

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045250.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2023 15:55
 Operator : YP\AJ
 Sample : PB157021BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157021BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File: sample.E
 Quant Time: Nov 09 22:33:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.885	6118780	32.048 ug/ml
Spiked Amount 50.000		Recovery =	64.10%
12) S 1-chlorooctadecane (S...	13.327	4629667	33.612 ug/ml
Spiked Amount 50.000		Recovery =	67.22%
Target Compounds			
1) T n-Nonane (C9)	3.279	5925445	35.868 ug/ml
2) T n-Decane (C10)	4.526	6508530	38.815 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7091620	39.729 ug/ml
4) T n-Dodecane (C12)	6.688	6886871	40.778 ug/ml
5) T A~2-methylnaphthalene...	7.318	6886001	40.101 ug/ml
6) T n-Tetradecane (C14)	8.516	6884870	41.309 ug/ml
7) T n-Hexadecane (C16)	10.125	6835042	40.636 ug/ml
8) T n-Octadecane (C18)	11.572	6788271	40.558 ug/ml
10) T n-Eicosane (C20)	12.884	6690431	42.235 ug/ml
11) T n-Heneicosane (C21)	13.497	6359653	41.362 ug/ml
13) T n-Docosane (C22)	14.084	6284242	41.476 ug/ml
14) T n-Tetracosane (C24)	15.167	12635837	85.314 ug/mlm
15) T n-Hexacosane (C26)	16.214	6134723	42.089 ug/ml
16) T n-Octacosane (C28)	17.165	6322395	43.266 ug/ml
17) T n-Tricontane (C30)	18.055	6335088	41.706 ug/ml
18) T n-Dotriacontane (C32)	18.888	6580471	42.123 ug/ml
19) T n-Tetratriacontane (C34)	19.675	6468630	41.429 ug/ml
20) T n-Hexatriacontane (C36)	20.417	6436697	39.655 ug/ml
21) T n-Octatriacontane (C38)	21.156	6404296	38.547 ug/ml
22) T n-Tetracontane (C40)	22.069	6175928	36.157 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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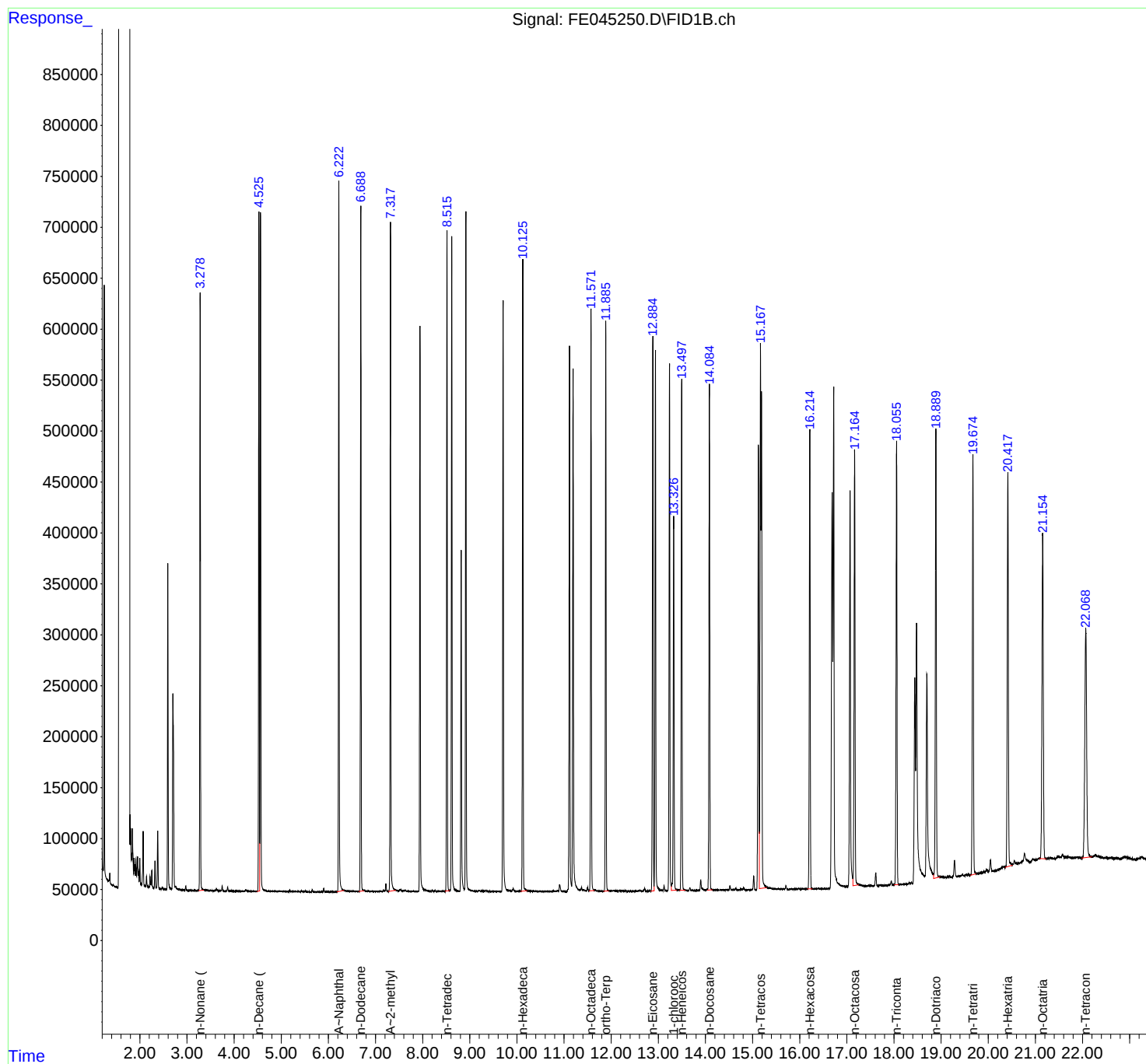
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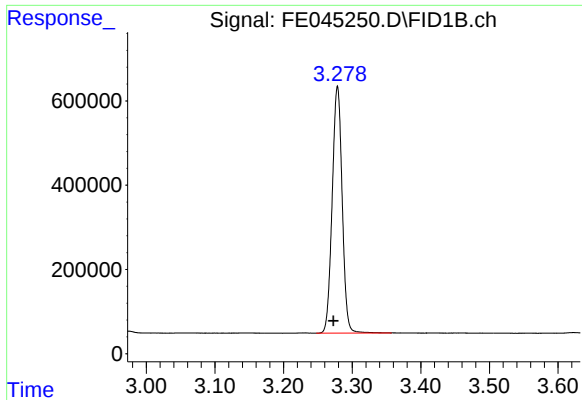
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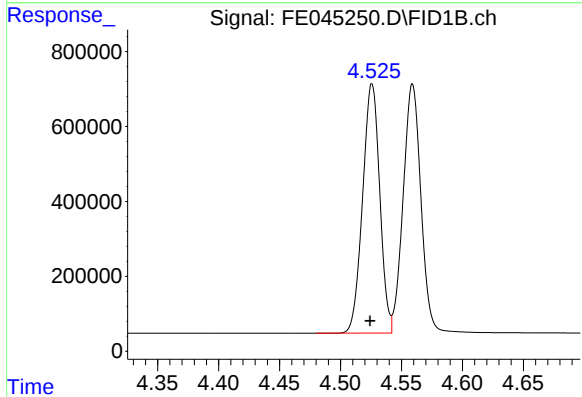
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.006 min
Response: 5925445
Conc: 35.87 ug/ml

