

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035580.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 19:52
 Operator : YP\AJ
 Sample : N2171-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PSE-02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:44:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.327	4002432	37.573 ug/ml
Spiked Amount 50.000		Recovery =	75.15%
12) S 1-chlorooctadecane (S...	12.761	3262180	40.330 ug/ml
Spiked Amount 50.000		Recovery =	80.66%
Target Compounds			
1) T n-Nonane (C9)	3.153	2781686	29.221 ug/ml
2) T n-Decane (C10)	4.204	3145864	33.836 ug/ml
3) T A~Naphthalene (C11.7)	5.771	3732453	39.297 ug/ml
4) T n-Dodecane (C12)	6.207	3661849	38.968 ug/ml
5) T A~2-methylnaphthalene...	6.821	3874601	40.474 ug/ml
6) T n-Tetradecane (C14)	7.994	4015970	43.430 ug/ml
7) T n-Hexadecane (C16)	9.585	4285037	45.949 ug/ml
8) T n-Octadecane (C18)	11.019	4594649	48.595 ug/ml
10) T n-Eicosane (C20)	12.322	4541416	47.659 ug/ml
11) T n-Heneicosane (C21)	12.930	4538536	47.160 ug/ml
13) T n-Docosane (C22)	13.514	4551815	47.414 ug/ml
14) T n-Tetracosane (C24)	14.610	5626488	59.378 ug/mlm
15) T n-Hexacosane (C26)	15.627	4426312	47.464 ug/ml
16) T n-Octacosane (C28)	16.570	4434534	49.734 ug/ml
17) T n-Tricontane (C30)	17.453	4081808	47.441 ug/ml
18) T n-Dotriacontane (C32)	18.278	4065533	48.933 ug/ml
19) T n-Tetratriacontane (C34)	19.058	3928718	52.955 ug/ml
20) T n-Hexatriacontane (C36)	19.794	4001830	56.169 ug/ml
21) T n-Octatriacontane (C38)	20.495	3833306	57.671 ug/ml
22) T n-Tetracontane (C40)	21.292	3819218	54.326 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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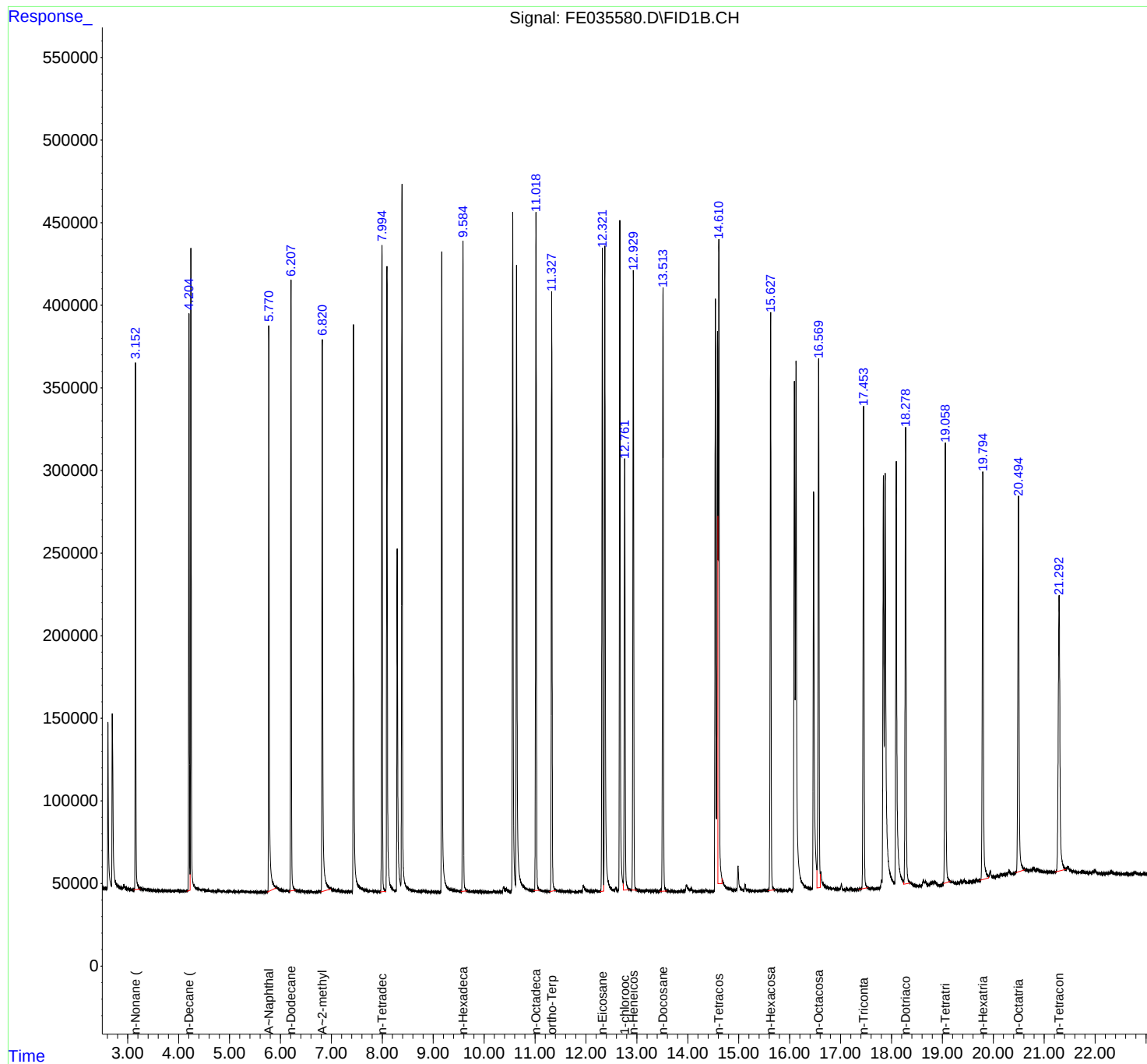
Response via : Initial Calibration

