

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
 Data File : FE056308.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2025 17:02
 Operator : YP\AJ
 Sample : Q3322-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-100925MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File: sample.E
 Quant Time: Oct 14 03:50:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 2025
 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)	12.067	6327470	33.719 ug/ml
Spiked Amount 50.000		Recovery =	67.44%
12) S 1-chlorooctadecane (S...	13.503	5945612	42.601 ug/ml
Spiked Amount 50.000		Recovery =	85.20%
Target Compounds			
1) T n-Nonane (C9)	3.401	2233019	16.300 ug/ml
2) T n-Decane (C10)	4.664	2769726	19.846 ug/ml
3) T A~Naphthalene (C11.7)	6.385	10607722	66.438 ug/ml
4) T n-Dodecane (C12)	6.839	3573444	24.897 ug/ml
5) T A~2-methylnaphthalene...	7.488	12042843	77.437 ug/ml
6) T n-Tetradecane (C14)	8.678	4446304	30.074 ug/ml
7) T n-Hexadecane (C16)	10.290	5266636	33.143 ug/ml
8) T n-Octadecane (C18)	11.740	5731760	33.839 ug/ml
10) T n-Eicosane (C20)	13.056	6249573	37.701 ug/ml
11) T n-Heneicosane (C21)	13.670	5893204	36.268 ug/mlm
13) T n-Docosane (C22)	14.257	6057170	37.907 ug/ml
14) T n-Tetracosane (C24)	15.376	19217726	126.116 ug/ml
15) T n-Hexacosane (C26)	16.392	5200241	36.459 ug/ml
16) T n-Octacosane (C28)	17.342	4766393	34.215 ug/ml
17) T n-Tricontane (C30)	18.234	4860951	32.804 ug/mlm
18) T n-Dotriacontane (C32)	19.065	4836634	32.417 ug/ml
19) T n-Tetratriacontane (C34)	19.850	4817678	34.059 ug/ml
20) T n-Hexatriacontane (C36)	20.592	4905930	38.217 ug/ml
21) T n-Octatriacontane (C38)	21.367	5326258	40.552 ug/ml
22) T n-Tetracontane (C40)	22.348	4795067	40.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

