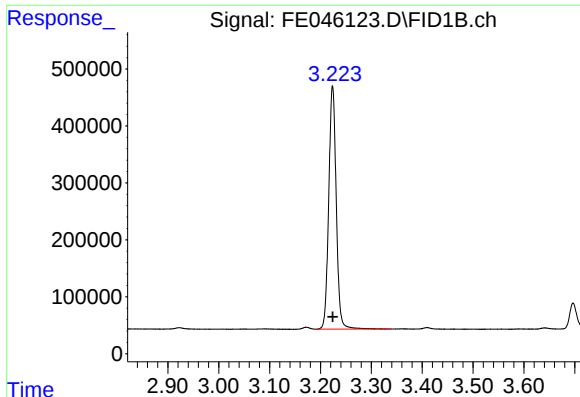
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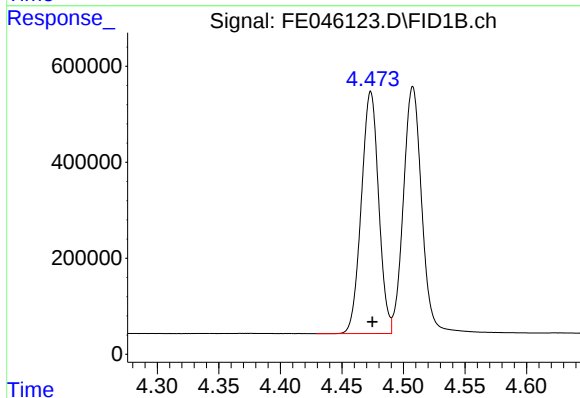
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 4375805
Conc: 28.59 ug/ml

Instrument :
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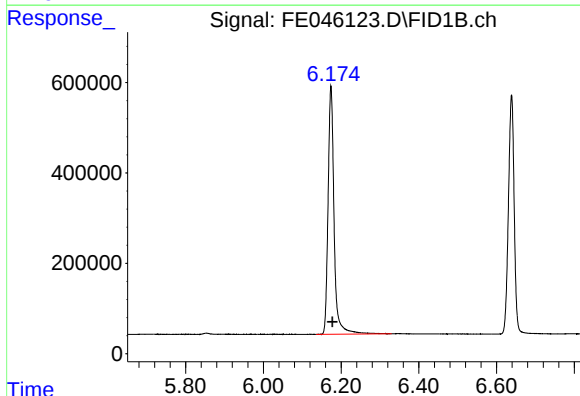
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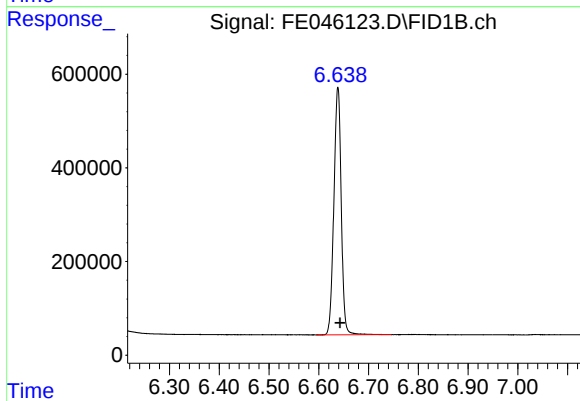
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 4934350
Conc: 31.79 ug/ml



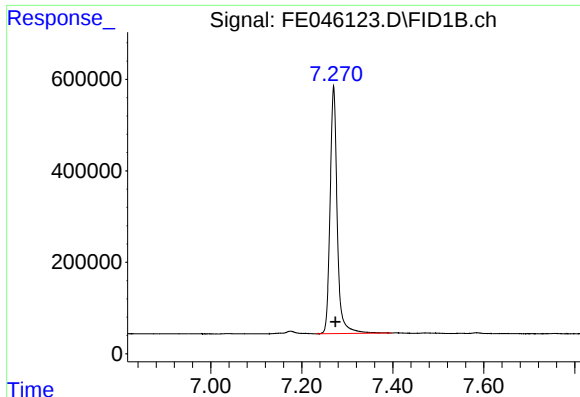
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 5884095
Conc: 35.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 5440331
Conc: 34.84 ug/ml



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

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 5897142
Conc: 37.04 ug/ml

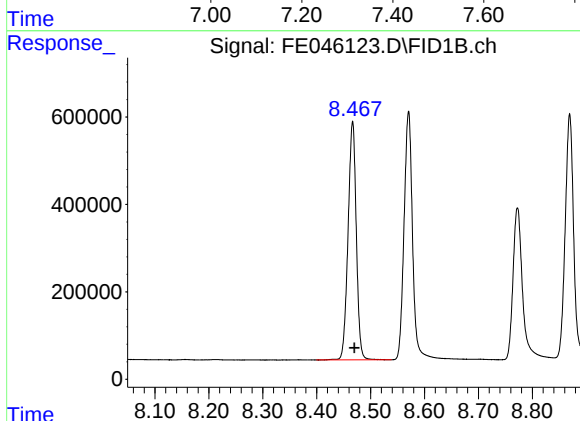
Instrument :

