

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045588.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 11:20
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 11:44:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 11:44:04 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)	11.859	2237849	10.886 ug/ml
Spiked Amount 50.000		Recovery =	21.77%
12) S 1-chlorooctadecane (S...	13.303	1690849	10.824 ug/ml
Spiked Amount 50.000		Recovery =	21.65%
Target Compounds			
1) T n-Nonane (C9)	3.251	1709212	10.886 ug/mlm
2) T n-Decane (C10)	4.501	1712316	10.803 ug/ml
3) T A~Naphthalene (C11.7)	6.200	1847750	10.620 ug/ml
4) T n-Dodecane (C12)	6.667	1720528	10.741 ug/ml
5) T A~2-methylnaphthalene...	7.296	1788898	10.496 ug/ml
6) T n-Tetradecane (C14)	8.494	1696832	10.647 ug/ml
7) T n-Hexadecane (C16)	10.103	1764817	10.724 ug/ml
8) T n-Octadecane (C18)	11.547	1832727	10.787 ug/ml
10) T n-Eicosane (C20)	12.859	1851516	10.890 ug/ml
11) T n-Heneicosane (C21)	13.471	1848141	10.878 ug/ml
13) T n-Docosane (C22)	14.059	1852815	10.886 ug/ml
14) T n-Tetracosane (C24)	15.163	1876176	10.907 ug/ml
15) T n-Hexacosane (C26)	16.186	1873110	10.910 ug/ml
16) T n-Octacosane (C28)	17.138	1861960	10.967 ug/ml
17) T n-Tricontane (C30)	18.028	1886240	11.036 ug/ml
18) T n-Dotriacontane (C32)	18.861	1862547	11.062 ug/ml
19) T n-Tetratriacontane (C34)	19.647	1788504	11.085 ug/ml
20) T n-Hexatriacontane (C36)	20.387	1733382	11.122 ug/ml
21) T n-Octatriacontane (C38)	21.121	1680081	11.145 ug/ml
22) T n-Tetracontane (C40)	22.025	1574968	10.755 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