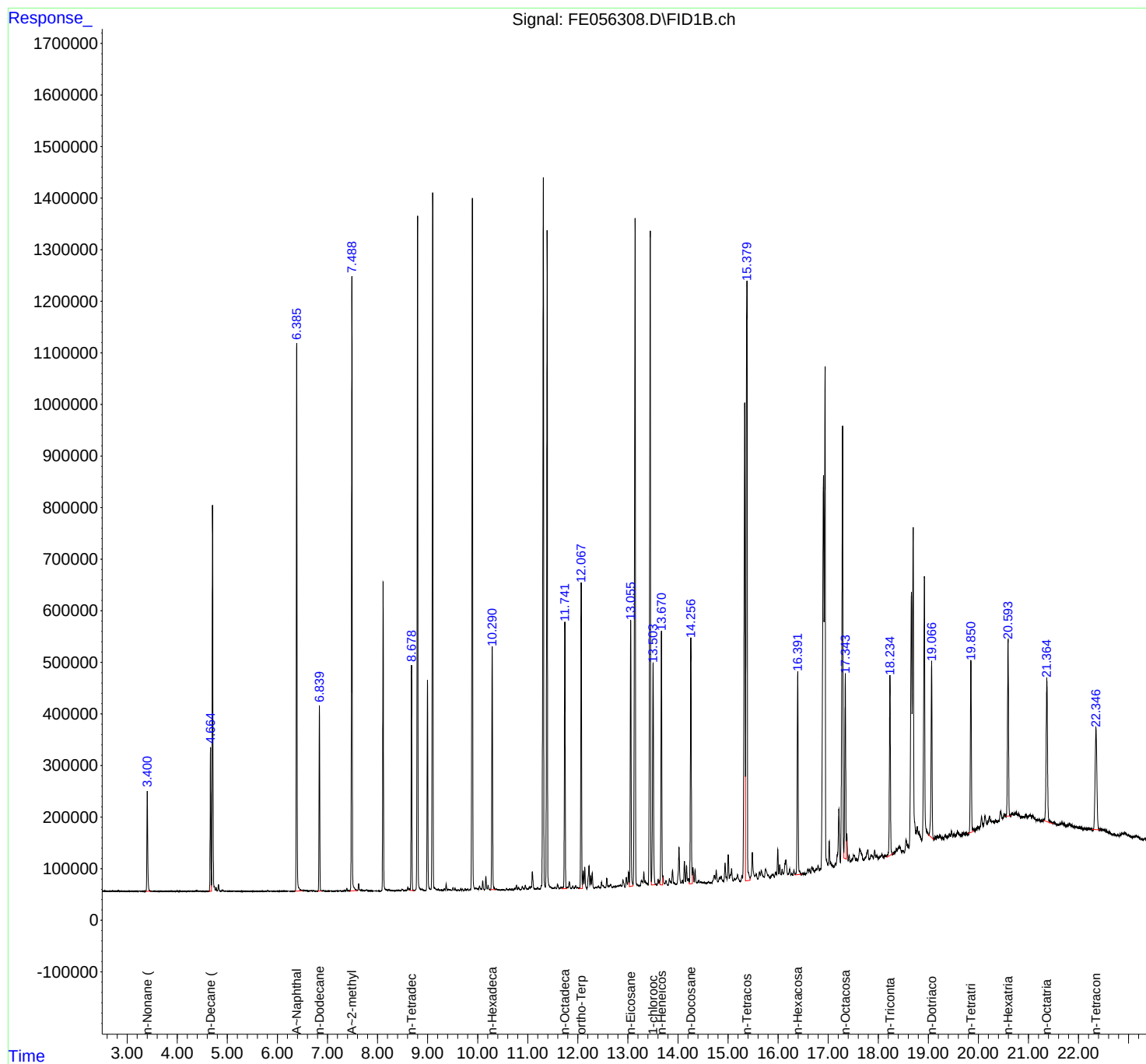
Instrument :
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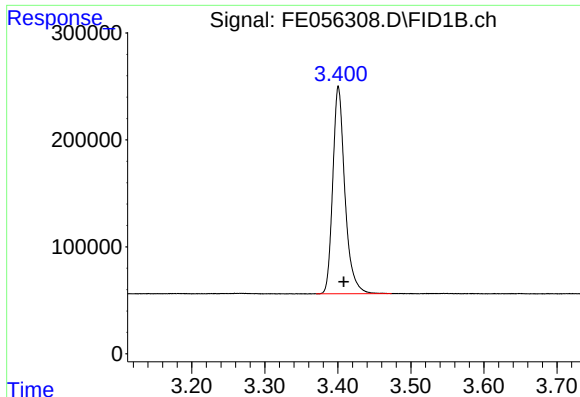
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#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.007 min
Response: 2233019
Conc: 16.30 ug/ml

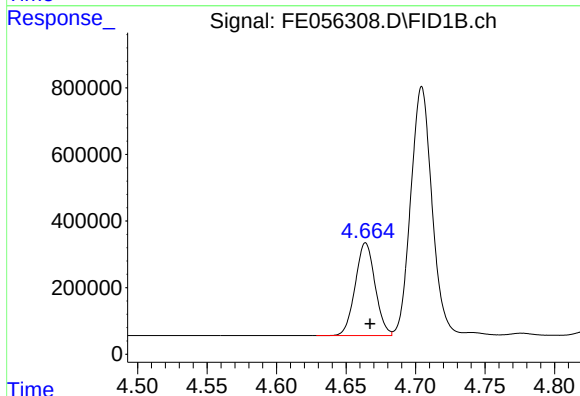
Instrument :