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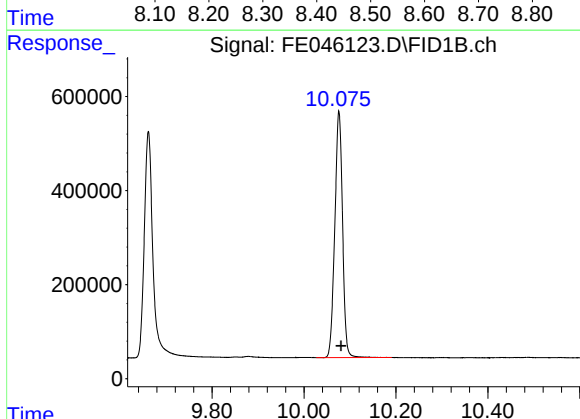
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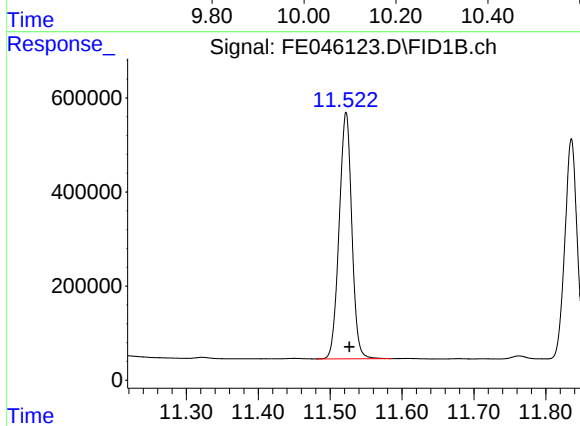
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.003 min
Response: 5784553
Conc: 37.13 ug/ml



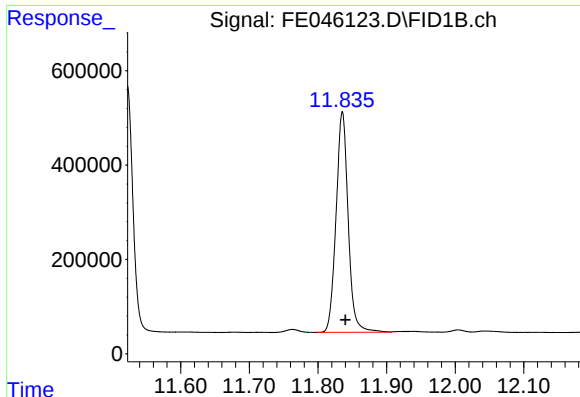
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.004 min
Response: 6128824
Conc: 38.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 6396359
Conc: 40.64 ug/ml



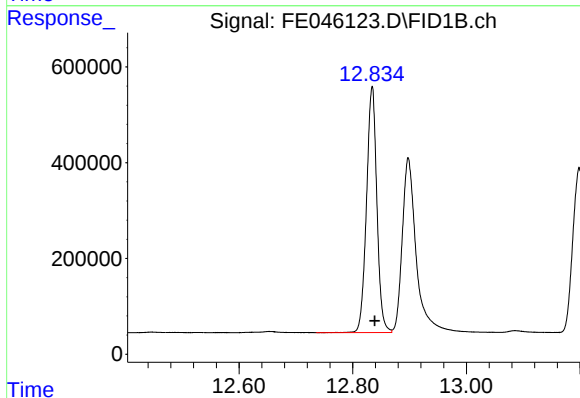
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.005 min
Response: 5743897
Conc: 31.61 ug/ml

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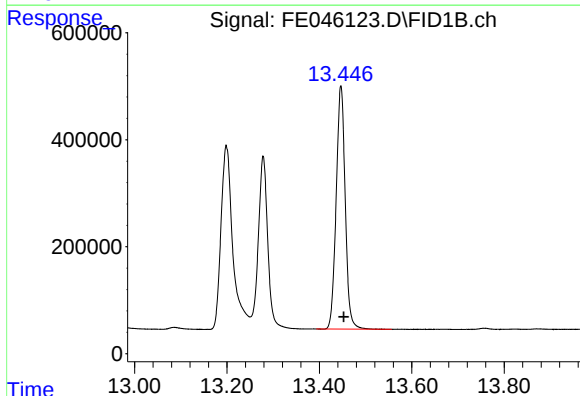
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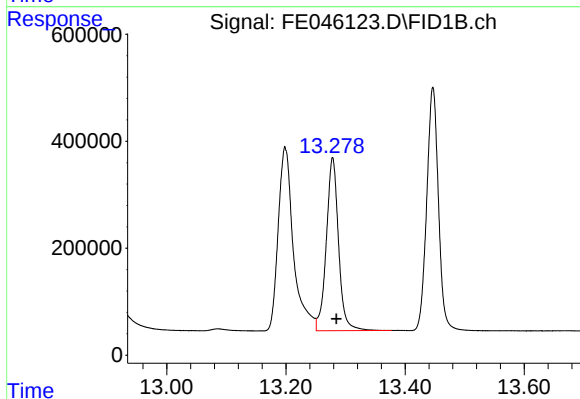
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.005 min
Response: 6498313
Conc: 42.96 ug/ml