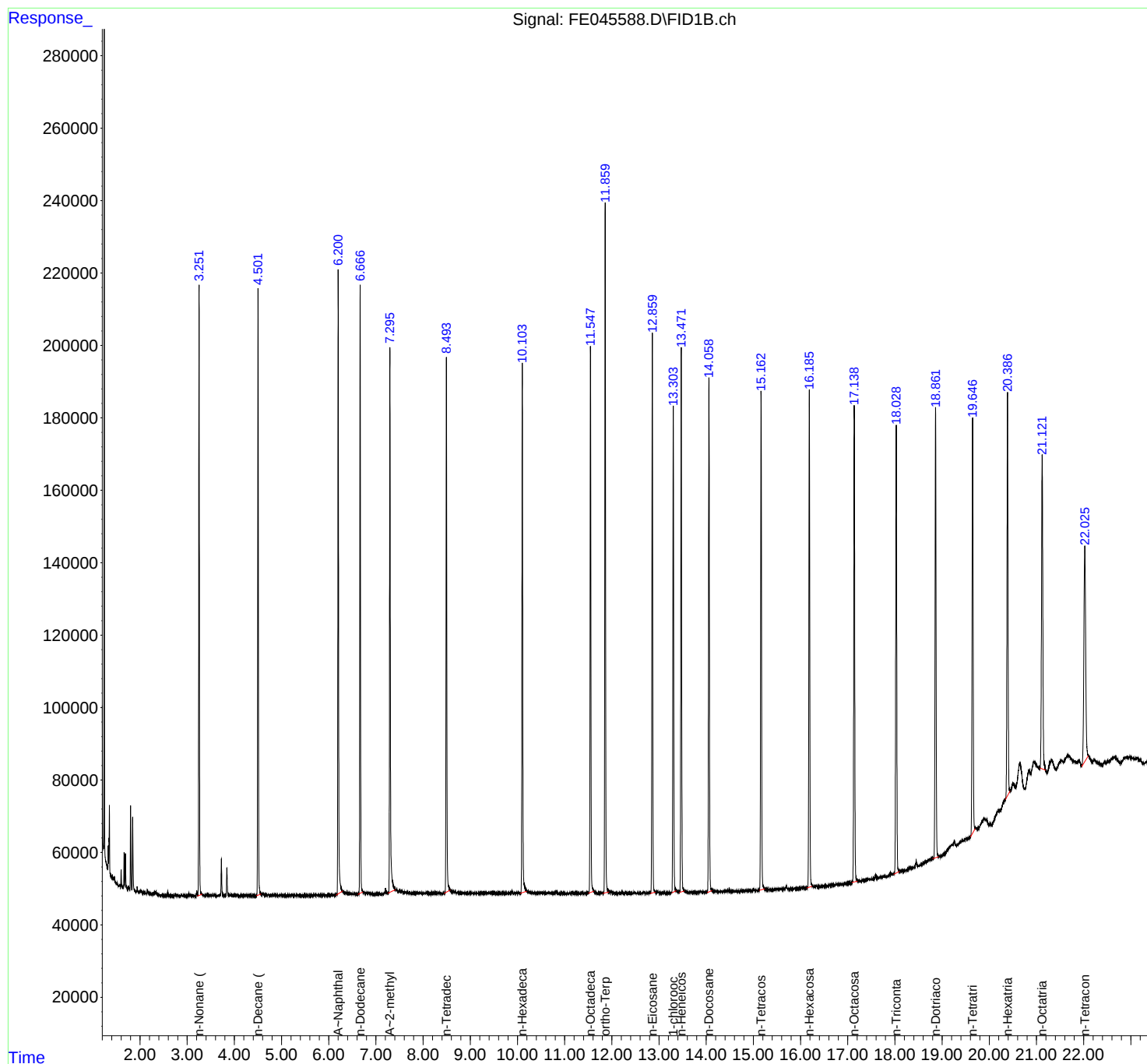
Instrument :
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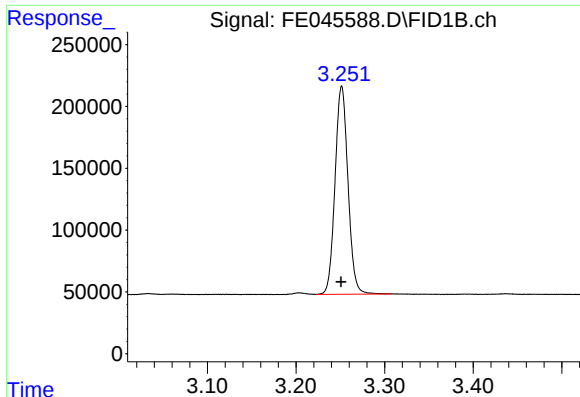
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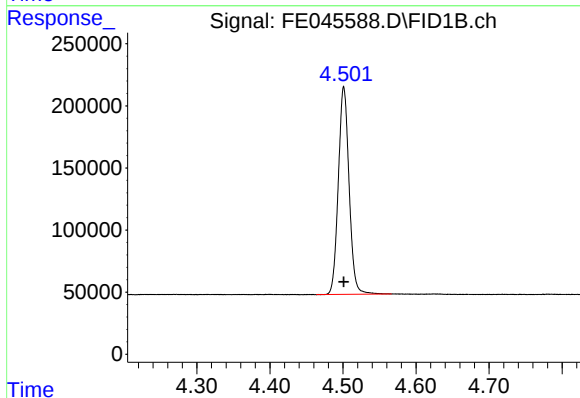
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 1709212
Conc: 10.89 ug/ml