Instrument :
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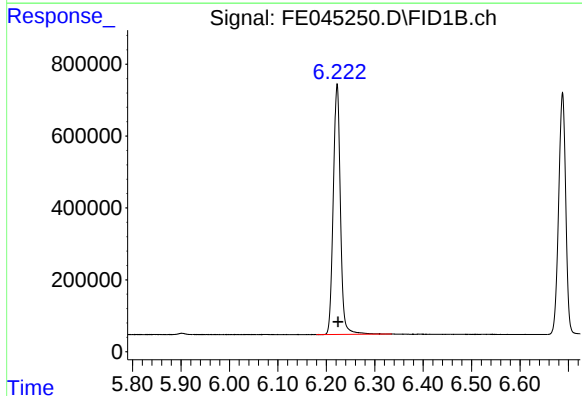
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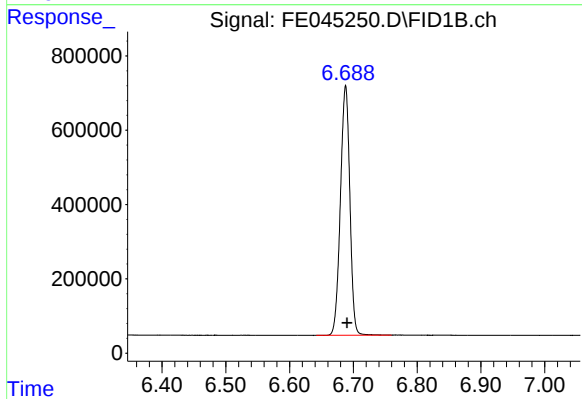
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 6508530
Conc: 38.82 ug/ml



