

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035579.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 19:20
 Operator : YP\AJ
 Sample : N2171-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PSE-02MS

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 02:44:17 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)	11.328	3994096	37.495 ug/ml
Spiked Amount 50.000		Recovery =	74.99%
12) S 1-chlorooctadecane (S...	12.762	3243548	40.099 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
Target Compounds			
1) T n-Nonane (C9)	3.153	2831565	29.745 ug/ml
2) T n-Decane (C10)	4.205	3195178	34.367 ug/ml
3) T A~Naphthalene (C11.7)	5.771	3773751	39.732 ug/ml
4) T n-Dodecane (C12)	6.208	3712483	39.506 ug/ml
5) T A~2-methylnaphthalene...	6.821	3887804	40.612 ug/ml
6) T n-Tetradecane (C14)	7.995	4046703	43.762 ug/ml
7) T n-Hexadecane (C16)	9.586	4296528	46.073 ug/ml
8) T n-Octadecane (C18)	11.020	4592294	48.570 ug/ml
10) T n-Eicosane (C20)	12.322	4526997	47.507 ug/ml
11) T n-Heneicosane (C21)	12.930	4522453	46.993 ug/ml
13) T n-Docosane (C22)	13.513	4534968	47.238 ug/ml
14) T n-Tetracosane (C24)	14.608	5231834	55.213 ug/mlm
15) T n-Hexacosane (C26)	15.626	4410310	47.292 ug/ml
16) T n-Octacosane (C28)	16.569	4432737	49.713 ug/ml
17) T n-Tricontane (C30)	17.453	4084109	47.468 ug/ml
18) T n-Dotriacontane (C32)	18.280	4051038	48.758 ug/ml
19) T n-Tetratriacontane (C34)	19.059	3935854	53.051 ug/ml
20) T n-Hexatriacontane (C36)	19.795	3993324	56.050 ug/ml
21) T n-Octatriacontane (C38)	20.493	3829809	57.619 ug/ml
22) T n-Tetracontane (C40)	21.291	3803413	54.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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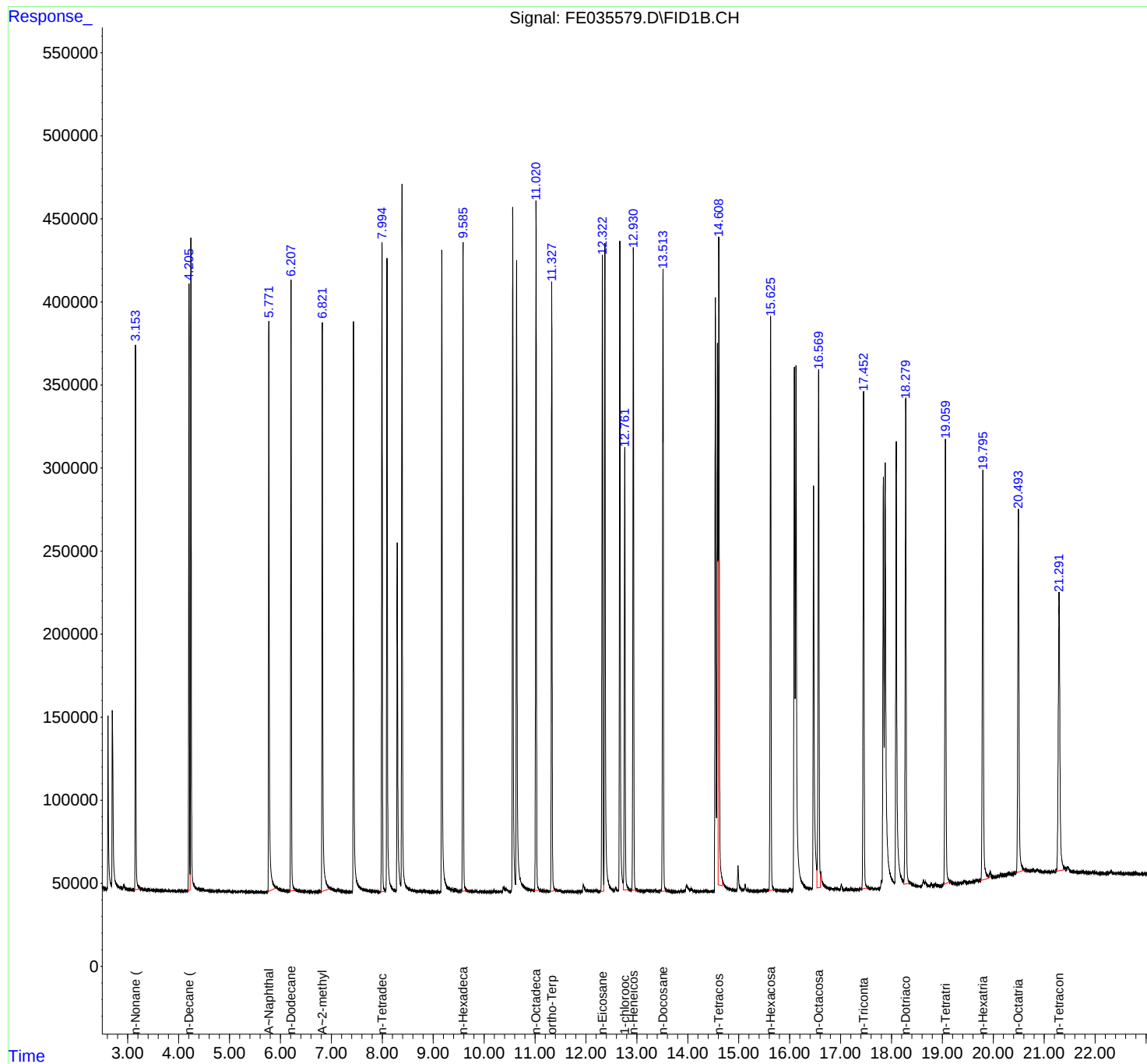
Instrument :
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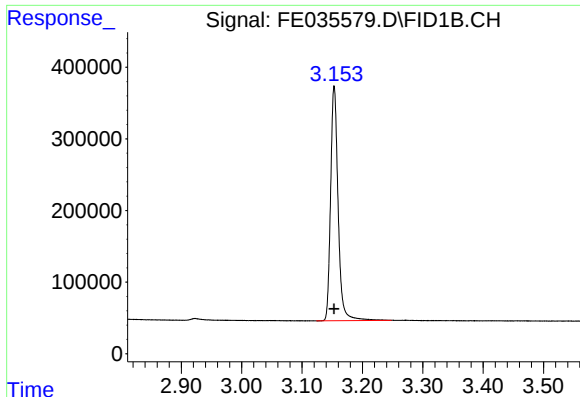
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#1 n-Nonane (C9)