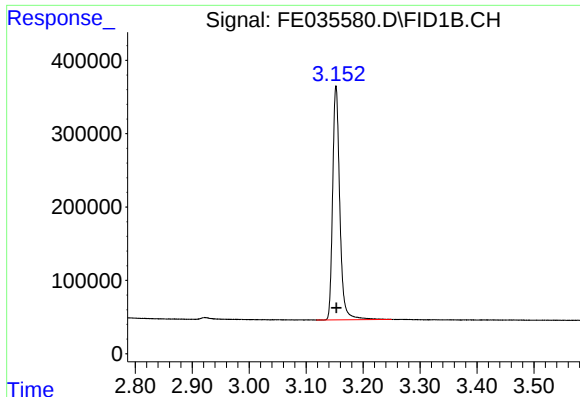
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 2781686
Conc: 29.22 ug/ml

Instrument :

FID_E

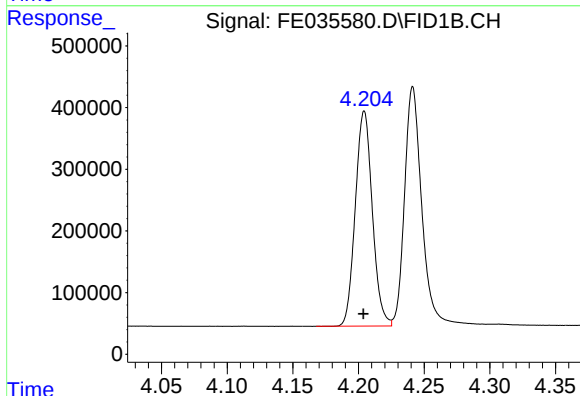
ClientSampleId :

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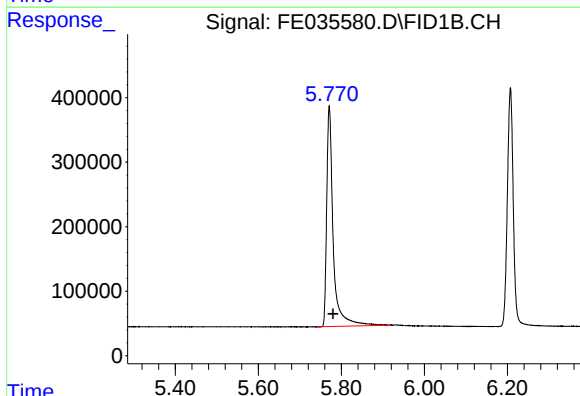
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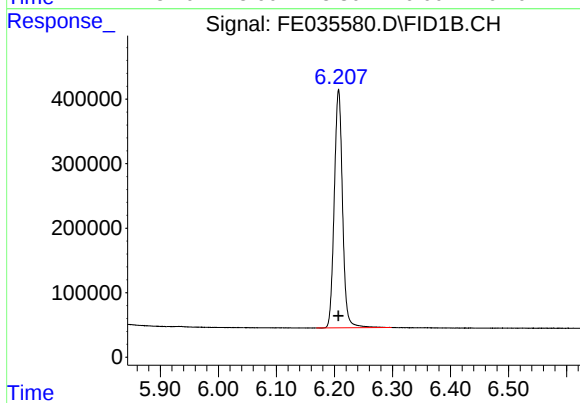
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3145864
Conc: 33.84 ug/ml