Instrument :
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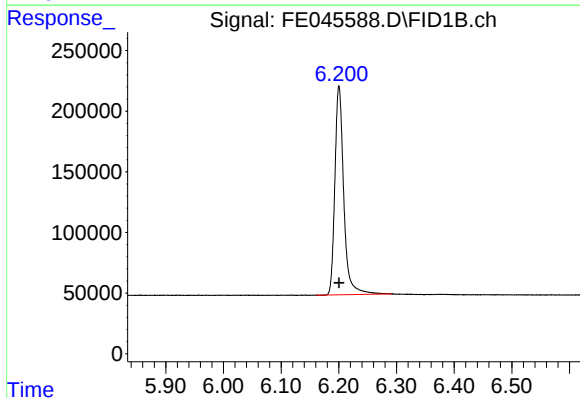
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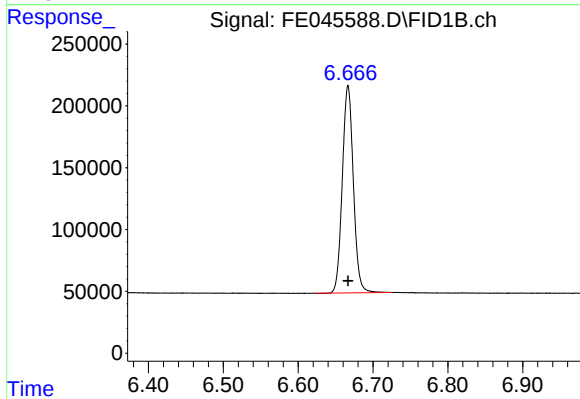
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 1712316
Conc: 10.80 ug/ml



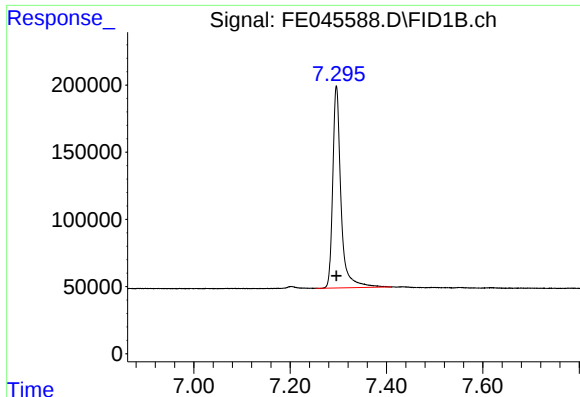
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 1847750
Conc: 10.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 1720528
Conc: 10.74 ug/ml



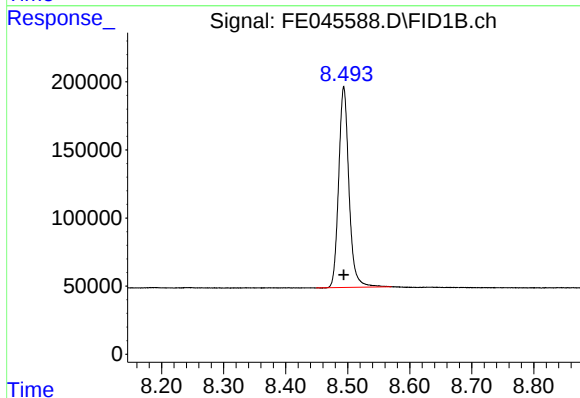
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 1788898
Conc: 10.50 ug/ml

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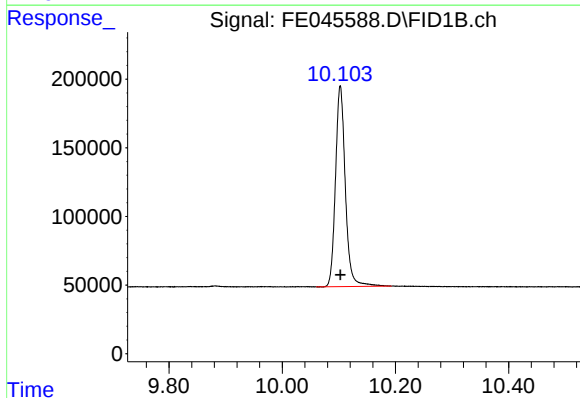
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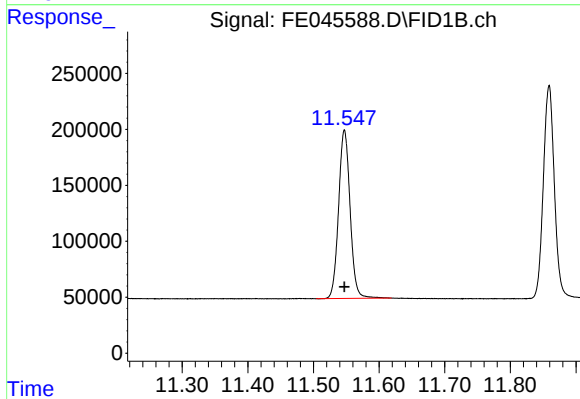
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 1696832
Conc: 10.65 ug/ml