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 2831565
Conc: 29.74 ug/ml

Instrument :

FID_E

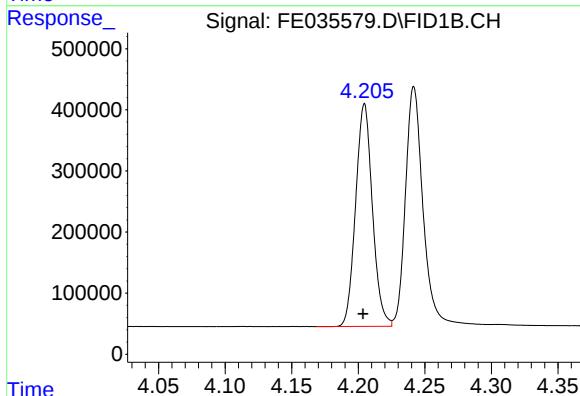
ClientSampleId :

PSE-02MS

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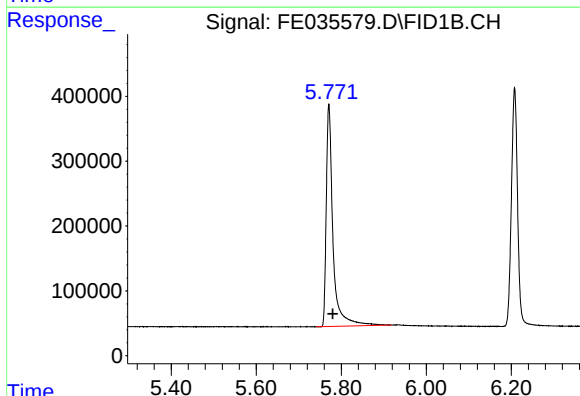
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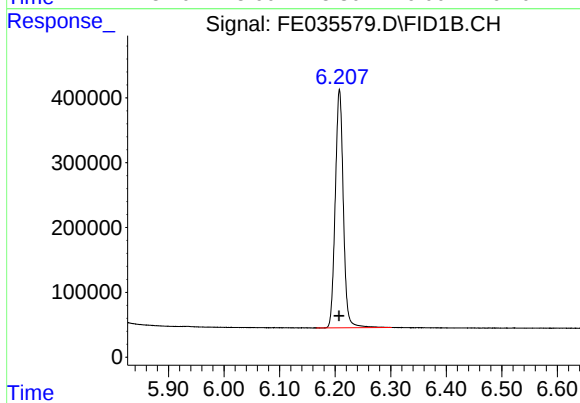
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 3195178
Conc: 34.37 ug/ml