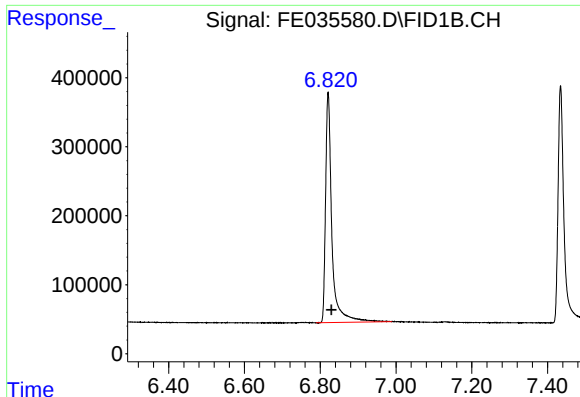
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 3732453
Conc: 39.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 3661849
Conc: 38.97 ug/ml



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

R.T.: 6.821 min
Delta R.T.: -0.009 min
Response: 3874601
Conc: 40.47 ug/ml

Instrument :

FID_E

ClientSampleId :

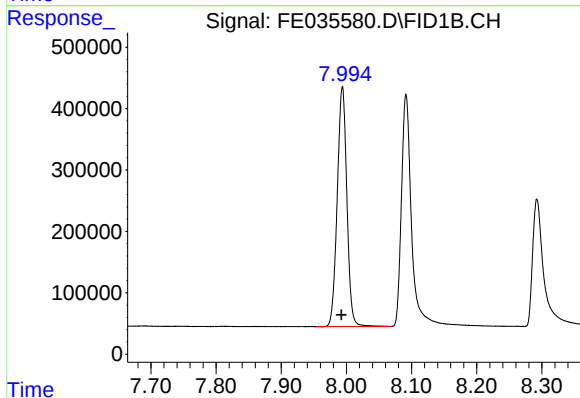
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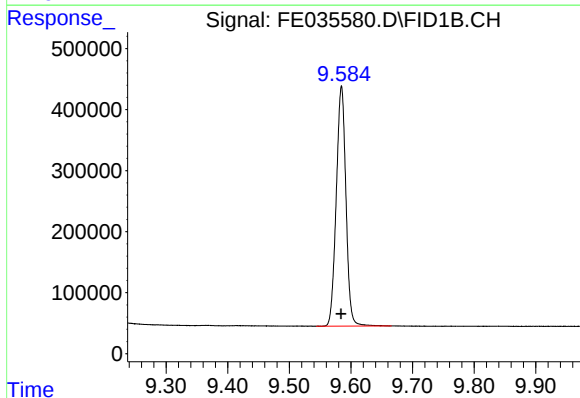
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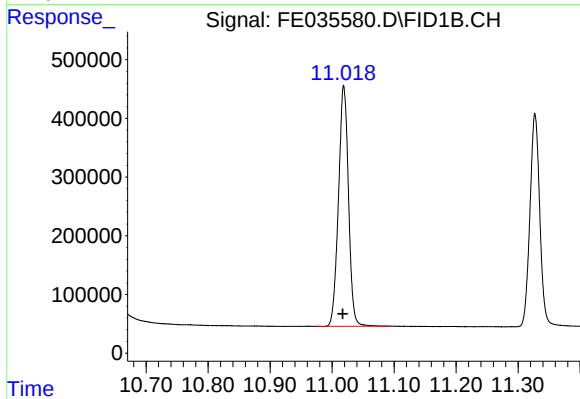
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: 0.001 min
Response: 4015970
Conc: 43.43 ug/ml