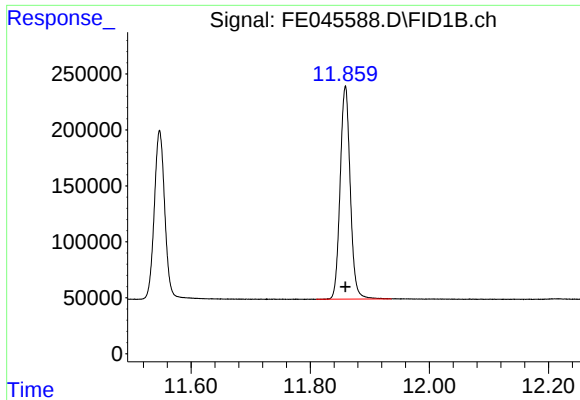
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 1764817
Conc: 10.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 1832727
Conc: 10.79 ug/ml



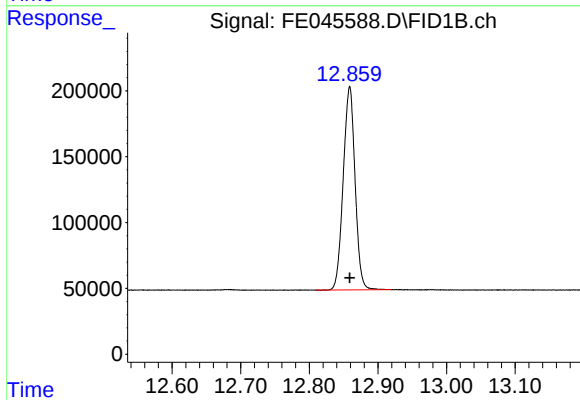
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.000 min
Response: 2237849
Conc: 10.89 ug/ml

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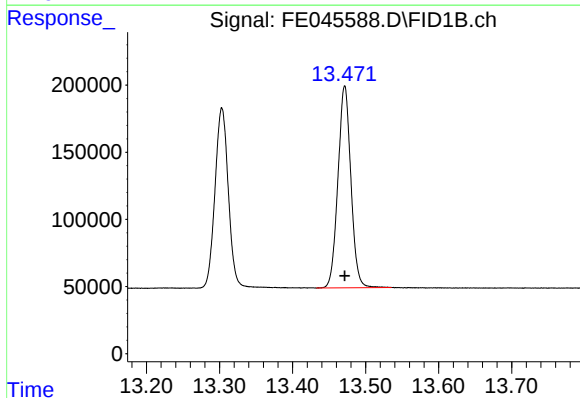
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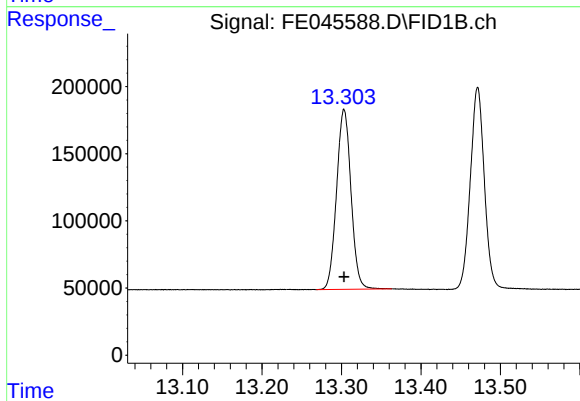
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 1851516
Conc: 10.89 ug/ml



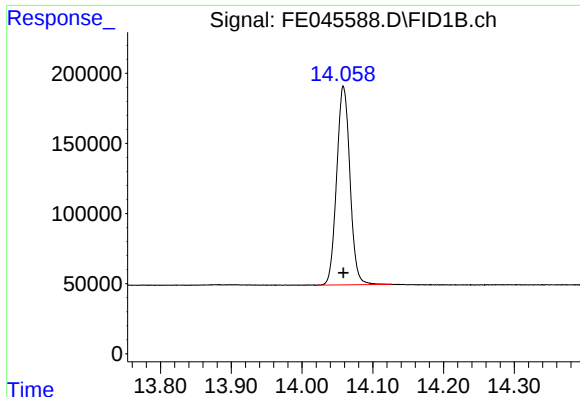
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: 0.000 min
Response: 1848141
Conc: 10.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 1690849
Conc: 10.82 ug/ml