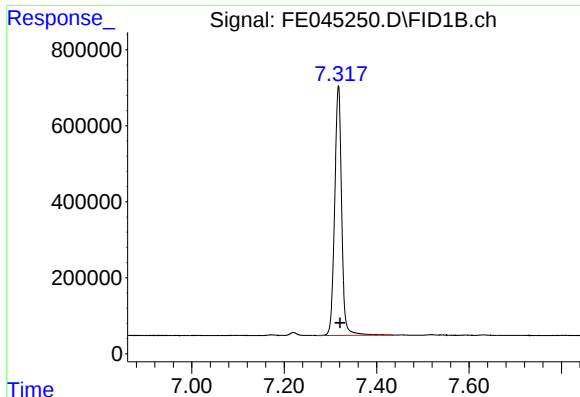
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 7091620
Conc: 39.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 6886871
Conc: 40.78 ug/ml



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

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 6886001
Conc: 40.10 ug/ml

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FID_E

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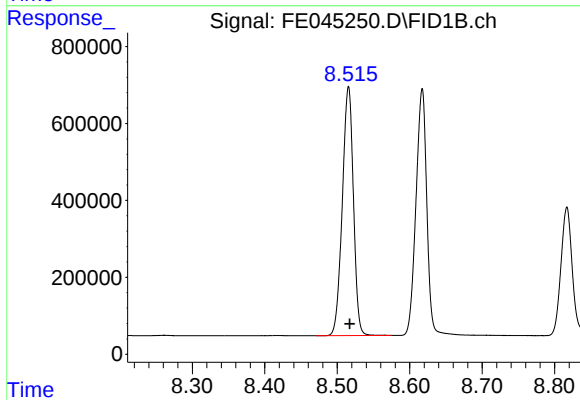
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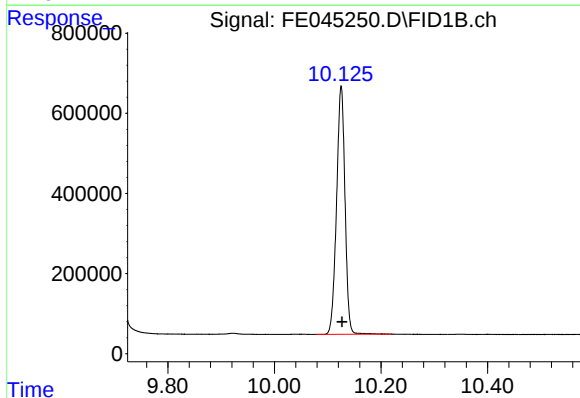
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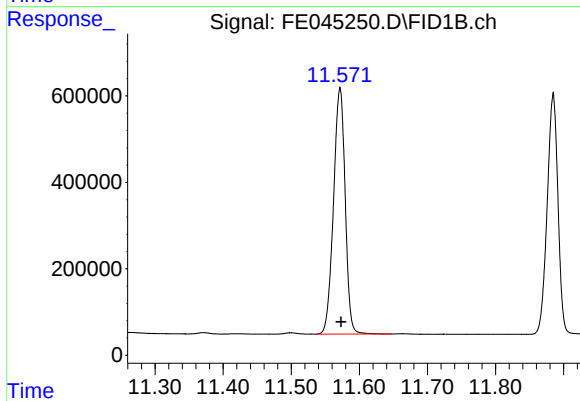
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 6884870
Conc: 41.31 ug/ml