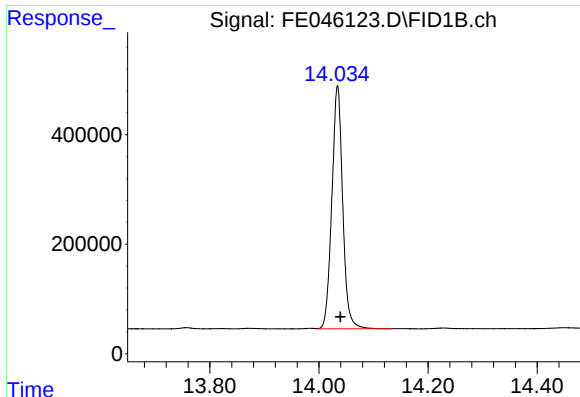
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.006 min
Response: 6187026
Conc: 42.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 4614048
Conc: 34.53 ug/ml



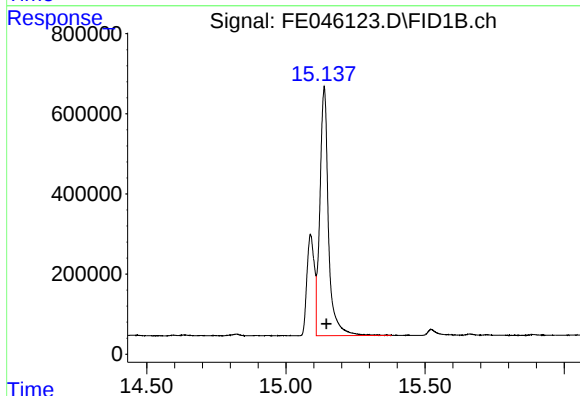
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.005 min
Response: 6126762
Conc: 41.91 ug/ml

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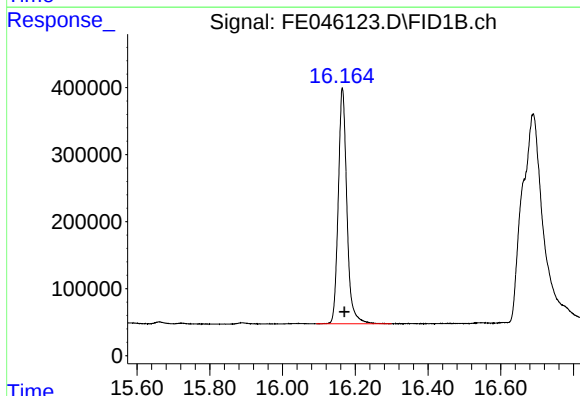
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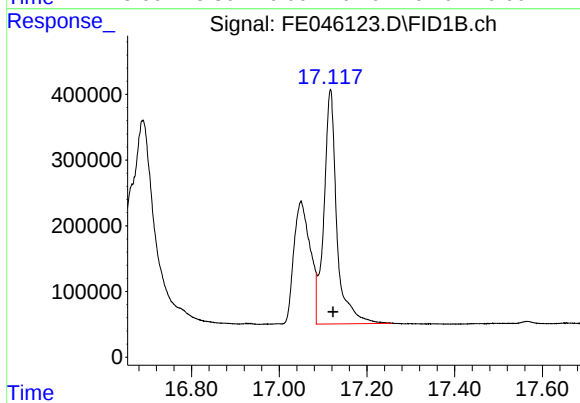
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.008 min
Response: 13330298
Conc: 91.91 ug/ml



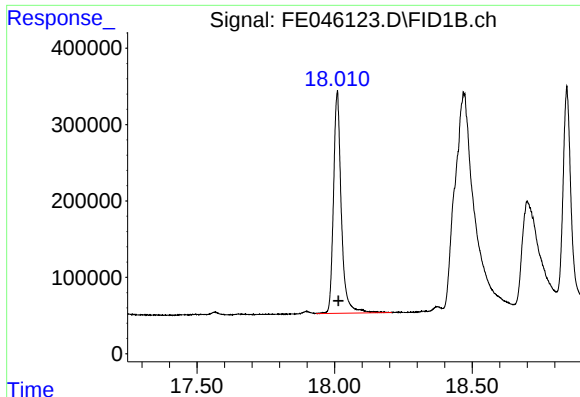
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 5777305
Conc: 40.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.006 min
Response: 7281598
Conc: 50.77 ug/ml m