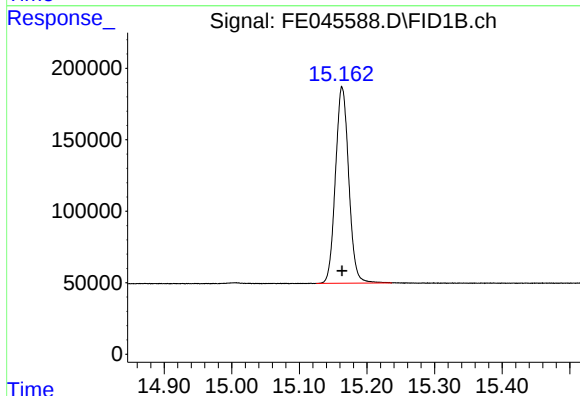
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.000 min
Response: 1852815
Conc: 10.89 ug/ml

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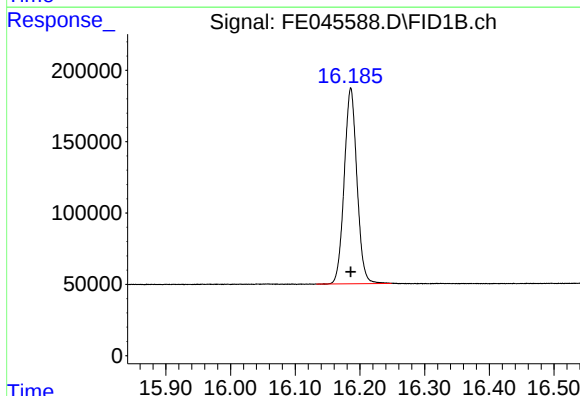
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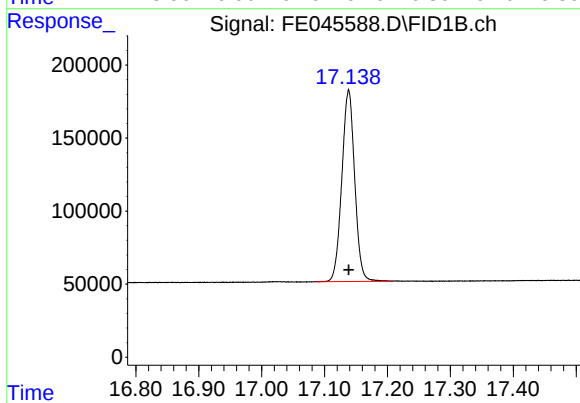
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 1876176
Conc: 10.91 ug/ml



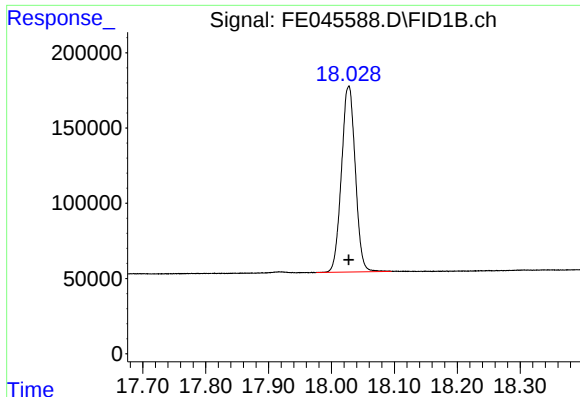
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 1873110
Conc: 10.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 1861960
Conc: 10.97 ug/ml



