

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054789.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 19:55
 Operator : YP\AJ
 Sample : Q2542-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-245MSD

Integration File: sample.E
 Quant Time: Jul 11 06:30:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.084	4651465	28.643 ug/ml
Spiked Amount 50.000		Recovery =	57.29%
12) S 1-chlorooctadecane (S...	13.519	3720013	29.455 ug/ml
Spiked Amount 50.000		Recovery =	58.91%
Target Compounds			
1) T n-Nonane (C9)	3.425	4087934	30.392 ug/ml
2) T n-Decane (C10)	4.682	4610574	33.790 ug/ml
3) T A~Naphthalene (C11.7)	6.399	5887968	38.887 ug/ml
4) T n-Dodecane (C12)	6.856	5056687	36.854 ug/ml
5) T A~2-methylnaphthalene...	7.500	5745692	39.085 ug/ml
6) T n-Tetradecane (C14)	8.695	5525043	39.856 ug/ml
7) T n-Hexadecane (C16)	10.308	5924465	41.572 ug/ml
8) T n-Octadecane (C18)	11.758	5948264	40.587 ug/ml
10) T n-Eicosane (C20)	13.073	6077801	42.267 ug/ml
11) T n-Heneicosane (C21)	13.687	5779812	40.466 ug/ml
13) T n-Docosane (C22)	14.275	5723092	40.081 ug/ml
14) T n-Tetracosane (C24)	15.382	12139930	83.514 ug/ml
15) T n-Hexacosane (C26)	16.407	5580466	38.562 ug/ml
16) T n-Octacosane (C28)	17.359	5508217	37.795 ug/ml
17) T n-Tricontane (C30)	18.249	5779358	36.675 ug/ml
18) T n-Dotriacontane (C32)	19.082	5928251	36.642 ug/ml
19) T n-Tetratriacontane (C34)	19.868	6159883	40.422 ug/ml
20) T n-Hexatriacontane (C36)	20.609	6230806	46.341 ug/ml
21) T n-Octatriacontane (C38)	21.392	7335241	62.543 ug/ml
22) T n-Tetracontane (C40)	22.387	6885537	63.529 ug/ml

(f)=RT Delta > 1/2 Window

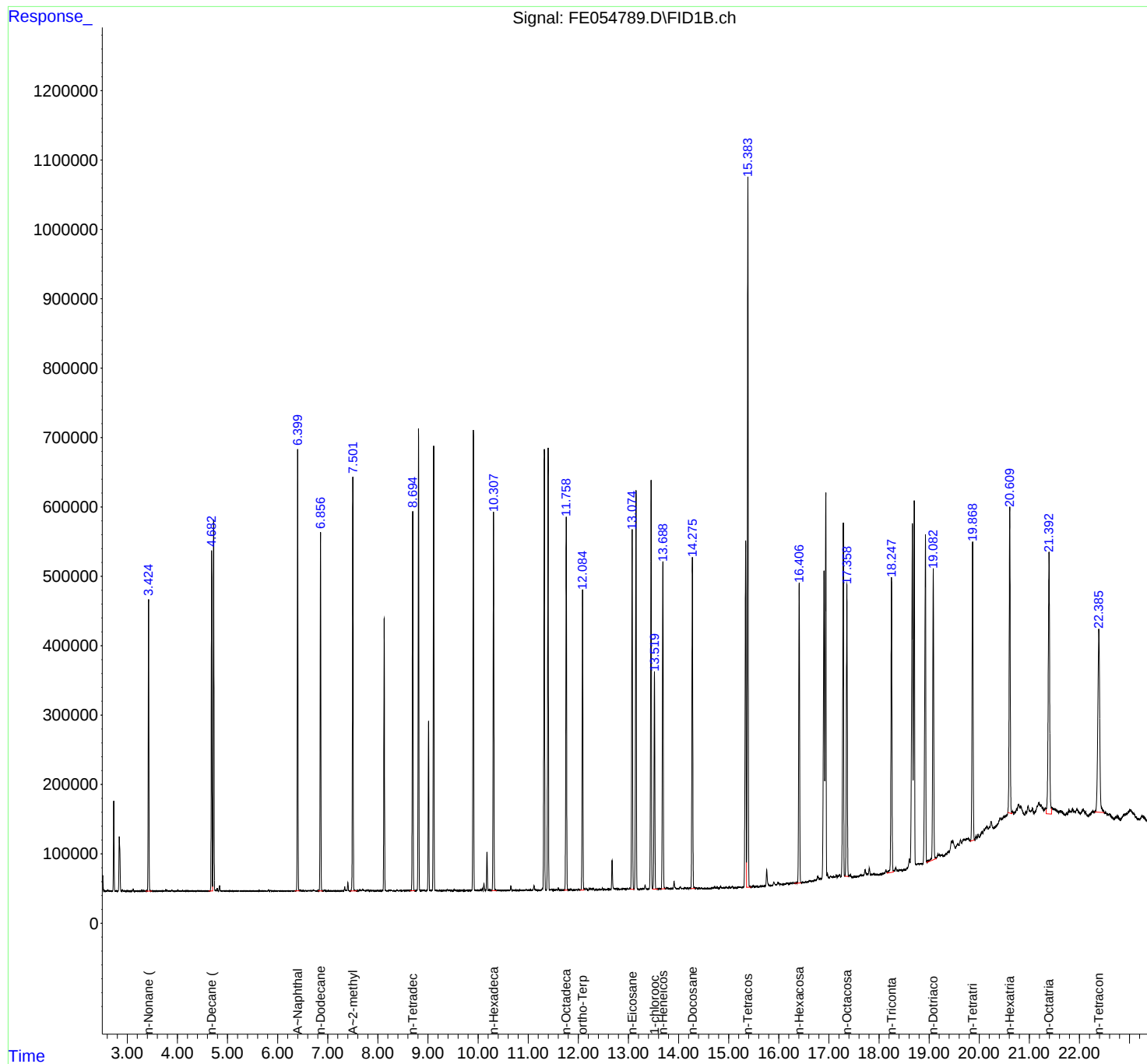
(m)=manual int.