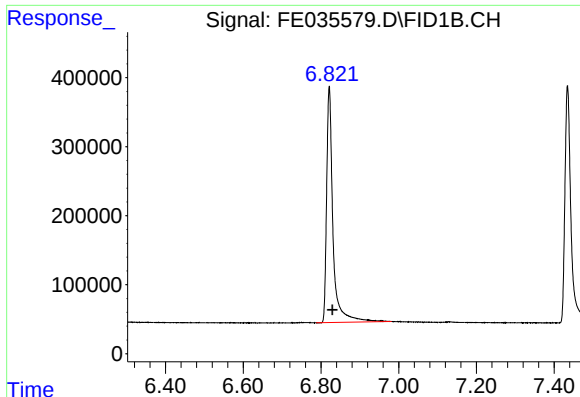
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 3773751
Conc: 39.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 3712483
Conc: 39.51 ug/ml



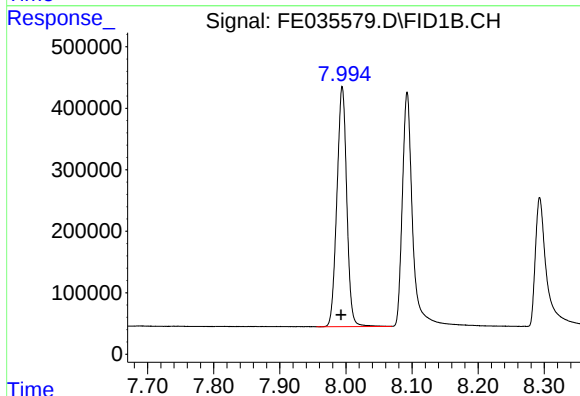
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.008 min
Response: 3887804
Conc: 40.61 ug/ml

Instrument :
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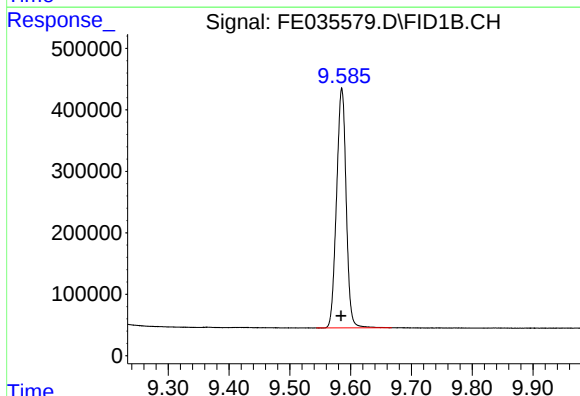
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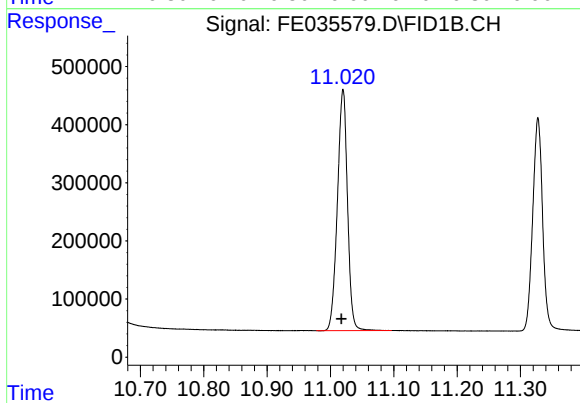
#6 n-Tetradecane (C14)