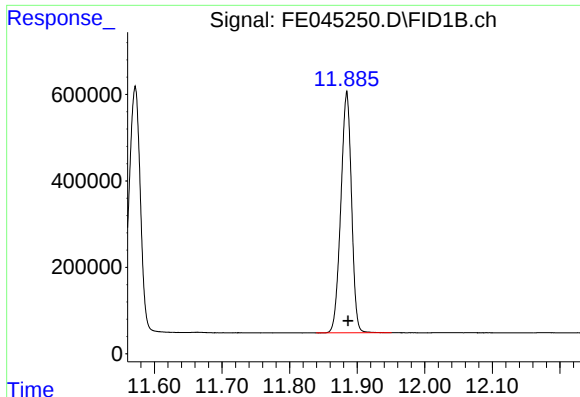
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 6835042
Conc: 40.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 6788271
Conc: 40.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.002 min
Response: 6118780
Conc: 32.05 ug/ml

Instrument :

FID_E

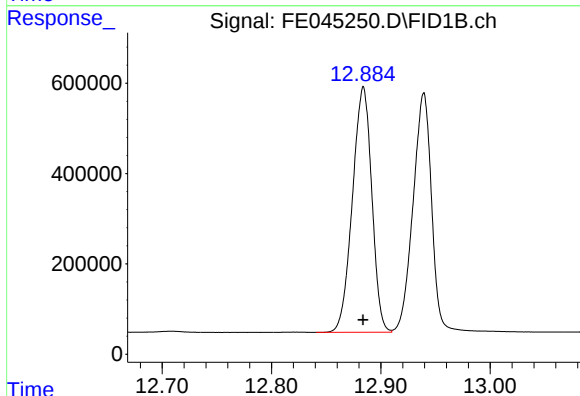
ClientSampleId :

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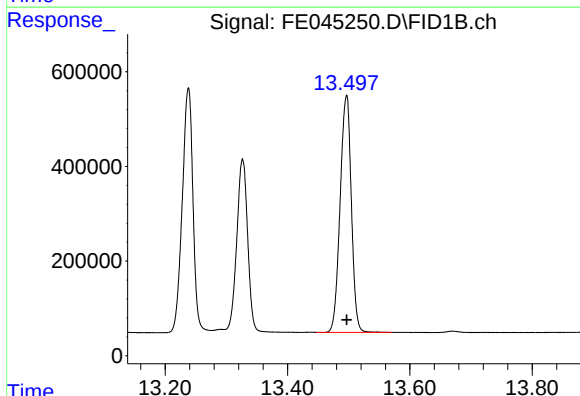
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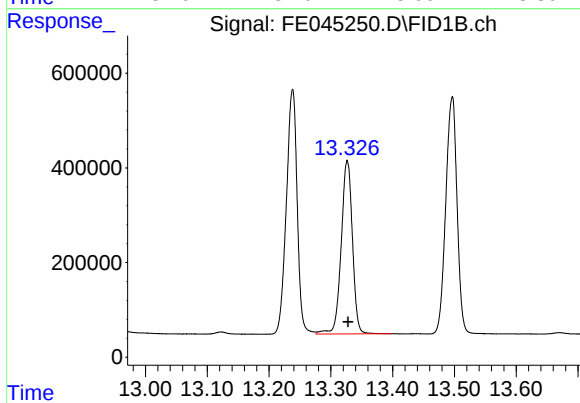
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 6690431
Conc: 42.24 ug/ml



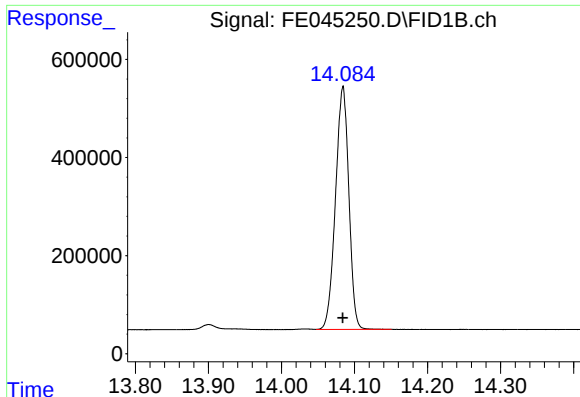
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 6359653
Conc: 41.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.001 min
Response: 4629667
Conc: 33.61 ug/ml