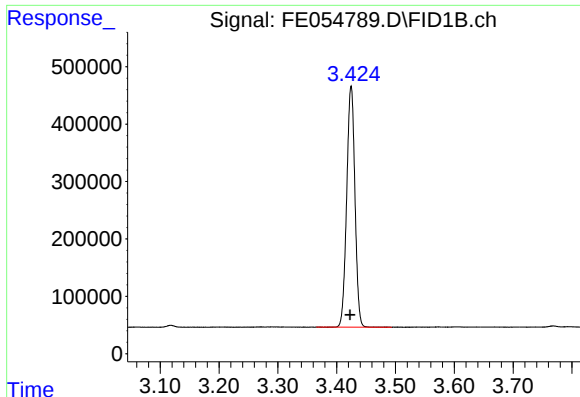
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
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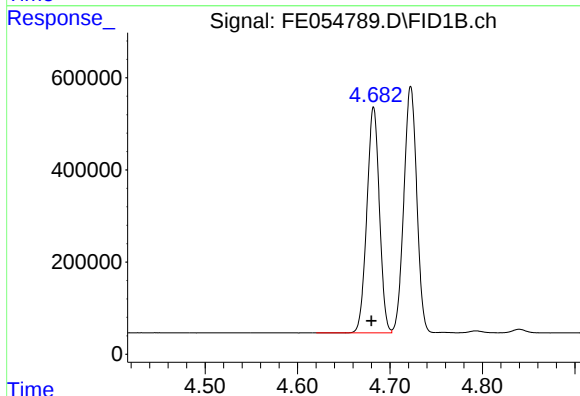




#1 n-Nonane (C9)

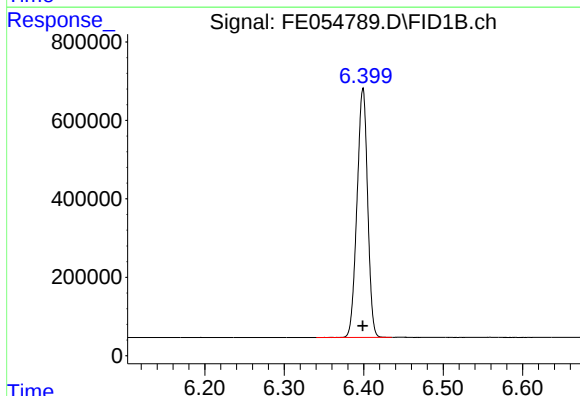
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 4087934
Conc: 30.39 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MSD