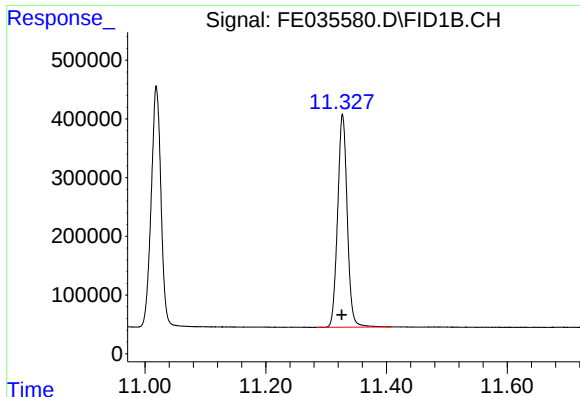
#7 n-Hexadecane (C16)

R.T.: 9.585 min
Delta R.T.: 0.000 min
Response: 4285037
Conc: 45.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.019 min
Delta R.T.: 0.001 min
Response: 4594649
Conc: 48.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.327 min
Delta R.T.: 0.001 min
Response: 4002432
Conc: 37.57 ug/ml

Instrument :

FID_E

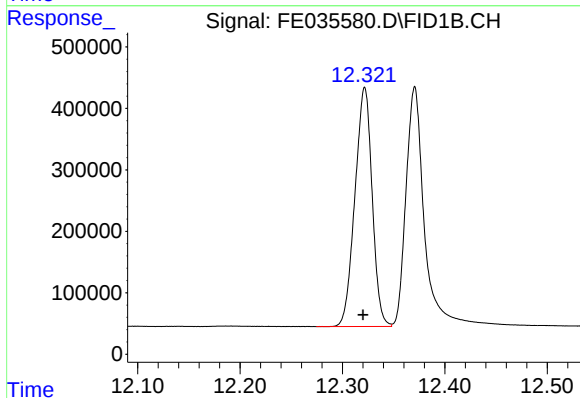
ClientSampleId :

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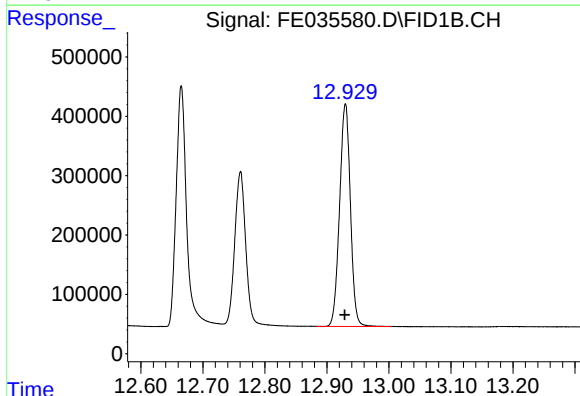
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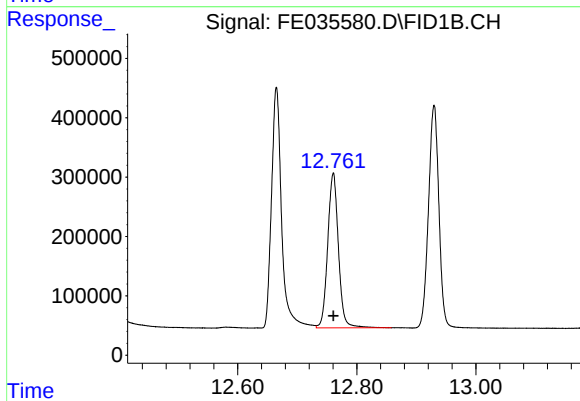
#10 n-Eicosane (C20)

R.T.: 12.322 min
Delta R.T.: 0.002 min
Response: 4541416
Conc: 47.66 ug/ml



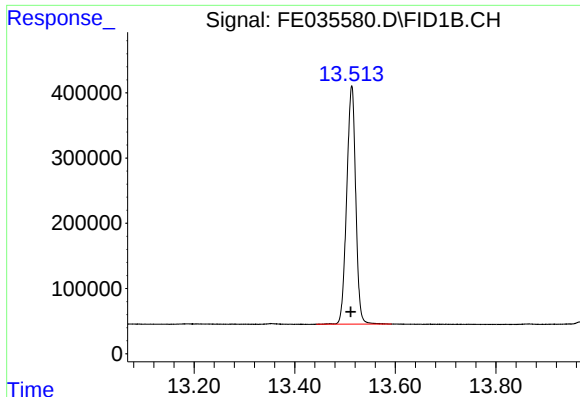
#11 n-Heneicosane (C21)