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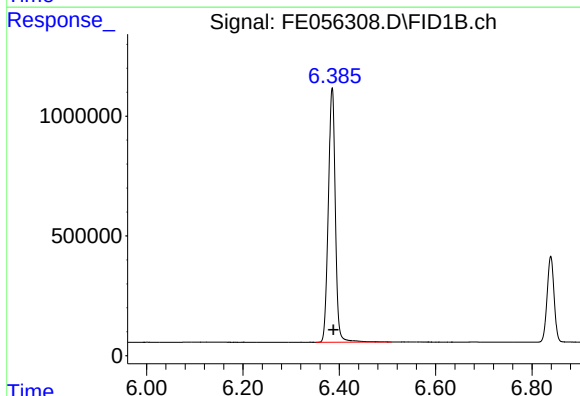
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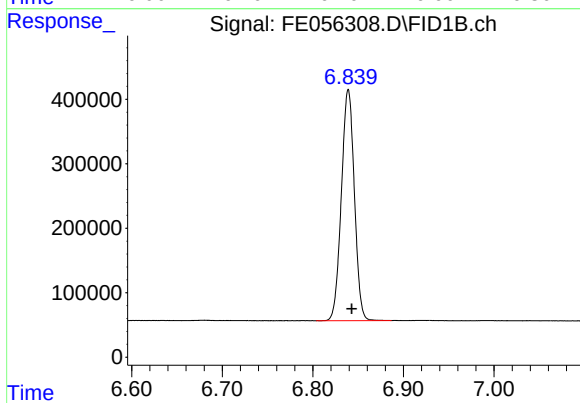
#2 n-Decane (C10)

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 2769726
Conc: 19.85 ug/ml



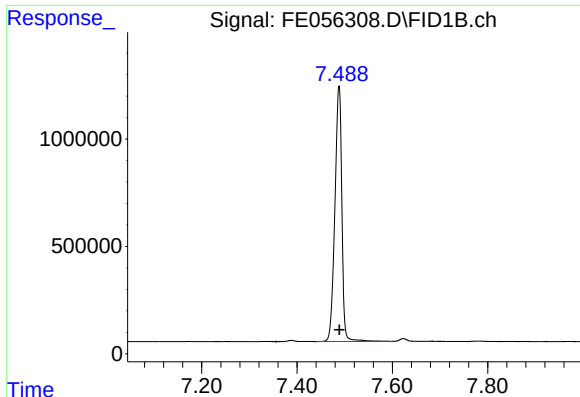
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 10607722
Conc: 66.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 3573444
Conc: 24.90 ug/ml



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

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 12042843
Conc: 77.44 ug/ml

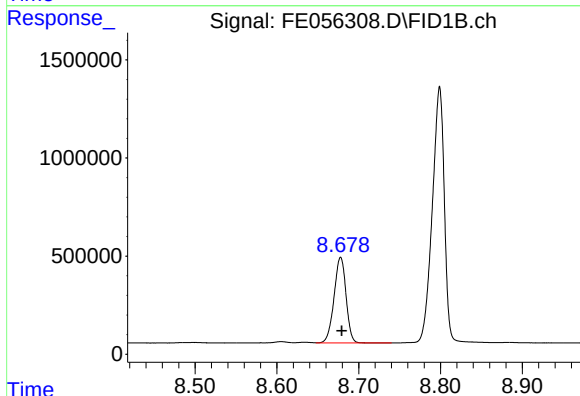
Instrument :

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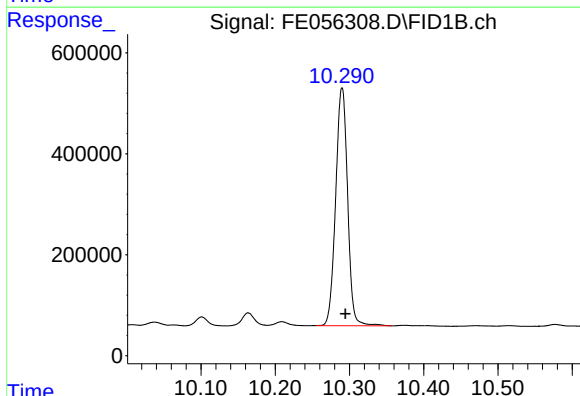
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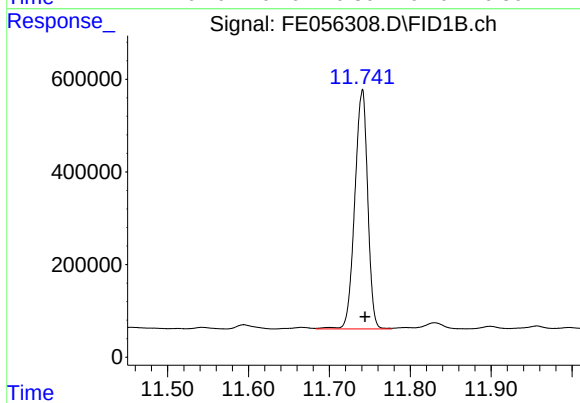
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 4446304
Conc: 30.07 ug/ml