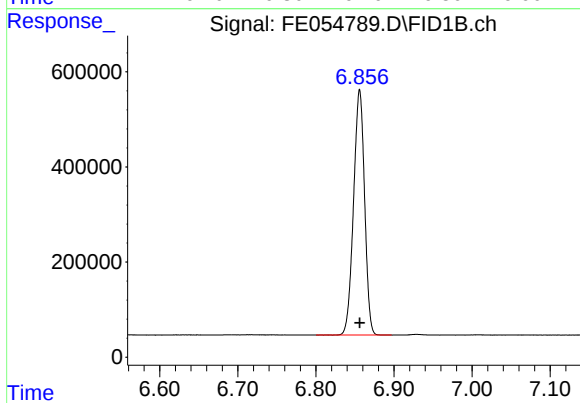
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 4610574
Conc: 33.79 ug/ml



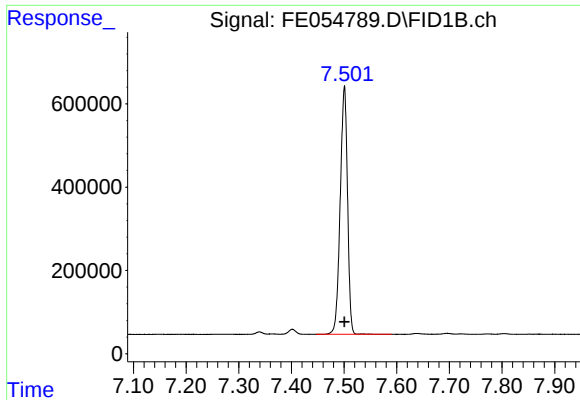
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 5887968
Conc: 38.89 ug/ml



#4 n-Dodecane (C12)

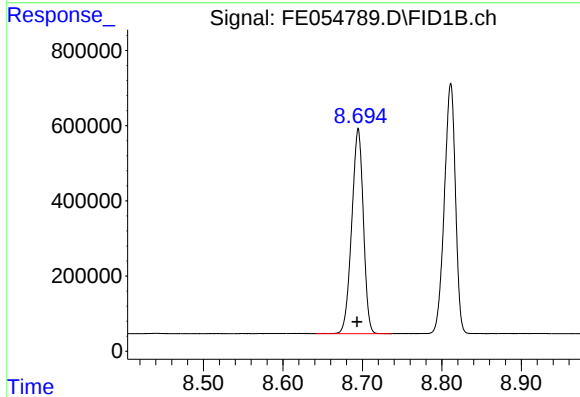
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5056687
Conc: 36.85 ug/ml



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

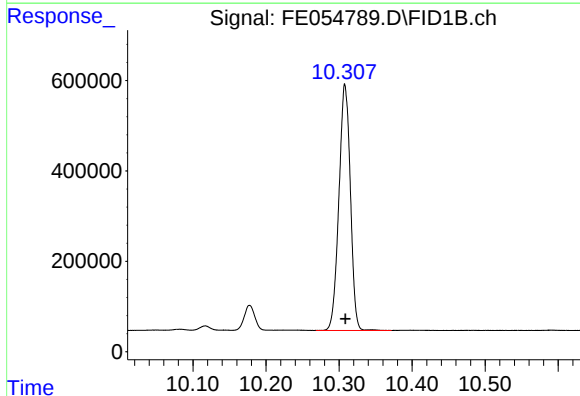
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 5745692
Conc: 39.09 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MSD



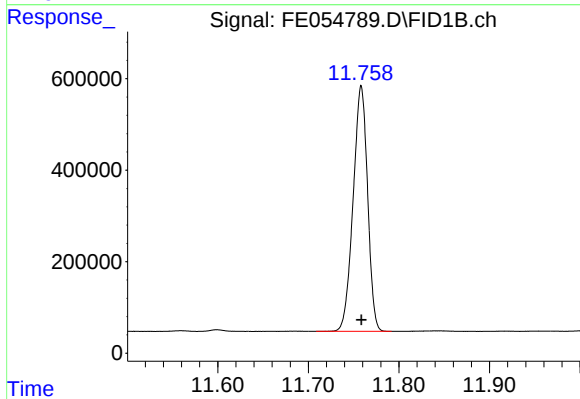
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 5525043
Conc: 39.86 ug/ml