R.T.: 7.995 min
Delta R.T.: 0.002 min
Response: 4046703
Conc: 43.76 ug/ml



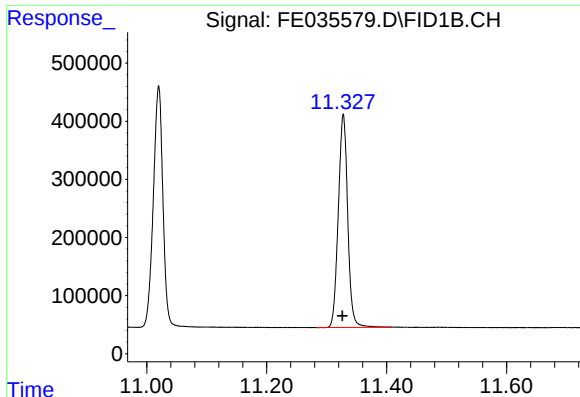
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: 0.002 min
Response: 4296528
Conc: 46.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.020 min
Delta R.T.: 0.003 min
Response: 4592294
Conc: 48.57 ug/ml



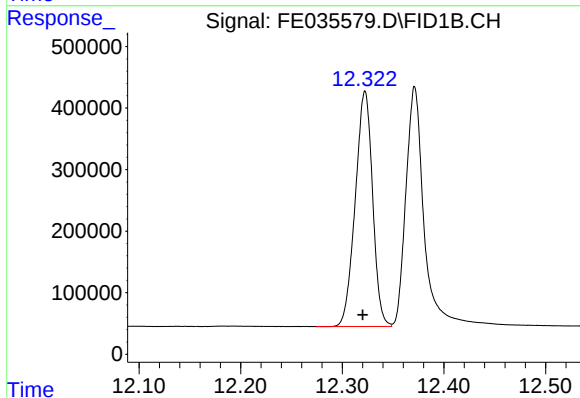
#9 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: 0.002 min
Response: 3994096
Conc: 37.49 ug/ml

Instrument :
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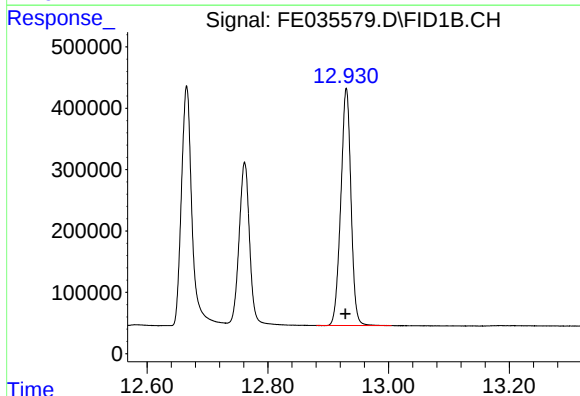
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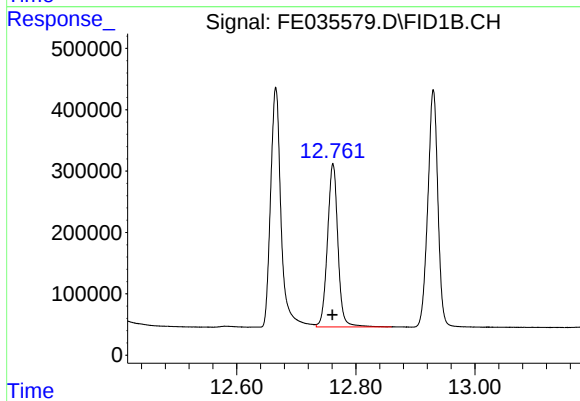
#10 n-Eicosane (C20)

R.T.: 12.322 min
Delta R.T.: 0.002 min
Response: 4526997
Conc: 47.51 ug/ml



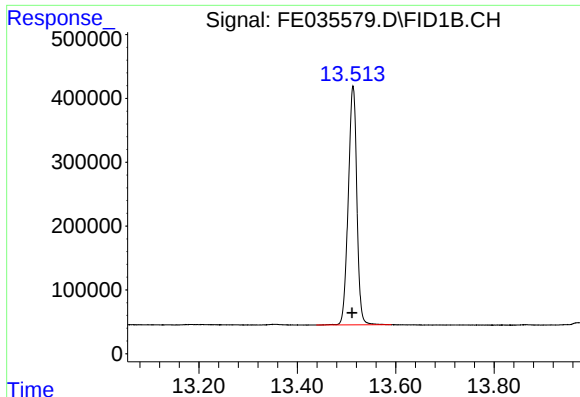
#11 n-Heneicosane (C21)