R.T.: 12.930 min
Delta R.T.: 0.001 min
Response: 4538536
Conc: 47.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 3262180
Conc: 40.33 ug/ml



#13 n-Docosane (C22)

R.T.: 13.514 min
Delta R.T.: 0.002 min
Response: 4551815
Conc: 47.41 ug/ml

Instrument :

FID_E

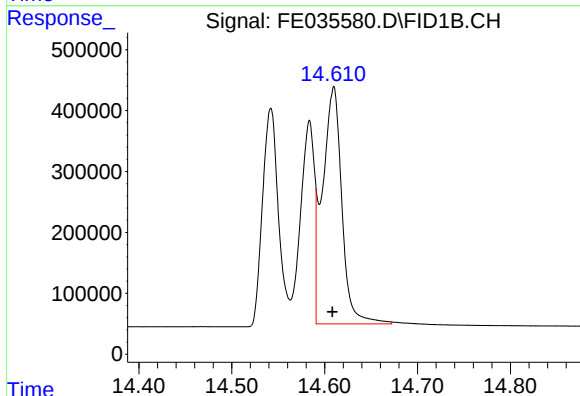
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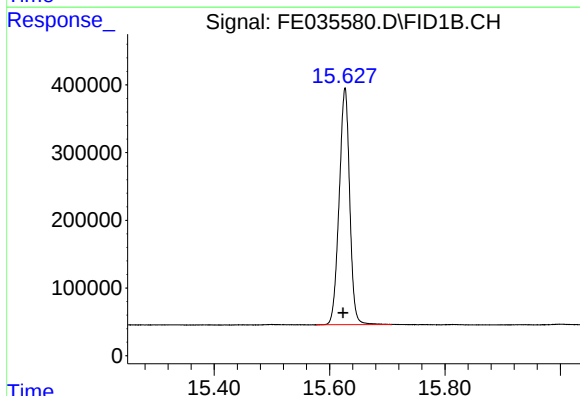
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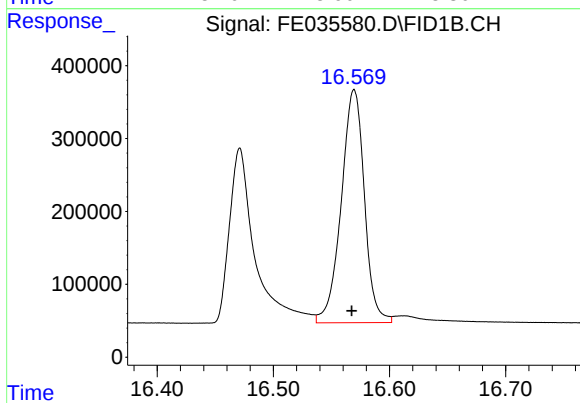
#14 n-Tetracosane (C24)

R.T.: 14.610 min
Delta R.T.: 0.001 min
Response: 5626488
Conc: 59.38 ug/ml m



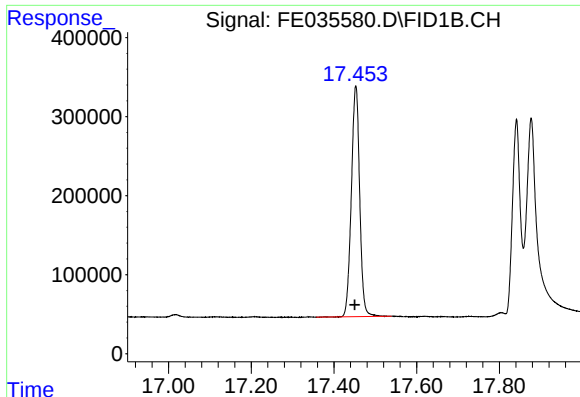
#15 n-Hexacosane (C26)

R.T.: 15.627 min
Delta R.T.: 0.003 min
Response: 4426312
Conc: 47.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.570 min
Delta R.T.: 0.002 min
Response: 4434534
Conc: 49.73 ug/ml