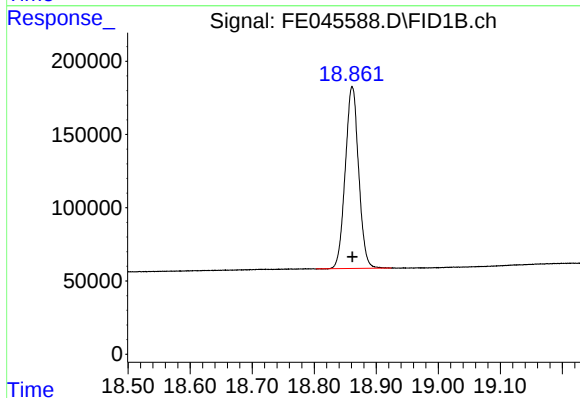
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.000 min
Response: 1886240
Conc: 11.04 ug/ml

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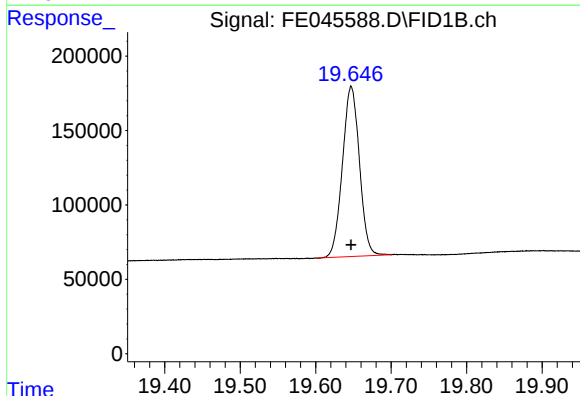
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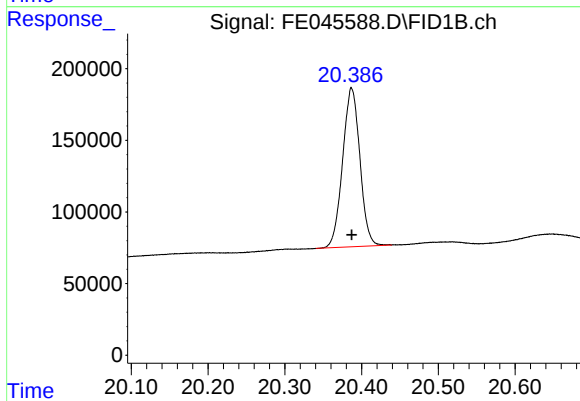
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 1862547
Conc: 11.06 ug/ml



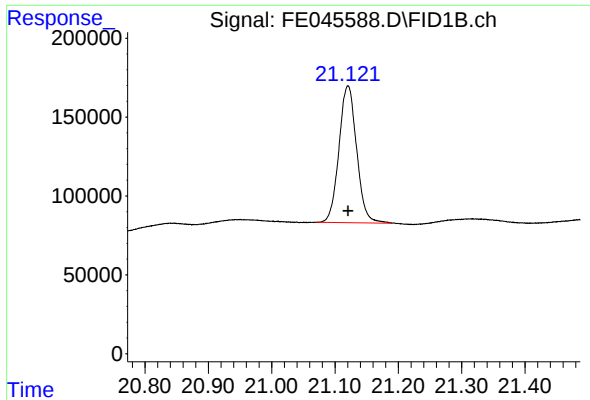
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.000 min
Response: 1788504
Conc: 11.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: 0.000 min
Response: 1733382
Conc: 11.12 ug/ml



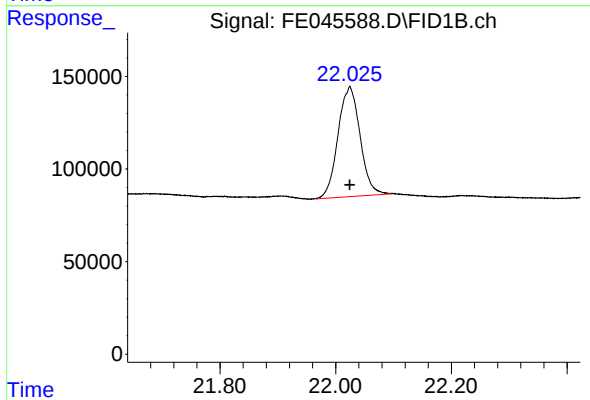
#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.000 min
Response: 1680081
Conc: 11.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.000 min
Response: 1574968
Conc: 10.75 ug/ml m