R.T.: 12.930 min
Delta R.T.: 0.002 min
Response: 4522453
Conc: 46.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3243548
Conc: 40.10 ug/ml



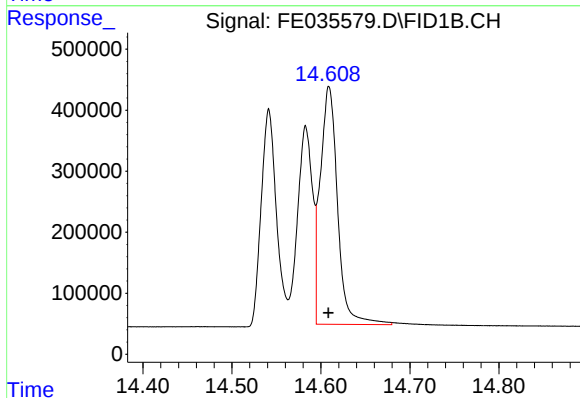
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: 0.002 min
Response: 4534968
Conc: 47.24 ug/ml

Instrument :
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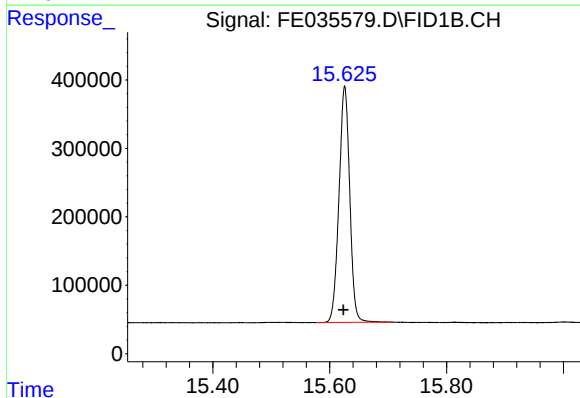
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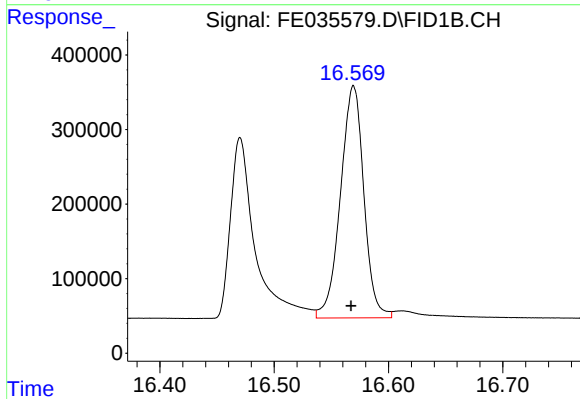
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 5231834
Conc: 55.21 ug/ml m



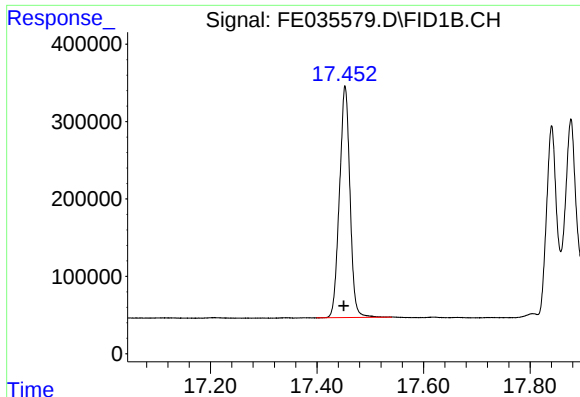
#15 n-Hexacosane (C26)

R.T.: 15.626 min
Delta R.T.: 0.002 min
Response: 4410310
Conc: 47.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.569 min
Delta R.T.: 0.002 min
Response: 4432737
Conc: 49.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.003 min
Response: 4084109
Conc: 47.47 ug/ml

Instrument :