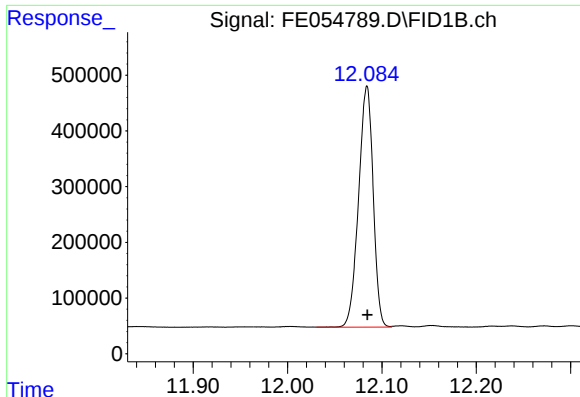
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 5924465
Conc: 41.57 ug/ml



#8 n-Octadecane (C18)

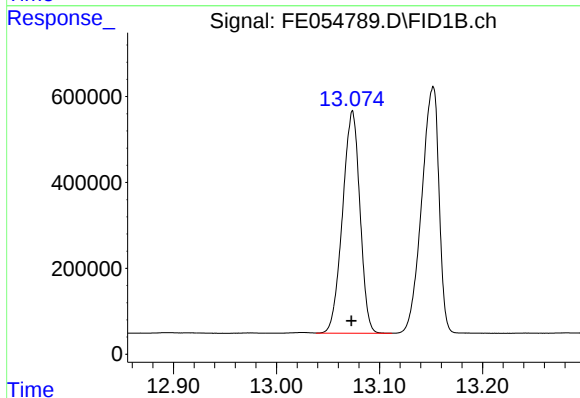
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 5948264
Conc: 40.59 ug/ml



#9 ortho-Terphenyl (SURR)

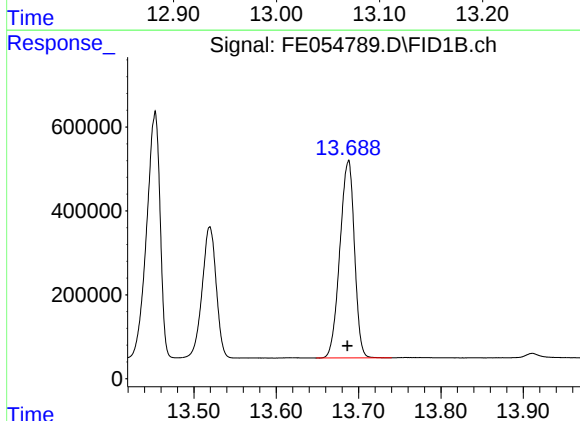
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 4651465
Conc: 28.64 ug/ml

Instrument :
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VNJ-245MSD



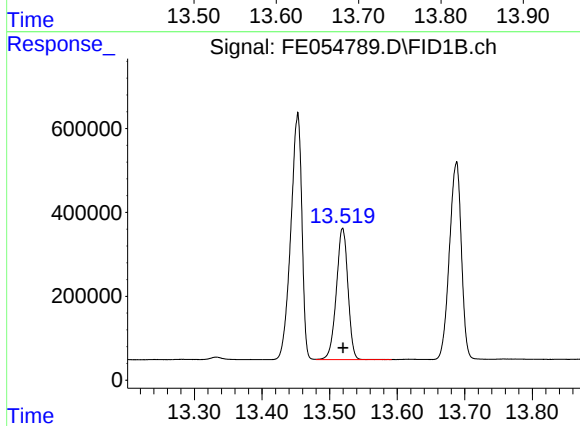
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 6077801
Conc: 42.27 ug/ml



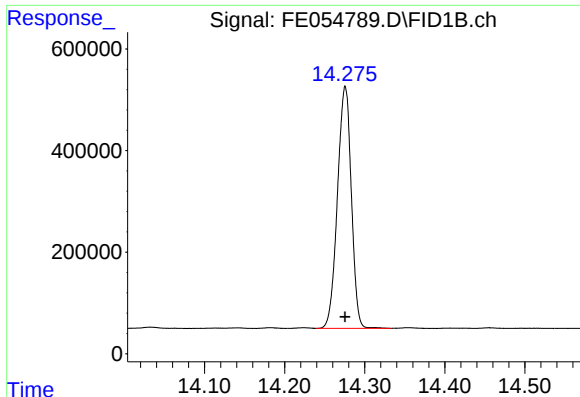
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 5779812
Conc: 40.47 ug/ml