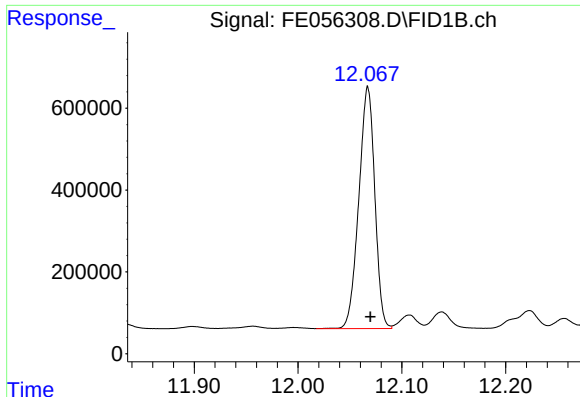
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.004 min
Response: 5266636
Conc: 33.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 5731760
Conc: 33.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.067 min
Delta R.T.: -0.003 min
Response: 6327470
Conc: 33.72 ug/ml

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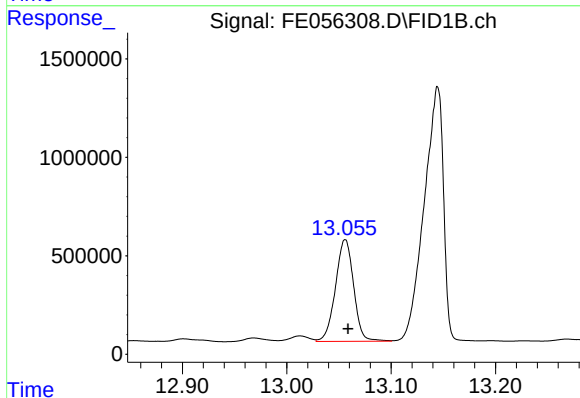
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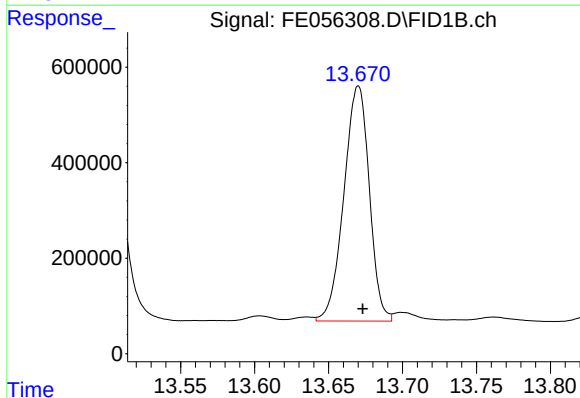
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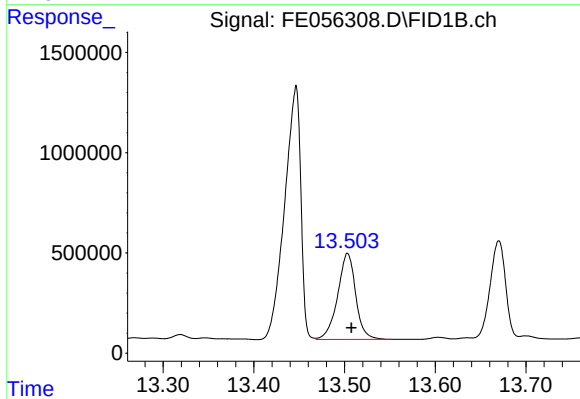
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 6249573
Conc: 37.70 ug/ml