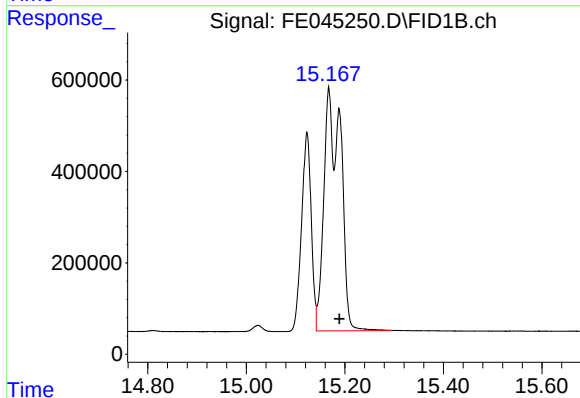
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: 0.000 min
Response: 6284242
Conc: 41.48 ug/ml

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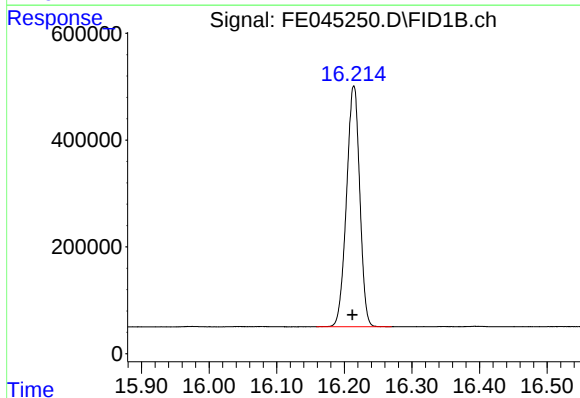
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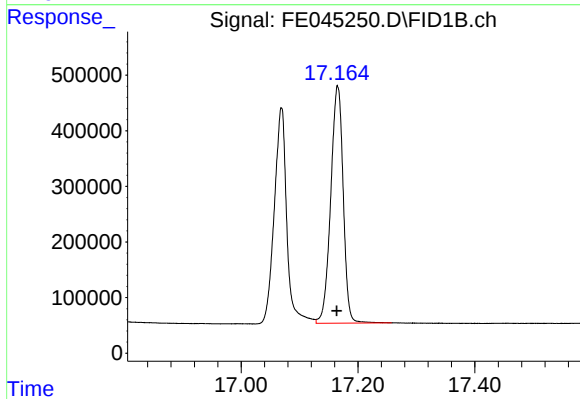
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.022 min
Response: 12635837
Conc: 85.31 ug/ml m



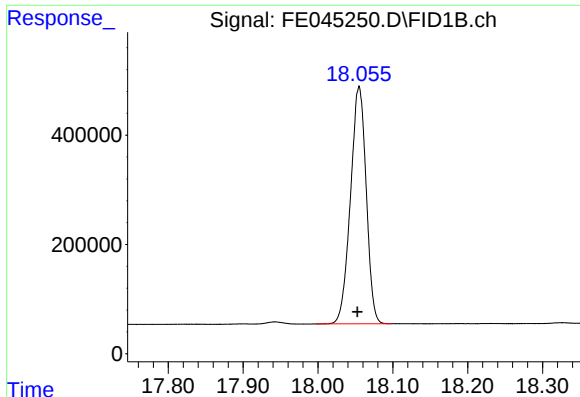
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 6134723
Conc: 42.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.002 min
Response: 6322395
Conc: 43.27 ug/ml