#12 1-chlorooctadecane (SURR)

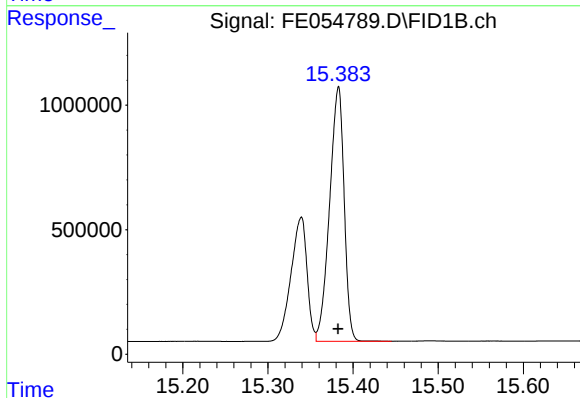
R.T.: 13.519 min
Delta R.T.: 0.000 min
Response: 3720013
Conc: 29.46 ug/ml



#13 n-Docosane (C22)

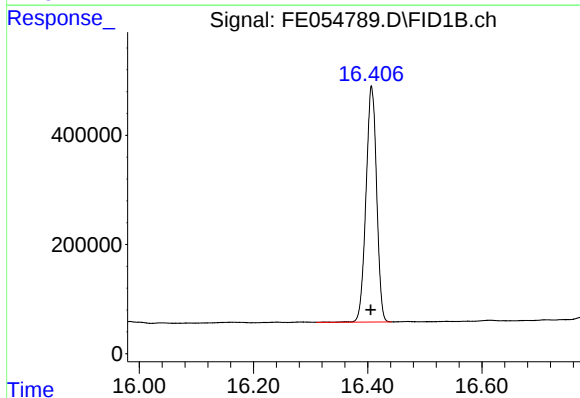
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 5723092
Conc: 40.08 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MSD



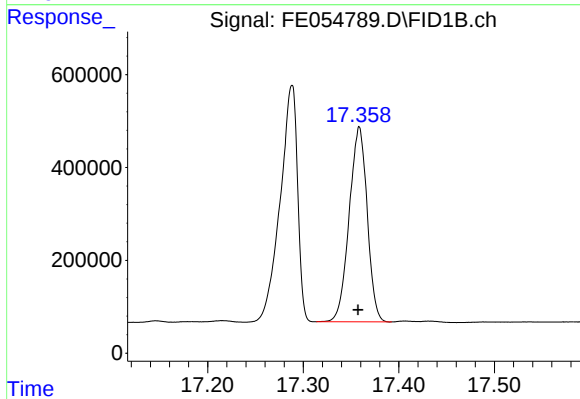
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 12139930
Conc: 83.51 ug/ml



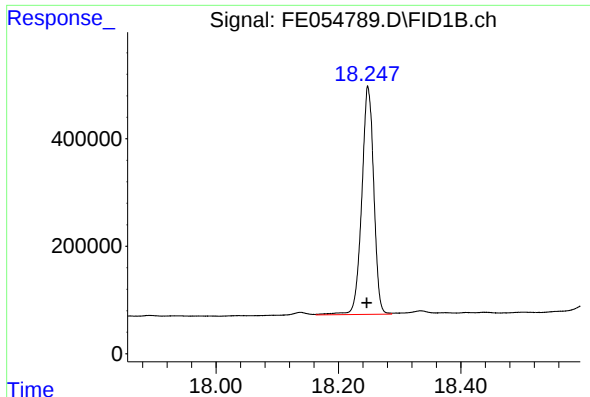
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 5580466
Conc: 38.56 ug/ml



#16 n-Octacosane (C28)

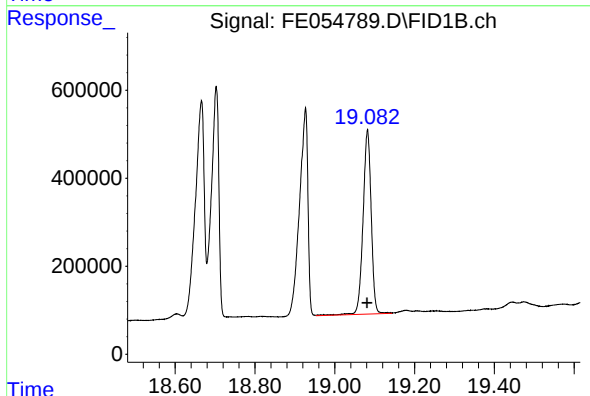
R.T.: 17.359 min
Delta R.T.: 0.001 min
Response: 5508217
Conc: 37.80 ug/ml