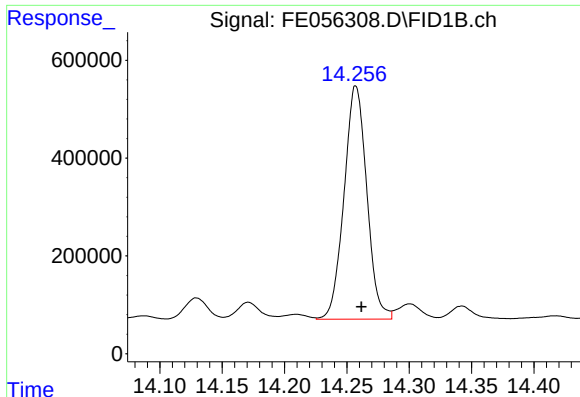
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 5893204
Conc: 36.27 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.503 min
Delta R.T.: -0.004 min
Response: 5945612
Conc: 42.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 6057170
Conc: 37.91 ug/ml

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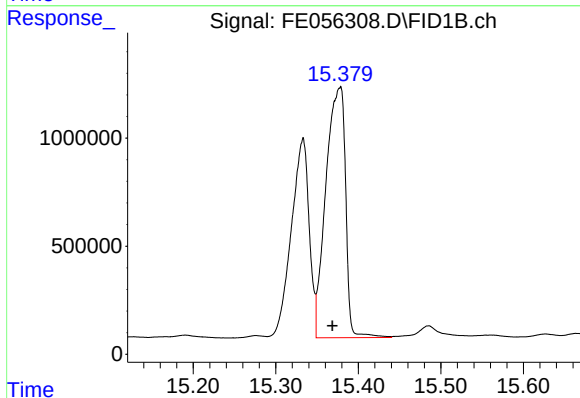
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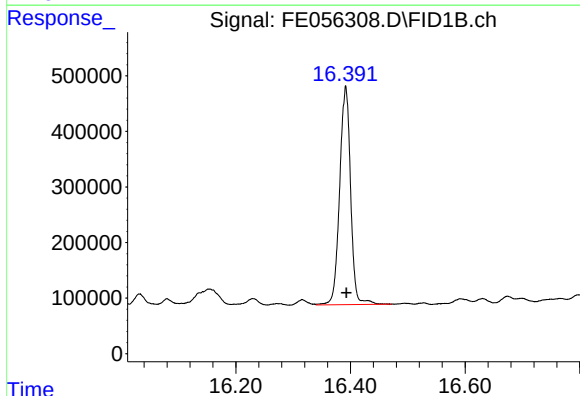
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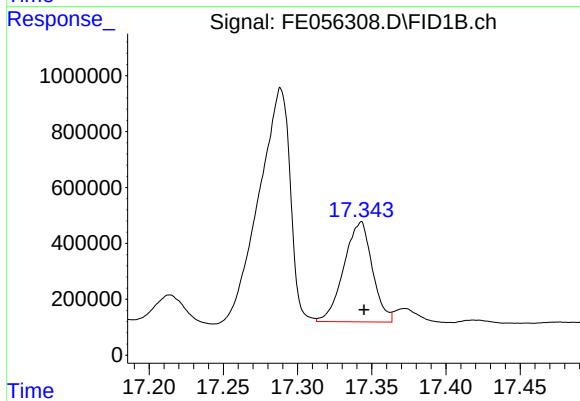
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: 0.008 min
Response: 19217726
Conc: 126.12 ug/ml



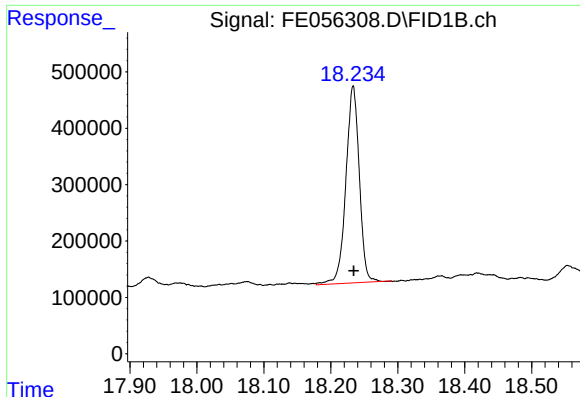
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: -0.001 min
Response: 5200241
Conc: 36.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 4766393
Conc: 34.22 ug/ml