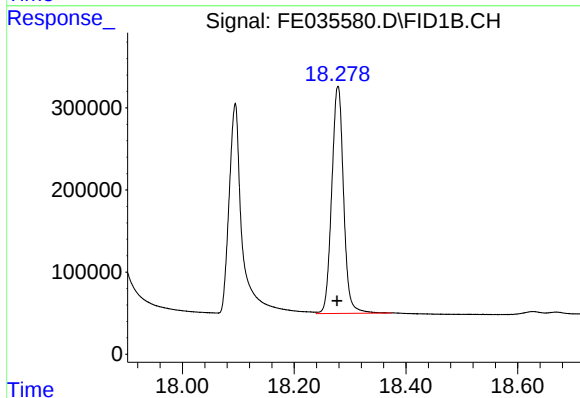
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.003 min
Response: 4081808
Conc: 47.44 ug/ml

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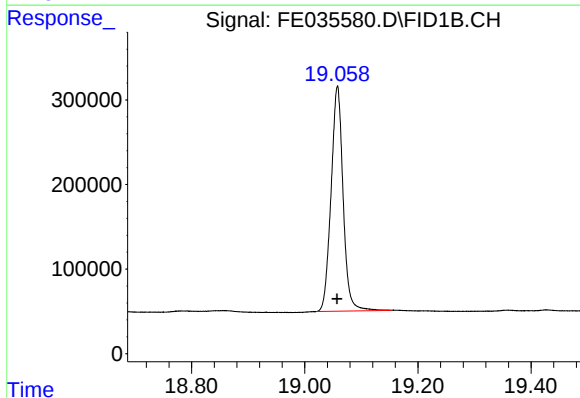
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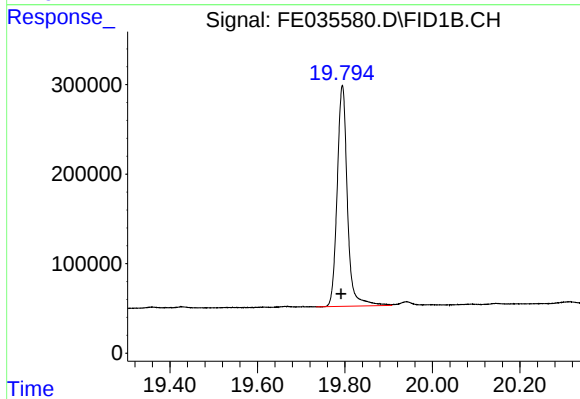
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.001 min
Response: 4065533
Conc: 48.93 ug/ml



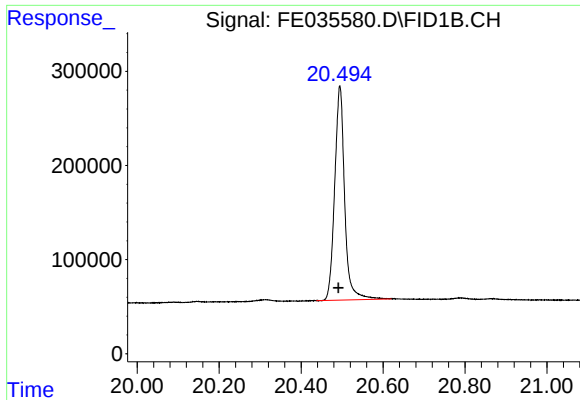
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min
Delta R.T.: 0.000 min
Response: 3928718
Conc: 52.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.794 min
Delta R.T.: 0.003 min
Response: 4001830
Conc: 56.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: 0.004 min
Response: 3833306
Conc: 57.67 ug/ml

Instrument :

FID_E

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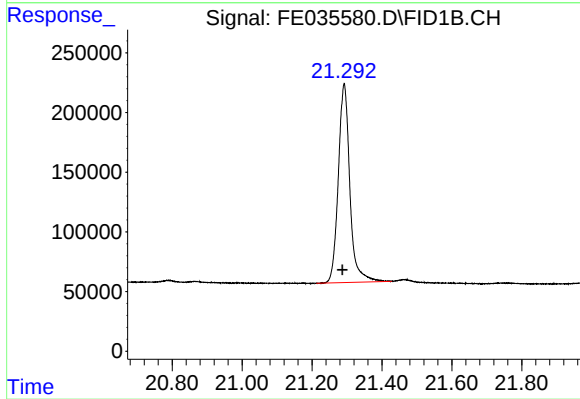
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#22 n-Tetracontane (C40)

R.T.: 21.292 min
Delta R.T.: 0.005 min
Response: 3819218
Conc: 54.33 ug/ml