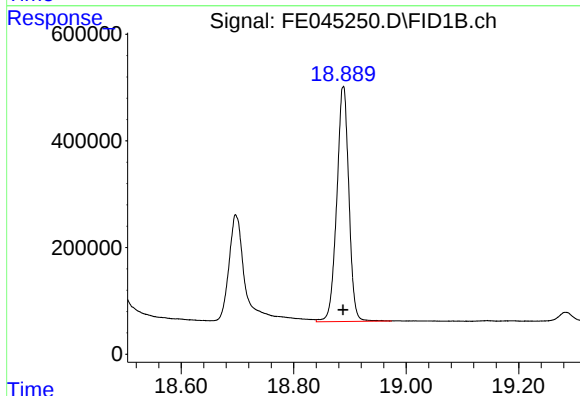
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: 0.002 min
Response: 6335088
Conc: 41.71 ug/ml

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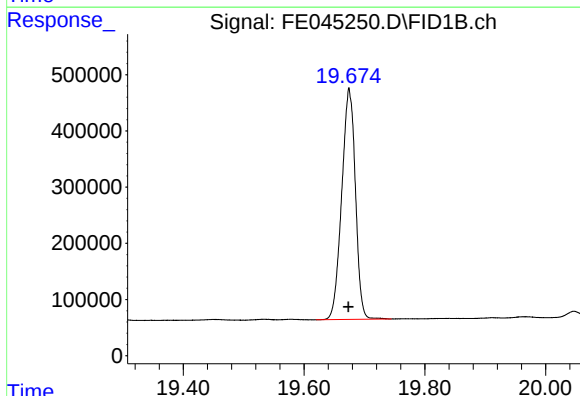
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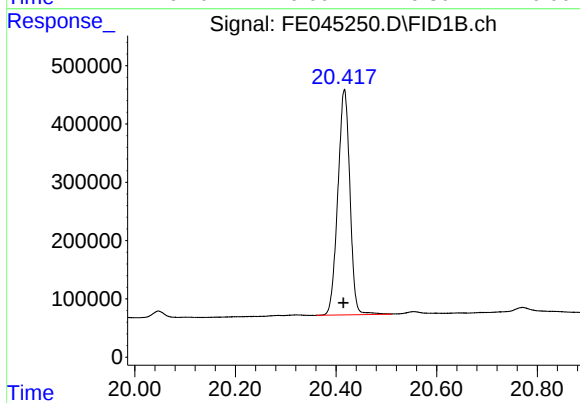
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 6580471
Conc: 42.12 ug/ml



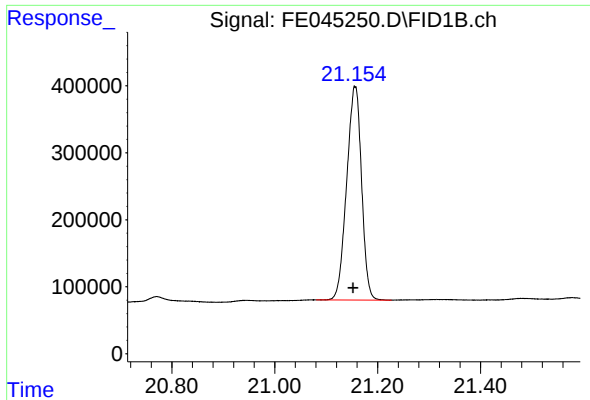
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.001 min
Response: 6468630
Conc: 41.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: 0.002 min
Response: 6436697
Conc: 39.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: 0.004 min
Response: 6404296
Conc: 38.55 ug/ml

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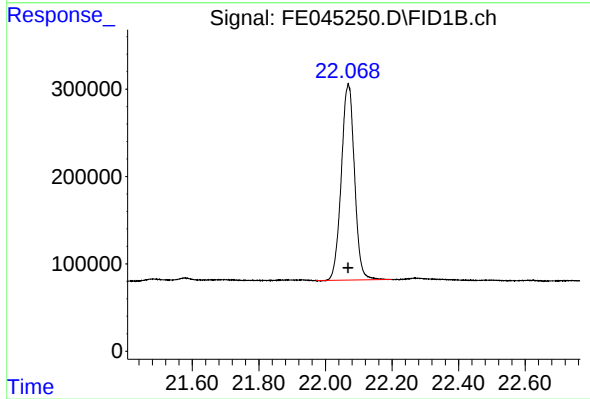
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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.001 min
Response: 6175928
Conc: 36.16 ug/ml