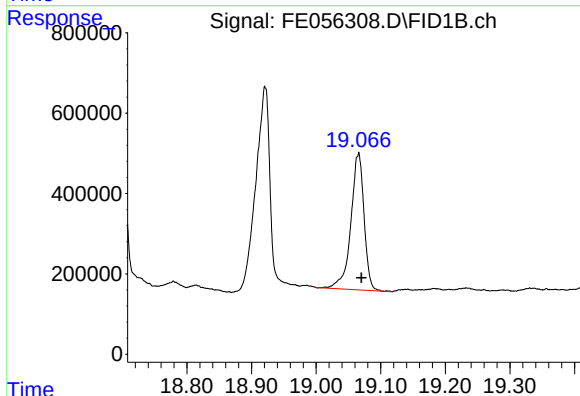
#17 n-Tricontane (C30)

R.T.: 18.234 min
Delta R.T.: -0.001 min
Response: 4860951
Conc: 32.80 ug/ml

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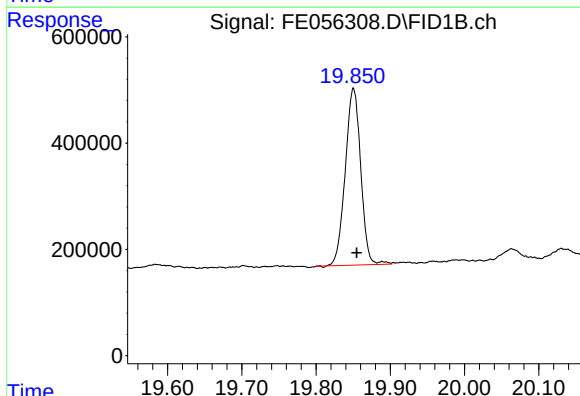
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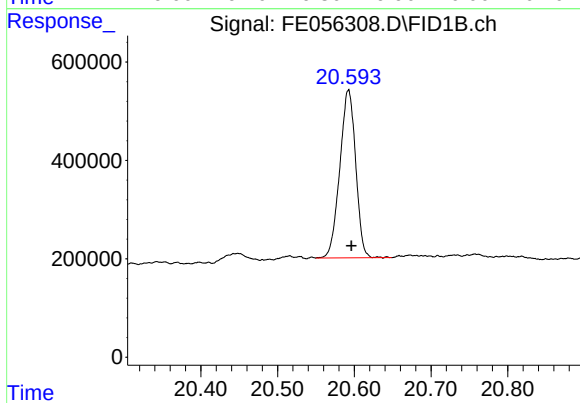
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 4836634
Conc: 32.42 ug/ml



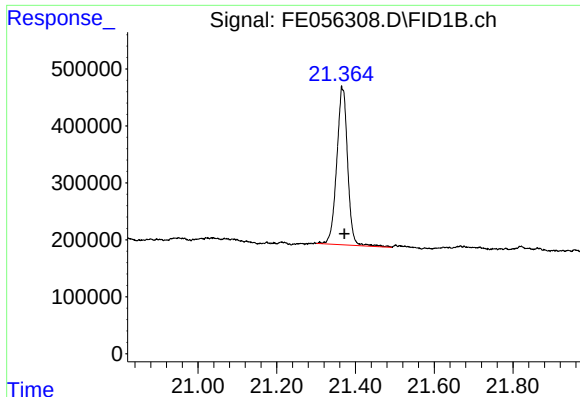
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.004 min
Response: 4817678
Conc: 34.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 4905930
Conc: 38.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.005 min
Response: 5326258
Conc: 40.55 ug/ml

Instrument :

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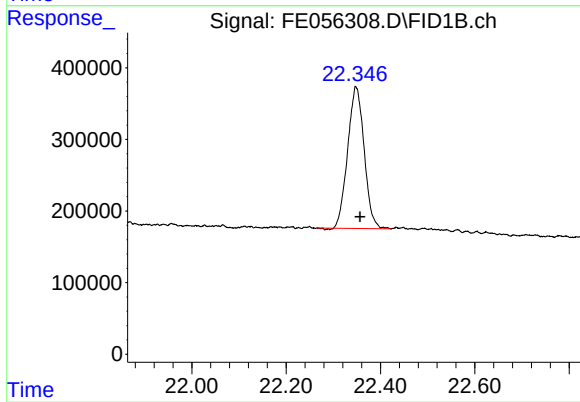
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#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: -0.008 min
Response: 4795067
Conc: 40.31 ug/ml