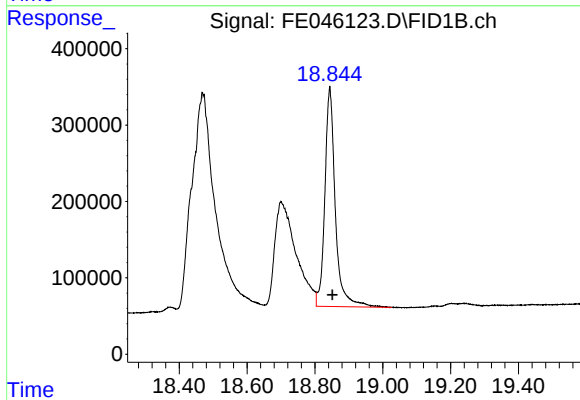
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.004 min
Response: 5752942
Conc: 38.70 ug/ml

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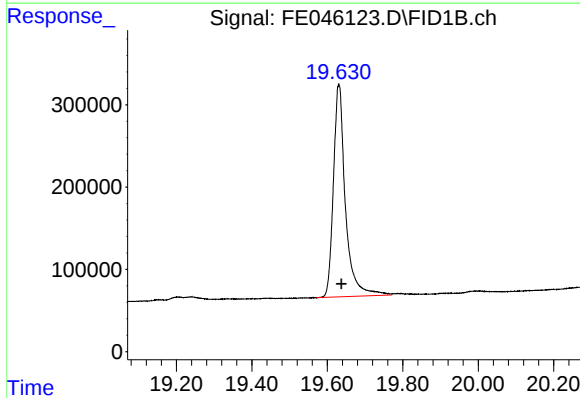
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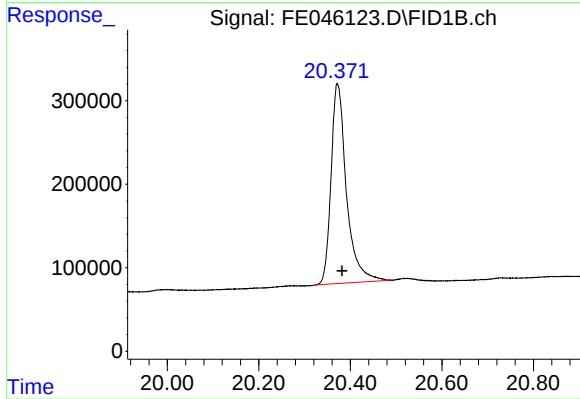
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.007 min
Response: 6147134
Conc: 41.10 ug/ml m



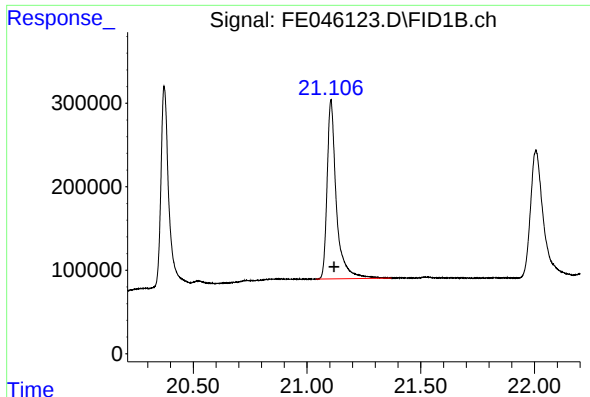
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.006 min
Response: 5700868
Conc: 39.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.010 min
Response: 5591922
Conc: 38.35 ug/ml



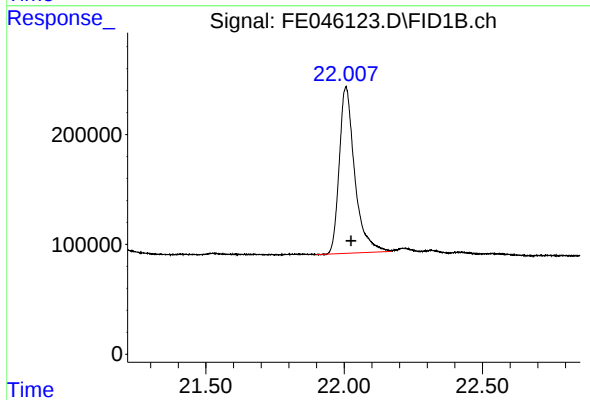
#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.015 min
Response: 6062537
Conc: 41.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.019 min
Response: 5873250
Conc: 37.52 ug/ml