#17 n-Tricontane (C30)

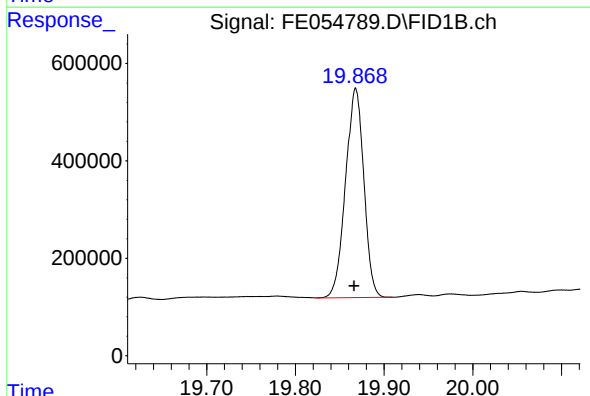
R.T.: 18.249 min
Delta R.T.: 0.002 min
Response: 5779358
Conc: 36.67 ug/ml

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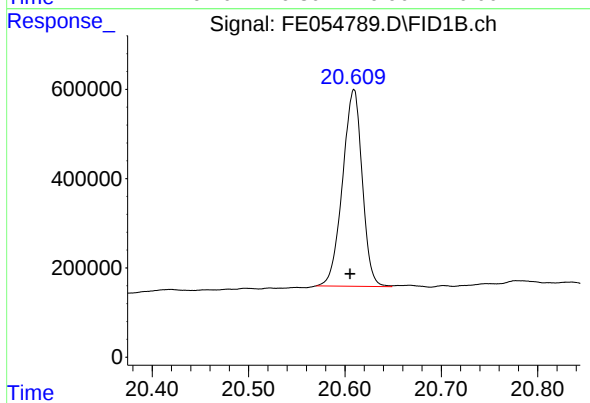
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.001 min
Response: 5928251
Conc: 36.64 ug/ml



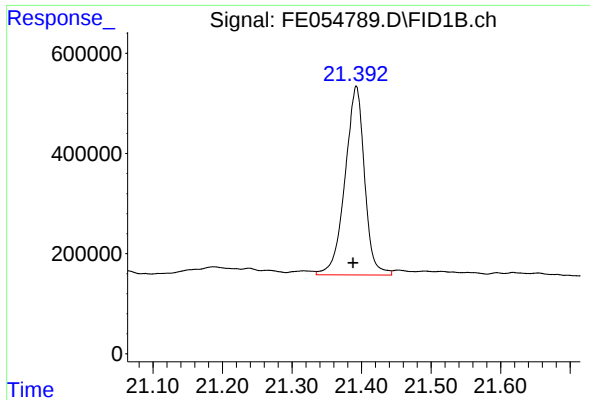
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 6159883
Conc: 40.42 ug/ml



#20 n-Hexatriacontane (C36)

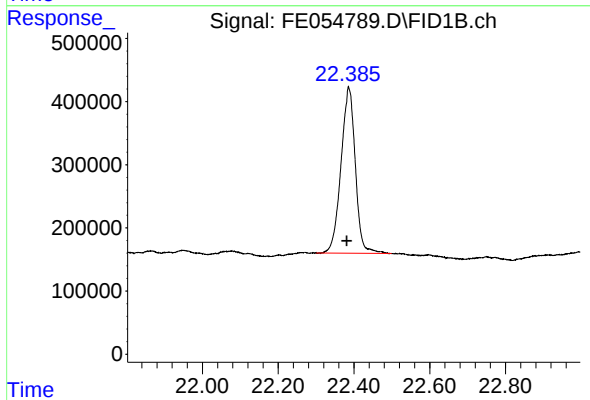
R.T.: 20.609 min
Delta R.T.: 0.004 min
Response: 6230806
Conc: 46.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.005 min
Response: 7335241
Conc: 62.54 ug/ml

Instrument :
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ClientSampleId :
VNJ-245MSD



#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 6885537
Conc: 63.53 ug/ml