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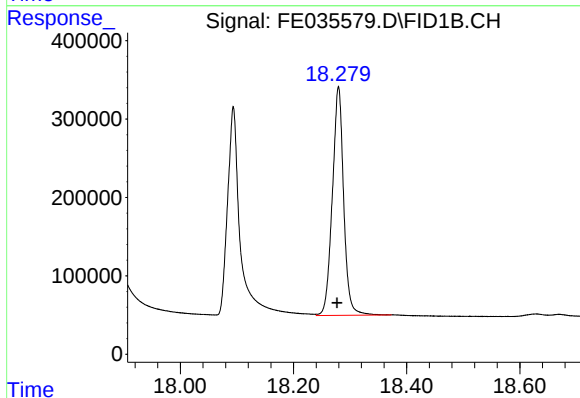
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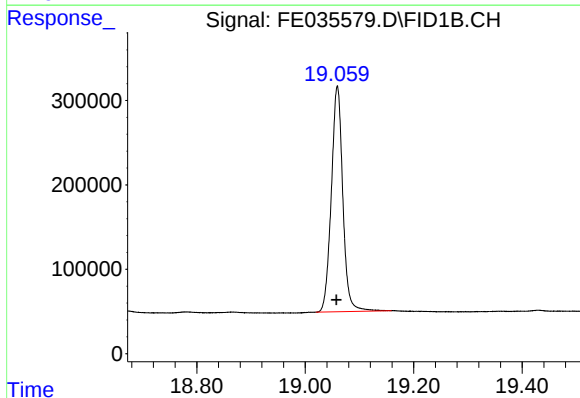
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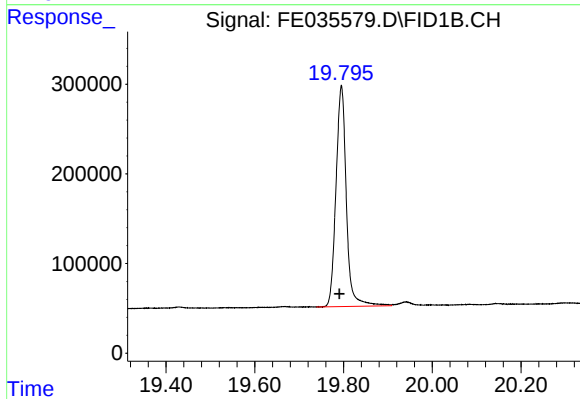
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 4051038
Conc: 48.76 ug/ml



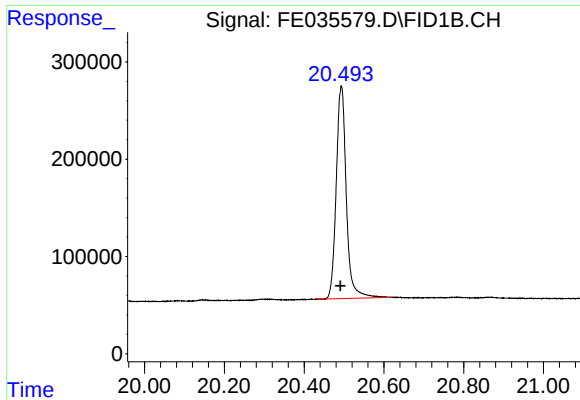
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: 0.002 min
Response: 3935854
Conc: 53.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.795 min
Delta R.T.: 0.004 min
Response: 3993324
Conc: 56.05 ug/ml



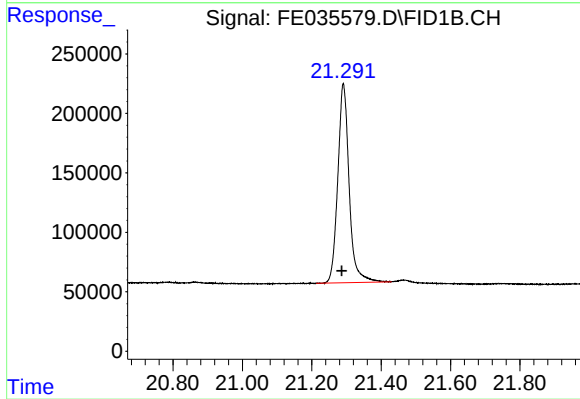
#21 n-Octatriacontane (C38)

R.T.: 20.493 min
Delta R.T.: 0.002 min
Response: 3829809
Conc: 57.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.291 min
Delta R.T.: 0.004 min
Response: 3803413
Conc: 54.10 ug/ml